

**MINUTES
BOARD OF BUILDING STANDARDS/
ARCHITECTURAL BOARD OF REVIEW/SIGN REVIEW
REVIEW MEETING
CITY OF LAKEWOOD
12650 DETROIT AVENUE
AUDITORIUM
MAY 9, 2024
5:30 P.M.**

1. ROLL CALL

Board Members

Chris Egervary
David Maniet, Chair
Hanna Cohan Plessner, Vice Chair
Jeremy Smith

Staff

Amanda Cramer, Board Secretary, City Planner
Sophia Jones, Board Secretary, City Planner
William Wagner, Assistant Building Commissioner

2. APPROVE THE MINUTES OF THE APRIL 11, 2024 MEETING

A motion was made by Mr. Maniet, seconded by Ms. Cohan Plessner to **APPROVE the April 11, 2024 minutes**. All of the members voted yea; the motion passed.

OPENING REMARKS

Ms. Cramer read the Opening Remarks into record.

At the pre-review meeting, five items were Summary Approved (any conditions will be noted). A motion and a second is needed for approval of Docket No. 05-33-24, Docket No. 05-35-24, Docket No. 05-37-24, Docket No. 05-38-24, and Docket No. 05-39-24,

SUMMARY APPROVED

SIGN REVIEW

3. Docket No. 05-33-24

13341 Madison Ave.

Linda Moselle

- () Approve
- () Deny
- () Defer

Shawn Warren
Erie Design Co. Inc.
16504 Detroit Ave.
Lakewood, OH 44107

Applicant proposes PVC lettering in the sign band. (Page 10)

*Condition that any window signage must be approved by ABR before installation.

A motion was made by Mr. Maniet, seconded by Mr. Smith to **APPROVE** the request. All of the members voted yea; the motion passed.

4. Docket No. 05-35-24

12215 Clifton Blvd.

AIY Properties

- () Approve
- () Deny
- () Defer

Jim Briola
North Coast Sign and Lighting Services Inc.
310 N. Broadway St.
Medina, OH 44256

Applicant proposes a non-illuminated monument sign. (Page 27)

A motion was made by Mr. Maniet, seconded by Mr. Smith to **APPROVE** the request. All of the members voted yea; the motion passed.

5. Docket No. 05-37-24

**14055 Madison Ave.
Barber Lounge Lakewood**

- () Approve
- () Deny
- () Defer

Steven Foster
The Sign & Graphics Firm, LLC
14837 Detroit Ave., Ste. 195
Lakewood, OH 44107

Applicant proposes a non-illuminated double-sided blade sign. (Page 49)

*Condition that any window signage must be approved by ABR before installation.

A motion was made by Mr. Maniet, seconded by Mr. Egervary to **APPROVE** the request. All of the members voted yea; the motion passed.

6. Docket No. 05-38-24

**15501 Madison Ave.
Vital Pilates**

- () Approve
- () Deny
- () Defer

Steven Foster
The Sign & Graphics Firm, LLC
14837 Detroit Ave., Ste. 195
Lakewood, OH 44107

Applicant proposes halo-lit steel stud mounted letters on front of the building. (Page 52)

*Condition that the sign lines up to the left window opening.

A motion was made by Mr. Maniet, seconded by Mr. Smith to **APPROVE** the request. All of the members voted yea; the motion passed.

7. Docket No. 05-39-24

**13733 Madison Ave.
Doki Doki**

- () Approve
- () Deny
- () Defer

Steven Foster
The Sign & Graphics Firm, LLC
14837 Detroit Ave., Ste. 195
Lakewood, OH 44107

Applicant proposes painted 6 mm DiBond sheeting sign board in the sign band. (Page 55)

A motion was made by Mr. Maniet, seconded by Ms. Cohan Plessner to **APPROVE** the request. All of the members voted yea; the motion passed.

NEW BUSINESS

SIGN REVIEW

8. Docket No. 05-32-24

**15637 Madison Ave.
Cyrano's Place**

- Approve
- Deny
- Defer

Shawn Warren
Erie Design Co. Inc.
16504 Detroit Ave.
Lakewood, OH 44107

Applicant proposes vinyl window graphics. (Page 5)

Sara Cass, business owner of Cyrano's Place, noted the changes to her proposal from the pre-review meeting that were now within the 15% square footage requirement for window signage. A motion was made by Mr. Maniet, seconded by Mr. Smith to **APPROVE** the request as presented. All of the members voted yea; the motion passed.

9. Docket No. 05-34-24

**18206 Detroit Ave.
Harry Buffalo**

- Approve
- Deny
- Defer

Iliana Kazandjiev
Agile Sign & Lighting Maintenance Inc.
35280 Lakeland Blvd.
Eastlake, OH 44095

Applicant proposes an electronic message sign on side of building. (Page 16)

A motion was made by Mr. Maniet, seconded by Mr. Smith to **TABLE** the request. All of the members voted yea; the motion passed.

There were no other applicants in attendance; the Chair called for a fifteen minute recess at 5:38 p.m.

10. Docket No. 05-36-24

**16304 Detroit Ave.
Lakewood Bottle Shop**

- Approve
- Deny
- Defer

Joe Palecek
Advanced Installation & Sign Service
28 Elevator Ave.
Painesville, OH 44077

Applicant proposes an internally-illuminated double-sided blade sign. (Page 40)

Mark Branovik, representative was present to explain the request. The members liked the proposed revisions. Members and staff had no comments. Public comment was closed as no one addressed the item.

A motion was made by Mr. Maniet, seconded by Mr. Smith to **APPROVE the request with the following conditions:**

- **Invert the coloring so the lettering is white, and the background is black.**
- **Provide an updated drawing to the administrative staff as soon as possible.**

All of the members voted yea; the motion passed.

NEW BUSINESS

ARCHITECTURAL BOARD OF REVIEW

11. Docket No. 05-40-24

(C)

**1375 West Clifton Blvd.
Lakewood Congregational Church**

- () Approve
- () Deny
- () Defer

David T. Maddux
The Arcus Group Inc.
1244 Smith Ct.
Rocky River, OH 44116

Applicant proposes a new entrance and railing on the west side of the church. (Page 58)

David Maddux, The Arcus Group Inc., applicant was present to explain the request. Discussion began about the awning and supporting columns, gutters and flashing, fascia, symmetry and dimensions. The members suggested the addition of overhangs. Staff had no comments. Public comment was closed as no one addressed the item. Email comments were received prior to the meeting (made part of record).

A motion was made by Mr. Maniet, seconded by Mr. Smith to **APPROVE the request with the following conditions:**

- **The width of the roof structure will widen to align with the north and south with the columns to anchor it more like the rest of the building.**
- **Provide an updated drawing to the administrative staff as soon as possible for review and approval.**

All of the members voted yea; the motion passed.

12. Docket No. 05-41-24

(R)

1246 Manor Park Ave.

- () Approve
- () Deny
- () Defer

Charles A. McGettrick
Architects, C.A. McGettrick LLC
14551 Madison Ave.
Lakewood, OH 44107

Applicant proposes a new front porch and two-story addition with breezeway leading to two-car garage on the rear of the home. (Page 74)

Michael McGettrick, Architects, C.A. McGettrick, representative and Charlie Essi, property owner were present to explain the request. Staff clarified that the garage was being reviewed because it would be attached to the principle structure. Discussion ensued about the materials and colors, windows, lighting, garage door, etc. The members liked the proposal. Staff stated that the project was approved by the Board of Zoning Appeals (BZA). Public comment was closed as no one addressed the item.

A motion was made by Mr. Maniet, seconded by Mr. Smith to **APPROVE** the request as presented. All of the members voted yea; the motion passed.

13. Docket No. 05-42-24

(R)

1605 St. Charles Ave.

- () Approve
- () Deny
- () Defer

James. E. Nagy
GMJ Acquisitions
20102 Center Ridge Rd.
Rocky River, OH 44116

Applicant proposes front facade and side porch renovation of an existing house. (Page 91)

James Nagy, GJM Acquisitions, applicant was present to explain the request. Discussion started with materials, colors, columns, shutters. The members liked the proposal. Staff had no comments. Public comment was closed as no one addressed the item. An email comment was received prior to the meeting (made part of record). Discussion continued about the scale of the upper and lower windows and shutters.

A motion was made by Mr. Maniet, seconded by Mr. Smith to **APPROVE** the request with the following condition:

- **The lower shutter width will increase to better match the proportion of the first floor windows. Will be half the width of the windows.**
- **Provide an updated drawing to the administrative staff for review and approval.**

All of the members voted yea; the motion passed.

14. Docket No. 05-43-24

(R)

2020 Arthur Ave.

- () Approve
- () Deny
- () Defer

Brandon Young
Young Design Studio LLC
15614 Detroit Ave.
Lakewood, OH 44107

Applicant proposes renovation of an existing house with a two-story addition on the south side. (Page 103)

Brandon Young, Young Design Studio LLC, applicant was present to explain the request. The members liked the proposal. Staff had no comments. Public comment was closed as no one addressed the item. An email comment was received prior to the meeting (made part of record).

A motion was made by Mr. Maniet, seconded by Mr. Smith to **APPROVE** the request as presented. All of the members voted yea; the motion passed.

15. Docket No. 05-44-24

(R)

17401 Edgewater Dr.

- () Approve
- () Deny
- () Defer

Amanda Fort
Dane Street Studios
2708 Inverness Rd.
Shaker Heights, OH 44122

Applicant proposes a new front porch on an existing house. (Page 133)

Amanda Fort, Dane Street Studios, applicant was present to explain the request. Discussion began about the brick and roof, use of timbers, material colors, roofing materials, rooflines, etc. Public comment was closed as no one addressed the item. An email comment was received prior to the meeting (made part of record).

A motion was made by Mr. Maniet, seconded by Mr. Smith to **DEFER** the request as presented. All of the members voted yea; the motion passed.

16. Docket No. 05-45-24

(R)

1188 Elbur Ave.

- () Approve
- () Deny
- () Defer

Hal Daugherty
Daugherty Construction
22460 Lakeland Blvd.
Euclid, OH 44132

Applicant proposes a new front portico. (Page 204)

Hal Daugherty, Daugherty Construction, applicant was present to explain the request. The members liked the proposal. Discussion ensued about increasing the roof peak of the new roof to match more closely the existing peaked roof. Public comment was closed as no one addressed the item.

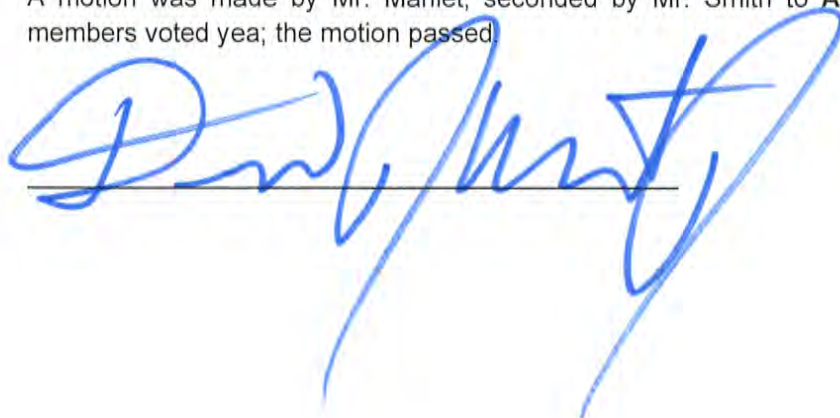
A motion was made by Mr. Maniet, seconded by Ms. Cohan Plessner to **APPROVE the request with the following condition:**

- **The slope of the new roof will be increased to better match the existing roof peak that it is on within reason of building codes not causing an issues.**

All of the members voted yea; the motion passed.

ADJOURN

A motion was made by Mr. Maniet, seconded by Mr. Smith to **ADJOURN the meeting at 7:03 p.m.** All the members voted yea; the motion passed.

A large, stylized handwritten signature in blue ink, appearing to be 'D. Maniet', is written over a horizontal line.

06-13-2024



Oath

(You need not give an oath if you object. If you object to giving an oath, please notify the hearing officer or secretary before signing below.)

I, the undersigned, hereby solemnly swear that the testimony I give at this proceeding will be the truth, the whole truth and nothing but the truth:

PRINT NAME:

SIGN NAME:

- 1. Jara Kass
- 2. Mark Brarovic
- 3. Mike McAllen
- 4. Charlie Essi
- 5. James Niggy
- 6. Brandon Young
- 7. AMANDA FORT
- 8. Hal Dougherty
- 9. _____
- 10. _____
- 11. _____

- 1. [Signature]
- 2. [Signature]
- 3. [Signature]
- 4. [Signature]
- 5. [Signature]
- 6. [Signature]
- 7. A Fort
- 8. Hal Dougherty Thank You!
- 9. _____
- 10. _____
- 11. _____

Prepared by: The City of Lakewood Law Department, 12650 Detroit Ave., Lakewood, Ohio 44107

FOR CITY USE ONLY

Lakewood Administrative Procedure: ABR/BBS Citizens Advisory Civil Svc. Dangerous Dog Income Tax Appeals Loan Approval Nuisance Abatement Appeals Parking Planning Zoning Appeals Other:

Date of Proceeding: Thursday, May 9, 2024

Johanna Schwarz

From: Brian Meng <bmeng@bialosky.com>
Sent: Wednesday, May 8, 2024 7:13 AM
To: Johanna Schwarz; Amanda L. Cramer; David Baas
Cc: Ian Andrews; amyjhaney@gmail.com
Subject: FW: Agenda: BBS/ABR/Sign Review

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Johanna, Amanda, and Dave,

On behalf of LakewoodAlive we wanted to provide comments and observations to the projects on the current Lakewood ABR agenda for the 05/09/2024 meeting.

- **General Comment regarding signage**
 - We would recommend the ABR require any exposed conduit to be painted to match brick or other exterior wall material when it is not practical/possible to conceal the conduit completely.
- **Docket No. 05-32-24 Cyrano's Place**
 - No Comment.
- **Docket No. 05-33-24 Linda Moselle**
 - No comment except the Building Permit Application has a note on the top of the page referring to a Blade Logo. We believe this is an erroneous note.
- **Docket No. 05-34-24 Harry Buffalo**
 - Can the applicant provide dimensions to confirm the mounting position on the façade (height above grade and from edge of building)?
 - Does the applicant intend for the sign to be powered by the surface mounted conduit shown in the photographs and which appears to power the existing signs on both elevations? If so, we suggest the ARB discuss with the applicant if this can be reconsidered to avoid exposed conduit and raceways.
 - If not dictated by the City's signage code, we recommend the applicant provide a description of how often the text/display/animation will change and to confirm what light level the illuminated sign will produce.
- **Docket 05-35-24 AIY Properties**
 - No Comment
- **Docket No. 05-36-24 Lakewood Bottle Shop**
 - No Comment
- **Docket No. 05-37-24 Barber Lounge Lakewood**
 - No Comment
- **Docket No. 05-38-24 Vital Pilates**
 - It is unclear if these letters are intended to be powered. We suggest avoiding exposed raceways or conduit.

- **Docket No. 05-39-24 Doki Doki**
 - No Comment

- **Docket No. 05-40-24 Lakewood Congregational Church**
 - Can the applicant confirm where the new canopy gutters drain?
 - Will the two sign panels to the right of the entrance remain?
 - The existing fabric canopy has the address numbers. Will these be provided on the new canopy?

- **Docket No. 05-41-24 1246 Manor Park Ave.**
 - No Comment

- **Docket No. 05-42-24 1605 Charles Ave**
 - The proposed new window on the Drive Side View Elevation appears to be located where the existing down spout is located.

- **Docket No. 05-43-24 2020 Arthur Ave.**
 - No comment

- **Docket No. 05-44-24 17401 Edgewater Dr.**
 - Question the use of a standing seam metal roof for the new improvements and how it interfaces with the high slate roof.

- **Docket No. 05-45-24 1188 Elbur Ave.**
 - No comment

We truly appreciate the opportunity to share our thoughts with you on these applications. If you have any questions on our comments, please let us know and we would be happy to discuss further. It is exciting to see so many developments occurring in Lakewood.

Thank you,

BRIAN MENG RA, LEED AP
Principal | Architect

BIALOSKY Always By Design.

P 216-767-2023

From: Ian Andrews <iandrews@lakewoodalive.org>
Sent: Tuesday, April 30, 2024 3:29 PM
To: 'Amy Haney' <amyjhaney@gmail.com>; Brian Meng <bmeng@bialosky.com>
Subject: FW: Agenda: BBS/ABR/Sign Review

Ian Andrews
Executive Director
LakewoodAlive
12815 Detroit Avenue
Lakewood, OH 44107



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Did you know that you can leave your own Lakewood legacy that will have a lasting impact? Support LakewoodAlive for years to come by making a [planned gift!](#)

Upcoming Events:

- [4/28 – The Lakewood Tool Box Tool Sale](#)
- [5/2 – Knowing Your Home: Backyard Composting 101](#)
- [6/7 – Front Porch Concert Series: Jacob Johnson](#)
- [6/8 – 10th Annual Birdtown Picnic](#)
- [6/14 – Front Porch Concert Series: Alla Boara Quartet](#)
- [6/21 – Front Porch Concert Series: Liz Bullock](#)
- [6/28 – Front Porch Concert Series: Bassel & the Supernaturals](#)
- [7/20 – 16th Annual Lakewood Summer Meltdown](#)



From: Johanna Schwarz <Johanna.Schwarz@lakewoodoh.gov>
Sent: Tuesday, April 30, 2024 2:39 PM
To: Johanna Schwarz <Johanna.Schwarz@lakewoodoh.gov>
Subject: Agenda: BBS/ABR/Sign Review

Good afternoon,

Please click on the link to view the May 9, 2024 BBS/ABR/Sign Review meeting. The pre-review meeting will be held Thursday, May 2, 2024 in the East Conference Room at 4:00 p.m.

https://www.lakewoodoh.gov/wp-content/uploads/2023/12/BBSARBAgenda_050924.pdf

Thank you.

Johanna Schwarz

Administrative Assistant II

City of Lakewood
Department of Planning and Development
12650 Detroit Avenue

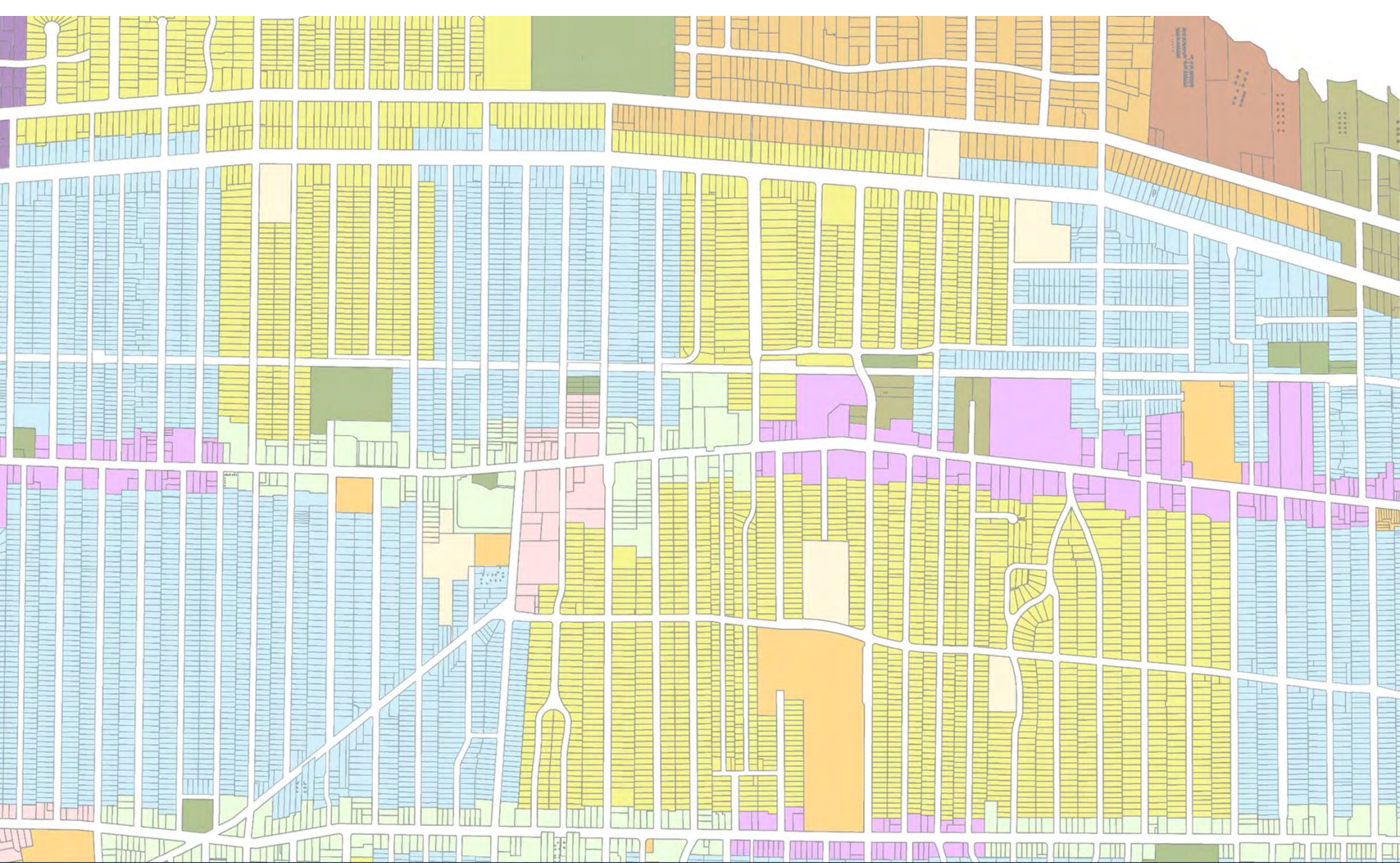
Lakewood, Ohio 44107

(216)529-6630 main

(216)529-6631 office

www.lakewoodoh.gov

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Architectural Board of Review

May 2024



Architectural Board of Review

Pre-Review Meeting: May 2nd, 4 pm (East Conf Rm)

Regular Meeting: May 9th, 5:30 pm (Auditorium)

Members

David Maniet (2024 Chair)

Hanna Cohan Plessner (2024 Vice-Chair)

Jeremy Smith

Chris Egervary

Staff

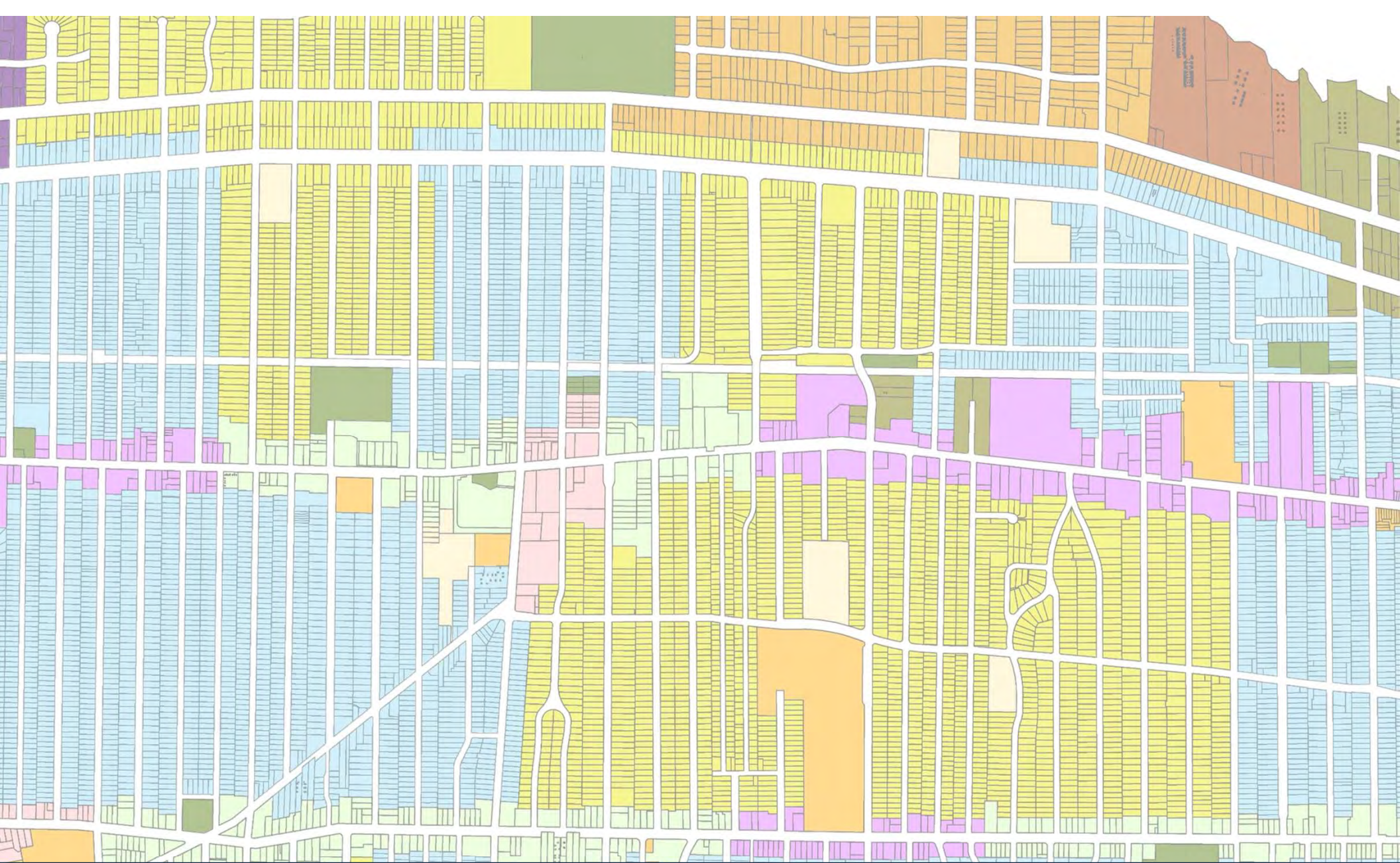
Board Secretary: Amanda Cramer, Sophia Jones

Assistant Building Commissioner: William Wagner



Architectural Board of Review May Agenda

1. Roll call
2. Approve minutes – April 2024 meeting
3. Opening Remarks
4. Sign Review
5. New Business
6. Adjourn



Architectural Board of Review

Summary Approvals – May 2024

Applicant proposes a new wall sign.

City Notes:

- Applicant proposes 1 wall sign.
- Frontage: 13.83 ft ; Max allowed square footage: 20.75 sq ft
- Total proposed square footage: 8 sq ft
- Any window signage must be approved by ABR before installation. None included in this proposal.**



Summary Approval

Condition: Any window signage must be approved by ABR before installation



Docket No. 5-33-24 (13341 Madison)

**Signage – Linda Moselle
Shawn Warren**

AS IS



16504 Detroit Avenue Lakewood, Ohio 44107 216-227-0043

CLIENT:	LINDA MOSELLE	JOB #:		DATE:	
ADDRESS:	13341 MADISON AVE	SALESPERSON/ DESIGNER:		DATE:	
REVISION HISTORY:	DATE: CHANGES MADE:				
				CLIENT SIGNATURE OF APPROVAL	DATE:

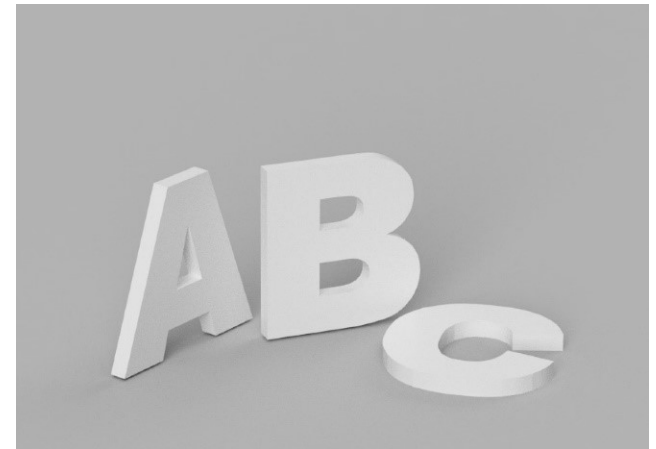


Docket No. 5-33-24 (13341 Madison)
Signage - Warren

12" PVC 1/2" cut lettering total sq ft. 7.55'
 adhesive mount to existing sign area \$460
 Installation \$120
 City permits est. average \$ 200



1/2" thick PVC text 12"h x 107" w \$460
 + INSTALL AND PERMITS



CLIENT: LINDA MOSELLE	JOB #:	DATE:
ADDRESS: 13341 MADISON AVE	SALESPERSON/ DESIGNER:	DATE:
REVISION HISTORY: DATE:	CHANGES MADE:	
	CLIENT SIGNATURE OF APPROVAL:	DATE:

16504 Detroit Avenue Lakewood, Ohio 44107 216-227-0043



Docket No. 5-33-24 (13341 Madison)
 Signage - Warren

Applicant proposes new signage.

City Notes:

- Applicant proposes 1 monument sign (9 sq ft)
- Business frontage: 40 ft ; Max allowed signage: 40 sq ft
- Total proposed signage: 9 sq ft
- Existing signage to be removed



Docket No. 5-35-24 (12215 Clifton)

**Signage – AIY Properties
Jim Briola**



Imagery ©2024 Google, Imagery ©2024 CNES / Airbus, Maxar Technologies, Map data ©2024 20 ft

AIY Properties Leasing Office
12215 Clifton Boulevard
Lakewood, OH 44107



Docket No. 5-35-24 (12215 Clifton)
Signage - Briola

RECEIVED

By Kelly McCafferty at 1:50 pm, Apr 03, 2024

S24-000018

EXISTING CONDITION



AIY Properties Leasing Office
12215 Clifton Boulevard
Lakewood, OH 44107

City of Lakewood
Approved Plans
S24-000018
Christopher Farnise
04/03/2024

Image capture: Aug 2022 © 2024 Google Terms Privacy



Docket No. 5-35-24 (12215 Clifton)
Signage - Briola

PHONE:
330.723.2376
FAX:
330 722.2843
NICK OR JIM
@SIGNANDLIGHT.COM



**NORTH
COAST**
SIGN & LIGHTING
SERVICE INC.

36x24" FACE=6'SQ.

36"(3')



FLOODLIGHT

24"



Leasing Office

12215

www.aiyproperties.com
(216) 221-1333

36"(3')

12"

44"(3'8") WIDTH (INC. POSTS)

Thanks for Visiting



BACK

JOB: LAKEWOOD LEASING OFFICE
ADDRESS: CLIFTON RD LAKEWOOD
CONTACT: TONY DICILLO
PHONE: 440.862.4631
EMAIL: TDICILLO@AIYPROPERTIES.COM
DATE: 14 MARCH 2024 REV6

NOTES: - NEW CABINET SIGN

ALL DRAWINGS ARE THE PROPERTY OF
NORTH COAST SIGN & LIGHTING
SERVICES INC. AND ARE TO BE USED
FOR CONCEPTUAL PURPOSES ONLY
UNTIL SIGNED AND DATED BY PROJECT
MANAGER AND CUSTOMER. ANY OTHER
USE IS PROHIBITED.

APPROVED DESIGNS MUST BE SIGNED & RETURNED BEFORE PRODUCTION CAN BEGIN
THE COST OF ANY CHANGES AFTER PRODUCTION IS THE RESPONSIBILITY OF THE CUSTOMER (INC. ADDITIONAL TRIPS)

CUSTOMER APPROVAL SIGNATURE: _____

LANDLORD APPROVAL SIGNATURE: _____



Docket No. 5-35-24 (12215 Clifton)

Signage - Briola

Applicant proposes new signage.

City Notes:

- Applicant proposes 1 blade sign (6.25 sq ft)
- Business frontage: 18 ft ; Max allowed signage: 27 sq ft
- Total proposed signage: 6.25 sq ft
- Any window signage must be approved by ABR before installation. None included in this proposal.**



Summary Approval

Condition: Any window signage must be approved by ABR before installation



Docket No. 5-37-24 (14055 Madison)
Signage – Barber Lounge Lakewood
Steven Foster



DOUBLE-SIDED BLADE SIGN
 (Non-Lit ACM Rounds w/ Vinyl Faces)

NOTE: Renderings are approximate representations of final production. This drawing is CONFIDENTIAL and PROPRIETARY. Use without written permission of The Sign & Graphics Firm is strictly prohibited.

1
4-15-24

ADDRESS:
14055 Madison Ave.
Lakewood, OH 44107

BUSINESS NAME:
Barber Lounge Lakewood

Steven Foster
216.390.0198
sfoster05@gmail.com

THE SIGN & GRAPHICS FIRM



Docket No. 5-37-24 (14055 Madison)

Signage - Foster

Applicant proposes new signage.

City Notes:

- Applicant proposes 1 wall sign (32.65 sq ft)
- Business frontage: 65 ft ; Max allowed signage: 97.5 sq ft
- Total proposed signage: 32.65 sq ft



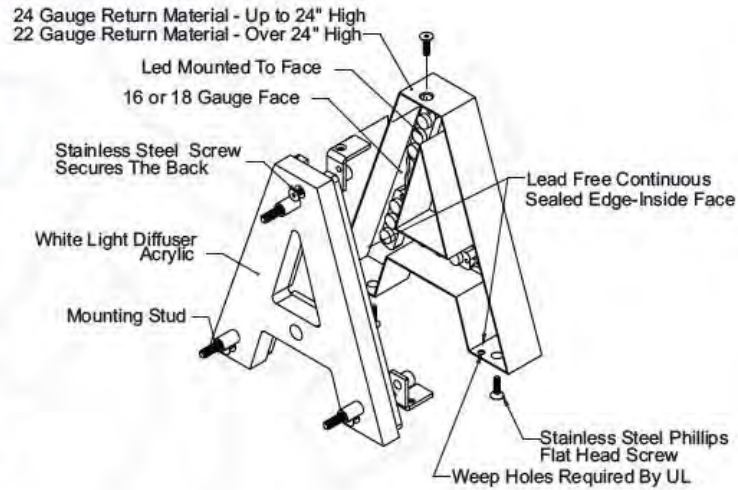
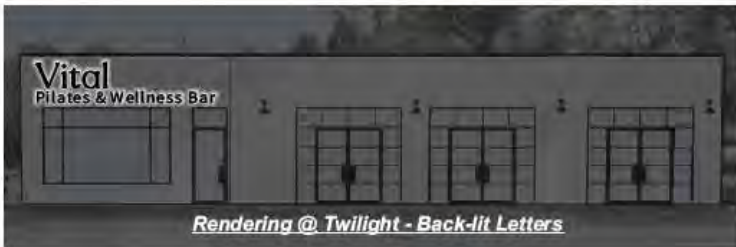
Summary Approval

Condition: Sign lines up to the left window opening



Docket No. 5-38-24 (15501 Madison)

**Signage – Vital Pilates
Steven Foster**



81.75"

28"

12"

1.31"

Vital

Pilates & Wellness Bar

201"

4-21-24: Added storefront width dimension

PROPOSED HALO-LIT SIGNAGE
 Satin Black Stainless Steel Stud-Mounted Letters

This drawing is CONFIDENTIAL and PROPRIETARY. Use without written permission of The Sign & Graphics Firm is strictly prohibited.

NOTE: Renderings are approximate representations of final production.

1
4-21-24

ADDRESS:
15501 Madison Ave.
Lakewood, OH 44107

BUSINESS NAME:
Vital Pilates & Wellness Bar

Steven Foster
216.390.0198
sgfoster09@gmail.com

THE SIGN & GRAPHICS FIRM



Docket No. 5-38-24 (15501 Madison)
 Signage - Foster

Applicant proposes new signage.

City Notes:

- ❑ Applicant proposes 1 blade sign (8 sq ft), 2 wall signs (27 sq ft and 26 sq ft), and 1 window vinyl (4.11 sq ft)
- ❑ Business frontage: 36 ft for both storefronts, 91 sq ft of windows; Max allowed signage: 54 sq ft for exterior, 14 sq ft for window signage
- ❑ Total proposed signage: 35 sq ft + 26 sq ft exterior (**61 sq ft**) & 4.11 sq ft window vinyl



Docket No. 5-39-24 (13733 Madison)

**Signage – Doki Doki
Steven Foster**

BEFORE

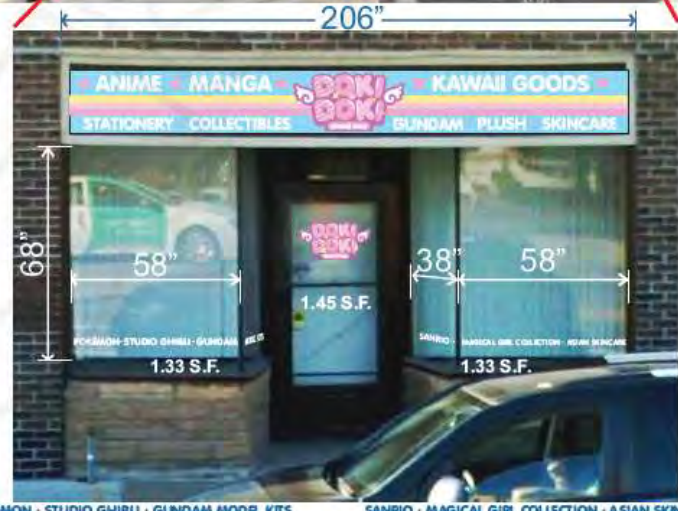


Existing Signage
(moved from prev. location)

PROPOSED



Larger Double-sided 3mm DiBond Blade Sign
(8.28 S.F.)



Window Vinyl 2" Letters
(45.33 S.F. x 2 = 90.66 Glass S.F.)



Painted 6mm DiBond Sheeting Sign Board
(27.27 S.F.)

4-21-24: Added Sq. Ft. & storefront dim.

4-25-24: Added storefront dim. for both; updated window vinyl & dims.

5-2-24: Added Sq. Ft. for window/door vinyl

This drawing is CONFIDENTIAL and PROPRIETARY. Use without written permission of The Sign & Graphics Firm is strictly prohibited.

NOTE: Renderings are approximate representations of final production.

1
5-2-24

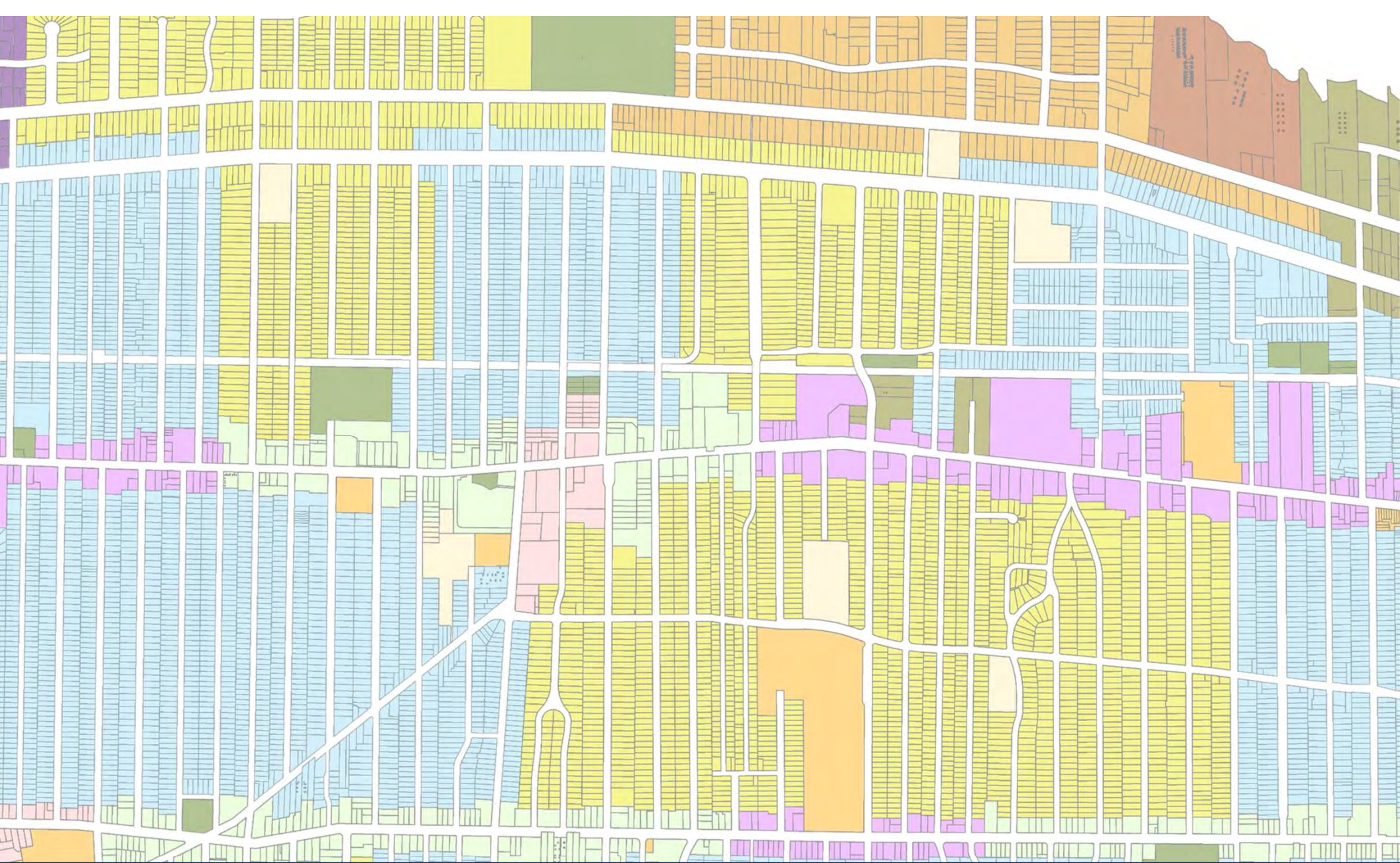
ADDRESS:
13733 Madison Ave.
Lakewood, OH 44107

BUSINESS NAME:
DOKI DOKI

Steven Foster
216.390.0198
sfoster09@gmail.com



Docket No. 5-39-24 (13733 Madison)
Signage - Foster



Architectural Board of Review

Sign Review – May 2024

Applicant proposes window signage.

City Notes:

- Applicant proposes adding window signage – greyed out area will be clear.
- Window square footage: 152 sq ft; Max allowed window signage: 22.8 sq ft
- Total proposed window signage: 18.7 sq ft



Docket No. 5-34-24 (15637 Madison)

**Window Signage – Cyrano's Place
Shawn Warren**

Store front as is



Store front 501" w x 175" h = 608 sq. ft.
windows 53" x 69" x 6 = 153 sq. ft.

	CLIENT:	Cyrano's Place	JOB #:		DATE:	
	ADDRESS:	15639 Madison Ave.	SALESPERSON/ DESIGNER:		DATE:	
	REVISION HISTORY:		CHANGES MADE:			
	DATE:				CLIENT SIGNATURE OF APPROVAL	DATE:

15504 Detroit Avenue, Lakewood, Ohio 44107 216 227 0043



Docket No. 5-34-24 (15637 Madison)
Window Signage – Warren

Cut vinyl graphics for windows
Logo 40" w x 36" h 10 sq.ft
Text info 38" w x 33" h 8.7 sq.ft

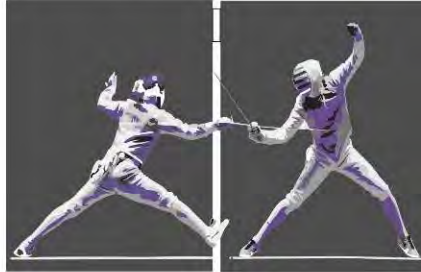


Store front 501" w x 175" h = 608 sq. ft.
windows 53" x 69" x 6 = 153 sq. ft.



Docket No. 5-34-24 (15637 Madison)
Window Signage – Warren

Cut vinyl graphics for windows
 Logo 50" h x 45" w 16 sq ft.
 Fencers 105" w x 52" h 38 sq. ft.
 Text info 38" w x 45" h 12 sq.ft **66 total**



Store front 501" w x 175" h = 608 sq. ft.
 windows 53" x 69" x 6 = 153 sq. ft.



CLIENT: Cyrano's Place	JOB #:	DATE:
ADDRESS: 15639 Madison Ave.	SALESPERSON/ DESIGNER:	DATE:
REVISION HISTORY: DATE:	CHANGES MADE:	
	CLIENT SIGNATURE OF APPROVAL	DATE:

16504 Detroit Avenue Lakewood, Ohio 44107 216-227-0043



Docket No. 5-34-24 (15637 Madison)
 Window Signage – Warren

Applicant proposes a new EMC sign to replace existing wall sign.

City Notes:

- Applicant proposes replacement of 1 wall sign with 1 EMC (65.8 SF)
- Business frontage: 37' facing Detroit, 80' facing Graber ; Max allowed signage: 100 SF total
- Existing signage facing Graber: 36 SF; signage on Detroit 36 SF
- Total proposed signage: **66 SF + 36 SF = 102 SF**



REQUEST TO TABLE



Docket No. 5-34-24 (18605 Detroit)

Electronic Messaging Board Signage – Harry Buffalo
Iliana Kazandjiev



Existing site photos
Existing frontage 37'
Length of side 80'



Existing sign to be replaced with new EMC



Docket No. 5-34-24 (18605 Detroit)

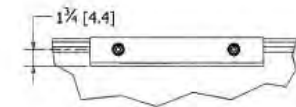
Electronic Messaging Board Signage - Kazandjiev



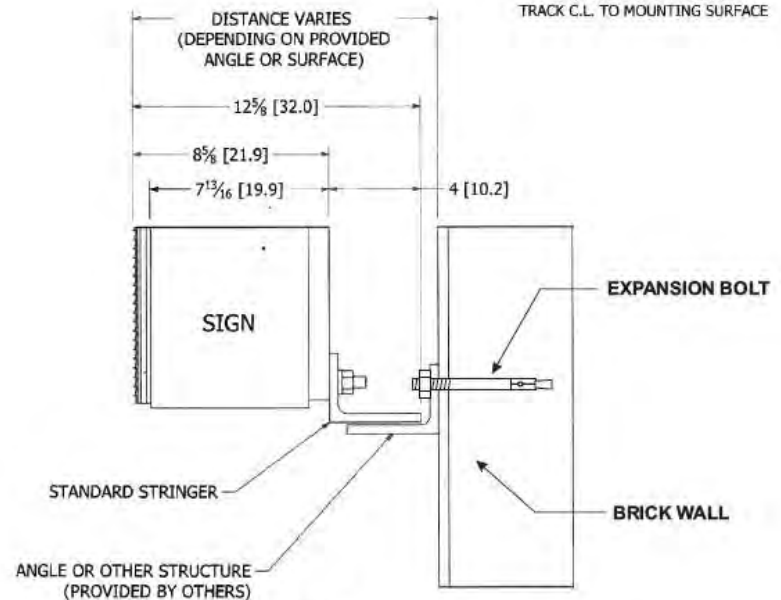
6'x 10' Viewable

S/F ELECTRONIC MESSAGE CENTER

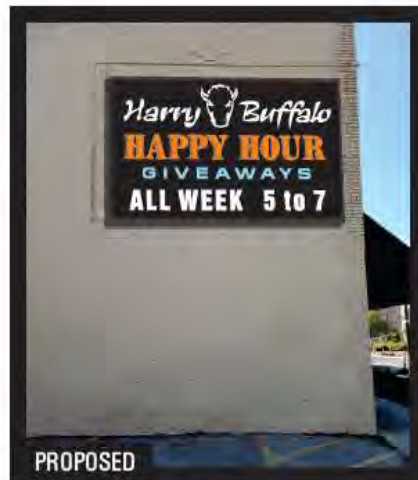
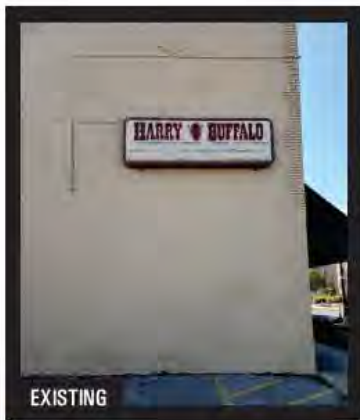
SCALE: 3/4" = 1'-0"



STRINGER MOUNT DETAIL
TRACK C.L. TO MOUNTING SURFACE



SIDE VIEW - STRINGER



COLOR NOTE:
EXACT COLORS TO BE VERIFIED BY CLIENT.
TYPICAL PANEL LOGOS & COLORS TO BE SUPPLIED BY CLIENT.
THE CLIENT OR USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, APPROVALS, AND REGULATORY AGENCIES FOR ALL SIGNAGE AND MESSAGE CENTER INSTALLATIONS. ALL PERMITS AND REGULATORY AGENCIES SHALL BE OBTAINED PRIOR TO INSTALLATION.



35280 LAKELAND BLVD.
EASTLAKE, OHIO 44095
www.agilesign.com
1-440-918-1311
FAX 1-440-918-1411

Customer: **HARRY BUFFALO**
Address: 18605 DETROIT AVE., LAKEWOOD, OHIO

Date: 1-11-22
rev. 3-28-24
Sign/Type: S/F EMC WALL SIGN

Sq. Ft: 60
Page #:

Title:

THIS DRAWING AND ITS CONTENTS ARE PROPERTY OF AGILE SIGNS, DUPLICATION OF ANY KIND IS PROHIBITED AND PUNISHABLE BY LAW.
Signature/Approval:
Date:



Docket No. 5-34-24 (18605 Detroit)
Electronic Messaging Board Signage - Kazandjiev



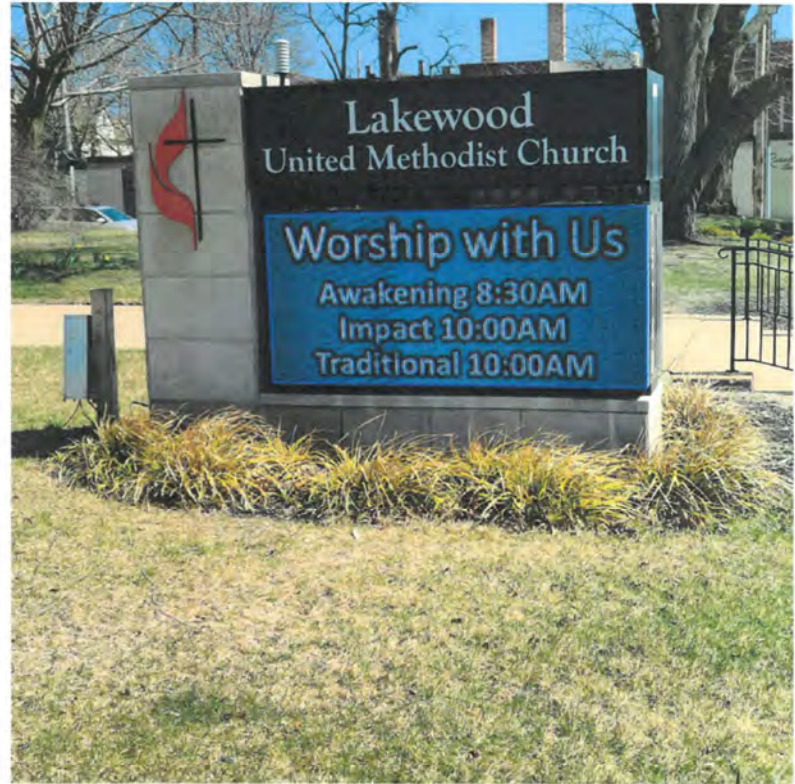
Docket No. 5-34-24 (18605 Detroit)
Electronic Messaging Board Signage - Kazandjiev

existing sign



17801 Detroit Ave Lakewood

existing sign



15700 Detroit Rd Lakewood



Docket No. 5-34-24 (18605 Detroit)
Electronic Messaging Board Signage - Kazandjiev



Lakewood High School

- Installed prior to 2007, prior to code



Beck Center

- Installed 2010 – 2011, prior to code

1329.05 (p) - Electronic Reader Boards (Ord. 2-16. Passed 4-18-2016.)

...Shall only be permitted as a part of Comprehensive Sign Plan as defined in Section 1329.05(q)*. Shall comply with all other regulations of this chapter including the design standards in this section, and the provisions for application for permits in Section 1329.12. When reviewing the proposed sign, the Board of Building Standards shall consider and establish the standards applicable for the electronic reader boards which may include, but are not limited to: determining the portion of the sign permitted for electronic reader boards; determining the suitable material and method for making changes and the manner for fastening the new copy; and establishing the color and design criteria. **Electronic reader board signs cannot flash, blink, scroll or strobe and are permitted to change copy once per hour. The electronic reader board portion of signage must be a subordinate portion of proposed signage.** These standards shall be set forth in the sign permit and shall apply for the life of the sign unless otherwise amended by the Board according to Section 1329.12.

*1325.05(q) - ...as part of a comprehensive rehabilitation or redevelopment of a commercially zoned site or building...

Example ABR Cases



August 2013 (Approval – Before 2016 Code):

- Docket 05-41-13
- 13030 Madison Avenue
- Grace Lutheran Church
- *“...the City was beginning to enforce the code requirements regarding flashing and color displays of the LED signs (single color, no flashing, no scrolling and no blinking) at other locations.”*



March 2019 (Approval – After 2016 Code):

- Docket No. 07-87-18
- 15700 Detroit Avenue
- Lakewood United Methodist Church
- Condition of approval *“...LED display will be a single color.”*



1329.03 CLASSIFICATION OF SIGNS.

(7) “Electronic Reader Board sign” means a sign designed to display a message or graphics electronically produced.

1329.05 DESIGN STANDARDS.

(p) Electronic Reader Boards. **Shall only be permitted as a part of Comprehensive Sign Plan as defined in Section 1329.05(q)**. Shall comply with all other regulations of this chapter...When reviewing the proposed sign, the Board of Building Standards shall consider and establish the standards applicable for the electronic reader boards which may include, but are not limited to: determining the portion of the sign permitted for electronic reader boards; determining the suitable material and method for making changes and the manner for fastening the new copy; and establishing the color and design criteria. **Electronic reader board signs cannot flash, blink, scroll or strobe and are permitted to change copy once per hour. The electronic reader board portion of signage must be a subordinate portion of proposed signage.** These standards shall be set forth in the sign permit and shall apply for the life of the sign unless otherwise amended by the Board according to Section 1329.12.

(q) Comprehensive Sign Plan. As part of a **comprehensive rehabilitation or redevelopment of a commercially zoned site or building**, the Board of Building Standards may approve special sign standards...



Docket No. 5-34-24 (18605 Detroit)
Electronic Messaging Board Signage - Kazandjiev

Applicant proposes new signage.

City Notes:

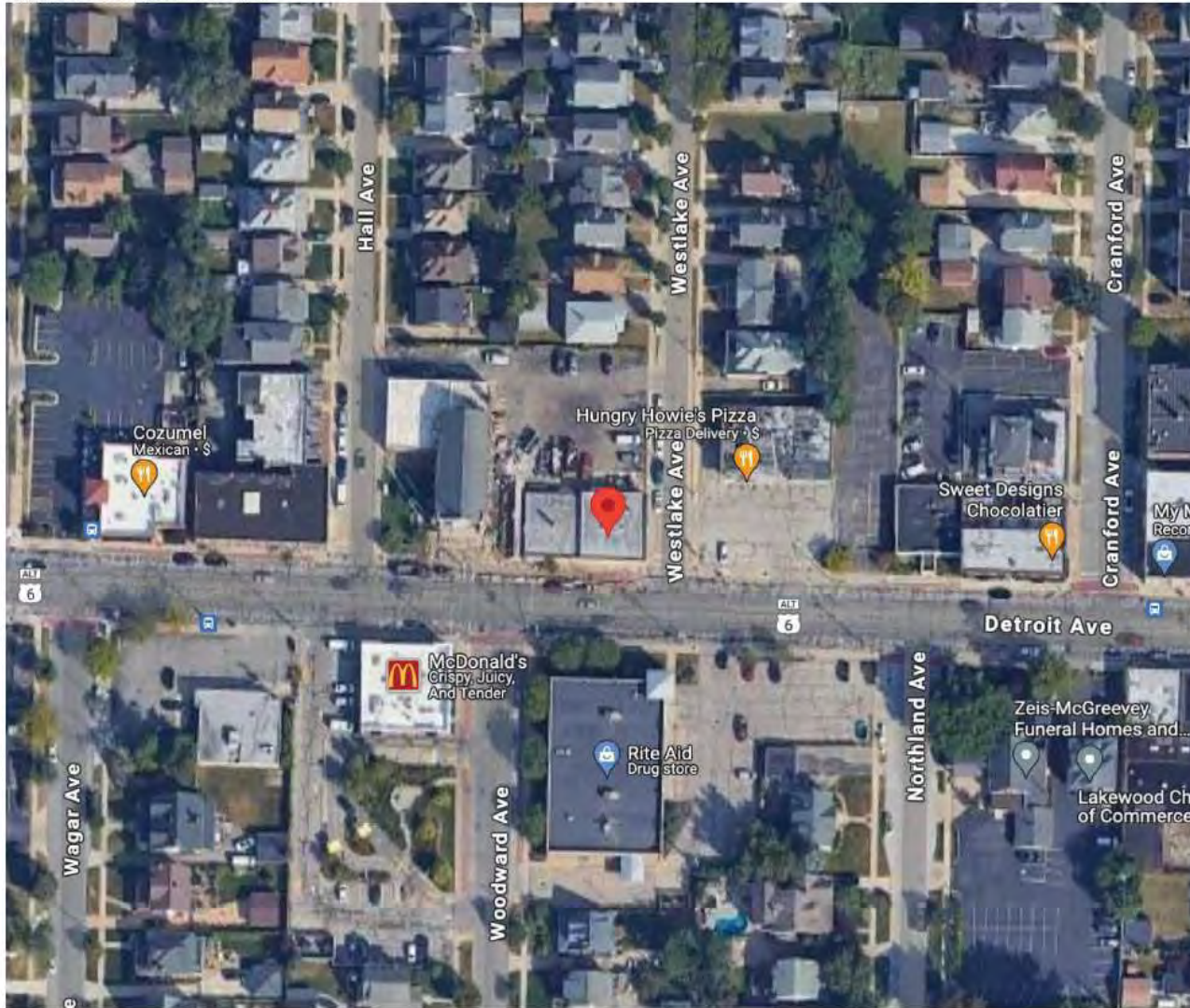
- Applicant proposes 1 illuminated blade sign (6.67 sq ft)
- Business frontage: 15 ft ; Max allowed signage: 22.5 sq ft
- Total proposed signage: 6.67 sq ft
- Previously approved blade signs on this storefront: 9 SF (Cleveland Bagel), 12.38 SF (Jersey Mike's)
- Any window signage must be approved by ABR before installation. None included in this proposal.



Docket No. 5-36-24 (16304 Detroit)

Signage – Lakewood Bottle Shop
Joe Palacek

LAKWOOD BOTTLE SHOP



SCOPE OF PROJECT

- i. One (1) double-sided illuminated blade sign



RECEIVED

By Mike Reilley at 7:41 am, Apr 16, 2024

COLORS



White

S24-000021



CMYK
83, 73, 42, 32



CMYK
100, 87, 42, 53



CMYK
43, 69, 36, 8



CMYK
58, 80, 57, 64



Black

City of Lakewood
Approved Plans
S24-000021
Christopher Parmelee
04/18/2024

***ALL MEASUREMENTS & MATERIALS ARE APPROXIMATE FOR PURPOSES OF VISUALIZATION, AND ARE SUBJECT TO CHANGE IF NECESSARY.**

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LAKWOOD BOTTLE SHOP
16300 DETROIT AVE, #110, LAKWOOD, OH 44107

VERSIONS
V1: 03/14/24
V2: 03/26/24

DATE
03/26/24

PROJECT MANAGER
ANNA A.

PAGE DESCRIPTION
LOCATION & SCOPE

PAGE NO.
1 OF 6



Docket No. 5-36-24 (16304 Detroit)
Signage - Palacek

MATERIALS

CABINET: 6" aluminum fabrication, painted black
FACES: 3/16" #2447 white acrylic w/ trim cap & vinyl graphics
TRIM CAP: 1" or 2" black
GRAPHICS: Digitally-printed translucent vinyl to match brand colors
LIGHTING: Internally-illuminated with 7500K white LEDs & 12V internal power supplies (*location of power supplies to be confirmed by installer; power to be brought within 6 ft of sign by customer*); UL listed w/ toggle switch
MOUNTING: 2" square horizontal aluminum mounting arm w/ 8" x 8" x 1/2" aluminum plate, painted black, bolted to fascia through mortar joints with appropriate hardware (*TBD by installer*)
PAINT: Std. black (satin)

COLORS

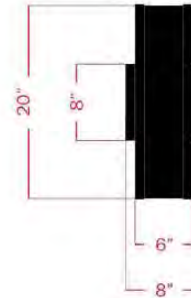
	White		CMYK 43, 69, 36, 8
	CMYK 83, 73, 42, 32		CMYK 58, 80, 57, 64
	CMYK 100, 87, 42, 53		Black

LAKEWOOD BOTTLE SHOP
 16300 DETROIT AVE, #110, LAKEWOOD, OH 44107

OVERALL DIMENSIONS 4'-0" W x 1'-8" H x 6" D <i>(excluding mounting)</i>	SCALE 1 : 10	DATE 03/26/2
SQUARE FOOTAGE 6.7 ft. ²		

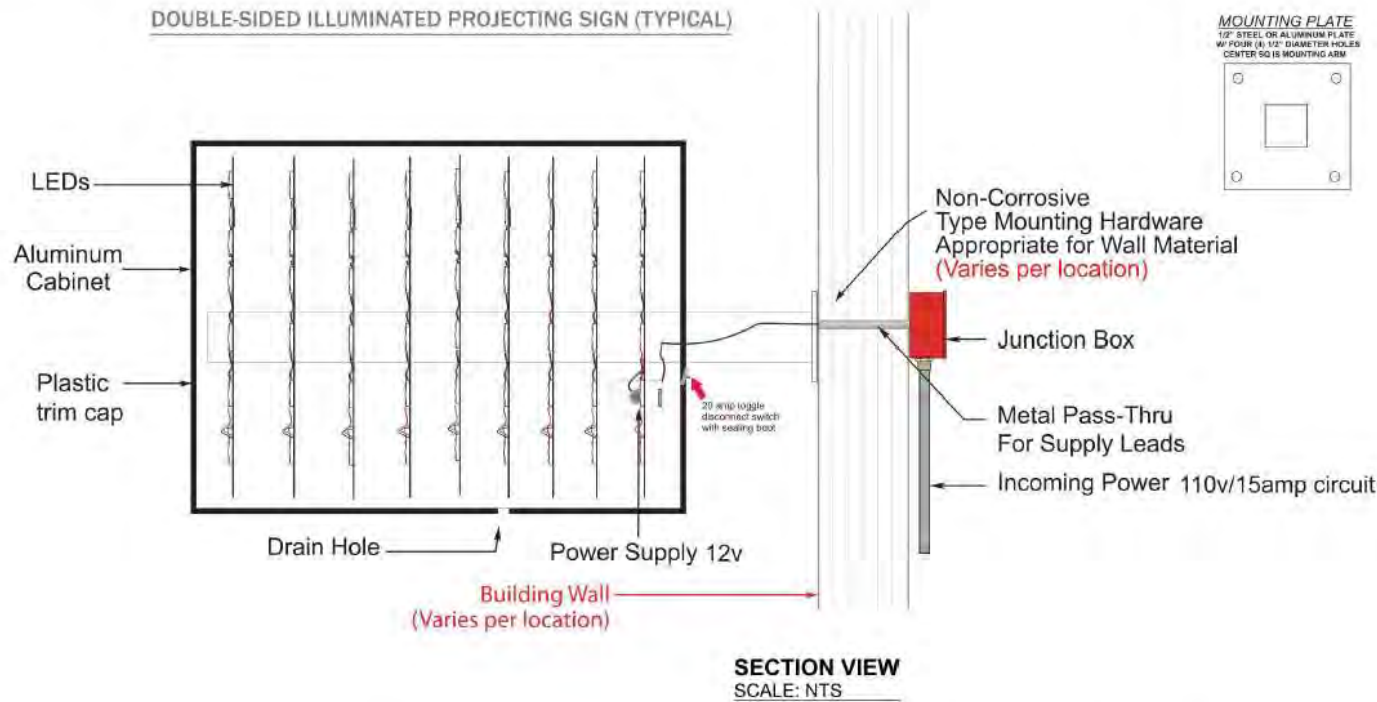


DIRECT SIDE VIEW



ORTHOGRAPHIC VIEW





Customer is to provide primary electrical to sign. Power to the sign must be done by a licensed electrical contractor or electrician. Each sign must have a minimum of one (1) dedicated 120V 20A circuit. Junction box must be installed within 6 feet of the sign. Whips provided by sign manufacturer to include three (3) wires: ground, line & neutral.

***ALL MEASUREMENTS & MATERIALS ARE APPROXIMATE FOR PURPOSES OF VISUALIZATION, AND ARE SUBJECT TO CHANGE IF NECESSARY.**

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<p>LAKEWOOD BOTTLE SHOP 16300 DETROIT AVE, #110, LAKEWOOD, OH 44107</p>	<p>OVERALL DIMENSIONS 4' - 0" W x 1' - 8" H x 6" D <i>(excluding mounting)</i> SQUARE FOOTAGE 6.7 ft.²</p>	<p>SCALE NOT TO SCALE</p>	<p>DATE 03/26/24</p>	<p>PROJECT MANAGER ANNA A.</p>	<p>PAGE DESCRIPTION SECTION-THROUGH</p>	<p>PAGE NO. 4 OF 6</p>
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Docket No. 5-36-24 (16304 Detroit)
Signage - Palacek



<p>LAKWOOD BOTTLE SHOP 16300 DETROIT AVE, #110, LAKEWOOD, OH 44107</p>	<p>OVERALL DIMENSIONS 4' - 0" W x 1' - 8" H x 6" D <i>(excluding mounting)</i> SQUARE FOOTAGE 6.7 ft.²</p>	<p>SCALE AS NOTED</p>	<p>DATE 03/26/24</p>	<p>PROJECT MANAGER ANNA A.</p>	<p>PAGE DESCRIPTION MOCK-UP - DAY TIME</p>	<p>PAGE NO. 5 OF 6</p>
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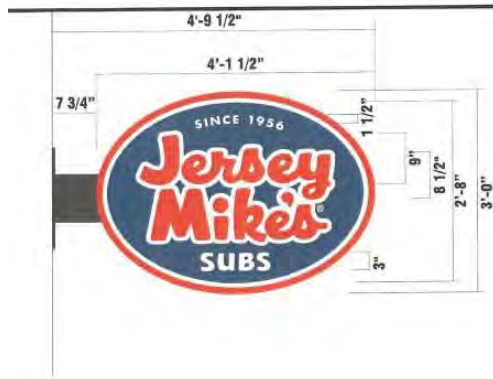
*ALL MEASUREMENTS & MATERIALS ARE APPROXIMATE FOR PURPOSES OF VISUALIZATION, AND ARE SUBJECT TO CHANGE IF NECESSARY.

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<p>LAKESWOOD BOTTLE SHOP 16300 DETROIT AVE, #110, LAKESWOOD, OH 44107</p>	<p>OVERALL DIMENSIONS 4' - 0" W x 1' - 8" H x 6" D <i>(excluding mounting)</i> SQUARE FOOTAGE 6.7 ft.²</p>	<p>SCALE AS NOTED</p>	<p>DATE 03/26/24</p>	<p>PROJECT MANAGER ANNA A.</p>	<p>PAGE DESCRIPTION MOCK-UP - NIGHT TIME</p>	<p>PAGE NO. 6 OF 6</p>
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Docket No. 5-36-24 (16304 Detroit)
Signage - Palacek



RECEIVED
By Mike Reilly at 3:28 pm, Feb 12, 2024

S24-000003

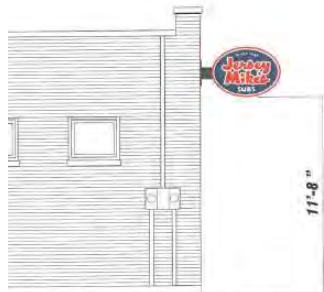
SIGN ELEVATION: 3/4"=1'-0"

Notes

- Manufacture & install one (1) double face, internally illuminated, oval cabinet projecting from the building using custom, bracket with steel plate; fastened through mortar joints
- Background of the faces of the oval cabinet to be painted blue PMS 534C; outline around the oval to be first surface, white vinyl; outer outline to be painted red PMS 485C; cabinet & trim to be painted red PMS 485C
- Copy reading "Jersey Mike's," to be routed out & backed up by white acrylic with first surface, translucent red 3630-33 vinyl; copy reading "SINCE 1956," & "SUBS," to be first surface, die cut vinyl
- Custom bracket & steel plate to be painted black

RATED 120 VOLTS

City of Lakewood
Approved Plans
S24-000003
Christopher Parmelee
02/14/2024



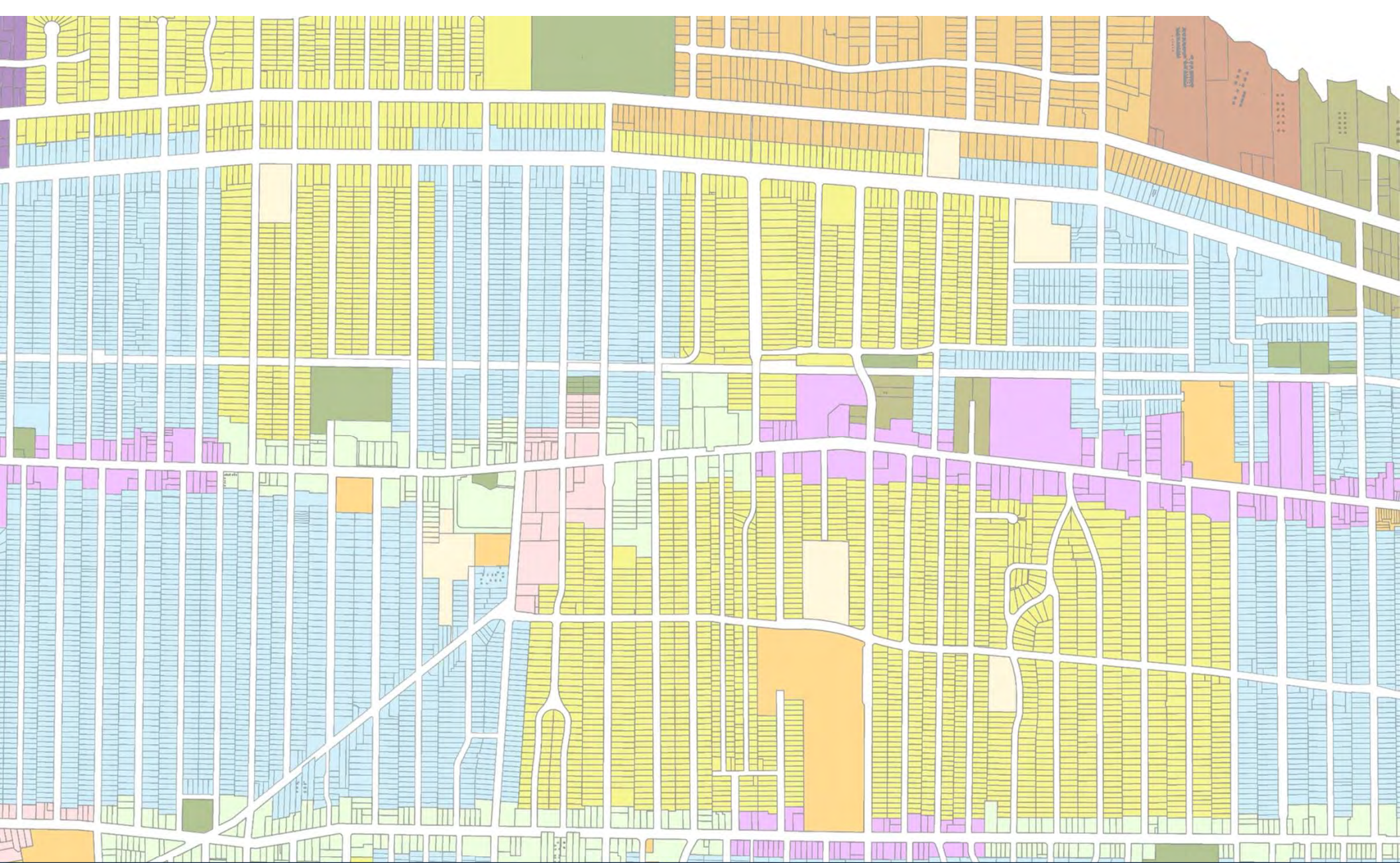
PARTIAL WEST ELEVATION 3/16"=1'-0"



PARTIAL SOUTH ELEVATION 3/16"=1'-0"



Docket No. 5-36-24 (16304 Detroit)
Signage - Palacek



Architectural Board of Review

May 2024

Applicant proposes new addition to side entrance of church.

City Notes:

N/A



Docket No. 5-40-24 (1375 West Clifton)
Side Entrance Addition – Lakewood Congregational Church
David Maddux



Docket No. 5-40-24 (1375 West Clifton)
Side Entrance Addition - Maddux



Docket No. 5-40-24 (1375 West Clifton)
Side Entrance Addition - Maddux



Docket No. 5-40-24 (1375 West Clifton)
Side Entrance Addition - Maddux



Docket No. 5-40-24 (1375 West Clifton)
Side Entrance Addition - Maddux





Docket No. 5-40-24 (1375 West Clifton)
Side Entrance Addition - Maddux



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Side Entrance Addition - Maddux



Docket No. 5-40-24 (1375 West Clifton)
Side Entrance Addition - Maddux



Docket No. 5-40-24 (1375 West Clifton)
Side Entrance Addition - Maddux



Docket No. 5-40-24 (1375 West Clifton)
Side Entrance Addition - Maddux

Site & Interior Improvements LAKEWOOD CONGREGATIONAL CHURCH

1375 West Clifton Boulevard

Lakewood, Ohio

PROJECT TEAM

PROPERTY OWNER:
CHURCH 1ST CONGREGATIONAL
OF LAKEWOOD
1375 WEST CLIFTON BOULEVARD
LAKEWOOD, OHIO 44107
(216) 221-2888

ARCHITECT:
THE ARCUS-GROUP, INC.
1244 SMITH COURT
ROCKY RIVER, OHIO 44116
DAVID MACOLLI, PRINCIPAL
dmacolli@arcusgroup.com
(440) 256-6333

INTERIOR DESIGNER:
RICHARDSON DESIGN
2670 EAST SUPERIOR AVENUE
CLEVELAND, OHIO 44114
SCOTT RICHARDSON
srichard@richardsondesign.com
(216) 896-6700

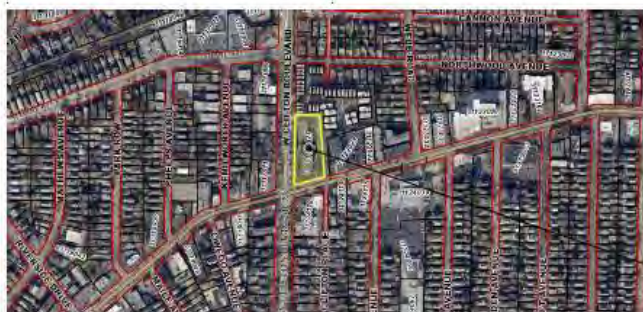
M.E.P. ENGINEERS:
DENK & ASSOCIATES, INC.
302 SAEY 200TH STREET
CLEVELAND, OHIO 44119
MIKE DENK, P.E. PRINCIPAL
mdenk@denkinc.com
(216) 521-4000

STRUCTURAL ENGINEER:
ORAVEC DESIGN/BUILD LLC
3020 RAVENNA ROAD - SUITE B
TWINSBURG, OHIO 44097
MATT ORAVEC, PE PRINCIPAL
matt@oravecdb.com
(330) 350-6211

LIGHTING CONSULTANT:
RF LIGHTING DESIGN
2566 GREEN ROAD
SHARON HEIGHTS, OHIO 44122
RON FRIEDMAN, LIGHTING DESIGNER
ron@rfrd.com
(216) 478-1130



EXTERIOR RENDERING



LOCATION MAP

DRAWING INDEX

TITLE	MECHANICAL
T1.1 TITLE SHEET, CODE ANALYSIS, RENDERING & LOCATION MAP	M1.0 MECHANICAL LEGENDS, NOTES & SPECIFICATIONS
CIVIL	M1.1 HVAC SCHEDULES
C1.0 BOUNDARY SURVEY	M2.0 MECHANICAL DEMOLITION PLAN
	M2.1 HVAC PLAN
ARCHITECTURAL	ELECTRICAL
A2.0 DEMOLITION PLAN	E1.0 ELECTRICAL LEGENDS, NOTES & SPECIFICATIONS
A2.1 LOWER LEVEL PLAN	E1.1 ELECTRICAL LIGHTING & PANEL SCHEDULES
A2.2 MAIN LEVEL PLAN	E2.0 ELECTRICAL DEMOLITION PLANS
A2.3 ENLARGED ENTRY PLAN	E2.1 ELECTRICAL POWER & LIGHTING PLANS
A3.1 REFLECTED CEILING PLANS	
A5.1 WALL SECTIONS, DETAILS & NOTES	PLUMBING
A5.2 WALL SECTIONS, DETAILS & NOTES	P1.0 PLUMBING LEGENDS, NOTES & SPECIFICATIONS
A5.3 DETAILS	P1.1 PLUMBING SCHEDULES
AT.1 DOOR SCHEDULE, FRAMES & TYPES	P2.1 PLUMBING PLANS
A11.1 ACCESSIBILITY STANDARDS, REQUIREMENTS & NOTES	
STRUCTURAL	INTERIOR DESIGN
S1.1 LOWER LEVEL STRUCTURAL PLAN	ID1.0 LOWER LEVEL FINISH PLAN
S1.2 MAIN LEVEL STRUCTURAL PLAN	ID1.1 MAIN LEVEL FINISH PLAN
S2.1 STRUCTURAL NOTES & DETAILS	ID3.0 ELEVATIONS

GENERAL NOTES

CONTRACTOR IS REQUIRED TO COMPLY WITH THE LATEST EDITIONS OF ALL APPLICABLE CODES AND REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF LAKEWOOD AND THE OHIO DEPARTMENT OF PUBLIC SAFETY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF LAKEWOOD AND THE OHIO DEPARTMENT OF PUBLIC SAFETY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF LAKEWOOD AND THE OHIO DEPARTMENT OF PUBLIC SAFETY.

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Index to Drawing Symbols

MECHANICAL	ELECTRICAL	PLUMBING	STRUCTURAL	INTERIOR DESIGN
MECHANICAL	ELECTRICAL	PLUMBING	STRUCTURAL	INTERIOR DESIGN
MECHANICAL	ELECTRICAL	PLUMBING	STRUCTURAL	INTERIOR DESIGN
MECHANICAL	ELECTRICAL	PLUMBING	STRUCTURAL	INTERIOR DESIGN

CODE ANALYSIS

1. FEDERAL AND STATE CODES	2. CITY OF LAKEWOOD ORDINANCES
1. FEDERAL AND STATE CODES	2. CITY OF LAKEWOOD ORDINANCES
1. FEDERAL AND STATE CODES	2. CITY OF LAKEWOOD ORDINANCES
1. FEDERAL AND STATE CODES	2. CITY OF LAKEWOOD ORDINANCES



Docket No. 5-40-24 (1375 West Clifton)
Side Entrance Addition - Maddux

PRELIMINARY NOT FOR CONSTRUCTION

DATE: 05/15/24

LAKEWOOD CONGREGATIONAL CHURCH

UNITED CHURCH OF CHRIST

LAKEWOOD CONGREGATIONAL CHURCH

1375 W. Clifton Boulevard

LAKEWOOD, OHIO

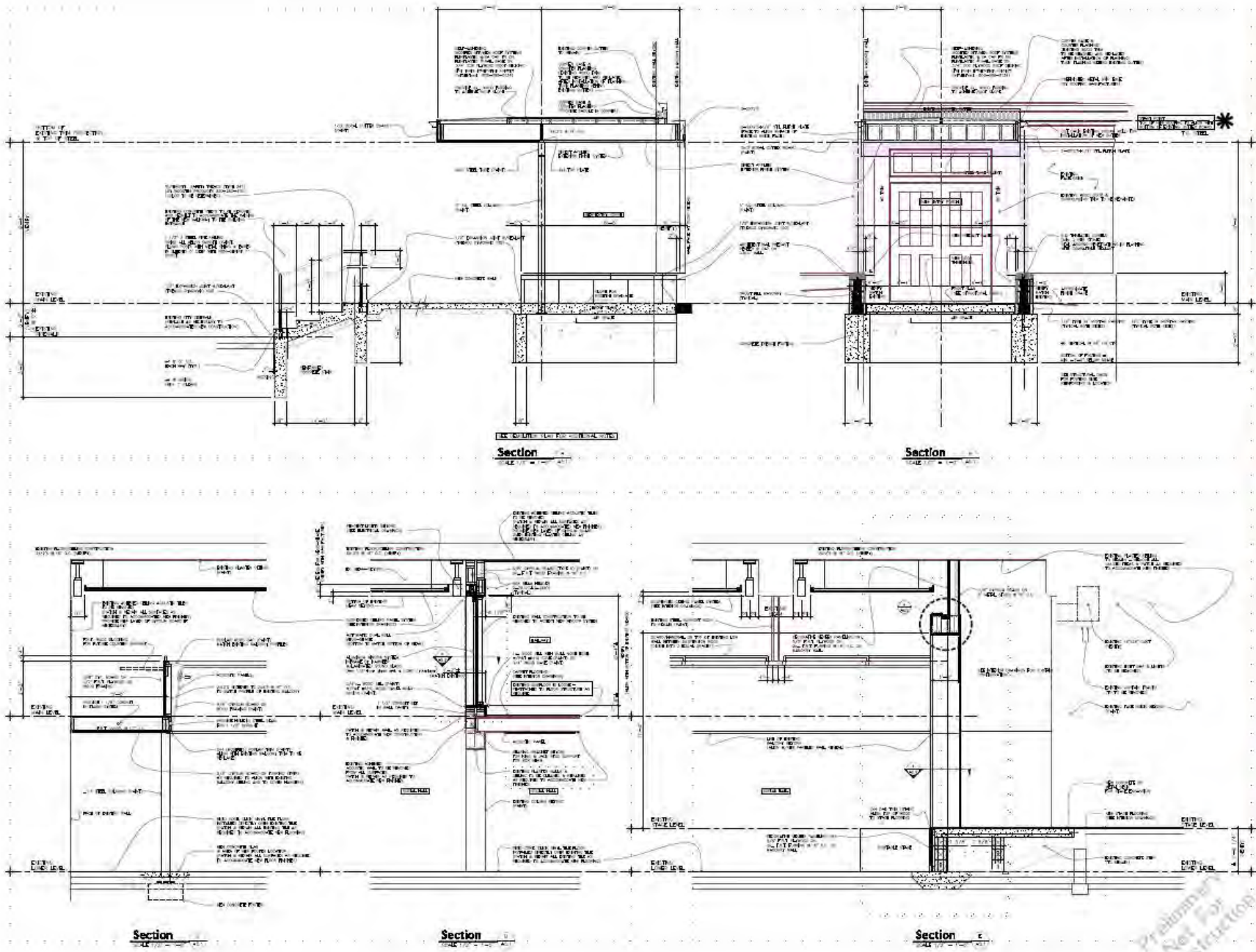
DATE: 05/15/24

PROJECT NO: 2024

DRAWN BY: [Name]

CHECKED BY: [Name]

T1.1



PRELIMINARY
NOT FOR
CONSTRUCTION

LAKESIDE CHURCH
OF CHRIST

LAKWOOD CONGREGATIONAL
CHURCH

SITE 6 INTERIOR IMPROVEMENTS
1375 W. Clifton Boulevard
Lakewood, Ohio

The Arcus Group, Inc.
Architectural Firm

Wall Sections,
Details & Notes

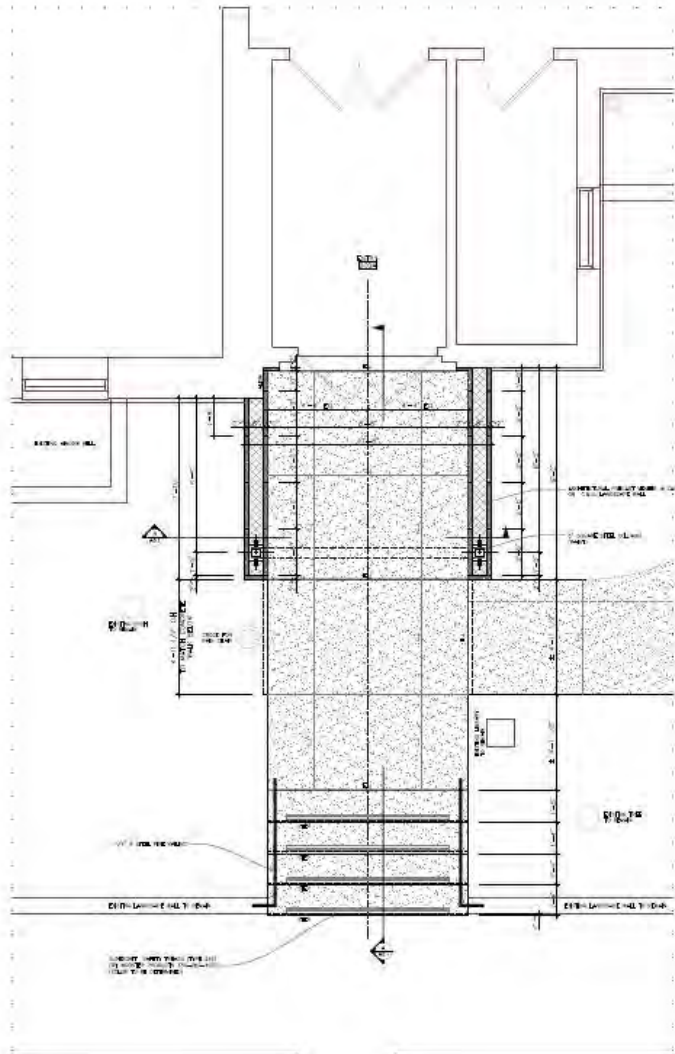
A5.1

Sheet List &
APPENDIX D

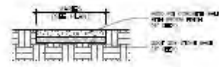
PROJECT NO.: 1375
DRAWN BY: JLD
DATE: 09/10/14



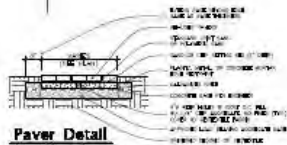
Docket No. 5-40-24 (1375 West Clifton) Side Entrance Addition - Maddux



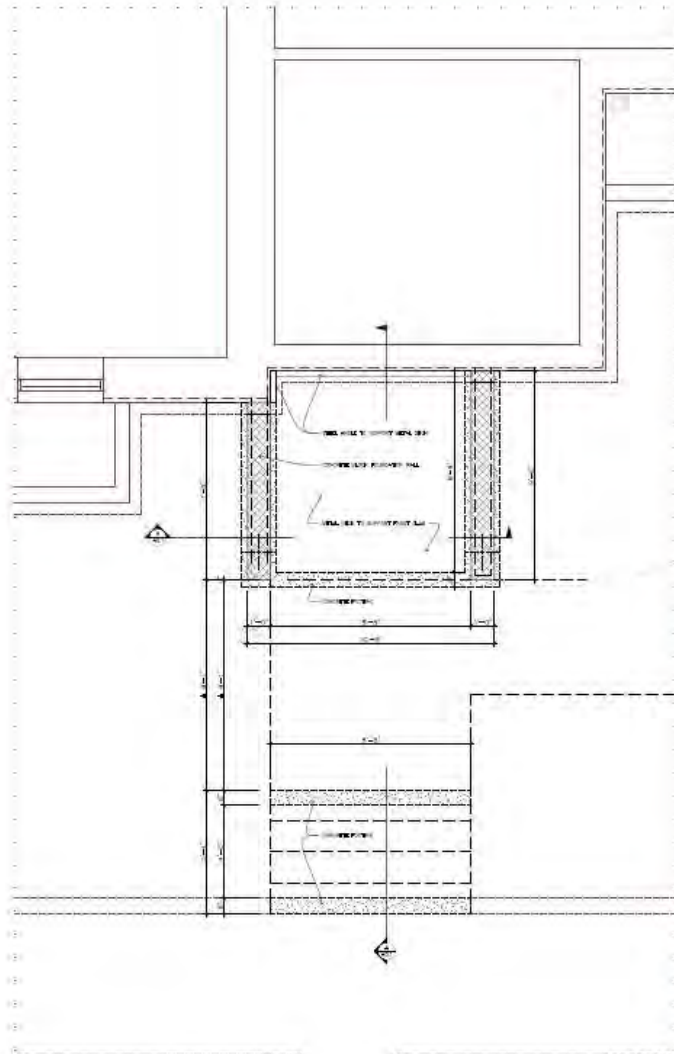
Enlarged Entry Plan
SCALE: 1/8" = 1'-0"



Sidewalk Detail
SCALE: 1/4" = 1'-0"



Paver Detail
SCALE: 1/4" = 1'-0"



Enlarged Entry Foundation Plan
SCALE: 1/8" = 1'-0"

PRELIMINARY
NOT FOR
CONSTRUCTION

LAKWOOD CONGREGATIONAL CHURCH

 UNITED CHURCH OF CHRIST

LAKWOOD CONGREGATIONAL CHURCH
 SITE 5 INTERIOR IMPROVEMENTS
 1375 W. Clifton Boulevard
 Lakewood, Ohio


 The Architect Group, Inc.
 1375 W. Clifton Boulevard
 Lakewood, Ohio 44130
 Phone: 440.285.1100
 Fax: 440.285.1101
 Website: www.thearchitectgroup.com

Enlarged Entry Plan

A2.3

PROJECT NO. _____
 DRAWN BY _____
 CHECKED BY _____

Preliminary
Not For
Construction



Docket No. 5-40-24 (1375 West Clifton)

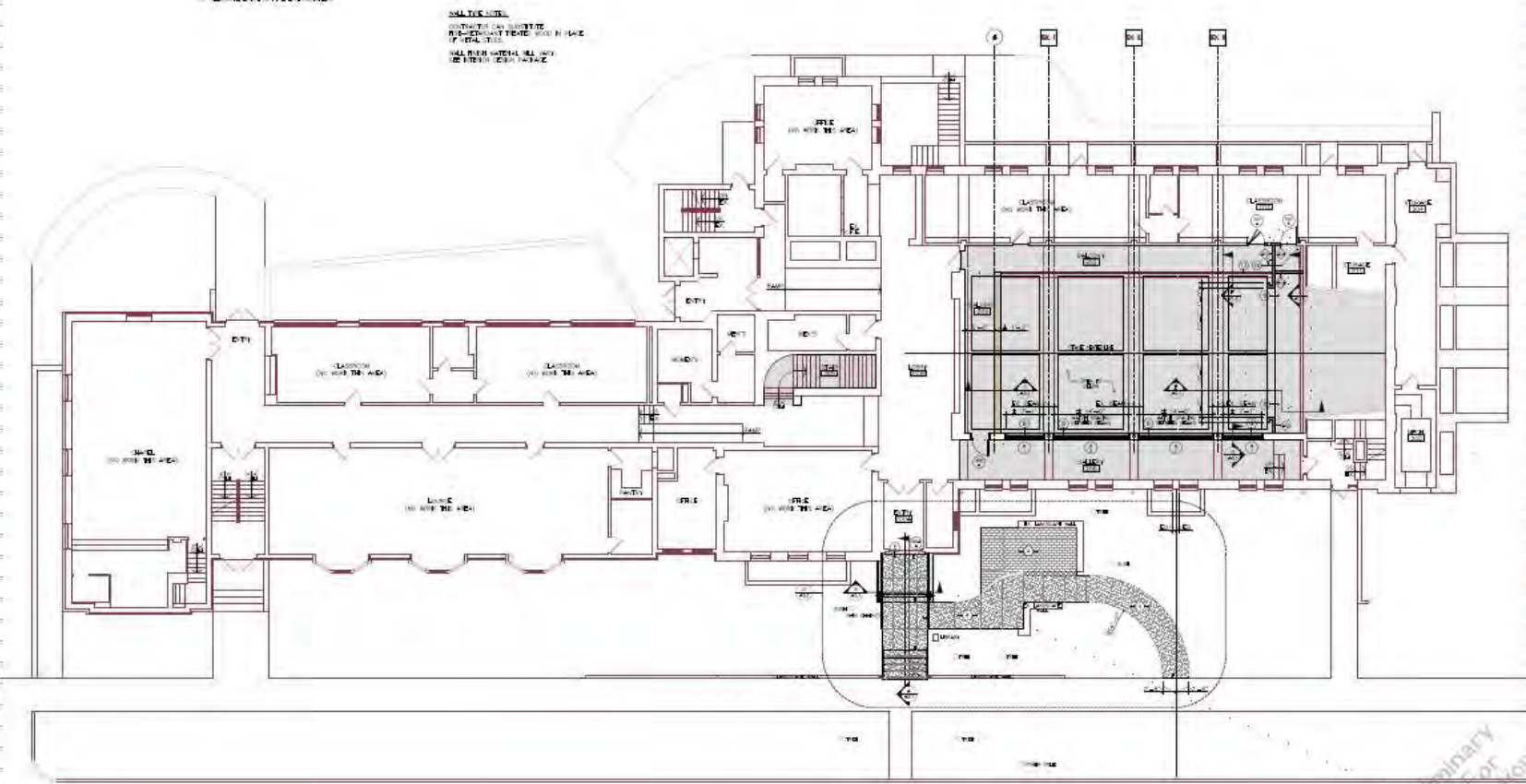
Side Entrance Addition - Maddux

Plan Notes (continued)

- 1. NEW INTERIOR WALLS TO BE FINISHED WITH 5/8" GYP BOARD.
- 2. NEW INTERIOR WALLS TO BE FINISHED WITH 5/8" GYP BOARD.
- 3. NEW INTERIOR WALLS TO BE FINISHED WITH 5/8" GYP BOARD.
- 4. NEW INTERIOR WALLS TO BE FINISHED WITH 5/8" GYP BOARD.
- 5. NEW INTERIOR WALLS TO BE FINISHED WITH 5/8" GYP BOARD.
- 6. NEW INTERIOR WALLS TO BE FINISHED WITH 5/8" GYP BOARD.
- 7. NEW INTERIOR WALLS TO BE FINISHED WITH 5/8" GYP BOARD.
- 8. NEW INTERIOR WALLS TO BE FINISHED WITH 5/8" GYP BOARD.
- 9. NEW INTERIOR WALLS TO BE FINISHED WITH 5/8" GYP BOARD.
- 10. NEW INTERIOR WALLS TO BE FINISHED WITH 5/8" GYP BOARD.
- 11. NEW INTERIOR WALLS TO BE FINISHED WITH 5/8" GYP BOARD.
- 12. NEW INTERIOR WALLS TO BE FINISHED WITH 5/8" GYP BOARD.
- 13. NEW INTERIOR WALLS TO BE FINISHED WITH 5/8" GYP BOARD.
- 14. NEW INTERIOR WALLS TO BE FINISHED WITH 5/8" GYP BOARD.
- 15. NEW INTERIOR WALLS TO BE FINISHED WITH 5/8" GYP BOARD.
- 16. NEW INTERIOR WALLS TO BE FINISHED WITH 5/8" GYP BOARD.
- 17. NEW INTERIOR WALLS TO BE FINISHED WITH 5/8" GYP BOARD.
- 18. NEW INTERIOR WALLS TO BE FINISHED WITH 5/8" GYP BOARD.
- 19. NEW INTERIOR WALLS TO BE FINISHED WITH 5/8" GYP BOARD.
- 20. NEW INTERIOR WALLS TO BE FINISHED WITH 5/8" GYP BOARD.

Wall Types

- 1. FINISH INTERIOR WALL CONSTRUCTION
- 2. FINISH INTERIOR WALL CONSTRUCTION
- 3. FINISH INTERIOR WALL CONSTRUCTION
- 4. FINISH INTERIOR WALL CONSTRUCTION
- 5. FINISH INTERIOR WALL CONSTRUCTION
- 6. FINISH INTERIOR WALL CONSTRUCTION
- 7. FINISH INTERIOR WALL CONSTRUCTION
- 8. FINISH INTERIOR WALL CONSTRUCTION
- 9. FINISH INTERIOR WALL CONSTRUCTION
- 10. FINISH INTERIOR WALL CONSTRUCTION
- 11. FINISH INTERIOR WALL CONSTRUCTION
- 12. FINISH INTERIOR WALL CONSTRUCTION
- 13. FINISH INTERIOR WALL CONSTRUCTION
- 14. FINISH INTERIOR WALL CONSTRUCTION
- 15. FINISH INTERIOR WALL CONSTRUCTION
- 16. FINISH INTERIOR WALL CONSTRUCTION
- 17. FINISH INTERIOR WALL CONSTRUCTION
- 18. FINISH INTERIOR WALL CONSTRUCTION
- 19. FINISH INTERIOR WALL CONSTRUCTION
- 20. FINISH INTERIOR WALL CONSTRUCTION



Main Level Plan

PRELIMINARY
NOT FOR
CONSTRUCTION

LAKELAND CONGREGATIONAL
CHURCH

SITE 6 INTERIOR IMPROVEMENTS
1375 W. Clifton Boulevard
Lakewood, Ohio

Main Level Plan

A2.2

PROJECT NO. 1375 CLIFTON
DRAWN BY: [Name]
CHECKED BY: [Name]



Docket No. 5-40-24 (1375 West Clifton)
Side Entrance Addition - Maddux

Applicant proposes two story addition to residential structure.

City Notes:

- Need cut sheets for proposed windows/doors and any proposed lighting
- Has obtained BZA approval for side yard and combined side yard setbacks.



Docket No. 5-41-24 (1246 Manor Park)

**Two Story Addition
Charles McGettrick**



Docket No. 5-41-24 (1246 Manor Park)
Two Story Addition - McGettrick





Docket No. 5-41-24 (1246 Manor Park)
Two Story Addition - McGettrick



Docket No. 5-41-24 (1246 Manor Park)
Two Story Addition - McGettrick



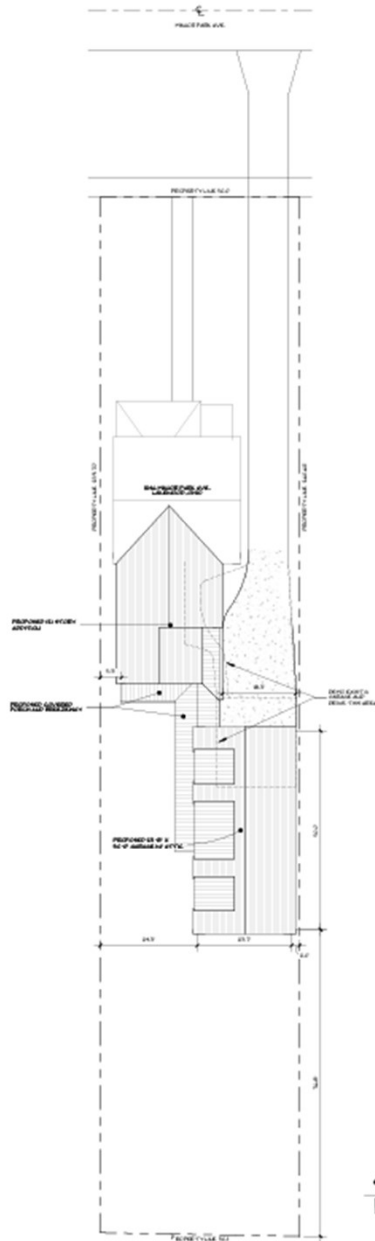
Docket No. 5-41-24 (1246 Manor Park)
Two Story Addition - McGettrick



Docket No. 5-41-24 (1246 Manor Park)
Two Story Addition - McGettrick



Docket No. 5-41-24 (1246 Manor Park)
Two Story Addition - McGettrick



SITE PLAN
1/8" = 1'-0"

DATE: 4/17/24
REVISIONS:

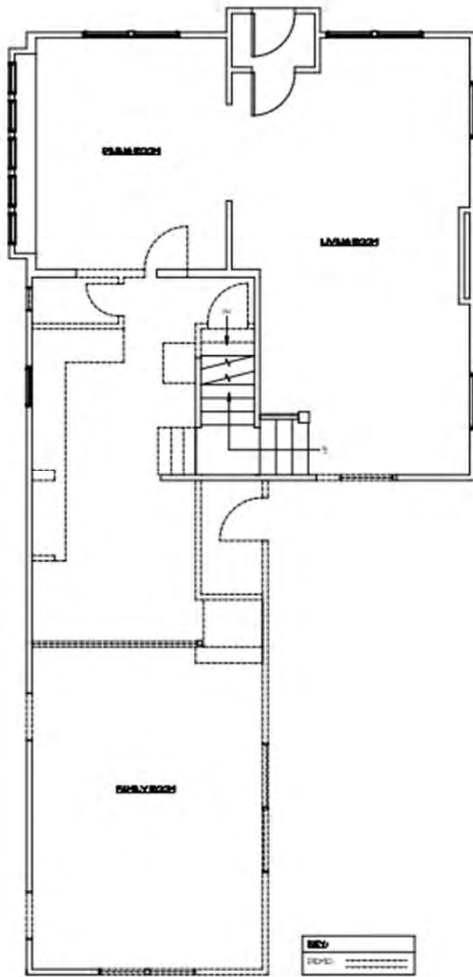
NOT FOR CONSTRUCTION

ESSI RESIDENCE
1246 Manor Park Ave. Lakewood, Ohio 44107
ARCHITECTS, C.A. McGETTRICK, LLC
14551 Madison Ave. Lakewood, Ohio 44107 216-227-0700 FAX: 216-227-0712

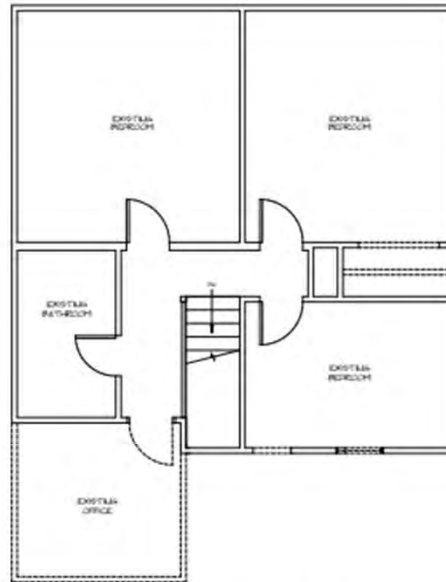
COMMISSIONED:
2024
CHARLES McGETTRICK, JR. #7790
EXPIRES DATE 6/30/24

SP

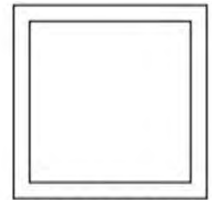
Docket No. 5-41-24 (1246 Manor Park)
Two Story Addition - McGettrick



FIRST FLOOR DEMO PLAN
1/4" = 1'-0"



SECOND FLOOR DEMO PLAN
1/4" = 1'-0"



DATE: 4/17/24
REVISIONS

NOT FOR CONSTRUCTION

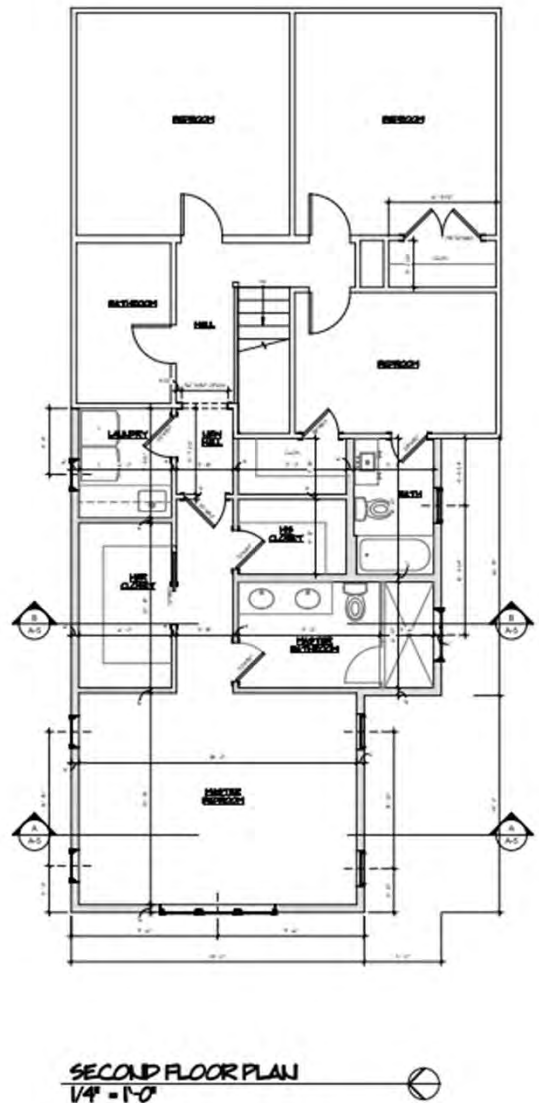
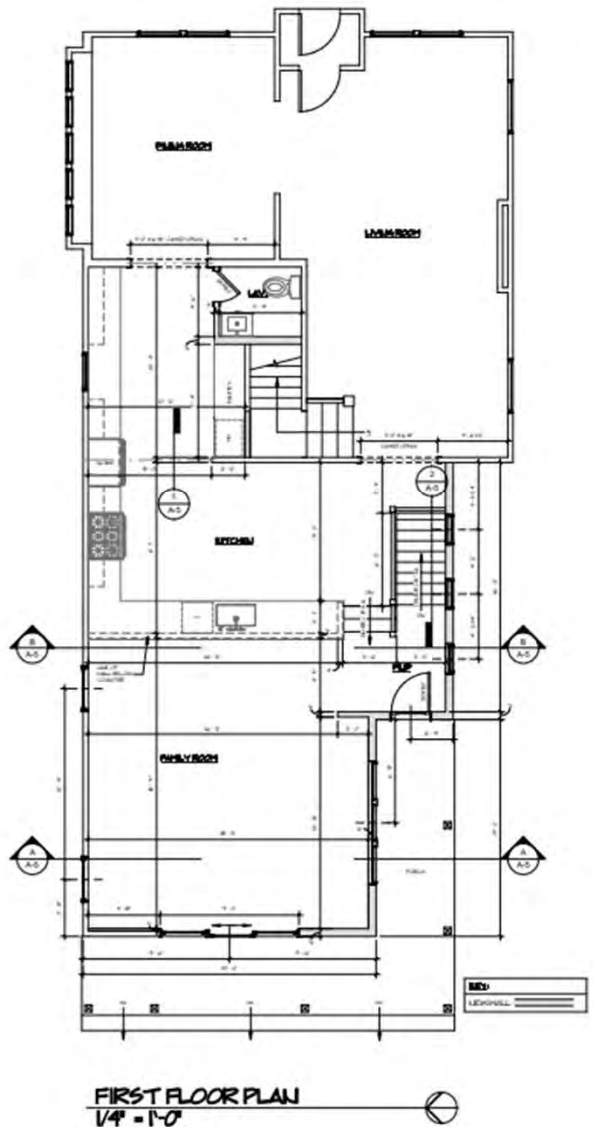
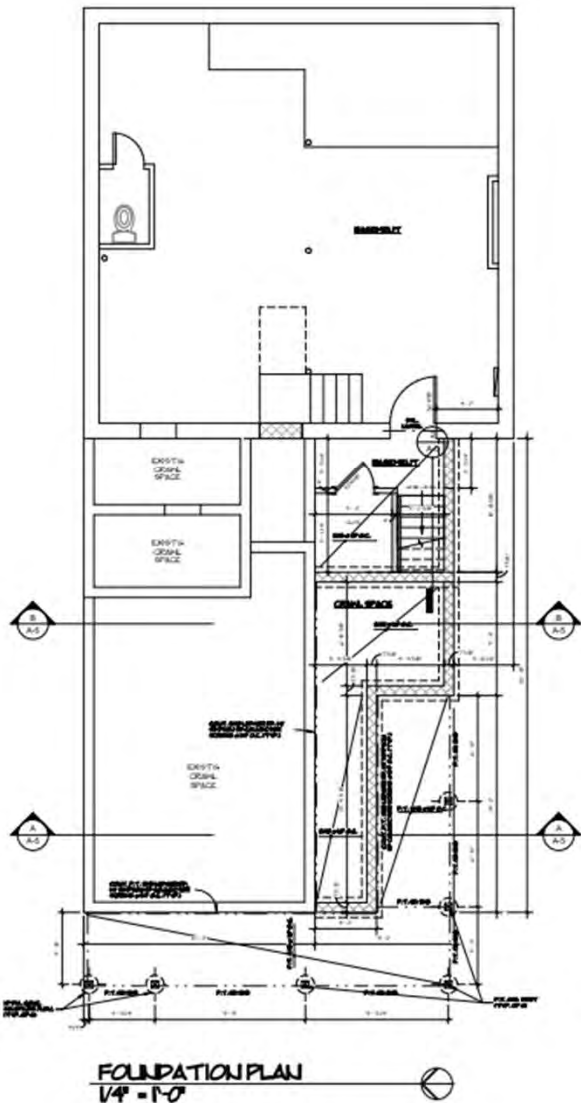
ESS1 RESIDENCE
 1246 Manor Park Ave., Lakewood, Ohio 44117
ARCHITECTS, C.A. McGETTRICK, LLC
 14511 Madison Ave., Lakewood, Ohio 44117 | 216-227-0700 | FAX: 216-227-1472

COMMERCIAL
 2027
 CHARLES McGETTRICK, P.E.
 ENGINEER & ARCHITECT



Docket No. 5-41-24 (1246 Manor Park)

Two Story Addition - McGettrick



DATE: 4/17/24
 REVISIONS:
 NOT FOR CONSTRUCTION

FSSI RESIDENCE
 1246 Manor Park Ave., Lakewood, Ohio 44117

ARCHITECTS, C.A. McGETTRICK, LLC
 4551 Madison Ave., Lakewood, Ohio 44117 | 216-227-6070 | FAX: 216-227-0712

COMMISSIONED:
 5.2.2.7
 CHARLES HEAT TROCK JR. 7708
 B. S. B. B. B.



Docket No. 5-41-24 (1246 Manor Park)

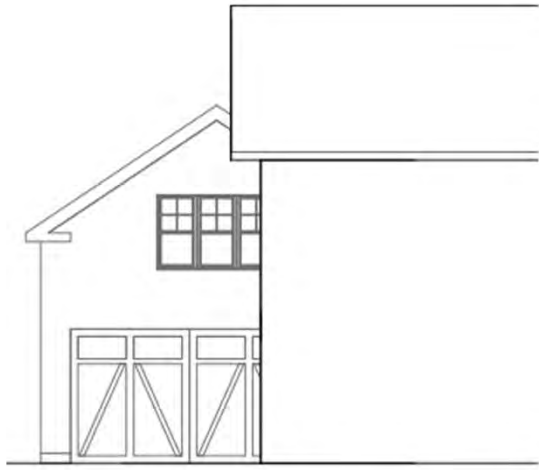
Two Story Addition - McGettrick



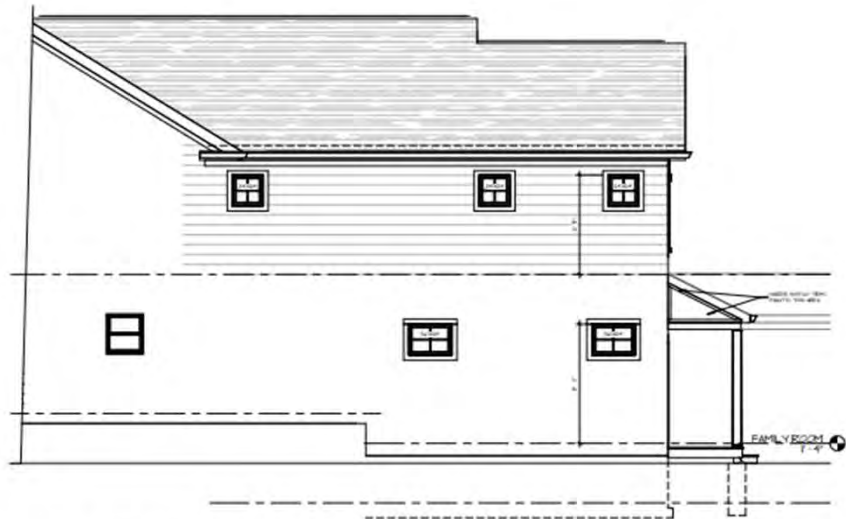
SOUTH ELEVATION
1/4" = 1'-0"



WEST ELEVATION
1/4" = 1'-0"



PARTIAL EAST ELEVATION
1/4" = 1'-0"



NORTH ELEVATION
1/4" = 1'-0"

NOT FOR
CONSTRUCTION

ESSI RESIDENCE
1246 Manor Park Ave., Lakewood, Ohio 44117
ARCHITECTS, C.A. McGETTRICK, LLC
14531 Madrasquin Ave., Lakewood, Ohio 44147 216-227-0700 FAX: 216-227-0712

COMMISSIONED
2.22.17
CHARLES McGETTRICK, JR. 17708
Borwick Rd. # 200

A-1



Docket No. 5-41-24 (1246 Manor Park)

Two Story Addition - McGettrick



SOUTH ELEVATION
1/4" = 1'-0"



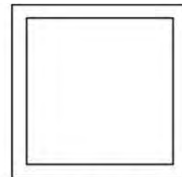
WEST ELEVATION
1/4" = 1'-0"



NORTH ELEVATION
1/4" = 1'-0"



- LIST OF EXISTING DETAILS TO MATCH**
- 1) MATCH EXISTING EAVE RETURNS & GABLE ELP'S
 - 2) MATCH EXISTING TRIM SIZE & DETAILS # ALL WINDOW ALL FLOORS
 - 3) MATCH EXISTING EXTERIOR SIPRAK REVEAL

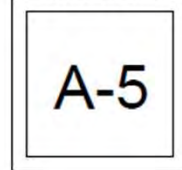


DATE: 05/24
REVISIONS:

NOT FOR CONSTRUCTION

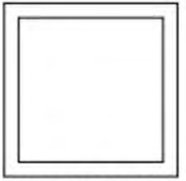
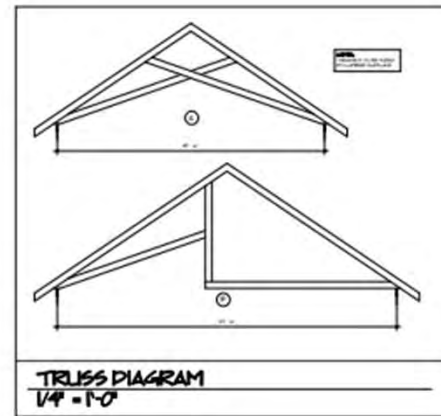
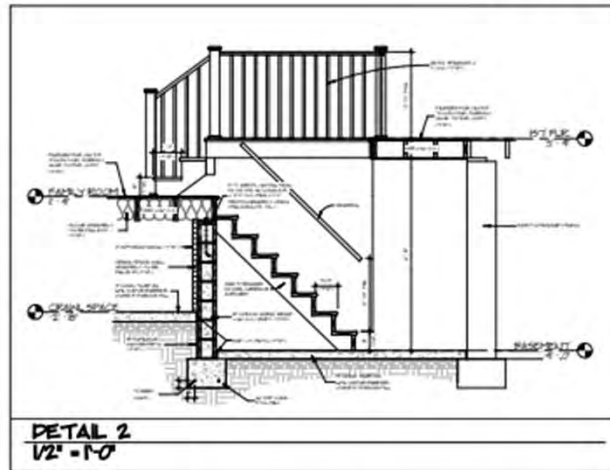
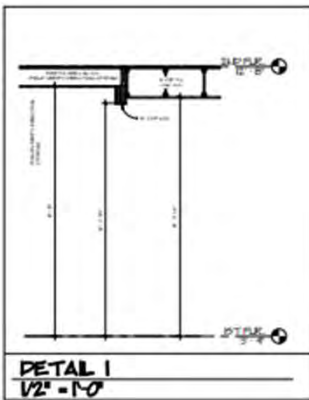
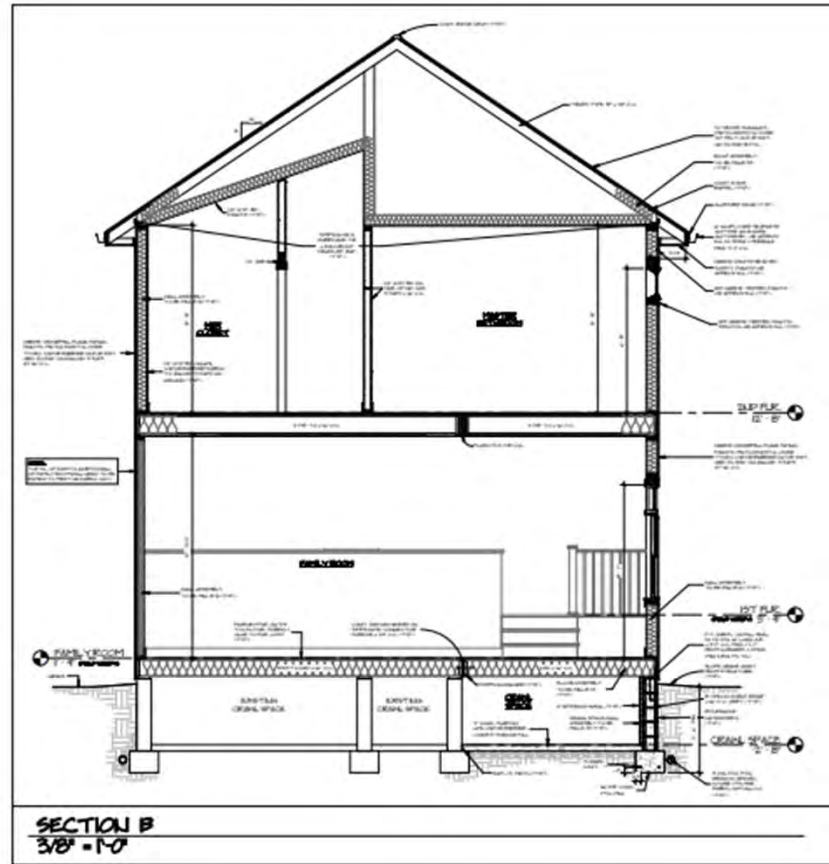
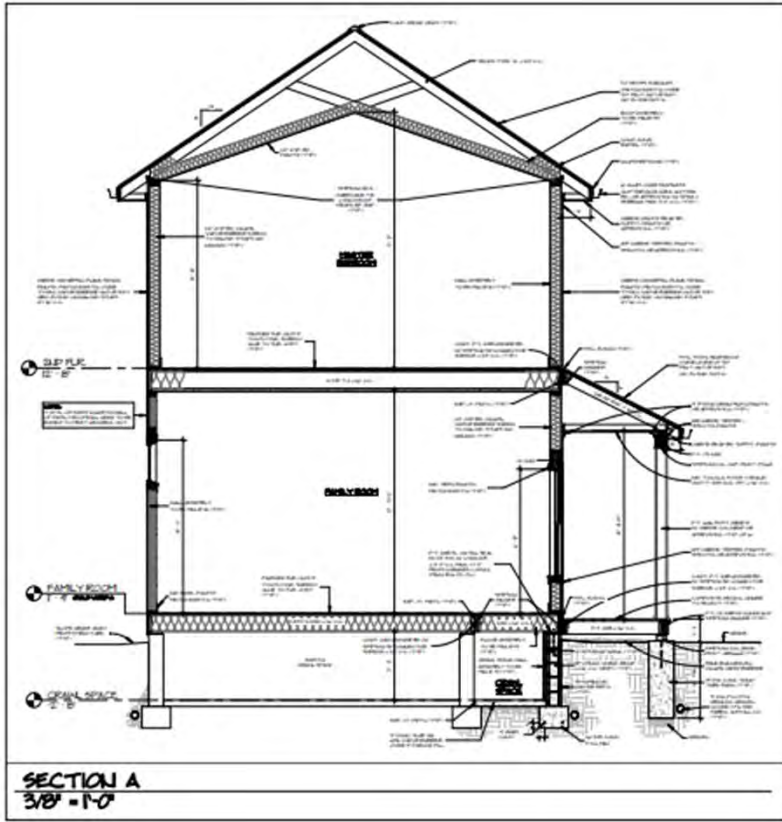
ESSI RESIDENCE
 1246 Manor Park Ave., Lakewood, Ohio 44107
ARCHITECTS, C.A. McGETTRICK, LLC
 4511 Madison Ave., Lakewood, Ohio 44107 | 419-227-0700 | FAX: 419-227-0772

COMMISSIONED:
 2027
 SWANSON PROPERTIES
 6050 STATE ST.



Docket No. 5-41-24 (1246 Manor Park)

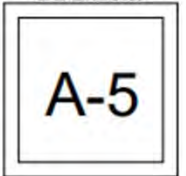
Two Story Addition - McGettrick



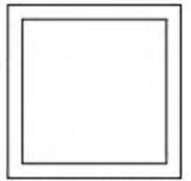
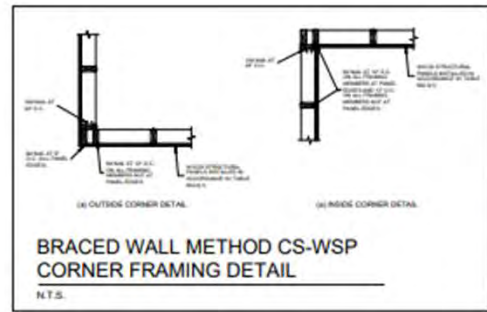
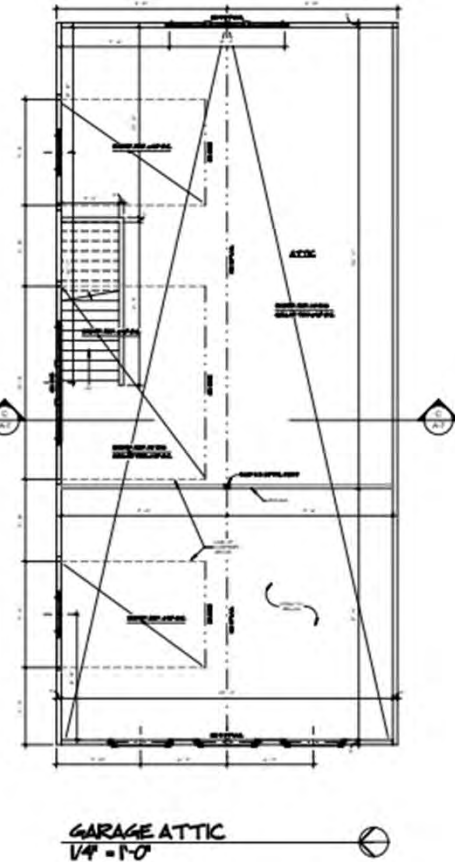
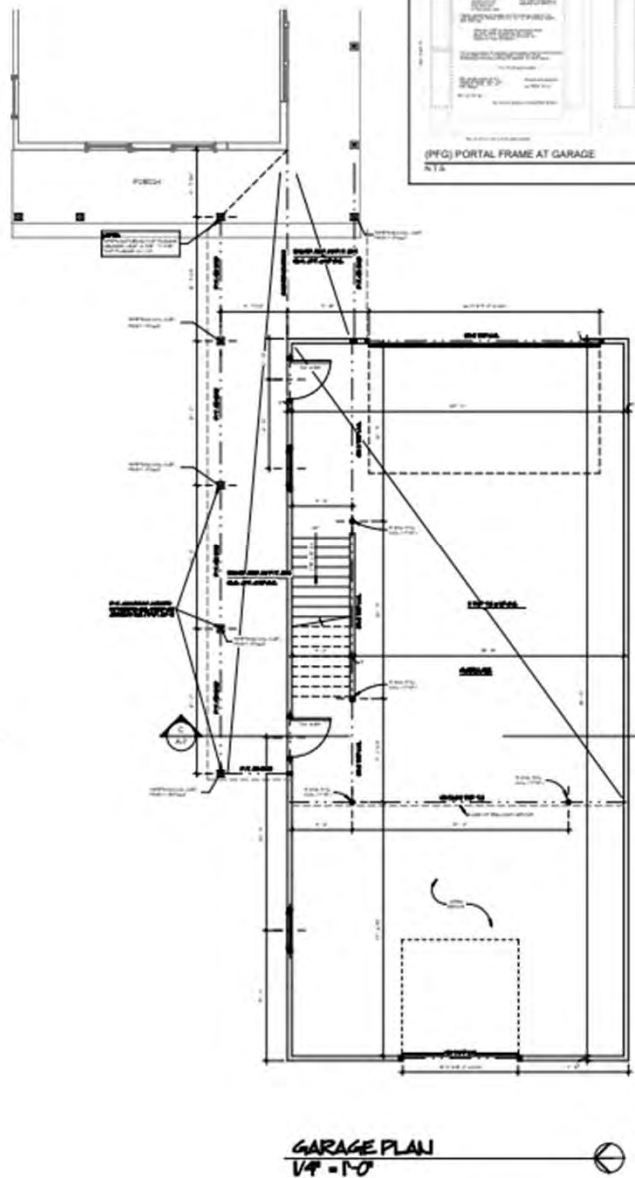
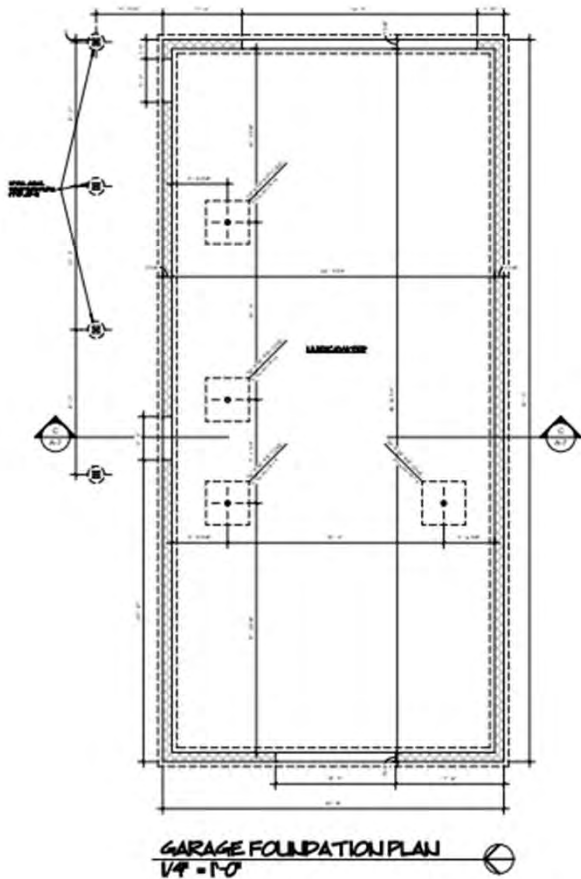
DATE: 4/17/24
REVISIONS:
NOT FOR CONSTRUCTION

ESSI RESIDENCE
1246 Manor Park Ave., Lakewood, Ohio 44117
ARCHITECTS: C.A. McGETTRICK, LLC
1455 Hilltop Road, Lakewood, Ohio 44117 | 316.227.4700 FAX: 316.227.0712

COMPILING:
C.A. McGETTRICK, LLC
C.A. McGETTRICK, ARCHITECT



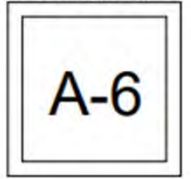
Docket No. 5-41-24 (1246 Manor Park)
Two Story Addition - McGettrick



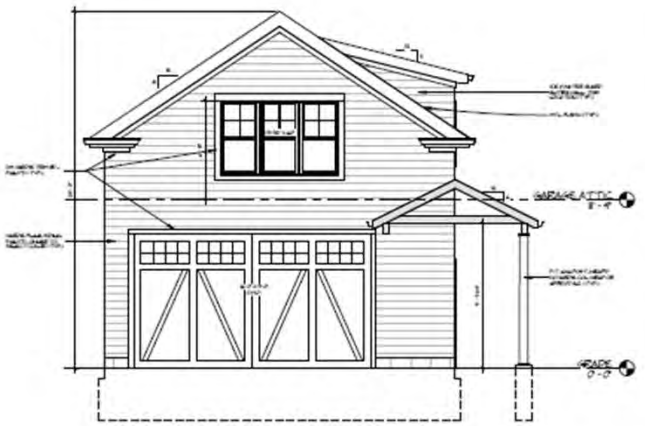
DATE: 4/17/24
REVISIONS:
NOT FOR CONSTRUCTION

ESSI RESIDENCE
1246 Manor Park Ave., Lakewood, Ohio 44107
ARCHITECTS, C.A. McGETTRICK LLC
14511 Madison Ave., Lakewood, Ohio 44107 | 216-227-10700 | FAX: 216-227-10712

COMMERCIAL
SECTION
CONSTRUCTION SPECIFICATIONS



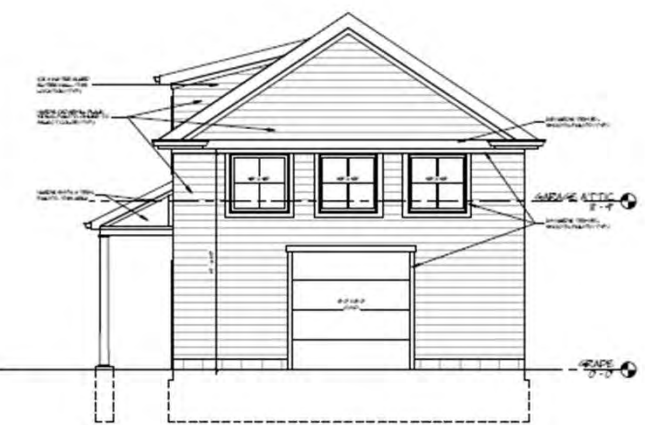
Docket No. 5-41-24 (1246 Manor Park)
Two Story Addition - McGettrick



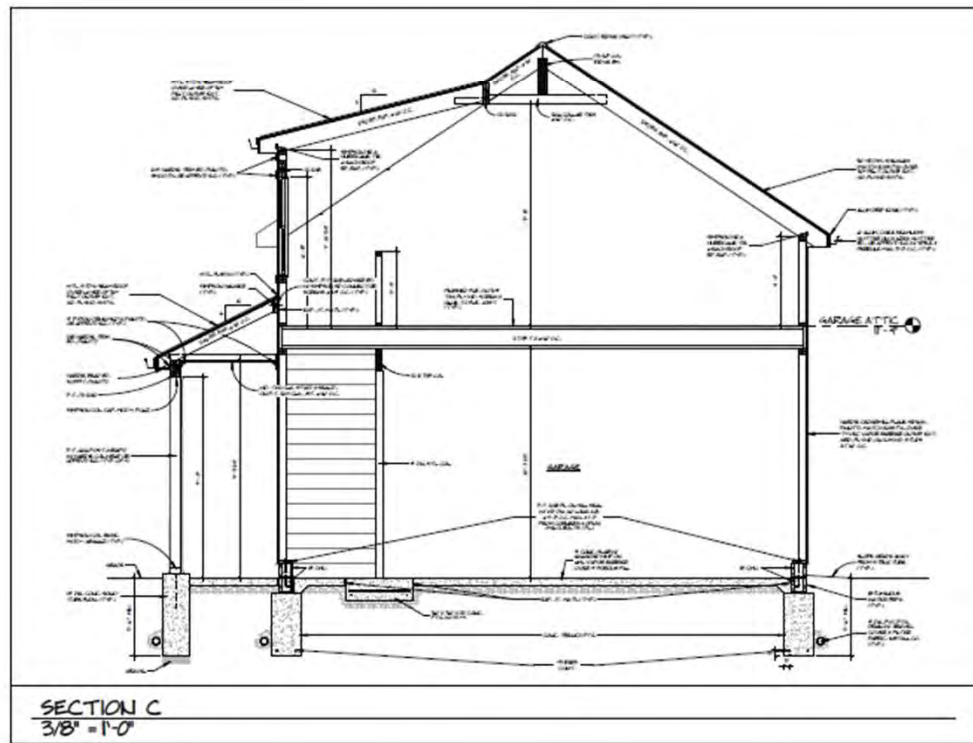
GARAGE EAST ELEVATION
1/4" = 1'-0"



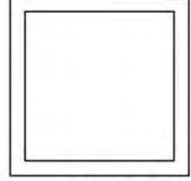
GARAGE NORTH ELEVATION
1/4" = 1'-0"



GARAGE WEST ELEVATION
1/4" = 1'-0"



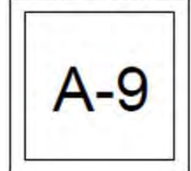
SECTION C
3/8" = 1'-0"



DATE: 05/04
REVISIONS:
NOT FOR CONSTRUCTION

ESSI RESIDENCE
1246 Manor Park Ave., Lakewood, Ohio 44107
ARCHITECTS, CA. MCGETTRICK, LLC
4511 Madison Ave., Lakewood, Ohio 44107 | 216-227-0700 | FAX: 216-227-1472

CONCEALED
22027
CONSTRUCTION
DRAWINGS TO SCALE



Docket No. 5-41-24 (1246 Manor Park)
Two Story Addition - McGettrick



ESPRESSO* WHITEWASH CEDAR* MOCHA

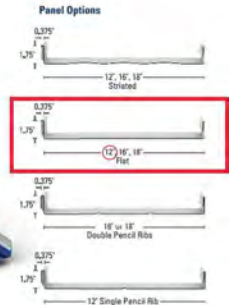
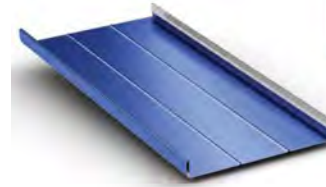


PECAN TIGERWOOD ASHWOOD

RESERVE COLLECTION

Medallion-Lok

Medallion-Lok is a snap-together architectural panel with structural capabilities that features a rigid 1.75" standing seam. Medallion-Lok is McElroy Metal's most popular snap-together panel and has been utilized to add beauty and function on projects all across the country.



Note: Stained panels are recommended as they reduce the appearance of oil canning.

Hardie® Plank

	Thickness 5-1/8" Length 12 ft (6 panels)				
Width	5.25 in	6.25 in	7.25 in	8.25 in	9.25 in*
Exposure	4 in	5 in	6 in	7 in	8 in
Prime Pcs/Pallet	360	308	252	230	190
Color/Pan* Pcs/Pallet	324	280	252	210	—
Pcs/Sq.	29.0	29.0	16.7	14.3	12.5



Select Cedar™

	Thickness 5-1/8" Length 12 ft (6 panels)				
Width	5.25 in	6.25 in	7.25 in	8.25 in	9.25 in*
Statement Collection*		+	+	+	+
Dream Collection*	+	+	+	+	+
Prime	+	+	+	+	+



SHORELINE ACCENTS OVERLAY

These Accents Woodtones doors offer the classic appearance and texture of real wood overlays without the recurring maintenance.



OVERLAY CARRIAGE HOUSE

Featuring traditional designs and construction, these doors are available in steel, wood, and fiberglass.



FLUSH CARRIAGE HOUSE

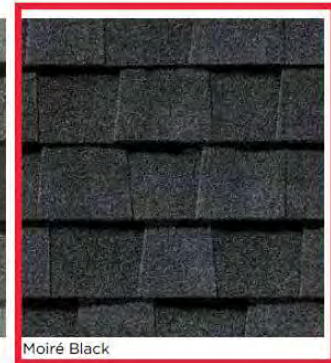
Get the look of carriage house overlays on a completely flat, smooth surface.



Driftwood



Thunderstorm Gray*
*Only available in Utah



Moiré Black

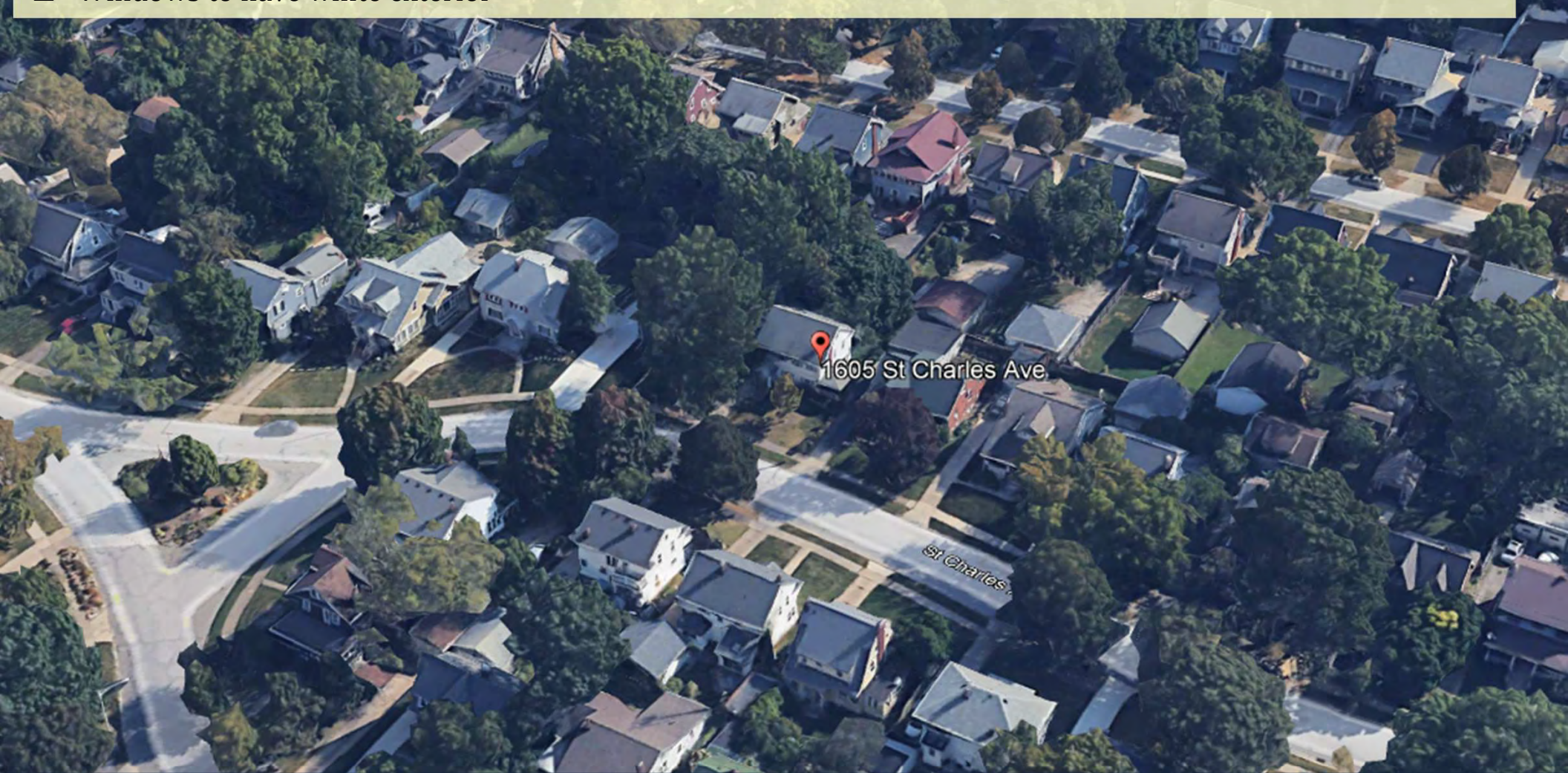


Docket No. 5-41-24 (1246 Manor Park)
Two Story Addition - McGettrick

Applicant proposes renovation of residential structure.

City Notes:

- Siding will be wood to match existing exposure
- Windows to have white exterior



Docket No. 5-42-24 (1605 St. Charles)

**Residential Renovation
James Nagy**



EXISTING FRONT ELEVATION



Docket No. 5-42-24 (1605 St. Charles)
Residential Renovation - Nagy



EXISTING KITCHEN SIDE ELEVATIONS



Docket No. 5-42-24 (1605 St. Charles)
Residential Renovation - Nagy





EXISTING PORCH ELEVATIONS



Docket No. 5-42-24 (1605 St. Charles)
Residential Renovation - Nagy





NEIGHBOR HOUSE SOUTH



NEIGHBOR HOUSE NORTH



Docket No. 5-42-24 (1605 St. Charles)
Residential Renovation - Nagy

Proposed House Renovations 1605 St. Charles, Lakewood OH

Date: 4.15.2024



Docket No. 5-42-24 (1605 St. Charles)
Residential Renovation - Nagy



1 FRONT VIEW
HOUSE ELEVATION
SCALE: 1/2" = 1'-0"



Docket No. 5-42-24 (1605 St. Charles)
Residential Renovation - Nagy



2A PORCH SIDE VIEW HOUSE ELEVATION
SCALE: 1/2" = 1'-0"



2B PORCH BACK VIEW PORCH ELEVATION
SCALE: 1/2" = 1'-0"

mark johnson
design. solutions

1413 Bluffton Park Ave.
Lakewood, OH 44127

PROPERTY AT:
1605 ST. CHARLES
LAKWOOD OHIO

FRONT OF HOUSE AND
SIDE PORCH
RENOVATION

DATE: 3/20/18
DRAWN BY: MJ
CHECKED BY: MJ
DATE: 3/20/18

A-2



Docket No. 5-42-24 (1605 St. Charles)

Residential Renovation - Nagy

Columns, Capitals & Bases Fiberglass Columns



FIBERGLASS REPLACEMENT COLUMNS - MATCH EXISTING DIMENSIONS



REPLACEMENT SHUTTERS



Docket No. 5-42-24 (1605 St. Charles)
Residential Renovation - Nagy

1605 ST. CHARLES

SHUTTER
ANY

Search our inventory...



WOOD

ALUMINUM

HARDWARE

VENTS SIDING

ROOF TOP

HO

PlacerCraft PVC Shutters / PlacerCraf...

not represent the options you choose.



PlacerCraft PVC True Louv pack)

Code: SBD-PVC-LV

Price reflects any applicable discounts

Not Yet Rated | Write the First Review

Width: 8"

Height: 72"

Mid Rail Style: No Mid Rail (1 section)



Docket No. 5-42-24 (1605 St. Charles)
Residential Renovation - Nagy

1605 St. Charles

PELLA® RESERVE™ TRADITIONAL



ALUMINUM-
CLAD WOOD
WINDOWS
& PATIO
DOORS

EXQUISITELY
DESIGNED
WINDOWS AND
DOORS WITH
UNPARALLELED
HISTORICAL
DETAILING.

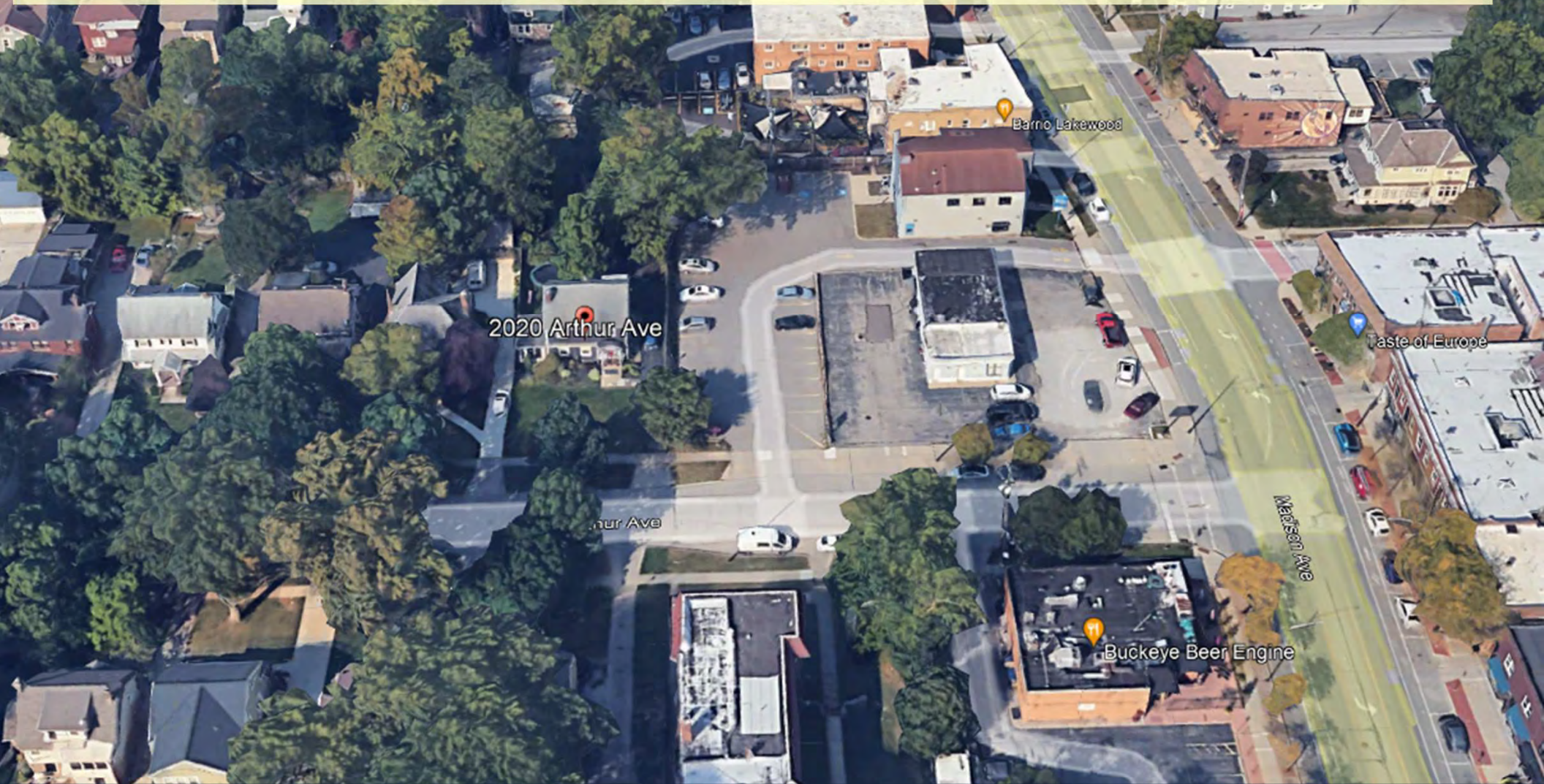


Docket No. 5-42-24 (1605 St. Charles)
Residential Renovation - Nagy

Applicant proposes two-story addition to residential structure.

City Notes:

- Needs to select the specific siding detailing and windows from catalog provided



Docket No. 5-43-24 (2020 Arthur)
Two-Story Residential Addition
Brandon Young



Docket No. 5-43-24 (2020 Arthur)
Two-Story Residential Addition - Young



Docket No. 5-43-24 (2020 Arthur)
Two-Story Residential Addition - Young



Docket No. 5-43-24 (2020 Arthur)
Two-Story Residential Addition - Young

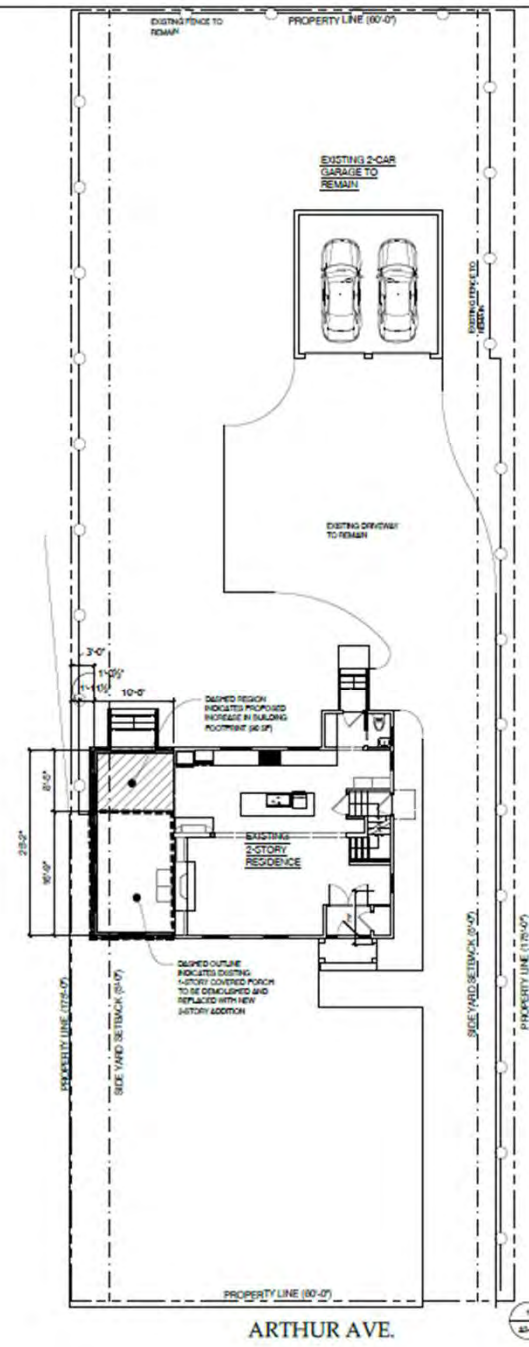
Updated

SITE DATA
 LAND USE: 5100 R-1 SINGLE FAMILY RESIDENTIAL
 PARCEL #: 314-14-061
 ZONING DISTRICT: CRL - RETAIL - LOCAL
 LAND AREA: 10,500 SF
 AREA OF GARAGE: 360 SF

EXISTING FIRST FLOOR BUILDING AREA: 1,007 SF
 EXISTING FIRST FLOOR LOT COVERAGE AREA INCLUDING GARAGE: 1,367 SF
 EXISTING SECOND FLOOR AREA: 780 SF
 FIRST FLOOR ADDITION AREA: 90 SF
 SECOND FLOOR ADDITION AREA: 270 SF
 TOTAL FIRST FLOOR BUILDING AREA: 1,097 SF
 TOTAL SECOND FLOOR BUILDING AREA: 1,050 SF

EXISTING LOT COVERAGE: 13.01%
 PROPOSED LOT COVERAGE: 13.87%

PROJECT SUMMARY
 NEW PRIMARY 2-STORY ADDITION AT SIDE OF EXISTING 2-STORY SINGLE FAMILY HOME. EXISTING 1-STORY COVERED PORCH AT SIDE OF HOME TO BE DEMOLISHED. INTERIOR ALTERATION TO FIRST AND SECOND FLOORS.



General Notes:

ISSUES	DATE
ABR	* 04-17-24
ABR	* 05-09-24
	*
	*
	*
	*
	*
	*

YOUNG DESIGN STUDIO
 15014 Detroit Ave.
 Lakewood, OH 44107
 www.youngdesignstudio.com
 p: 714-538-9772
 Architecture | Interiors | Urban Design

2020 Arthur Residential Addition
 2020 Arthur Ave.
 Lakewood, Ohio 44107

Drawing Title:
 SITE PLAN

Drawn by: BEY	Date: 05-05-2024
Checked by:	Project Number: AS-01

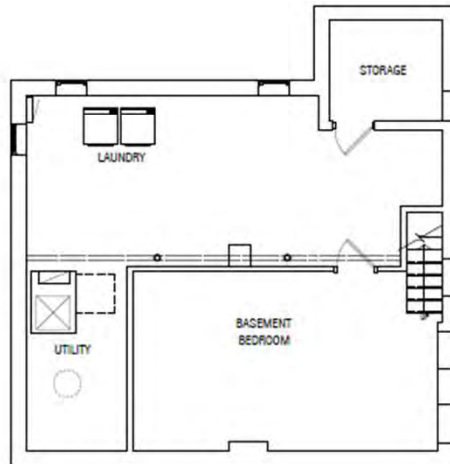


Docket No. 5-43-24 (2020 Arthur) Two-Story Residential Addition - Young

Updated

GENERAL NOTES:

1. GENERAL CONTRACTOR & ALL SUBCONTRACTORS TO FIELD VERIFY ALL EXISTING CONDITIONS, EXAMINE THE ENTIRE SITE AND THE CONSTRUCTION DOCUMENTS TO ENSURE THEIR KNOWLEDGE OF ALL RELEVANT EXISTING FIELD CONDITIONS AFFECTING THE SCOPE OF WORK. PRIOR TO PRICING, ANY DISCREPANCIES OR CONFLICTS BETWEEN THE ARCHITECTURAL AND ENGINEERING DOCUMENTS AND FIELD CONDITIONS SHALL BE CLARIFIED WITH THE ARCHITECT AND ENGINEER BEFORE INITIATING WORK.
2. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO OBTAIN ACCURATE FIELD MEASUREMENTS AND VERIFY ALL DIMENSIONS AND TO PROVIDE SHOP DRAWINGS TO ENSURE AN ACCURATE FIT. NO CLAIM FOR EXTRA COMPENSATION WILL BE ALLOWED BASED ON FAILURE TO IDENTIFY EXISTING FIELD CONDITIONS.
3. GENERAL CONTRACTOR SHALL REPORT TO THE ARCHITECT ANY EXCESS, INCONGRUENCIES OR OMISSIONS THEY MAY DISCOVER PRIOR TO THE COMMENCING OF WORK WITH THE REQUEST FOR INFORMATION (RFI) FORM.
4. DIMENSIONS TAKE PRECEDENCE OVER DRAWINGS. ALL DIMENSIONS ARE FROM FACE OF STUD (TYPICAL UNLESS OTHERWISE NOTED). - DO NOT SCALE.
5. ALL DOOR ROUGH OPENINGS ARE TO BE LOCATED 3" FROM NEAREST WALL AT HINGE SIDE (TYPICAL UNLESS OTHERWISE NOTED).



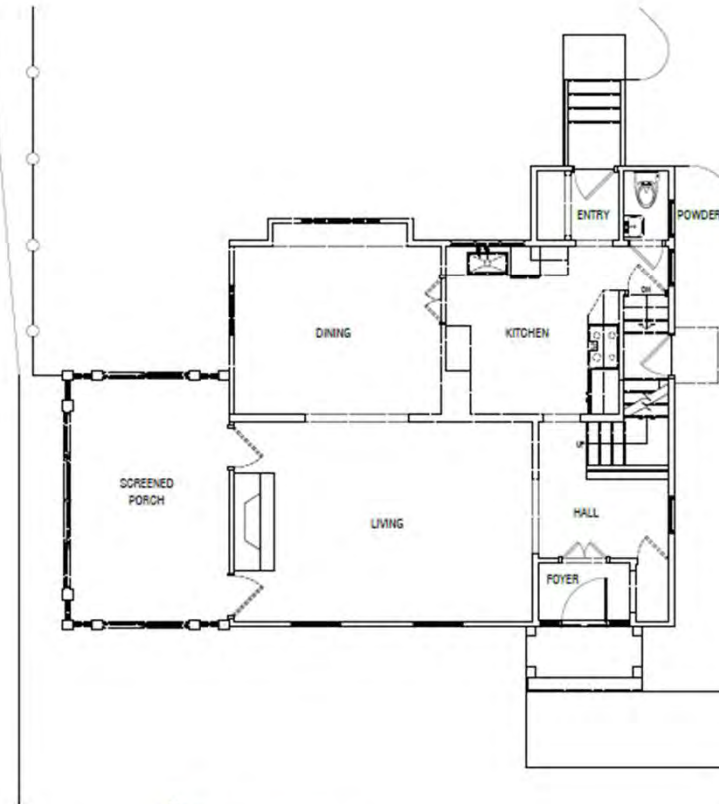
Key

- ▭ Indicate existing construction to remain
- ▭ Indicate demolition scope

Demolition Scope of Work Notes

1. Remove existing mechanical electrical and plumbing systems complete
2. All existing glass walls, conduct to remain.

1
AD-01
EXISTING
BASEMENT PLAN
SCALE: 1/4" = 1'-0"



Key

- ▭ Indicate existing construction to remain
- ▭ Indicate demolition scope

Demolition Scope of Work Notes

1. All existing horizontal framing to remain. Finish and sheetrock to remain.

2
AD-01
PROPOSED
FIRST FLOOR DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



General Notes:

ISSUES:	DATE
ABR	04-17-24
ABR	05-08-24

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 2020 Arthur Ave.
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Drawing Title:
DEMOLITION PLANS

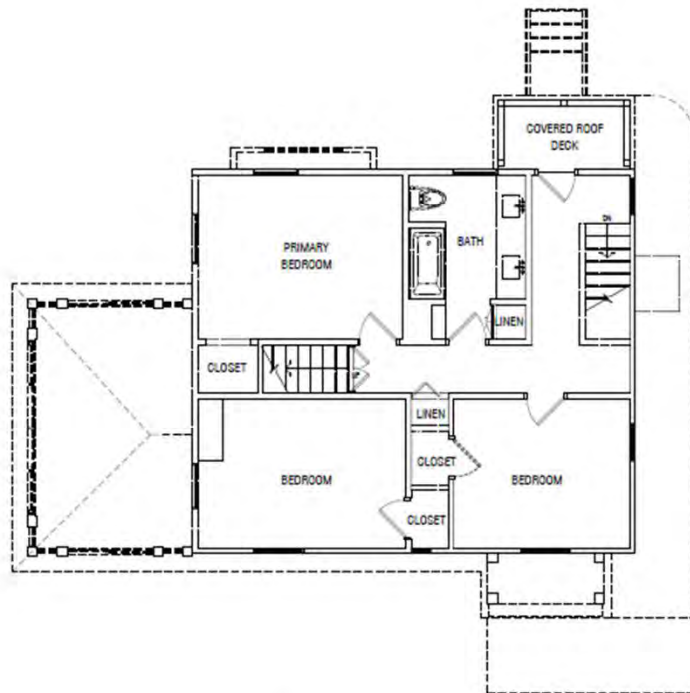
Number:	05-05-2024
Revision:	
Author:	
Checker:	
Scale:	
Sheet:	AD-01



Docket No. 5-43-24 (2020 Arthur) Two-Story Residential Addition - Young

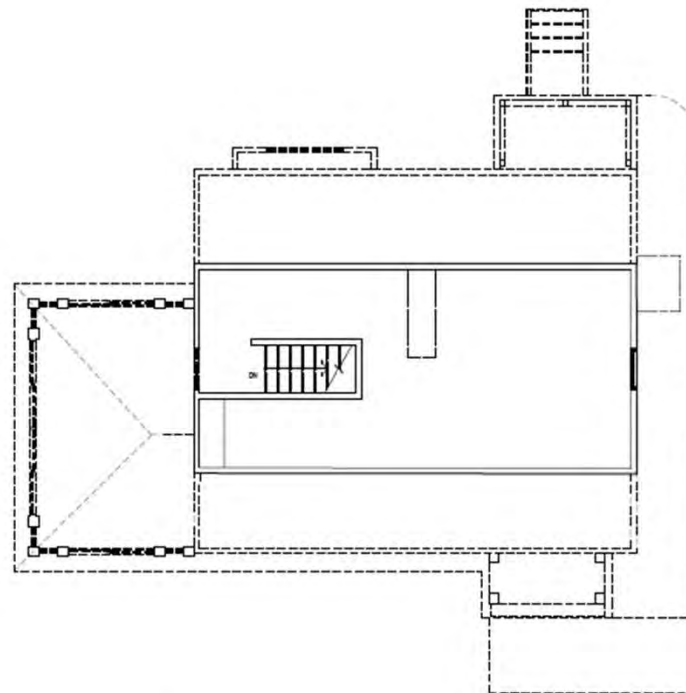
GENERAL NOTES:

1. GENERAL CONTRACTOR & ALL SUBCONTRACTORS TO FIELD VERIFY ALL EXISTING CONDITIONS, EXAMINE THE ENTIRE SITE AND THE CONSTRUCTION DOCUMENTS TO ENSURE THEIR KNOWLEDGE OF ALL RELEVANT EXISTING FIELD CONDITIONS AFFECTING THE SCOPE OF WORK PRIOR TO FIXING. ANY DISCREPANCIES OR CONFLICTS BETWEEN THE ARCHITECTURAL AND ENGINEERING DOCUMENTS AND FIELD CONDITIONS SHALL BE CLARIFIED WITH THE ARCHITECT AND ENGINEER BEFORE INITIATING WORK.
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Key
 [Solid line] Existing building contribution to retain
 [Dashed line] Existing demolition scope
 Demolition Scope of Work Notes
 1. Existing building contribution, removal of scope.

PROPOSED SECOND FLOOR DEMOLITION PLAN
 SCALE: 1/4" = 1'-0"



Key
 [Solid line] Existing building contribution to retain
 [Dashed line] Existing demolition scope
 Demolition Scope of Work Notes
 1. Detail already set out for demolition below.

PROPOSED ATTIC DEMOLITION PLAN
 SCALE: 1/4" = 1'-0"



General Notes:

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Drawing Title:
DEMOLITION PLANS

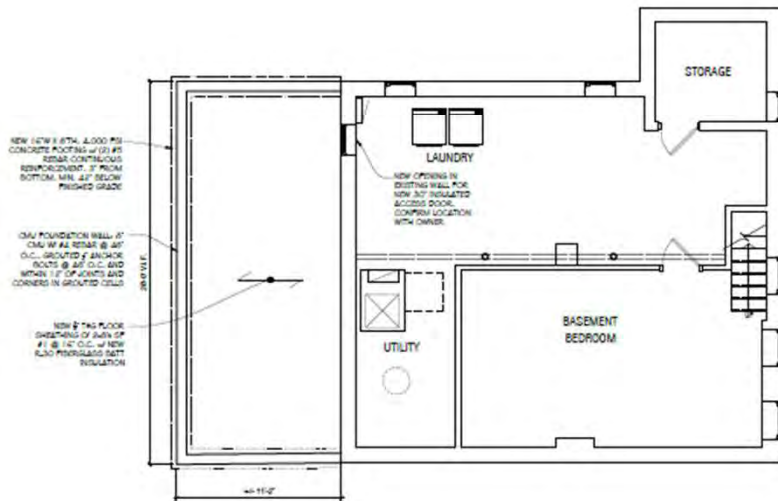
Drawn by:	BEY	Date:	05-06-2024
Checked by:		Project name:	
Scale:		Sheet number:	AD-02



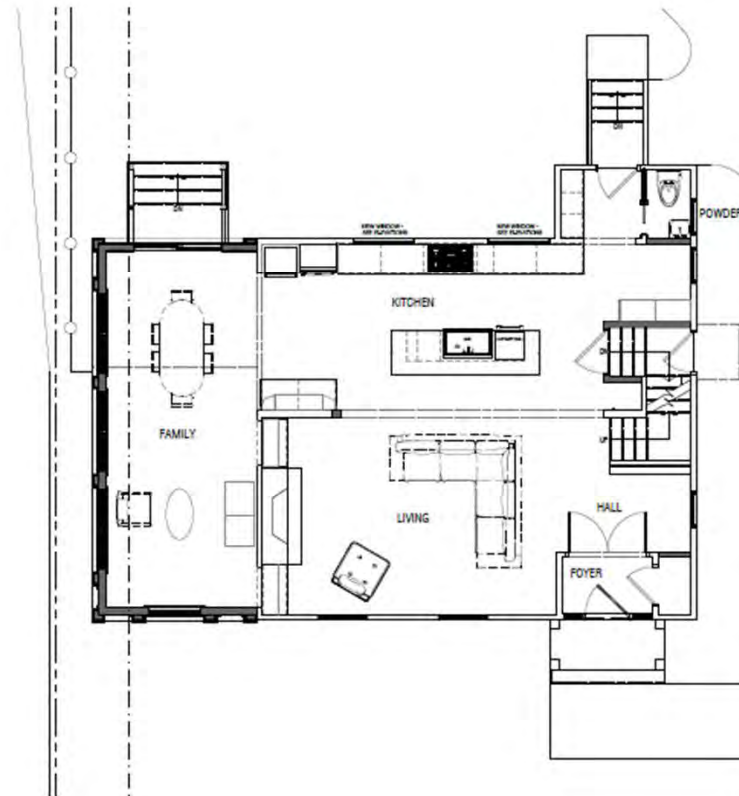
Docket No. 5-43-24 (2020 Arthur) Two-Story Residential Addition - Young

GENERAL NOTES:

1. GENERAL CONTRACTOR & ALL SUBCONTRACTORS TO FIELD VERIFY ALL EXISTING CONDITIONS, EXAMINE THE ENTIRE SITE AND THE CONSTRUCTION DOCUMENTS TO ENSURE THEIR KNOWLEDGE OF ALL RELEVANT EXISTING FIELD CONDITIONS AFFECTING THE SCOPE OF WORK PRIOR TO BIDDING. ANY DISCREPANCIES OR CONFLICTS BETWEEN THE ARCHITECTURAL AND ENGINEERING DOCUMENTS AND FIELD CONDITIONS SHALL BE CLARIFIED WITH THE ARCHITECT AND ENGINEER BEFORE INITIATING WORK.
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1 PROPOSED FOUNDATION / FIRST FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"



2 PROPOSED FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"



Issues:

ISSUES:	DATE:
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Drawing Title:
CONSTRUCTION PLANS

Sheet:	05-08-2024
BY:	
DATE:	
SCALE:	
PROJECT:	A1-01



Docket No. 5-43-24 (2020 Arthur) Two-Story Residential Addition - Young

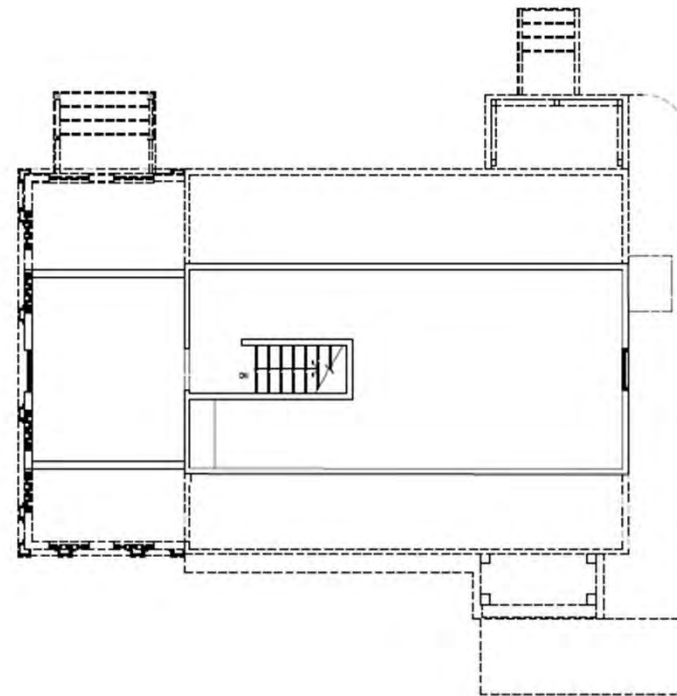
Updated

GENERAL NOTES:

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5. ALL DOOR ROUGH OPENINGS ARE TO BE LOCATED 31" FROM NEAREST WALL AT HINGE SIDE (TYPICAL UNLESS OTHERWISE NOTED).



1 PROPOSED SECOND FLOOR PLAN SCALE: 1/4" = 1'-0"



2 PROPOSED ATTIC PLAN SCALE: 1/4" = 1'-0"



General Notes:

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Drawing Title: CONSTRUCTION PLANS

Project:	05-00-2024
Sheet:	A1-02



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ELEVATION KEYNOTES

- 1 NEW ARCHITECTURAL ASPHALT SHINGLES. COLOR TO BE SELECTED BY OWNER.
- 2 EXISTING VINYL SHEET SIDING TO REMAIN.
- 3 NEW VINYL SHEET SIDING TO MATCH EXISTING PROFILE AND COLOR.
- 4 NEW 1/2" ASPEN PVC STEPPED FENCE BOARD PAINTED WHITE.
- 5 NEW DOWNSPUTS AND GUTTERS TO MATCH EXISTING.
- 6 EXISTING GUTTER TO REMAIN.
- 7 NEW ASPEN BOARD PANEL SMOOTH FINISH WITH 1/4"X1" T&G BOARD PAINTED WHITE.
- 8 NEW DECORATIVE PVC WRAPPED COLUMNS WITH BASE AND CAP MOLDING.
- 9 1/2" PVC FENCE BOARD PAINTED WHITE.
- 10 NEW 48"X24"X100 GROSS WHITE WINDOW. PROVIDE PVC TRIM TO MATCH EXISTING PROFILE.
- 11 NEW WREATH BRICK VENEER TO MATCH EXISTING COLOR AND SIZE.
- 12 REFINISHED WHITE GRANULAR PAVING TO MATCH EXISTING.



General Notes:

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ABR	04-17-24
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2020 Arthur Residential Addition
 2020 Arthur Ave.
 Lakewood, Ohio 44107

Drawing Title:
EXTERIOR ELEVATIONS

Drawn by:	BEV	Date:	05-08-2024
Checked by:			
Scale:			
Sheet No.:	A2-01		



Docket No. 5-43-24 (2020 Arthur) Two-Story Residential Addition - Young

Updated



Docket No. 5-43-24 (2020 Arthur)
Two-Story Residential Addition - Young

Updated



Docket No. 5-43-24 (2020 Arthur)
Two-Story Residential Addition - Young

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Two-Story Residential Addition - Young

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Docket No. 5-43-24 (2020 Arthur)
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Reference project - porch before and after



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Two-Story Residential Addition - Young



Hardie® Reveal® Panel System

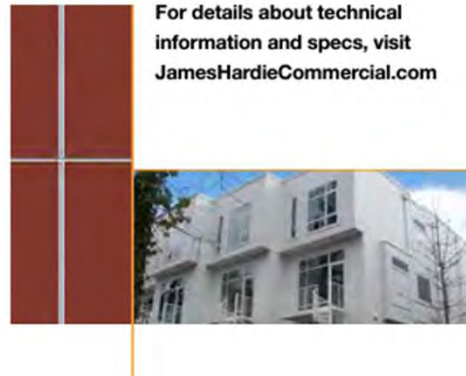
Embody a modern aesthetic

Get the look you are after with the solution that offers design flexibility. The Hardie® Reveal® Panel system can be utilized to create an effective modern, durable, panelized look.

A system of components specifically developed for multi-family and light commercial construction. If your project calls for a panelized look — the Hardie Reveal Panel system offers the design flexibility you need.

Beginning with a commercial grade panel developed for multi-family and light commercial applications, the Hardie Reveal Panel system is a complete solution for creating a panelized look. Eliminate the guesswork in creating this look with the Hardie Reveal Panel system, with all parts including panels and trims supplied by James Hardie. Check for availability and call us to request a James Hardie Preferred Installer when specifying the Hardie Reveal Panel system.

For details about technical
information and specs, visit
JamesHardieCommercial.com



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Hardie® Reveal® Panel System

Design Freedom

- Horizontal or vertical application
- 7/16" thick, commercial grade panels
- Cleaner look with fewer fasteners (approximately 14-21 per 4' x 8' panel)
- Standard panel size is nominal 4' x 8' and can be cut on-site to desired size
- Panels available with ColorPlus® Technology
- Panels can be cut on-site to desired size



Unique Aesthetic

- Sharp express joint look with deep shadow lines
- Smooth panel look with exposed fasteners
- Trims and fasteners can be field painted or left with a metal finish
- Off-stud jointing solution provides design flexibility

Proven James Hardie Durability

- Engineered for Climate® to stand up to the demands of your project's specific climate
- Commercial panel developed specifically for use in multi-family, mixed use, senior living and light commercial facilities
- Ventilated rain screen assembly incorporates best practices for moisture management
- Proven performance with James Hardie fiber cement panels coupled with durable aluminum trims

Embody a modern aesthetic

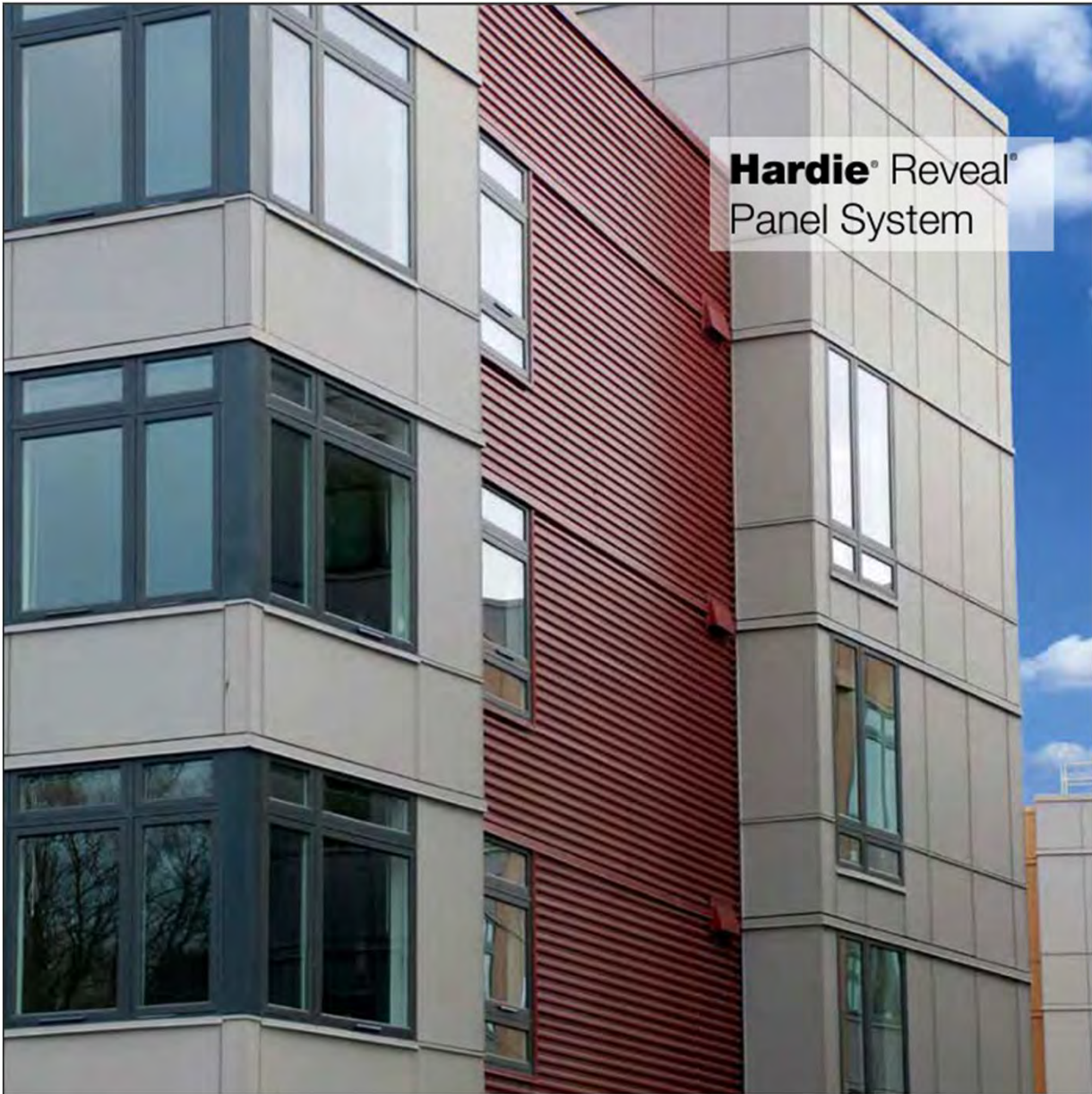
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For details about technical information and specs, visit JamesHardieCommercial.com





Hardie® Reveal®
Panel System



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Docket No. 5-43-24 (2020 Arthur)

Two-Story Residential Addition - Young

ARCHITECTURAL CLASSICS

Manufactured by The Foundry

Bring Your Design Ideas to Life with Shake, Shingle and Scallop Siding



ARCHITECTURAL SHAKES, STAGGERED SHAKES, PERFECTION SHINGLES & SCALLOPS

With artistic detail and visual appeal, Architectural Classics will enhance your home with the natural beauty of genuine cedar but without the time-consuming upkeep.



DETAILS INSPIRED BY CLASSIC SIMPLICITY

Designed to inspire, the Architectural Classics Collection makes it easy to infuse your home with your personal touch. With four distinctive profile designs and a range of textures, this high-performance exterior cladding can transform any home with warmth and style that's certain to draw admiring glances.

Take a fresh "first look" at your home's exterior and imagine the charming effect shakes, shingles and scallops will create. Whether you prefer casual sophistication in subtle hues or a dramatic design in bold colors, it's here that the excitement of customizing your home exterior begins to take shape.



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INVEST NOW, SAVE LATER

You Can Enjoy the True Look of Cedar, with None of the Headaches

EXPERTLY CRAFTED FOR ENDURING STYLE

With Architectural Shakes, Staggered Shakes, Perfection Shingles and Scallops you can forget about the time and expense of scraping, sanding, staining and painting. Each panel is carefully manufactured with a resilient finish that's highly weatherable and fade-resistant. The Architectural Shakes line also offers even greater design options with an exciting variety of rich and unique colors featuring an innovative acrylic finishing process.

CREATING CUSTOM STYLE

The marks of a mill saw for a rustic feel that plays to the modern-traditional style of the home. Shapes and sizes that add something a little unexpected. Techniques and knowledge passed down from generation to generation. And most of all, a mix of quality and culture resulting in a perfectly unique exterior siding.

EASY-CARE ELEGANCE THAT'S BUILT TO LAST

Discover the natural cedar beauty of the Architectural Classics Collection. A beauty that does not succumb to the elements. Architectural Shakes, Staggered Shakes, Perfection Shingles and Scallops are manufactured with man-made material that won't crack, fade, buckle or rot. Their durable finish requires less maintenance than other exterior claddings, which means you'll spend less time on upkeep and more time enjoying life. Simply rinse occasionally with water from a garden hose to remove most airborne dust and dirt and restore the siding's fresh-looking appearance.

AGELESS CRAFTSMANSHIP MEETS MODERN TECHNOLOGY

Nearly 100 authentic molds taken from actual cedar shakes and shingles are a true throwback to classic artisan style. The four profiles included in the Architectural Classics Collection represent some of the most significant architectural patterns from the 20th century.

Thanks to state-of-the-art technology, Alside's Architectural Classics Collection features a full-length nail hem for easy installation. It is also a more sustainable material than many other siding products, making it a great choice for today and generations to come.

VALUE-ADDED ENERGY SAVINGS*

Architectural Classics, when used with Fullback® Siding Insulation, can help save energy, reduce utility costs and create a more comfortable home environment. The contoured insulation is custom cut to fit behind the siding, providing a powerful thermal barrier against energy loss and enhancing the siding's durability and appearance. Adding insulation to the exterior of the home also helps lessen outside noise for a more peaceful interior.

Fullback Siding Insulation can be installed with all 7" exposure panels from Architectural Classics, including Shake, Staggered Shake and Perfection Shingle profiles.



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A TRUE REPRODUCTION of CEDAR'S NATURAL GRAIN
Give Your Home a Warm and Welcoming Ambiance

TRADITIONAL . . . RIGHT DOWN TO THE WAY IT'S INSTALLED

The contractor and installer will feel an immediate connection with Alside Architectural Classics because it is installed in a standard fashion. Architectural Classics features a traditional, full-length nail hem.



AUTHENTIC

It could very well be that you've seen a house with Alside siding and assumed it was natural wood. It's that realistic. You see a defined texture of natural grain that lends an organic randomness while creating a natural shadowing effect for added dimension and visual appeal.



EASY TO INSTALL

Architectural Shakes, Staggered Shakes, Perfection Shingles and Scallops go up fast and easy, just like traditional siding. Each 5' panel requires just a single installer, and our use of a familiar full-length nail hem means no specialized training or tools are needed to install the siding.



SCRAP REDUCTION

Alside products will yield an environmentally and financially responsible 67% less scrap. Because of our random design and hidden seams, small pieces are easy to use, helping to ensure lasting quality and character in your home.



PERFORMANCE

Architectural Shakes, Staggered Shakes, Perfection Shingles and Scallops resist buckling and open laps and can be installed any time of the year. Plus, Alside products are backed by a lifetime limited warranty.**

ARCHITECTURAL
SHAKES



ARCHITECTURAL SHAKES

You'll enjoy shakes that bear the rich grain of hand-split cedar, and on all claddings, the texture is carried through on the bottom edge of each shake – an honest rough-sawn look. This level of authenticity is only possible with a proprietary process.

What you won't see are seams. Even when you know just where to look, they're difficult to find. All this makes Alside's Architectural Classics one of the most realistic sidings available.



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Our proprietary process recreates the appearance of natural weathering to achieve a beautifully organic appearance.

HANDCRAFTED AUTHENTICITY

Shakes have always been esteemed by those who believe a home should be one with its natural setting. Split along the grain, cedar shakes are deeply textured in a way that sets off an interplay of light and shadow. The sun moves across the sky, and the light changes the house as it does the landscape. Architectural Shakes are the ideal way to capture this beauty.

NATURALLY AGED

Architectural Classics' Weathered Collection™ colors capture the essence of time, giving a home the authentic appearance of cedar that has naturally weathered over the years. Our proprietary process achieves this incredible look by presenting a lighter shade of a color in the grain and a darker one on the higher points. Premium colors are available in both Architectural Shake and Staggered Shake.

DETAILS THAT MAKE A DIFFERENCE

Architectural Shakes and Staggered Shakes can be used as either an accent or as conventional siding on your entire home. With easy elegance, the artistic detail and superb craftsmanship ensure an upscale appearance that masterfully recreates the natural appeal of handcrafted wood.

CORNER POSTS

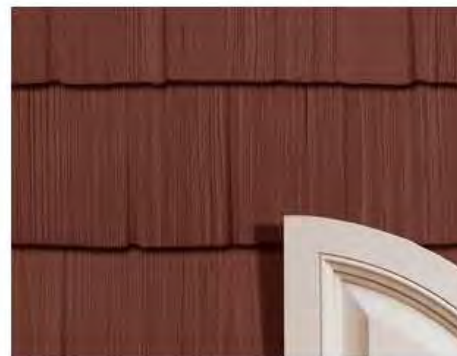
Use Alsido standard or Trimworks' corner posts or choose these special shake corners designed to match each profile for a refined finished look.



THE BEAUTY OF CUSTOM CRAFTSMANSHIP

Classic Style Without the Upkeep

ARCHITECTURAL
STAGGERED
SHAKES



Architectural Staggered Shakes masterfully combine handcrafted beauty with modern practicality.

ARCHITECTURAL STAGGERED SHAKES

Architectural Staggered Shakes echo the rustic charm of another time. The uneven pattern and rough-sawn look of their edges were handcrafted by artisan mold makers to replicate the natural, genuine beauty of a custom cedar installation.

With intricate detail, the "staggered" bottom edges replicate the craftsmanship of early settlers in the Eastern and Northern U.S. seaboard who split cedar into planks to protect their homes from the weather. Today's Architectural Staggered Shakes convey rugged, naturally weathered appeal in a virtually maintenance-free cladding.



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ARCHITECTURAL
PERFECTION
SHINGLES™

PAST MEETS PRESENT
Mix and Match for Distinction and Style



ARCHITECTURAL
SCALLOPS™



ARCHITECTURAL PERFECTION SHINGLE

Originally referred to as the "seaside style," cedar shingled homes first lined the cobblestone streets of Boston in the 1800s. Like the original, only Architectural Perfection Shingles have a naturally textured surface and edge.

The Perfection Shingle delivers the perfect balance of the deep texture of Shakes and the clean lines of Shingles. This profile offers a traditional look with a hint of ruggedness. Offered in a 7" exposure, the crisp vertical grains are highlighted, complementing random shingle widths.

Our modern take on this classic never has to be painted or stained to maintain resilience to the weather. Plus, unlike organic wood, Architectural Perfection Shingles will never warp or split.



ARCHITECTURAL SCALLOPS

Perhaps more than any other specialty siding, this panel creates an immediate transformative effect on the exterior of your home. The pristine rows of rounded curves impart a generous measure of character and charm, while the substantial shadow line adds a bold layer of visual dimension.

Architectural Scallops are ideally suited for gables, dormers and other accent areas. Choose from a broad palette of colors, many of which simply are not offered anywhere else – and challenge your imagination with the possibilities!

For drama or distinction, nothing matches the versatility or creative possibilities of Architectural Scallops.



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COLOR DEFINES *the* DESIGN

Create a Signature Style for Your Home with Eye-Catching Colors

COLOR AND DESIGN INSPIRATION

Our standard and architectural colors are available in 7" Shakes, 10" Staggered Shakes, 7" Perfection Shingles, and Scallops, as well as complementing corner posts and transitional starter. Whether you prefer a subtle monochromatic color scheme in classic hues or rich architectural colors with contrasting accents, Architectural Classics has everything you need to achieve your ideal finished look.

STANDARD COLOR COLLECTION



ARCHITECTURAL COLOR COLLECTION



WEATHERED COLLECTION™ PREMIUM COLORS

Our Weathered Collection premium colors are available in 7" Shakes, 7" Perfection Shingle and 10" Staggered Shakes, as well as complementing corner posts.



ChromaTrue™ Our darker siding colors are fortified with ChromaTrue™ technology for superior color retention. This advanced copolymer compound provides long-term color stability and better performance on darker colors.

Note: Colors may be slightly different from their appearance in this brochure. Make final color selection using actual product samples.

— ARCHITECTURAL CLASSICS —

The ALSIDE EXTERIOR DESIGN SYSTEM Coordinated Easy-Care Products



EXTERIOR TRIM, ACCESSORIES AND ACCENTS

Add the perfect finishing touch to your Architectural Classics siding with our beautiful collection of color-matched trim and accessories. Together, these exterior design elements will give your home a "pulled together" look that truly sets it apart.

The distinction is in the details. The color, trim and accents you select can have a dramatic effect on the appearance of your home. Classic lineals around the windows or doorway, extra detail on the corner posts, a crisp band of trim along the roofline – it's the little things that give a home personality and style.

PEACE OF MIND

Architectural Classics Shakes, Perfection Shingles, and Scallops manufactured by The Foundry are backed by a lifetime limited warranty.** Please direct all claim questions to: The Foundry, Attention: Warranty Dept., 29797 Beck Road, Wixom, MI 48393.

Alside Alside 3773 State Road, Cayahoga Falls, Ohio 44223
1-800-922-6009 www.alside.com

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Proudly an Architectural Classics
Consult the VSI website at www.vsiplanning.org
for a current list of certified products and colors.



Issue # 1002190

Docket No. 5-43-24 (2020 Arthur) Two-Story Residential Addition - Young



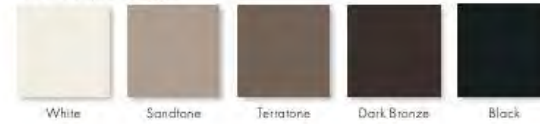
100 SERIES



EXTERIOR & INTERIOR COLORS

100 Series windows and patio doors come in five exterior colors, including dark bronze and black – colors that are darker and richer than those of most vinyl windows. The interiors feature a premium matte finish for an attractive appearance.

EXTERIOR COLORS



INTERIOR COLORS



*Products with Sandtone, dark bronze and black interiors have matching exteriors. Printing limitations prevent exact duplication of colors. See your Andersen supplier for actual color samples.





HARDWARE

Casement & Awning Windows



Antique Brass | Black | Dark Bronze
Sandstone | Satin Nickel | White

Folding handles avoid interference with window treatments.

Single-Hung & Gliding Windows



Standard Lock Optional Lift/Pull

Hardware color matches the window's interior color. Shown in white.



Optional Metal Slim-Line Lock

Antique Brass | Black | Dark Bronze
Sandstone | Satin Nickel | White

Both lock styles automatically engage when window is closed.

Bold name denotes finish shown.

Gliding Patio Doors



Standard Handle

TULSA

Optional Handle

AFTON

Exterior handle matches the door's exterior color. Interior handle matches the door's interior color. Dark bronze exterior and white interior shown.

Antique Brass | Black
Bright Brass | Satin Nickel

Optional auxiliary foot lock is available to secure the gliding panel and provides an extra measure of security when the door is in a locked position. See page 92.

Bold name denotes finish shown.

GLASS OPTIONS

Andersen has the glass you need to get the performance you want, with options for every climate, project and customer.

Check with your supplier for the selections that meet ENERGY STAR® requirements in your area.

GLASS		ENERGY		LIGHT	
		U-Factor <small>How well a product prevents heat from escaping</small>	Solar Heat Gain Coefficient <small>How well a product blocks heat caused by sunlight</small>	Visible Light Transmittance <small>How much visible light comes through a product</small>	UV Protection <small>How well a product blocks ultraviolet rays</small>
SmartSun™	Thermal control on low-e coated glass with visible light transmittance similar to Low-E glass.	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
SmartSun with HeatLock® Coating	Applied to the room-side surface, it reflects heat back into the home and improves U-Factor values.	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
Low-E	Outstanding thermal performance on low-e white low-e coating and coating glass on a substrate.	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
Low-E with HeatLock Coating	Applied to the room-side surface, it reflects heat back into the home and improves U-Factor values.	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
Sun	Outstanding thermal control in southern climates, where low solar heat gains are desired.	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
PassiveSun®	Ideal for northern, passive solar, performance applications where solar heat gain is desired.	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
PassiveSun with HeatLock Coating	Applied to the room-side surface, it reflects heat back into the home and improves U-Factor values.	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
Clear Dual-Pane	High visibility with basic thermal performance.	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●

©Source of glass performance only. Ratings based per glass options as of January 2022. Visit andersenwindows.com/energystar for ENERGY STAR map and NFRC total unit performance data.

HEATLOCK TECHNOLOGY

Applied to the room-side glass surface, HeatLock coating reflects heat back into the home for improved performance.

TIME-SAVING FILM

We protect our products during delivery and construction with translucent film on the glass that peels away for a virtually spotless window.

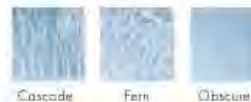
For more details on our glass options, visit andersenwindows.com/glass



ADDITIONAL GLASS OPTIONS

Tempered safety glass is standard on patio doors and required for larger window sizes.

Patterned glass lets in light while obscuring vision and adds a unique, decorative touch. Cascade and Reed patterns can be ordered with either a vertical or horizontal orientation.



Cascade

Fern

Obscure

Reed

Satin Etch

GLASS SPACER OPTIONS

In addition to stainless steel glass spacers, black glass spacers are now available as a standard offering to provide another way to customize project designs and achieve a contemporary style. Black glass spacers blend in with the color of the window or door for a sleek design, or serve as a shadow line.

Add full divided light grilles, and the grille spacer bar between the glass will match the selected glass spacer color.



Black

Stainless Steel



Docket No. 5-43-24 (2020 Arthur)
Two-Story Residential Addition - Young

GRILLE OPTIONS

Grilles for Andersen® 100 Series windows and patio doors are available in a wide variety of patterns to complement virtually any style of home. Plus, they have options for easy cleaning and architectural authenticity many vinyl windows can't match.



FINELIGHT™ GRILLES BETWEEN-THE-GLASS

Make glass easy to clean and have an elegant, sculpted profile. Choose a two-sided color scheme to match both the interior and exterior of the window or patio door. Also available with exterior grilles to provide architectural style and detail.

FULL DIVIDED LIGHT

Permanently applied to the exterior and interior of the window, with a spacer between the glass.

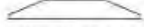
SIMULATED DIVIDED LIGHT

Permanently applied to the exterior and interior of the window, with no spacer between the glass.

Grille Bar Widths Actual width shown:



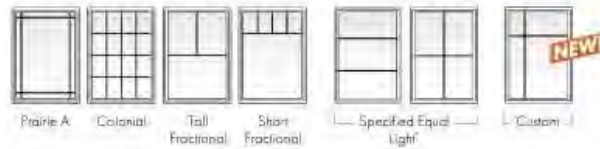
1/2" (19) wide grille bar for windows



1" (25) wide grille bar for patio doors

A 2 1/2" (57) wide profile is available for most units to simulate a mitering rail or a millwork combinator, such as a transom over a window or patio door.

Grille Patterns

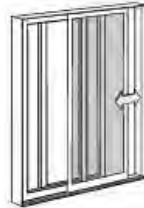


To see all of the standard patterns available for a specific window or door, refer to the detailed product sections in this product guide or contact your Andersen supplier.

INSECT SCREEN OPTIONS



Insect screens for venting windows have a fiberglass screen mesh. Optional TruScene® insect screens are made with a micro-fine stainless steel mesh, providing 50% greater clarity than our conventional insect screens. Insect screen frames for casement and awning windows are color matched to the product interior and for single-hung and gliding windows are matched to the product exterior.



Gliding insect screens for 2-panel gliding patio doors have a fiberglass screen mesh. Insect screen frames for doors are color matched to the product exterior.

AN EASIER WAY TO BUILD BIGGER VIEWS

Our unique reinforced joining systems make it easier for you to design and install large window combinations in your projects. These systems use strong, fiberglass construction and can be joined at our factory, on the job site, or even within a rough opening — wherever works best for you. This way you can easily and confidently build bigger views for your customers.

Non-reinforced joining options include factory-joined combinations or field joining kits. For more information, visit andersenwindows.com/joining.



Innovative patented reinforced joining system utilizes 5 1/2" (130) reinforcing fiberglass jointing plate.

Reinforced Factory-Joined Combinations

Eliminate the need for job site assembly and receive fully joined, factory-assembled window combinations to fit rough openings up to 12' (3658) x 8' (2438) or 8' (2438) x 12' (3658).



Reinforced Easy Connect Joining System

Receive lighter, easier-to-handle, pre-assembled smaller combinations that join as you install them into the rough opening, making it easier to install large combinations. In fact, most contractors surveyed said they could reduce the number of installers by 50% using the Andersen Easy Connect Joining System.*



Reinforced & Non-Reinforced Interiors



Appearance of a reinforced joint



Appearance of a non-reinforced joint

	ASSEMBLY	READY TO INSTALL	NUMBER OF INSTALLERS*	HALLMARK CERTIFIED**	TESTED TO AAMA 450	PERFORMANCE	COMBINATION SIZE LIMITATIONS
REINFORCED FACTORY-JOINED COMBINATIONS	FACTORY	●	MORE	●	●	EXTENSIVE UNIT COMBINATIONS. SIZE OPTIONS AVAILABLE. CERTIFIED TO FG50†	MAX. JOIN LENGTH: 12' x 8' or 9' x 12' 96 sq. ft. or 8.92 m ²
REINFORCED JOINING KITS	JOB SITE	●	MORE	●	●	EXTENSIVE UNIT COMBINATIONS. SIZE OPTIONS AVAILABLE. CERTIFIED TO FG50†	MAX. JOIN LENGTH: 12' x 8' or 12' x 12' 144 sq. ft. or 13.34 m ²
REINFORCED FACTORY-PREPARED EASY CONNECT JOINING SYSTEM	IN THE OPENINGS	●	FEWER	●	●	EXTENSIVE UNIT COMBINATIONS. SIZE OPTIONS AVAILABLE. CERTIFIED TO FG50†	MAX. JOIN LENGTH: 12' x 8' or 12' x 12' NO MAXIMUM WIDTH
NON-REINFORCED FACTORY-JOINED COMBINATIONS	FACTORY	●	MORE	●	●	EXTENSIVE UNIT COMBINATIONS. SIZE OPTIONS AVAILABLE. CERTIFIED UP TO FG50†	MAX. JOIN LENGTH: 8' x 8' or 8' x 12' 64 sq. ft. or 5.92 m ²
NON-REINFORCED JOINING KITS	JOB SITE	●	MORE	●	●	EXTENSIVE UNIT COMBINATIONS. SIZE OPTIONS AVAILABLE. CERTIFIED UP TO FG50†	MAX. JOIN LENGTH: 8' x 8' or 8' x 12' 64 sq. ft. or 5.92 m ²

*69% of 156 builders/general contractors in a 2018 survey said they could reduce the number of installers by half using the Easy Connect joining system when comparing the installation of a 12' (3658) wide x 8' (2438) high pre-assembled window combination unit with four 3' (914) wide x 8' (2438) high window combination units.

**When installed according to Andersen installation instructions. Dimensions in parentheses are in millimeters.

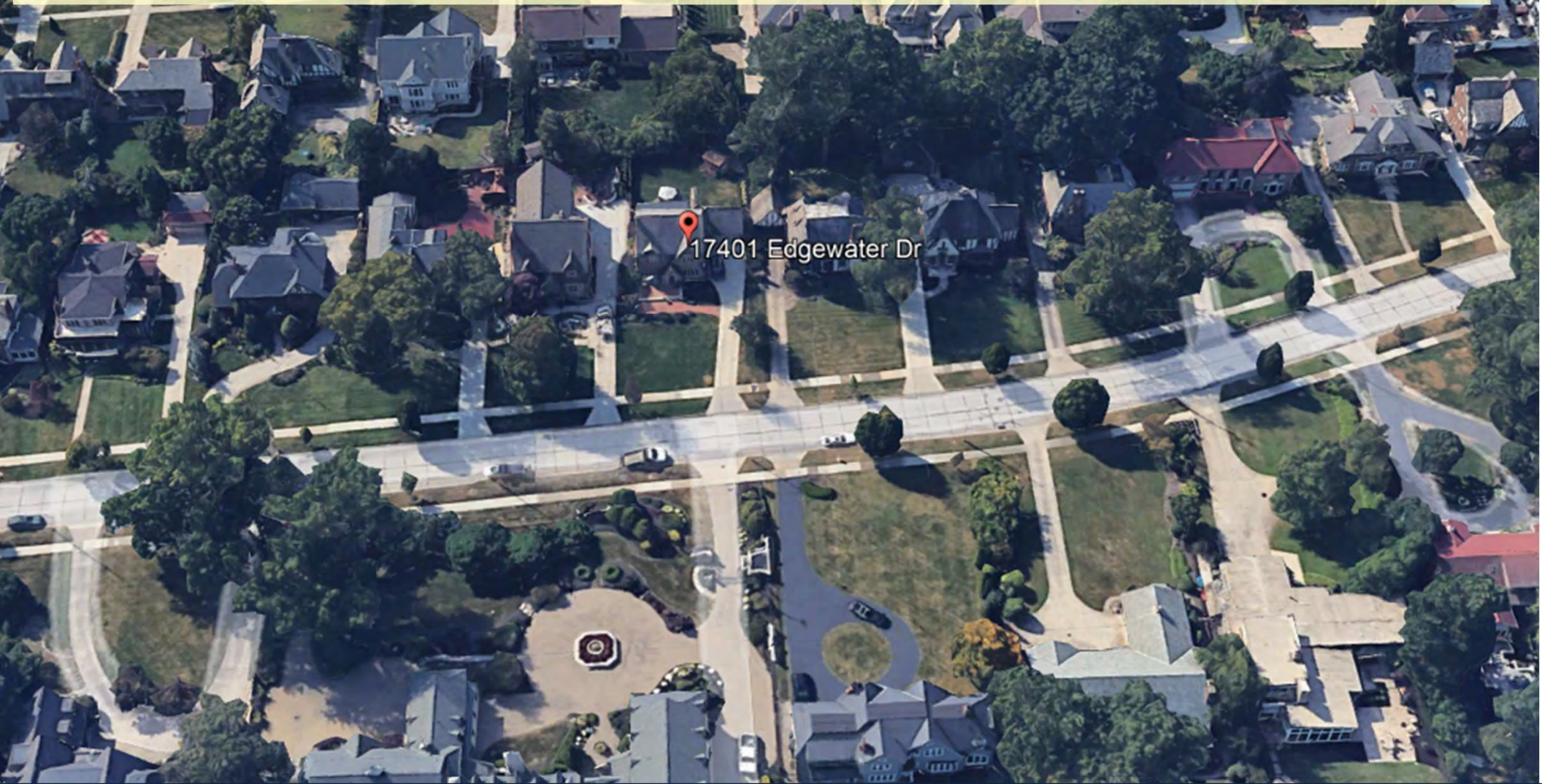


Docket No. 5-43-24 (2020 Arthur) Two-Story Residential Addition - Young

Applicant proposes roof addition to existing raised front porch.

City Notes:

N/A



Docket No. 5-44-24 (17401 Edgewater)

**Residential Roof Addition
Amanda Fort**



From Street



From Street - East



From Street - West

SCALE
1/8" = 1'-0"

DATE
4/16/24

ISSUE
ASB Submission

EXISTING PHOTOS - CONTEXT

GRADY RESIDENCE
17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107

DANE STREET STUDIO

E-0



Docket No. 5-44-24 (17401 Edgewater)
Residential Roof Addition - Fort

From: [Amanda Fort](#)
To: [Amanda L. Cramer](#)
Cc: [Sophia M. Jones](#)
Subject: Re: City of Lakewood ABR: 17401 Edgewater
Date: Wednesday, May 8, 2024 1:43:14 PM
Attachments: [GRADY - Revised Porch Models .pdf](#)

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Good Afternoon,

I do apologize that I am just sending this email response off to you - we had shadow students in our office this morning that I had to entertain and the revised documents only became available while I was with them.

Please see attached revised renderings to address some of the suggestions made in the pre-review meeting.

1. We have provided two possible solutions to this, and other comments. One is a simplified structure utilizing the timber strategy, but respecting the existing fascia and eave details from the existing house. The use of the timber-structure is purposeful in that it relates to another design issue mentioned (Item #2). We are limited to a column with of 9.5" as the existing porch floor is already in place the area to the west of the steps is just 9.5" wide at the masonry base with a 1.5" sandstone overhang. Utilizing a timbered structure would provide us with the opportunity to maximize the column width, and then maintain that proportion to the roof structure above. The second solution, though involving more cost to the homeowner, would be to create a masonry structure at the front entry. This strategy would allow for the space available for a column/structure on the west side of the stair to be widened.

Both of these options are attached and provided to demonstrate our sensitivity to the boards comments.

2. We addressed this above, but have widened the columns as requested, though not to quite 10". We can accommodate a column with of 9.5" and still utilize the current patio structure. We have also elected to eliminate the intermediate columns.

3. We are happy to accommodate this suggestion.

4. The roof color selected was not reflected accurately in the initial model. The sample shown in the photograph of material samples reflects the color of the selected roof, however, we are happy to select a lighter option. We will bring these samples with us to the meeting as we believe the image representations are not properly reflective of the chosen color. We have also tried to reflect this color in the new, revised models.

5. We have, in the masonry option, reduced the slope of the roof. In order to do this, we will likely have to select a new roofing material as the proposed profile is not recommended in slopes less than 3:12. We would still aim to utilize a standing-seam product with a minimal seam height and concealed fasteners.

We hope this addresses the boards preliminary comments and will provide enough material for discussion at tomorrow's meeting.

Best,

Amanda Fort

DANE STREET STUDIO

Amanda Fort
Owner & Design Professional, Associate AIA



Docket No. 5-44-24 (17401 Edgewater)
Residential Roof Addition - Fort



Front Elevation - North



Existing Patio - Seating Area



Existing Patio - From West

SCALE: AS SHOWN
 DATE: 4/15/24

TITLE: ABR Submission

EXISTING PHOTOS

GRADY RESIDENCE
 17401 EDGEWATER DRIVE
 LAKEWOOD, OHIO 44107

DANE STREET STUDIO

E-1



Docket No. 5-44-24 (17401 Edgewater)

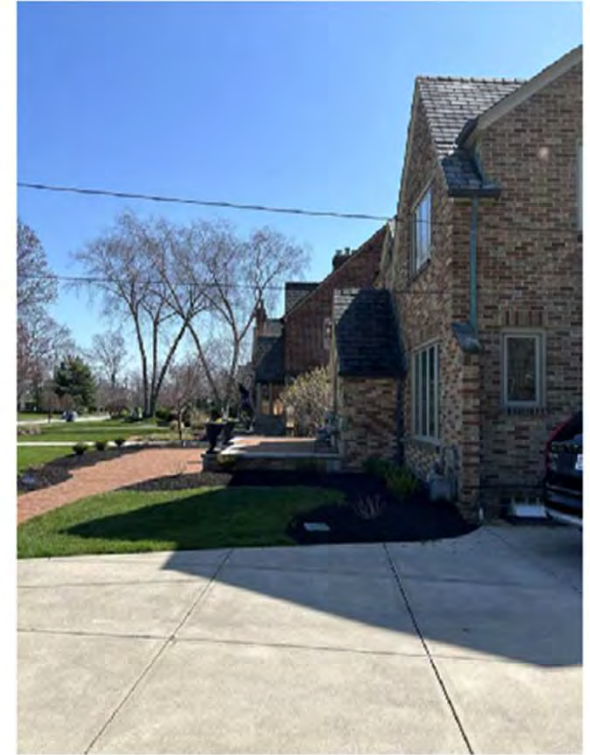
Residential Roof Addition - Fort



Existing Patio - From West



Existing Patio - From East



Existing Patio - From West

SCALE

NA

ISSUE

NR Submission

4.16.24

EXISTING PHOTOS

GRADY RESIDENCE

17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107

DANE STREET STUDIO

E-2



Docket No. 5-44-24 (17401 Edgewater)
Residential Roof Addition - Fort



Existing Brick & Roofing



Existing Window Finish (match)



Existing Window - Measurement Reference

SCALE

NA

ISSUE

ABR Submission

4.16.24

EXISTING PHOTOS

GRADY RESIDENCE

17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107

DANE STREET STUDIO

E-3



Docket No. 5-44-24 (17401 Edgewater)

Residential Roof Addition - Fort

EXTERIOR PORCH ROOF ADDITION
17401 EDGEWATER DRIVE
 LAKEWOOD, OHIO 44107

OWNER CONTACT

Brian and Kristen Grady
 17401 Edgewater Drive
 Lakewood, OH 44107
 (330) 575-1910

CONTRACTOR CONTACT

Tim Ferguson, Project Manager
 Oster Services
 17415 Northwood Avenue, Suite 100
 Lakewood, OH 44107
 (440) 570-7675

DESIGNER CONTACT

Amanda Fort
 Dane Street Studio
 3109 Mayfield Road, Suite 201
 Cleveland Heights, OH 44118
 (718) 872-8116

DRAWING INDEX

- A-0 Cover Sheet, Site Plan, & General Notes
- A-1 Demolition Plan
- A-2 Proposed Plan
- A-3 Exterior Elevation - North
- A-4 Exterior Elevation - East
- A-5 Exterior Elevation - West
- A-6 Section - North/South
- A-7 Unused
- A-8 Model - Oblique West
- A-9 Model - Oblique East

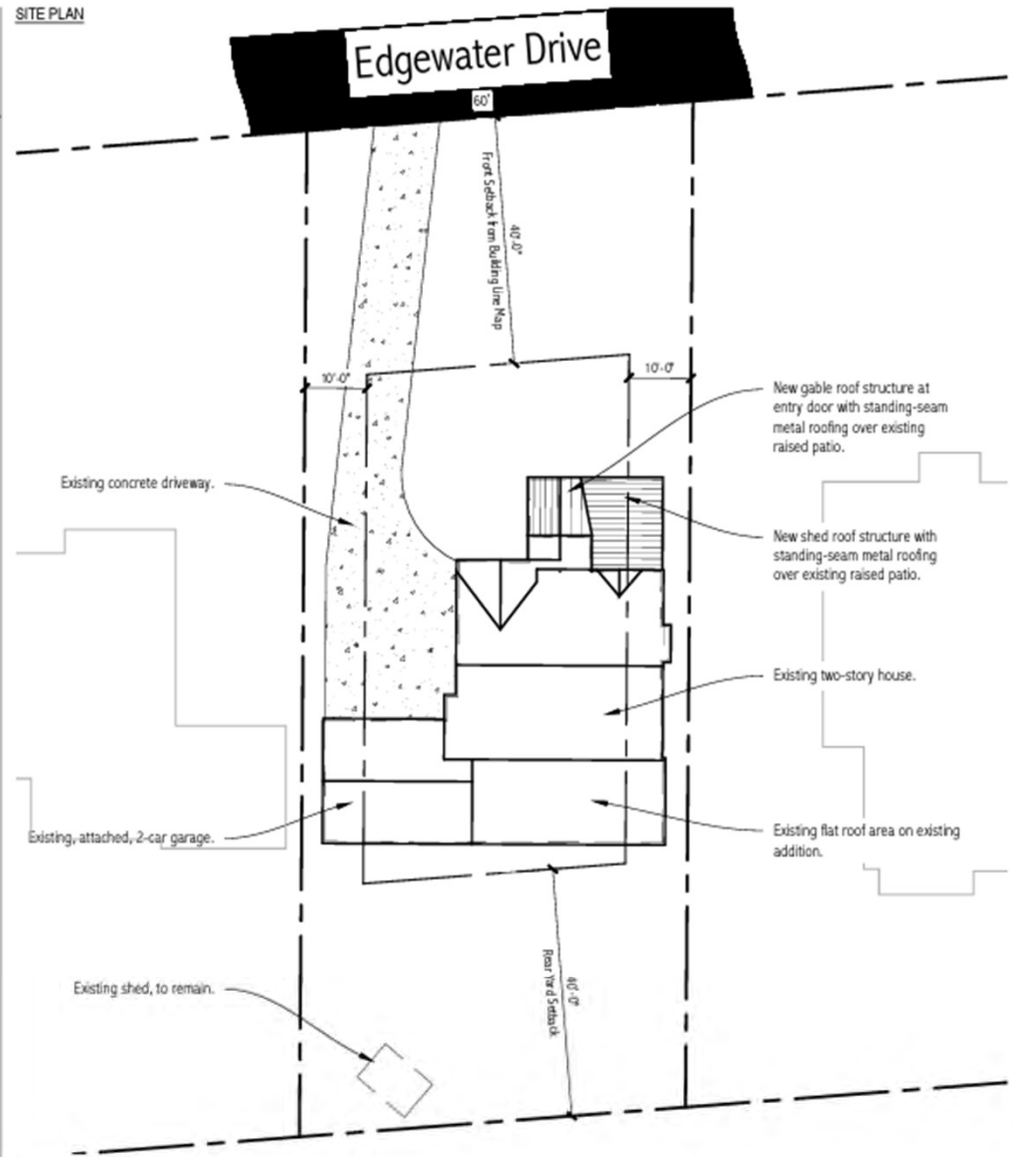
PROJECT INFORMATION

Jurisdiction: City of Lakewood
 Lot Area: 10,269 SF
 Existing Building Area: 2411 SF (2-story)
 Existing Porch Area: 257 SF
 Description of Work: Addition of new roof structure over existing, raised masonry patio.

GENERAL NOTES

1. Do not scale drawings.
2. All dimensions are from face of finished wall, existing wall, concrete block units, or concrete, unless otherwise noted.
3. All work is to be performed in accordance with all applicable state (2024 Residential Code of Ohio) and local building codes and referenced standards. These documents serve to depict the final configuration of improvements, not dictate all responsibilities the Contractor(s) have in achieving that end. The Contractor should report to Owner and Designer any conflict between bid documents, field conditions, and/or code requirements prior to commencement of work.
4. Provide bracing and support as required to prevent damage to structure and utilities affected by the work.
5. Patch all existing walls and floors to meet and match existing adjacent surfaces where disturbed and/or damaged by or during the course of the work.
6. The Contractor is to coordinate all work shown on the floor plans with all required mechanical and electrical work. The Contractor shall notify the Designer of any interference of mechanical, electrical, or plumbing work with the proposed plans.
7. Remove and dispose of debris and other materials resulting from demolition and general construction throughout the project.
8. Conduct demolition and removal of debris in such a way as to cause a minimum of interference with adjacent, occupied areas of the home. If shut-off of plumbing or other utilities is required for the work, please notify Owner promptly.

SITE PLAN



SCALE: 1" = 20'-0"
 DATE: 4/16/24

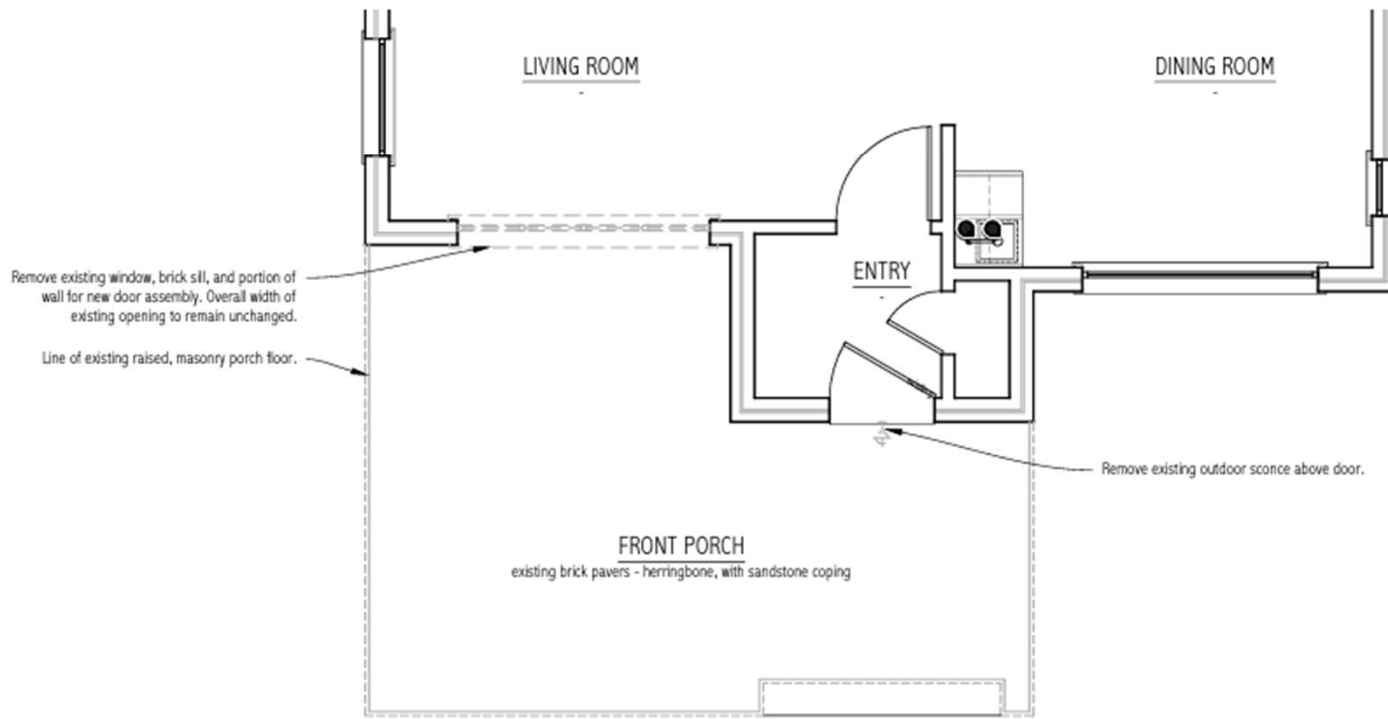
COVER SHEET, SITE PLAN, & GENERAL NOTES

GRADY RESIDENCE
 17401 EDGEWATER DRIVE
 LAKEWOOD, OHIO 44107
DANE STREET STUDIO

A-0



Docket No. 5-44-24 (17401 Edgewater)
 Residential Roof Addition - Fort



SCALE
1/8" = 1'-0"

TITLE
CD Review
CD Review 2
ADR Submission

10.17.23
3.12.24
4.16.24

DEMOLITION PLAN

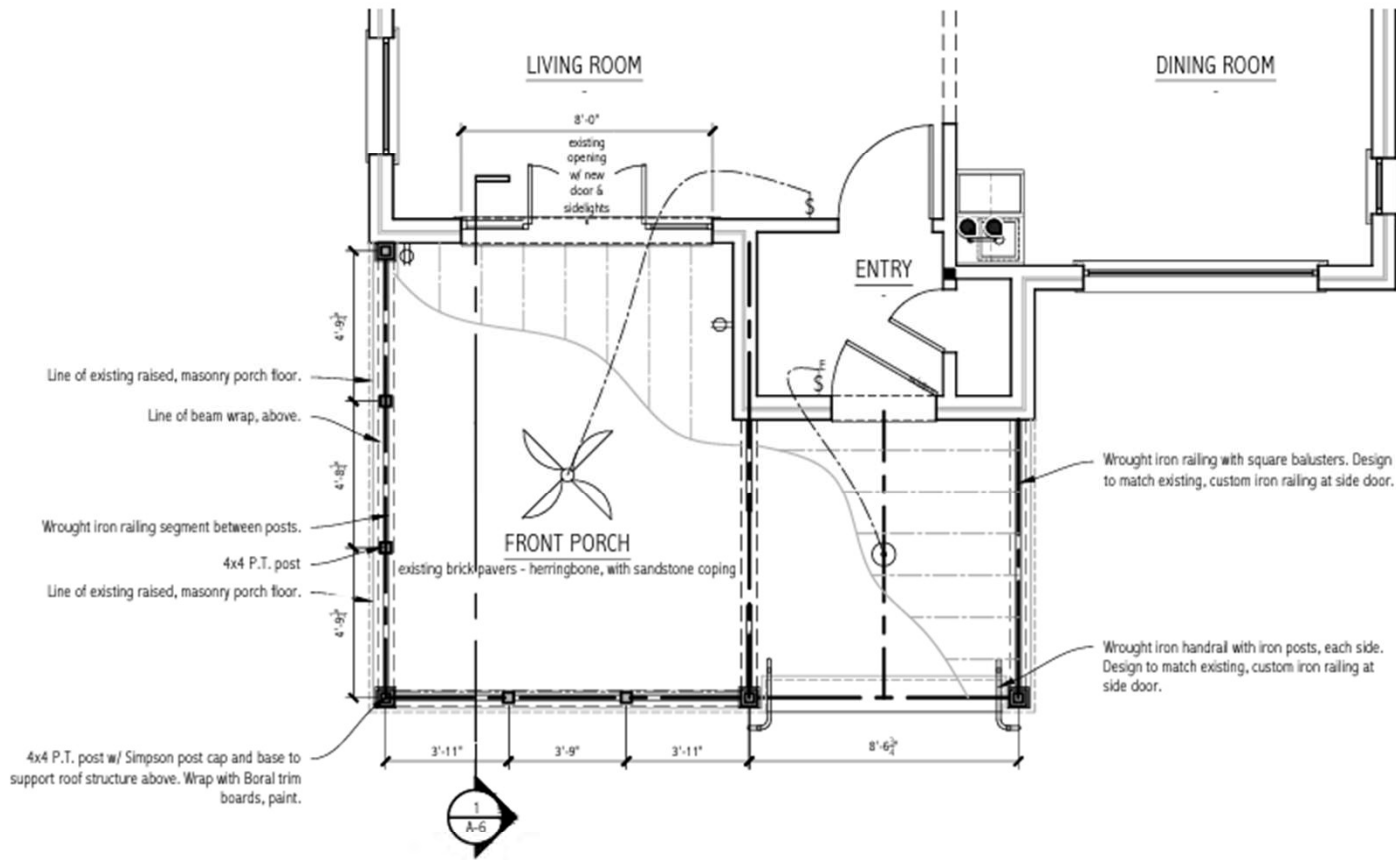
GRADY RESIDENCE
17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107

DANE STREET STUDIO

A-1



Docket No. 5-44-24 (17401 Edgewater)
Residential Roof Addition - Fort



Line of existing raised, masonry porch floor.

Line of beam wrap, above.

Wrought iron railing segment between posts.

4x4 P.T. post

Line of existing raised, masonry porch floor.

4x4 P.T. post w/ Simpson post cap and base to support roof structure above. Wrap with Boral trim boards, paint.

Wrought iron railing with square balusters. Design to match existing, custom iron railing at side door.

Wrought iron handrail with iron posts, each side. Design to match existing, custom iron railing at side door.

SCALE
1/4" = 1'-0"

DATE
Design Review 1 3.11.23
CD Review 10.17.23
CD Review 2 1.10.24
ADP Submission 4.16.24

PROPOSED PLANS

GRADY RESIDENCE
17401 EDGEWATER DRIVE
LAKEMOOD, OHIO 44107

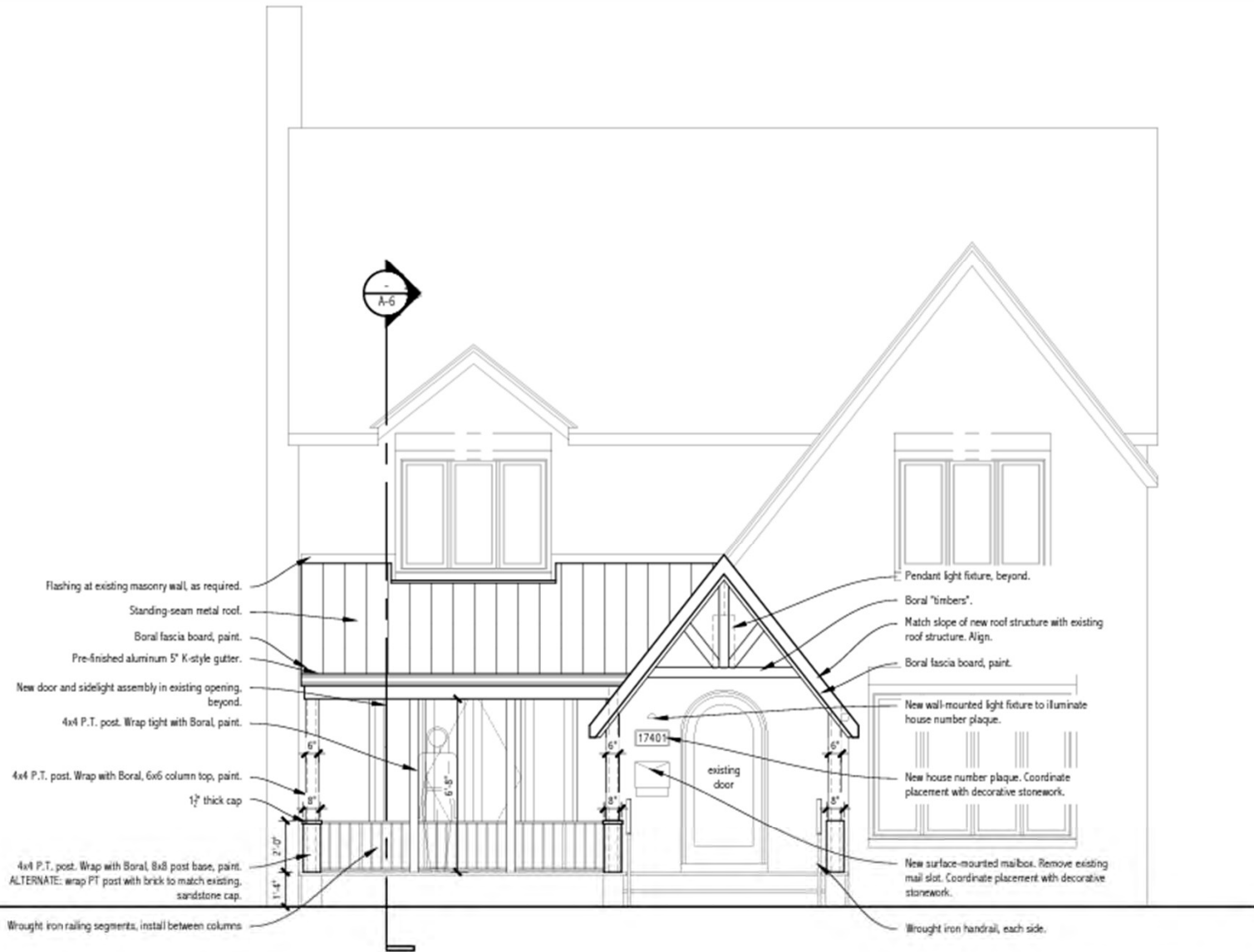
DANE STREET STUDIO

A-2



Docket No. 5-44-24 (17401 Edgewater)

Residential Roof Addition - Fort



SCALE

1/4" = 1'-0"

DATE

Design/Issue 1
12/17/23
12/17/24
NRJ Submission

3/11/24
10/17/23
3/12/24
4/10/24

EXTERIOR ELEVATION - NORTH

GRADY RESIDENCE

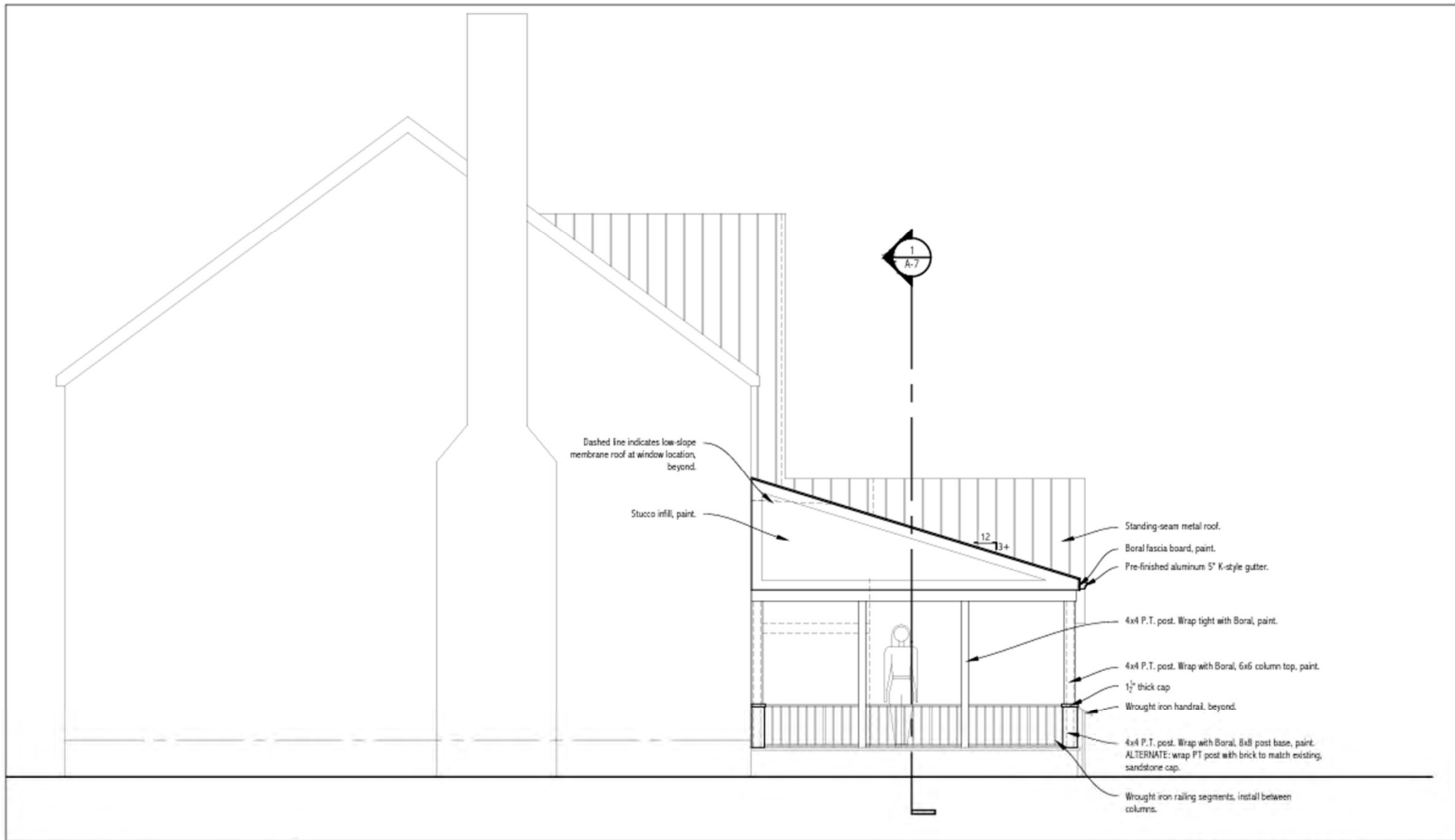
17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107

DANE STREET STUDIO

A-3



Docket No. 5-44-24 (17401 Edgewater)
Residential Roof Addition - Fort



Dashed line indicates low-slope membrane roof at window location, beyond.

Stucco infill, paint.

12/13+

Standing-seam metal roof.

Boral fascia board, paint.

Pre-finished aluminum 5' K-style gutter.

4x4 P.T. post. Wrap tight with Boral, paint.

4x4 P.T. post. Wrap with Boral, 6x6 column top, paint.

1 1/2" thick cap

Wrought iron handrail, beyond.

4x4 P.T. post. Wrap with Boral, 8x8 post base, paint.
ALTERNATE: wrap PT post with brick to match existing, sandstone cap.

Wrought iron railing segments, install between columns.

SCALE

1/2" = 1'-0"

DATE

Design/Issue 1
C2 Review
C3 Review 2
MR Submission

10/11/23
10/17/23
3/12/24
4/11/24

EXTERIOR ELEVATION - EAST

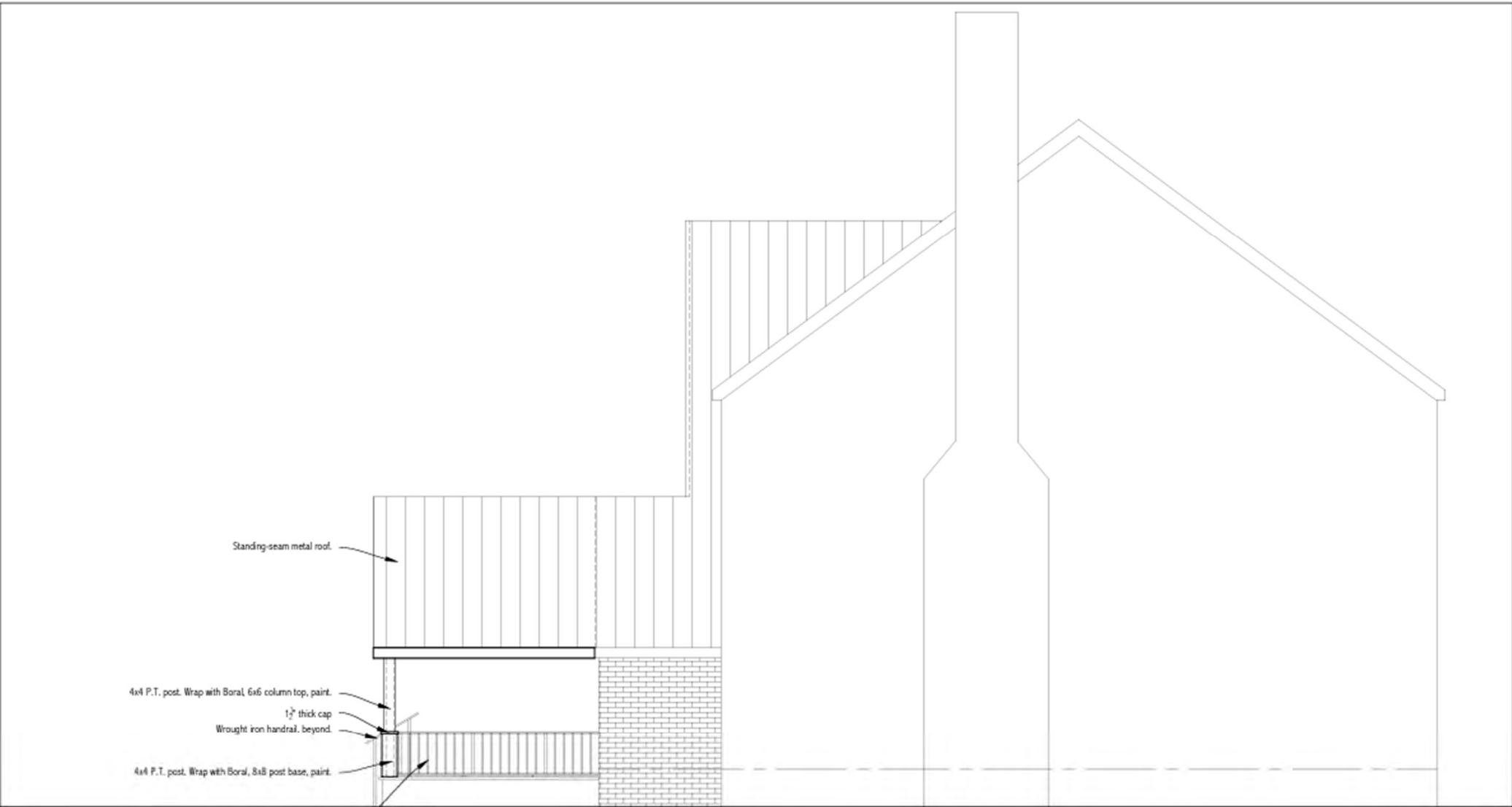
GRADY RESIDENCE
17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107

DANE STREET STUDIO

A-4



Docket No. 5-44-24 (17401 Edgewater)
Residential Roof Addition - Fort



Standing-seam metal roof.

4x4 P.T. post. Wrap with Boral. 6x6 column top, paint.

1 1/2" thick cap

Wrought iron handrail, beyond.

4x4 P.T. post. Wrap with Boral. 8x8 post base, paint.

Wrought iron railing segments, install between columns.

SCALE	TITLE	DATE
1/4" = 1'-0"	CD Review	10/17/23
	CD Review 2	3/12/24
	ADR Submission	4/16/24

EXTERIOR ELEVATION - WEST

GRADY RESIDENCE
17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107

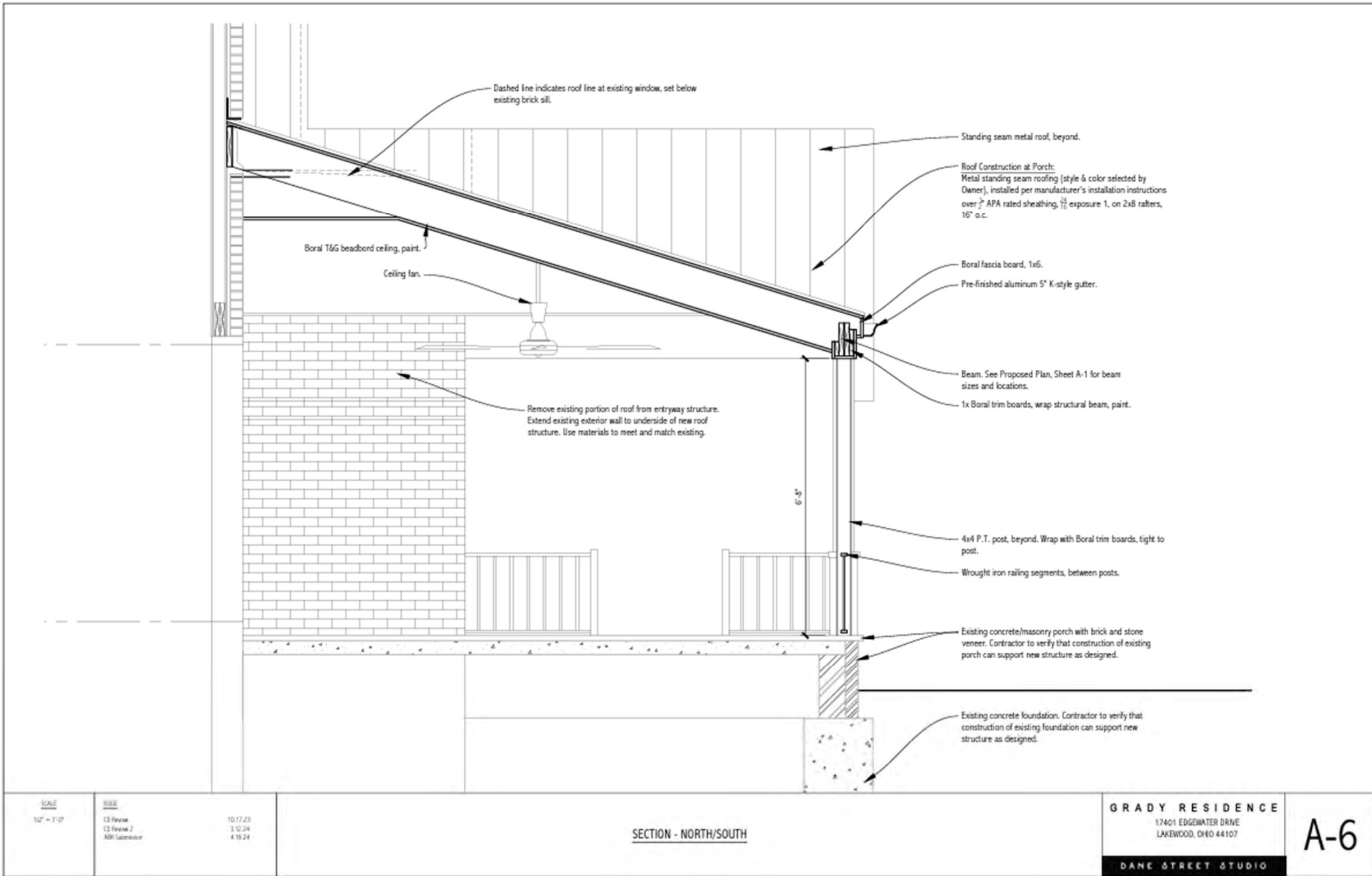
DANE STREET STUDIO

A-5



Docket No. 5-44-24 (17401 Edgewater)

Residential Roof Addition - Fort



Docket No. 5-44-24 (17401 Edgewater)

Residential Roof Addition - Fort



<p><u>SCALE</u></p> <p>NA</p>	<p><u>DISE</u></p> <p>ABR Submission ABR Submission Revised</p> <p>4.16.24 5.8.24</p>	<p>REVISED MODEL - TIMBER STRUCTURE APPROACH - FRONT</p>	<p>GRADY RESIDENCE</p> <p>17401 EDGEWATER DRIVE LAKWOOD, OHIO 44107</p> <p>DANE STREET STUDIO</p>	<p>A-11</p>
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Docket No. 5-44-24 (17401 Edgewater)
Residential Roof Addition - Fort



Docket No. 5-44-24 (17401 Edgewater)
Residential Roof Addition - Fort



<u>SCALE</u>	<u>DATE</u>	
1/4"	ABR Submission ABR Submission Revised	4.16.24 5.8.24

REVISED MODEL - MASONRY STRUCTURE APPROACH - FRONT

GRADY RESIDENCE
17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107
DANE STREET STUDIO

A-14



Docket No. 5-44-24 (17401 Edgewater)
Residential Roof Addition - Fort



<p><u>SCALE</u></p> <p>NA</p>	<p><u>DATE</u></p> <p>ADR Submitted: 4.16.24 ADR Submitted Revised: 5.8.24</p>	<p>REVISED MODEL - MASONRY STRUCTURE APPROACH - OBLIQUE WEST</p>	<p>GRADY RESIDENCE 17401 EDGEWATER DRIVE LAKEWOOD, OHIO 44107</p>	<p>A-16</p>
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DANE STREET STUDIO



Docket No. 5-44-24 (17401 Edgewater)

Residential Roof Addition - Fort

metal roof - weathered copper



french door - tan



iron railing - black

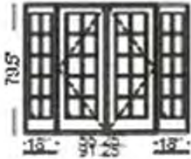


metal roof product sample



Docket No. 5-44-24 (17401 Edgewater)
Residential Roof Addition - Fort

Line #	Location:	Attributes	Item Price	Qty	Ext'd Price
36	CUSTOM DOOR WIDTH	<p>Pella® Reserve, , Traditional Inswing Door Sidelight, Double Inswing Door, Inswing Door Sidelight, 91.25 X 79.5, Tan</p> <p>1: 1880 Fixed Inswing Door Sidelight Frame Size: 18 X 79 1/2 General Information: Standard, Clad, Pine, 6 1/4", 4 15/16", Standard Sill, Mill Finish Sill, Black Composite Threshold Exterior Color / Finish: Painted, Standard Enduraclad, Tan Interior Color / Finish: Primed Interior Sash / Panel: Putty Glaze, Ogee, Standard Glass: Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Performance Information: U-Factor 0.29, SHGC 0.16, VLT 0.28, CPD PEL-N-218-08884-00001, Performance Class LC, PG 55, Calculated Positive DP Rating 55, Calculated Negative DP Rating 70, Year Rated 11, STC 31, OITC 25 Grille: ILT, No Custom Grille, 1 1/4", Traditional (2W5H), Putty Glaze, Ogee</p> <p>2: Non-Standard Size Active / Passive Double Inswing Door Frame Size: 55 1/4 X 79 1/2 General Information: Standard, Clad, Pine, 6 1/4", 4 15/16", Standard Sill, Mill Finish Sill, Black Composite Threshold Exterior Color / Finish: Painted, Standard Enduraclad, Tan Interior Color / Finish: Primed Interior Sash / Panel: Putty Glaze, Ogee, Standard Glass: Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Standard, Satin Nickel, Order Handle Set, Multipoint Lock, No Integrated Sensor Screen: Hinge Screen, Tan, Satin Nickel, InView™ Performance Information: U-Factor 0.29, SHGC 0.16, VLT 0.28, CPD PEL-N-218-07988-00001, Performance Class LC, PG 55, Calculated Positive DP Rating 55, Calculated Negative DP Rating 70, Year Rated 11, STC 31, OITC 25 Grille: ILT, No Custom Grille, 1 1/4", Traditional (2W5H / 2W5H), Putty Glaze, Ogee</p> <p>3: 1880 Fixed Inswing Door Sidelight Frame Size: 18 X 79 1/2 General Information: Standard, Clad, Pine, 6 1/4", 4 15/16", Standard Sill, Mill Finish Sill, Black Composite Threshold Exterior Color / Finish: Painted, Standard Enduraclad, Tan Interior Color / Finish: Primed Interior Sash / Panel: Putty Glaze, Ogee, Standard Glass: Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Performance Information: U-Factor 0.29, SHGC 0.16, VLT 0.28, CPD PEL-N-218-08884-00001, Performance Class LC, PG 55, Calculated Positive DP Rating 55, Calculated Negative DP Rating 70, Year Rated 11, STC 31, OITC 25 Grille: ILT, No Custom Grille, 1 1/4", Traditional (2W5H), Putty Glaze, Ogee Vertical Mull 1: FactoryMull, Standard Joining Mullion - Doors, Frame To Frame Width- 0", Mull Design Pressure- 20 Vertical Mull 2: FactoryMull, Standard Joining Mullion - Doors, Frame To Frame Width- 0", Mull Design Pressure- 20 Wrapping Information: Foldout Fins, Factory Applied, No Exterior Trim, 4 15/16", 6 1/4", Factory Applied, Pella Recommended Clearance, Perimeter Length = 342".</p>	\$11,725.33	1	\$11,725.33



PK #
2164

Viewed From Exterior
Rough Opening: 92" X 80"

For more information regarding the finishing, maintenance, service and warranty of all Pella® products, visit the Pella® website at www.pella.com



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Residential Roof Addition - Fort

Product Selection Guide

Size and Performance Data.....ISD-2
 Sound Transmission Class and Outdoor-Indoor Transmission Class.....ISD-3
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 Glazing Performance.....ISD-6
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 Grille Types
 Typical Grille Patterns.....ISD-13
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 Special Sizes and Dimensions.....ISD-21
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 Clad.....ISD-26
 Wood.....ISD-27
 Unit Sections
 Wood Collection.....ISD-28
 Clad.....ISD-32
 Wood.....ISD-42
 Handle Hardware Dimensions.....ISD-46

Supporting documents for this product:

Test Reports:

https://media.pella.com/professional/adm/CertificationReports/Test_Reports_AS_Clad.pdf

CSI Specs (readable using Microsoft Word or other text editing application):

https://media.pella.com/professional/adm/Wood_CSI_Specs/08213-R.rtf

AIA Masterspec

(readable using Microsoft Word or other text editing application):

https://media.pella.com/professional/adm/Wood_CSI_Specs/Masterspec/085200_f1.doc

Detailed Product Description

(readable using Microsoft Word or other text editing application):

Clad: <https://media.pella.com/professional/adm/Clad-Wood/PR-InSwingDoor-C.rtf>

Wood: <https://media.pella.com/professional/adm/Clad-Wood/PR-InSwingDoor-W.rtf>

Size Tables (requires appropriate CAD software to read and use):

https://media.pella.com/professional/adm/Clad-Wood/AS-IF-OG-PT-Env_D.dwg

CAD cross sections (requires appropriate CAD software to read and use):

https://media.pella.com/professional/adm/Clad-Wood/PRCW-IS-Detail_D.dwg

3D & BIM / REVIT (requires appropriate software to read and use):

https://media.pella.com/professional/adm/RevitFiles/PR_Revit/Door_In_Swing_Pella_Reserve_Traditional.zip

Sketchup (requires appropriate software to read and use):

https://media.pella.com/professional/adm/Clad-Wood/PellaSKP_PellaReserve_Traditional_Hinged_Door_In_Swing.zip

Combination Recommendations:

https://media.pella.com/professional/adm/Clad-Wood/D_Combinations.pdf

Installation Details:

https://media.pella.com/professional/adm/Clad-Wood/F_InstallationDetails.pdf

Impact-Resistant In-Swing Door, Complete Product Information:

https://media.pella.com/professional/adm/Clad-Wood/Pella_ImpactResistant_InSwingDoor.pdf

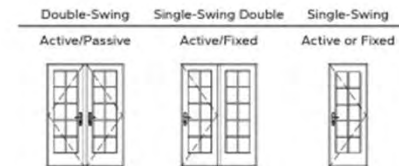
The information published in this document is believed to be accurate at the time of publication. However, because we are constantly working to improve our products, specifications are subject to change without notice. Consult your local Pella representative for up-to-date product information.
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Pella® Reserve™ Traditional In-Swing Patio Door

Size and Performance Data

	Clad	Wood
Sizes		
Standard door sizes	●	●
Standard sidelight sizes	●	●
Standard transom sizes – Fixed Frame Direct Set	●	●
Fixed casement	●	●
Wide stile casement	●	●
Special sizes	●	●
Custom sizes and shapes	●	●
Standard Single-Swing Single Door Widths		
2' 2"	●	●
2' 6"	●	●
2' 10"	●	●
3'	●	●
3' 2"	●	●
Standard Single-Swing Double Door Widths		
4' 2"	●	–
5'	●	–
5' 7"	●	–
6'	●	–
6' 3"	●	–
Standard Double-Swing Door Widths		
4' 2"	●	●
5'	●	●
5' 7"	●	●
6'	●	●
6' 3"	●	●
Standard Door Heights		
6' 7-1/2"	●	●
6' 10"	●	●
7' 2"	●	●
8' 0"	●	●
10' 0"	●	●



(-) = Not Available

(1) The higher the level, the greater the product's ability to resist forced entry. Valid only if Pella supplied locking system is used.



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 Residential Roof Addition - Fort



Pella® Reserve™ Traditional In-Swing Patio Door

Size and Performance Data

	Clad	Wood	
Performance data			
Doors 8' Tall and Under	Standard Sill - Non-Impact Glazing		
	Meets or Exceeds AAMA/WDMA Ratings	LC55 Hallmark Certified	LC55 Hallmark Certified
	Air Infiltration (cfm/ft ² of frame @ 1.57 psf wind pressure)	0.15	0.15
	Water Resistance	8.36 psf	8.36 psf
	Design Pressure	55 psf	55 psf
	Low Profile Sill		
	Water Resistance	0 psf	0 psf
	Products with Impact-Resistant Glass		
	Meets or Exceeds AAMA/WDMA Ratings	LC55	LC55
	Air Infiltration (cfm/ft ² of frame @ 1.57 psf wind pressure)	0.15	0.15
Water Resistance	8.36 psf	8.36 psf	
Design Pressure	55 psf	55 psf	
Doors Over 8' Tall up to 10'	Standard Sill - Non-Impact Glazing		
	Meets or Exceeds AAMA/WDMA Ratings	LC40 Hallmark Certified	LC40 Hallmark Certified
	Air Infiltration (cfm/ft ² of frame @ 1.57 psf wind pressure)	0.15	0.15
	Water Resistance	7.52 psf	7.52 psf
	Design Pressure	40 psf	40 psf
	Low Profile Sill		
	Water Resistance	0 psf	0 psf
	Products with Impact-Resistant Glass		
	Meets or Exceeds AAMA/WDMA Ratings	LC40	LC40
	Air Infiltration (cfm/ft ² of frame @ 1.57 psf wind pressure)	0.15	0.15
Water Resistance	7.52 psf	7.52 psf	
Design Pressure	40 psf	40 psf	
Other Performance Criteria			
Forced Entry Resistance Level (Minimum Security Grade) ₂	40		

Sound Transmission Class / Outdoor-Indoor Transmission Class							
Product	Frame Size Tested ₂	Glazing System				STC Rating	OITC Rating
		Overall Glazing Thickness	Exterior Glass Thickness	Interior Glass Thickness	Third Pane Thickness		
Clad In-Swing	Without Grilles						
	71-1/4" x 81-1/2"	13/16"	3mm	3mm	—	31	25
	71-1/4" x 81-1/2"	13/16"	3mm	7.6mm PVB	—	34	28
Clad In-Swing with Impact-Resistant Glass	Without Grilles						
	71-1/4" x 81-1/2"	7/8"	8.6mm PVB	4.7mm	—	33	30

(-) = Not Available
 [1] Maximum performance for single unit when glazed with the appropriate glass thickness. Doors supplied without latching hardware are not AAMA/WDMA performance certified. See Design Data pages in this section for specific product performance class and grade values.
 [2] The higher the level, the greater the product's ability to resist forced entry. Valid only if Pella
 [3] ASTM E 1425 defines standard sizes for acoustical testing. Ratings achieved at that size are representative of all sizes of the same configuration.
 NOTE: Performance with additional options may not be the same as Standard and Special size units. Please contact your local Pella representative for complete information.



Pella® Reserve™ Traditional In-Swing Patio Door

Features and Options

Standard	Options / Upgrades
Glazing	
Glazing Type	
Dual-Pane Insulating Glass	Triple-Pane Insulating Glass
Insulated Glass Options/Low-E Types	
	SunDefense™ Low-E
	SunDefense+ Low-E
	AdvancedComfort Low-E
Advanced Low-E	NaturalSun Low-E
	NaturalSun+ Low-E
	Clear (no Low-E coating)
Additional Glass Options	
	Obscure Glass ₁
Tempered Glass	Tinted Glass (Bronze, Gray and Green)
	Impact-Resistant Laminated Glass
Gas Fill/High Altitude	
Argon	High altitude
Wood Types	
Pine	Mahogany, Douglas Fir
Exterior	
	EnduraClad Plus protective finish
EnduraClad® protective finish	Factory Primed Pine wood exterior
	Unfinished Mahogany wood exterior
Cladding Colors	
Standard colors ₁	Feature Colors, Custom Colors ₁
Sill Finish₂	
	Mill finish
Black	Satin nickel anodized
	Bronze anodized
Interior	
Unfinished wood	Factory primed ₃ , Factory prefinished paint ₃ , Factory prefinished stain
Hardware	
White, Champagne, Brown, Matte Black	Satin Brass, Satin Nickel, Oil-Rubbed Bronze,
Locking System	
Multi-Point	—
Key lock	—
Grilles	
Integral Light Technology® Grilles	
—	Traditional, Prairie, Top Row, Cross, New England, Victorian, Custom
Grilles-Between-the-Glass	
—	Traditional, Prairie, Top Row, Cross, Custom-Equally Divided
Screens	
—	InView™ screens

[1] Contact your local Pella sales representative for current designs and color options.
 [2] ADA sill finishes available in mill or bronze anodized only.
 [3] Not available on Mahogany and Douglas Fir interiors.



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 Residential Roof Addition - Fort

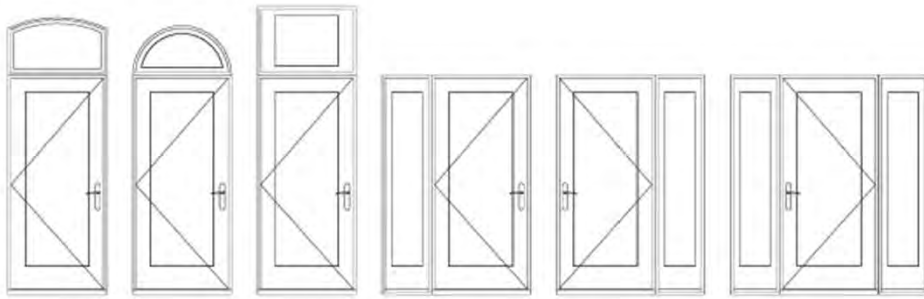


Combinations

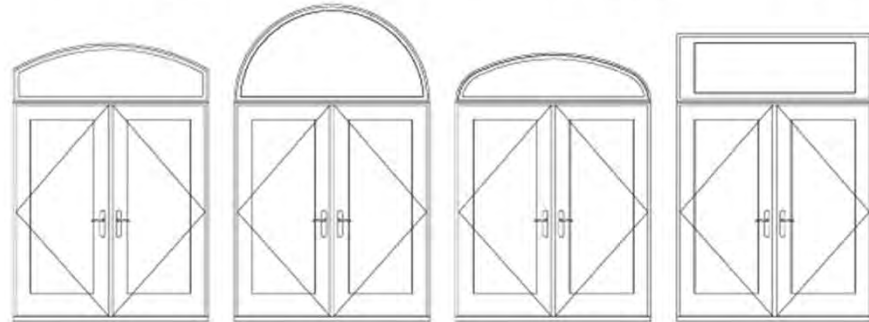
Combinations are a great way to create visual interest in any project. A combination is an assembly formed by two or more separate windows or doors whose frames are milled together by a combination or reinforcing mullion.

Pella window combinations are available in an endless variety of arrangements. Below are examples of common configurations, see the Combinations Recommendations document for typical mullions, requirements and limitations.

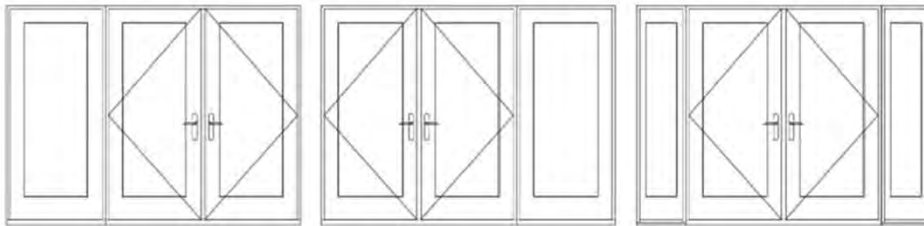
Contact your local Pella sales representative for more information.



Arch Head over Single Half Circle over Single Transom over Single₁ Single with Left Sidelight Single with Right Sidelight Single with Double Sidelight



Arch Head over Double Half Circle over Double Elliptical over Double Transom over Double



Double with Single Left Double with Single Right Double with Double Sidelights

Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)		Gap Fill	Performance Values ¹				Shaded Areas Meet ENERGY STAR [®] Performance Criteria in Zones Shown ²					
			Ext.	Int.		U-Factor	SHGC	VLT	CR	U. S.		Canada ³			
										Zone		ER	Zone		
Vent Dual-Pane Glazing - Aluminum-Clad Exterior										N	NC	SC	S	CA	
13/16"	Clear IG	PEL-N-218-07953-00001	3	3	air	0.40	0.44	0.46	48						
	with grilles-between-the-glass	PEL-N-218-07954-00001				0.40	0.38	0.39	48						
	with integral grilles	PEL-N-218-07955-00001				0.40	0.38	0.39	48						
13/16"	Advanced Low-E IG	PEL-N-218-07985-00001	3	3	argon	0.27	0.21	0.39	61			SC	S		
	with grilles-between-the-glass	PEL-N-218-07986-00001				0.27	0.18	0.33	61			SC	S		
	with integral grilles	PEL-N-218-07987-00001				0.28	0.18	0.33	61			SC	S		
13/16"	SunDefense™ Low-E IG	PEL-N-218-07961-00001	3	3	argon	0.27	0.16	0.36	61			SC	S		
	with grilles-between-the-glass	PEL-N-218-07962-00001				0.27	0.14	0.31	61			SC	S		
	with integral grilles	PEL-N-218-07963-00001				0.28	0.14	0.31	61			SC	S		
13/16"	SunDefense+ Low-E IG	PEL-N-218-11573-00001	3	3	argon	0.24	0.16	0.35	48	N	NC	SC	S		
	with grilles-between-the-glass	PEL-N-218-11574-00001				0.24	0.14	0.30	48	N	NC	SC	S		
	with integral grilles	PEL-N-218-11575-00001				0.25	0.14	0.30	48	N	NC	SC	S		
13/16"	AdvancedComfort Low-E IG	PEL-N-218-07969-00001	3	3	argon	0.24	0.21	0.38	48	N	NC	SC	S		
	with grilles-between-the-glass	PEL-N-218-07970-00001				0.24	0.18	0.33	48	N	NC	SC	S		
	with integral grilles	PEL-N-218-07971-00001				0.25	0.18	0.33	48	N	NC	SC	S		
13/16"	NaturalSun Low-E IG	PEL-N-218-07977-00001	3	3	argon	0.28	0.39	0.44	60						
	with grilles-between-the-glass	PEL-N-218-07978-00001				0.28	0.34	0.38	60						
	with integral grilles	PEL-N-218-07979-00001				0.29	0.34	0.38	60						
13/16"	NaturalSun+ Low-E IG	PEL-N-218-11541-00001	3	3	argon	0.25	0.36	0.43	47	N	NC				
	with grilles-between-the-glass	PEL-N-218-11542-00001				0.25	0.31	0.37	47	N	NC				
	with integral grilles	PEL-N-218-11543-00001				0.26	0.31	0.37	47	N	NC				
Tinted Glazing															
13/16"	Bronze Advanced Low-E IG	PEL-N-218-08029-00001	5	3	argon	0.27	0.19	0.25	62			SC	S		
	with grilles-between-the-glass	PEL-N-218-08030-00001				0.27	0.16	0.22	62			SC	S		
	with integral grilles	PEL-N-218-08031-00001				0.28	0.16	0.22	62			SC	S		
13/16"	Gray Advanced Low-E IG	PEL-N-218-08037-00001	5	3	argon	0.27	0.17	0.22	62			SC	S		
	with grilles-between-the-glass	PEL-N-218-08038-00001				0.27	0.15	0.19	62			SC	S		
	with integral grilles	PEL-N-218-08039-00001				0.28	0.15	0.19	62			SC	S		
13/16"	Green Advanced Low-E IG	PEL-N-218-08045-00001	5	3	argon	0.27	0.21	0.34	62			SC	S		
	with grilles-between-the-glass	PEL-N-218-08046-00001				0.27	0.18	0.29	62			SC	S		
	with integral grilles	PEL-N-218-08047-00001				0.28	0.18	0.29	62			SC	S		
High Altitude Glazing															
13/16"	Advanced Low-E IG	PEL-N-218-07981-00001	3	3	air	0.30	0.21	0.39	58						
	with grilles-between-the-glass	PEL-N-218-07982-00001				0.30	0.19	0.33	58						
	with integral grilles	PEL-N-218-07983-00001				0.31	0.19	0.33	58						
13/16"	SunDefense Low-E IG	PEL-N-218-07957-00001	3	3	air	0.30	0.16	0.36	58						
	with grilles-between-the-glass	PEL-N-218-07958-00001				0.30	0.14	0.31	58						
	with integral grilles	PEL-N-218-07959-00001				0.30	0.14	0.31	58						
13/16"	SunDefense+ Low-E IG	PEL-N-218-11569-00001	3	3	air	0.26	0.16	0.35	45	N	NC	SC	S		
	with grilles-between-the-glass	PEL-N-218-11570-00001				0.26	0.14	0.30	45	N	NC	SC	S		
	with integral grilles	PEL-N-218-11571-00001				0.27	0.14	0.30	45	N	NC	SC	S		
13/16"	AdvancedComfort Low-E IG	PEL-N-218-07965-00001	3	3	air	0.26	0.21	0.38	45	N	NC	SC	S		
	with grilles-between-the-glass	PEL-N-218-07966-00001				0.26	0.18	0.33	45	N	NC	SC	S		
	with integral grilles	PEL-N-218-07967-00001				0.27	0.18	0.33	45	N	NC	SC	S		
13/16"	NaturalSun Low-E IG	PEL-N-218-07973-00001	3	3	air	0.30	0.39	0.44	57						
	with grilles-between-the-glass	PEL-N-218-07974-00001				0.30	0.34	0.38	57						
	with integral grilles	PEL-N-218-07975-00001				0.31	0.34	0.38	57						
13/16"	NaturalSun+ Low-E IG	PEL-N-218-11537-00001	3	3	air	0.26	0.35	0.43	44	N	NC				
	with grilles-between-the-glass	PEL-N-218-11538-00001				0.26	0.31	0.37	44	N	NC				
	with integral grilles	PEL-N-218-11539-00001				0.27	0.31	0.37	44	N	NC				

R-Value = U-Factor
SHGC = Solar Heat Gain Coefficient
VLT % = Visible Light Transmission
CR = Condensation Resistance
ER = Canadian Energy Rating

(1) Glazing performance values are calculated for Pine using NFRC 100, NFRC 200 and NFRC 500. Thermal performance of other wood species may vary. ENERGY STAR® values are updated to 2023 (Version 7) criteria.
(2) The values shown are based on Canada's updated ENERGY STAR® 2020 initiative.
U-Factor values shown are based on a standard sill and pine interior.
For center-glass values, see the Product Performance section.
Visit www.energystar.gov for Energy Star guidelines.



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Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)			Gap Fill	Performance Values				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown							
			Ext.	Mid.	Int.		U-Factor	SHGC	VLT	CR	U. S.			Canada				
											Zone	ER	Zone	ER	Zone	CA		
																	N	NC
Vent Triple-Pane Glazing - Aluminum-Clad Exterior																		
1"	Advanced Low-E IG	PEL-N-218-08345-00001	3	3	3	argon	0.22	0.19	0.35	70	N	NC	SC	S				
	with grilles-between-the-glass	PEL-N-218-08346-00001					0.23	0.17	0.29	70	N	NC	SC	S				
	with integral grilles	PEL-N-218-08347-00001					0.23	0.17	0.29	70	N	NC	SC	S				
1"	SunDefense™ Low-E IG	PEL-N-218-08357-00001	3	3	3	argon	0.22	0.15	0.32	70	N	NC	SC	S				
	with grilles-between-the-glass	PEL-N-218-08358-00001					0.23	0.13	0.27	70	N	NC	SC	S				
	with integral grilles	PEL-N-218-08359-00001					0.23	0.13	0.27	70	N	NC	SC	S				
1"	NaturalSun Low-E IG	PEL-N-218-08333-00001	3	3	3	argon	0.23	0.32	0.39	70	N	NC						
	with grilles-between-the-glass	PEL-N-218-08334-00001					0.23	0.28	0.33	70	N	NC						
	with integral grilles	PEL-N-218-08335-00001					0.23	0.28	0.33	70	N	NC						
High Altitude Glazing																		
1"	Advanced Low-E IG	PEL-N-218-08341-00001	3	3	3	air	0.25	0.19	0.35	66	N	NC	SC	S				
	with grilles-between-the-glass	PEL-N-218-08342-00001					0.26	0.17	0.29	66	N	NC	SC	S				
	with integral grilles	PEL-N-218-08343-00001					0.25	0.17	0.29	66	N	NC	SC	S				
1"	SunDefense Low-E IG	PEL-N-218-08353-00001	3	3	3	air	0.25	0.15	0.32	66	N	NC	SC	S				
	with grilles-between-the-glass	PEL-N-218-08354-00001					0.26	0.13	0.27	66	N	NC	SC	S				
	with integral grilles	PEL-N-218-08355-00001					0.25	0.13	0.27	66	N	NC	SC	S				
1"	NaturalSun Low-E IG	PEL-N-218-08329-00001	3	3	3	air	0.25	0.32	0.39	66	N	NC						
	with grilles-between-the-glass	PEL-N-218-08330-00001					0.26	0.28	0.33	66	N	NC						
	with integral grilles	PEL-N-218-08331-00001					0.26	0.28	0.33	66	N	NC						

R-Value = U-Factor
 SHGC = Solar Heat Gain Coefficient
 VLT % = Visible Light Transmission
 CR = Condensation Resistance
 ER = Canadian Energy Rating

(1) Glazing performance values are calculated for Pine using NFRC 100, NFRC 200 and NFRC 500. Thermal performance of other wood species may vary. ENERGY STAR® values are updated to 2023 (Version 7) criteria.

(2) The values shown are based on Canada's updated ENERGY STAR® 2020 initiative.

U-Factor values shown are based on a standard sill and pine interior.

For center-glass values, see the Product Performance section.

Visit www.energystar.gov for Energy Star guidelines.



Glazing Performance - Total Unit

Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)			Gap Fill	Performance Values				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown						
			Ext.	Int.	Air		U-Factor	SHGC	VLT	CR	U. S.			Canada			
											Zone	ER	Zone	ER	Zone	CA	
																	N
Vent Dual-Pane Glazing - Wood Exterior																	
13/16"	Clear IG	PEL-N-215-06521-00001	3	3	Air	0.39	0.44	0.46	46								
	with grilles-between-the-glass	PEL-N-215-06522-00001				0.39	0.38	0.39	46								
	with integral grilles	PEL-N-215-06523-00001				0.40	0.38	0.39	46								
13/16"	Advanced Low-E IG	PEL-N-215-06537-00001	3	3	Argon	0.27	0.21	0.39	59					SC	S		
	with grilles-between-the-glass	PEL-N-215-06538-00001				0.27	0.18	0.33	59					SC	S		
	with integral grilles	PEL-N-215-06539-00001				0.28	0.18	0.33	59					SC	S		
13/16"	SunDefense™ Low-E IG	PEL-N-215-06529-00001	3	3	Argon	0.27	0.16	0.36	46					SC	S		
	with grilles-between-the-glass	PEL-N-215-06530-00001				0.27	0.14	0.31	46					SC	S		
	with integral grilles	PEL-N-215-06531-00001				0.27	0.14	0.31	46					SC	S		
13/16"	SunDefense+ Low-E IG	PEL-N-215-08533-00001	3	3	argon	0.24	0.16	0.35	39	N	NC	SC	S				
	with grilles-between-the-glass	PEL-N-215-08534-00001				0.24	0.14	0.30	39	N	NC	SC	S				
	with integral grilles	PEL-N-215-08535-00001				0.25	0.14	0.30	39	N	NC	SC	S				
13/16"	AdvancedComfort Low-E IG	PEL-N-215-06553-00001	3	3	Argon	0.24	0.21	0.38	58	N	NC	SC	S				
	with grilles-between-the-glass	PEL-N-215-06554-00001				0.24	0.18	0.33	58	N	NC	SC	S				
	with integral grilles	PEL-N-215-06555-00001				0.25	0.18	0.33	58	N	NC	SC	S				
13/16"	NaturalSun Low-E IG	PEL-N-215-06545-00001	3	3	Argon	0.28	0.39	0.44	59								
	with grilles-between-the-glass	PEL-N-215-06546-00001				0.28	0.34	0.38	59								
	with integral grilles	PEL-N-215-06547-00001				0.28	0.34	0.38	59								
13/16"	NaturalSun+ Low-E IG	PEL-N-215-08509-00001	3	3	argon	0.24	0.36	0.43	49	N	NC						
	with grilles-between-the-glass	PEL-N-215-08510-00001				0.24	0.31	0.37	49	N	NC						
	with integral grilles	PEL-N-215-08511-00001				0.25	0.31	0.37	49	N	NC						
Tinted Glazing																	
13/16"	Bronze Advanced Low-E IG	PEL-N-215-06573-00002	5	3	Argon	0.27	0.19	0.25	58					SC	S		
	with grilles-between-the-glass	PEL-N-215-06574-00002				0.27	0.17	0.22	62					SC	S		
	with integral grilles	PEL-N-215-06575-00002				0.28	0.17	0.22	58					SC	S		
13/16"	Gray Advanced Low-E IG	PEL-N-215-06573-00003	5	3	Argon	0.27	0.17	0.22	58					SC	S		
	with grilles-between-the-glass	PEL-N-215-06574-00003				0.27	0.15	0.19	62					SC	S		
	with integral grilles	PEL-N-215-06575-00003				0.28	0.15	0.19	58					SC	S		
13/16"	Green Advanced Low-E IG	PEL-N-215-06573-00004	5	3	Argon	0.27	0.21	0.34	58					SC	S		
	with grilles-between-the-glass	PEL-N-215-06574-00004				0.27	0.19	0.29	62					SC	S		
	with integral grilles	PEL-N-215-06575-00004				0.28	0.19	0.29	58					SC	S		
High Altitude Glazing																	
13/16"	Advanced Low-E IG	PEL-N-215-06533-00001	3	3	Air	0.30	0.21	0.39	46								
	with grilles-between-the-glass	PEL-N-215-06534-00001				0.30	0.19	0.33	46								
	with integral grilles	PEL-N-215-06535-00001				0.30	0.19	0.33	46								
13/16"	SunDefense Low-E IG	PEL-N-215-06525-00001	3	3	Air	0.29	0.16	0.36	46								
	with grilles-between-the-glass	PEL-N-215-06526-00001				0.29	0.14	0.31	46								
	with integral grilles	PEL-N-215-06527-00001				0.30	0.14	0.31	46								
13/16"	SunDefense+ Low-E IG	PEL-N-215-08529-00001	3	3	air	0.25	0.16	0.35	49	N	NC	SC	S				
	with grilles-between-the-glass	PEL-N-215-08530-00001				0.25	0.14	0.30	49	N	NC	SC	S				
	with integral grilles	PEL-N-215-08531-00001				0.26	0.14	0.30	52	N	NC	SC	S				
13/16"	AdvancedComfort Low-E IG	PEL-N-215-06549-00001	3	3	Air	0.26	0.21	0.38	62	N	NC	SC	S				
	with grilles-between-the-glass	PEL-N-215-06550-00001				0.26	0.18	0.33	62	N	NC	SC	S				
	with integral grilles	PEL-N-215-06551-00001				0.26	0.18	0.33	62	N	NC	SC	S				
13/16"	NaturalSun Low-E IG	PEL-N-215-06541-00001	3	3	Air	0.30	0.39	0.44	63								
	with grilles-between-the-glass	PEL-N-215-06542-00001				0.30	0.34	0.38	63								
	with integral grilles	PEL-N-215-06543-00001				0.31	0.34	0.38	63								
13/16"	NaturalSun+ Low-E IG	PEL-N-215-08505-00001	3	3	air	0.26	0.36	0.43	41	N	NC						
	with grilles-between-the-glass	PEL-N-215-08506-00001				0.26	0.31	0.37	41	N	NC						
	with integral grilles	PEL-N-215-08507-00001				0.27	0.31	0.37	41	N	NC						

R-Value = U-Factor, SHGC = Solar Heat Gain Coefficient
 VLT % = Visible Light Transmission, CR = Condensation Resistance
 ER = Canadian Energy Rating

(1) Glazing performance values are calculated for Pine using NFRC 100, NFRC 200 and NFRC 500. Thermal performance of other wood species may vary. ENERGY STAR® values are updated to 2023 (Version 7) criteria.

(2) The values shown are based on Canada's updated ENERGY STAR® 2020 initiative.

U-Factor values shown are based on a standard sill and pine interior.

For center-glass values, see the Product Performance section.

Visit www.energystar.gov for Energy Star guidelines.



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Pella® Reserve™ Traditional In-Swing Patio Door

Glazing Performance - Total Unit

Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)			Gap Fill	Performance Values ¹				Shaded Areas Meet ENERGY STAR® Performance Criteria In Zones Shown					
			Ext.	Mid.	Int.		U-Factor	SHGC	VLT	CR	U. S.				Canada ²	
											Zone				ER	Zone
											N	NC	SC	S	CA	
Vent Triple-Pane Glazing - Wood Exterior																
1"	Advanced Low-E IG	PEL-N-215-06713-00001	3	3	3	Argon	0.22	0.19	0.35	64	N	NC	SC	S		
	with grilles-between-the-glass	PEL-N-215-06714-00001					0.23	0.17	0.29	64	N	NC	SC	S		
	with integral grilles	PEL-N-215-06715-00001					0.23	0.17	0.29	64	N	NC	SC	S		
1"	SunDefense™ Low-E IG	PEL-N-215-06725-00001	3	3	3	Argon	0.22	0.15	0.32	68	N	NC	SC	S		
	with grilles-between-the-glass	PEL-N-215-06726-00001					0.23	0.13	0.27	68	N	NC	SC	S		
	with integral grilles	PEL-N-215-06727-00001					0.22	0.13	0.27	68	N	NC	SC	S		
1"	NaturalSun Low-E IG	PEL-N-215-06701-00001	3	3	3	Argon	0.22	0.32	0.39	67	N	NC				
	with grilles-between-the-glass	PEL-N-215-06702-00001					0.23	0.28	0.33	67	N	NC				
	with integral grilles	PEL-N-215-06703-00001					0.23	0.28	0.33	67	N	NC				
High Altitude Glazing																
1"	Advanced Low-E IG	PEL-N-215-06709-00001	3	3	3	Air	0.25	0.20	0.35	68	N	NC	SC	S		
	with grilles-between-the-glass	PEL-N-215-06710-00001					0.25	0.17	0.29	68	N	NC	SC	S		
	with integral grilles	PEL-N-215-06711-00001					0.25	0.17	0.29	68	N	NC	SC	S		
1"	SunDefense Low-E IG	PEL-N-215-06721-00001	3	3	3	Air	0.25	0.15	0.32	69	N	NC	SC	S		
	with grilles-between-the-glass	PEL-N-215-06722-00001					0.25	0.13	0.27	69	N	NC	SC	S		
	with integral grilles	PEL-N-215-06723-00001					0.25	0.13	0.27	69	N	NC	SC	S		
1"	NaturalSun Low-E IG	PEL-N-215-06697-00001	3	3	3	Air	0.25	0.32	0.39	69	N	NC				
	with grilles-between-the-glass	PEL-N-215-06698-00001					0.25	0.28	0.33	69	N	NC				
	with integral grilles	PEL-N-215-06699-00001					0.25	0.28	0.33	69	N	NC				

R-Value = U-Factor
 SHGC = Solar Heat Gain Coefficient
 VLT % = Visible Light Transmission
 CR = Condensation Resistance
 ER = Canadian Energy Rating

(1) Glazing performance values are calculated for Pine using NFRC 100, NFRC 200 and NFRC 500. Thermal performance of other wood species may vary. ENERGY STAR® values are updated to 2023 (Version 7) criteria.
 (2) The values shown are based on Canada's updated ENERGY STAR® 2020 initiative.
 U-Factor values shown are based on a standard sll and pine interior.
 For center-glass values, see the Product Performance section.



Glazing Performance - Total Unit

Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)		Gap Fill	Performance Values ¹				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown					
			Ext.	Int.		U-Factor	SHGC	VLT	CR	U. S.				Canada ²	
										Zone				ER	Zone
										N	NC	SC	S	CA	
Vent - Laminated Impact-Resistant Glass															
7/8"	Clear IG	PEL-N-218-08281-00001	8	5	air	0.41	0.38	0.44	43						
	with grilles-between-the-glass	PEL-N-218-08282-00001				0.42	0.33	0.38	43						
	with integral grilles	PEL-N-218-08283-00001				0.42	0.33	0.38	43						
7/8"	Advanced Low-E IG	PEL-N-218-08285-00001	8	5	argon	0.29	0.21	0.38	58						
	with grilles-between-the-glass	PEL-N-218-08286-00001				0.30	0.18	0.33	58						
	with integral grilles	PEL-N-218-08287-00001				0.30	0.18	0.33	58						
7/8"	SunDefense™ Low-E IG	PEL-N-218-08289-00001	8	5	argon	0.28	0.17	0.35	58			SC	S		
	with grilles-between-the-glass	PEL-N-218-08290-00001				0.30	0.15	0.30	58						
	with integral grilles	PEL-N-218-08291-00001				0.30	0.15	0.30	58						
Tinted Laminated Impact-Resistant Glass															
7/8"	Bronze Advanced Low-E IG	PEL-N-218-08293-00001	8	5	air	0.41	0.26	0.18	44						
	with grilles-between-the-glass	PEL-N-218-08294-00001				0.42	0.23	0.15	44						
	with integral grilles	PEL-N-218-08295-00001				0.41	0.23	0.15	44						
7/8"	Gray Advanced Low-E IG	PEL-N-218-08297-00001	8	5	air	0.41	0.29	0.21	44						
	with grilles-between-the-glass	PEL-N-218-08298-00001				0.42	0.25	0.18	44						
	with integral grilles	PEL-N-218-08299-00001				0.41	0.25	0.18	44						
7/8"	Green Advanced Low-E IG	PEL-N-218-08301-00001	8	5	air	0.41	0.34	0.36	44						
	with grilles-between-the-glass	PEL-N-218-08302-00001				0.42	0.30	0.31	44						
	with integral grilles	PEL-N-218-08303-00001				0.41	0.30	0.31	44						

R-Value = U-Factor
 SHGC = Solar Heat Gain Coefficient
 VLT % = Visible Light Transmission
 CR = Condensation Resistance
 ER = Canadian Energy Rating

(1) Glazing performance values are calculated for Pine using NFRC 100, NFRC 200 and NFRC 500. Thermal performance of other wood species may vary. ENERGY STAR® values are updated to 2023 (Version 7) criteria.
 (2) The values shown are based on Canada's updated ENERGY STAR® 2020 initiative.
 U-Factor values shown are based on a standard sll and pine interior.
 For center-glass values, see the Product Performance section.
 Visit www.energystar.gov for Energy Star guidelines.

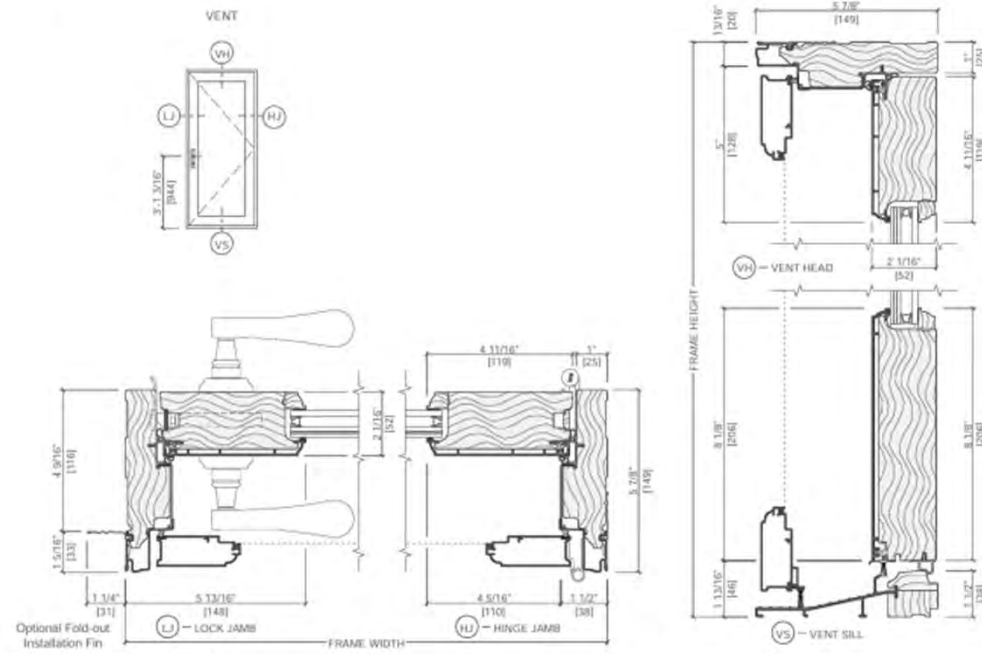


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For a complete list of ratings, refer to the Impact-Resistant product section.

	Clad
	7/8" Insulated Glass PVB
Maximum Performance Grade	
Vent units 6' 10" tall and under	+55 / -70
Vent units 8' 0" tall and under	+55 / -70
Vent units over 8' 0" tall up to 10' 0" tall	+40 / -40
Fixed units 6' 10" tall and under	+55 / -70
Fixed units 8' 0" tall and under	+55 / -70
Fixed units over 8' 0" tall up to 10' 0" tall	+55 / -70
Certification	
Miami-Dade County	—
Hallmark	411-H-1164
FPAS	FL14293
TDI	DR-635



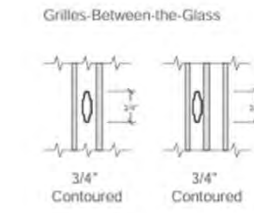
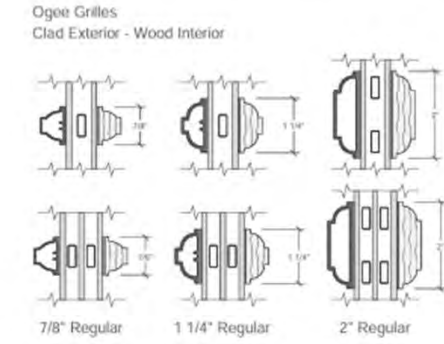
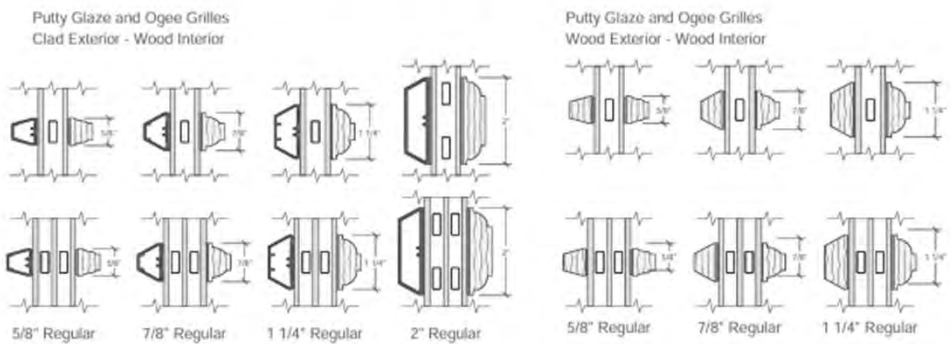
(-) = Not applicable.
 (1) Units are tested for air/water/structural and impact-resistance, and certified for wind zone 4, large missile rating D.
 For clear opening, vent area, visible glass, and frame area, see clad Design Data pages.
 To convert areas to square meters (m²), multiply square feet by 0.0929.
 Doors with low profile stile, curved glass in rectangular panel, custom stiles and rails, and no-lock no-bore hardware options are not certified to above standards.



Pella® Reserve™ Traditional In-Swing Patio Door

Grille Profiles

Traditional Style Collection - Integral Light Technology®



Interior wood Integral Light Technology grilles available in Pine, Mahogany or Douglas Fir to match complete unit.



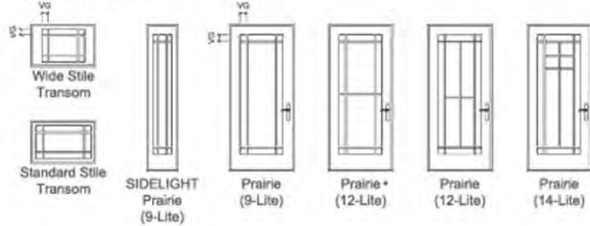
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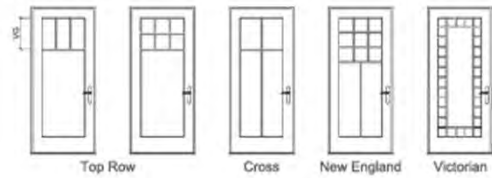
Integral Light Technology® Grilles

Prairie Lite Patterns



All sidelights and transoms will have 9 lights.
Standard corner lite dimension for Prairie patterns = 3-1/2" VG.
Integral Light Technology Grilles
• 9-Lite available in all standard and special sizes.
• 12-Lite available at 8' height; other heights available per custom drawing.
• 14-Lite available in units > 2' 1-1/2" width.

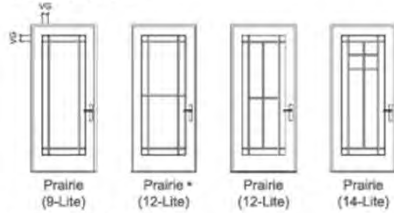
Other Available Patterns



Top Row
• Standard visible glass to separator bar = 14" or half of total visible glass height, whichever is smaller.
Cross
• Standard visible glass to separator bar = one-quarter of total visible glass height.
New England
• Standard visible glass to separator bar = half of total visible glass height.

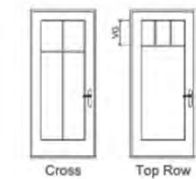
Grilles-Between-the-Glass

Prairie Lite Patterns



Prairie
• Standard corner lite dimension = 3-1/2" VG.
• 9-Lite available in units < 7' 0-3/4" height.
• Prairie in heights > 7' 0-1/2" will have 12 lites.
• 12-Lite available in units ≤ 7' 2" height.

Other Available Patterns

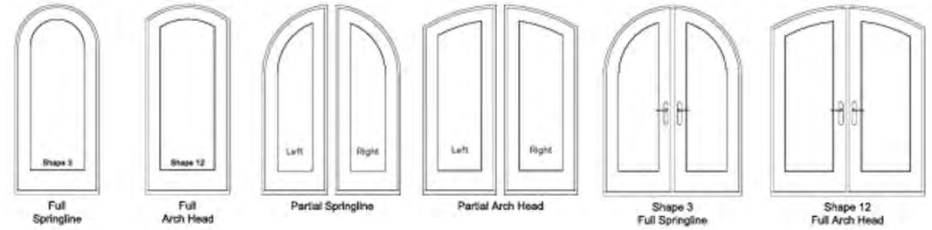


Cross
• Horizontal bar is 1/4 of visible glass from the top in door panels.
• Not available in transoms.
Top Row
• Horizontal bar may be ordered 12", 14" or 16" from the top VG.
• Transoms with frame heights ≥ 21", the horizontal bar will be positioned at 1/2 the visible glass height.
• Top Row not available in transoms with frame height < 21".

For traditional patterns, see size tables.



Pella Reserve In-Swing French doors are available in the additional shapes shown below, as well as custom shapes. For specifications, size limitations, and details on these units, contact your local Pella sales representative.





Pella® Reserve™ Traditional In-Swing Patio Door

Size Tables

6' 7" Single Doors and Sidelight

	(476) (457)	(664) (645)	(781) (762)	(870) (851)	(933) (914)	(981) (962)
Opening	1' 6 3/4"	2' 2 1/8"	2' 6 3/4"	2' 10 1/4"	3' 0 3/4"	3' 2 3/8"
Frame	1' 6"	2' 1 3/8"	2' 6"	2' 9 1/2"	3' 0"	3' 1 7/8"
(2 032) (2 019)	6' 7 1/2"					
	6' 8"					
	SIDELIGHT 1880	LEFT 2580	LEFT 3080	LEFT 3480	LEFT 3680	LEFT 3880

6' 7" Double Doors Fixed-Active

	(1 289) (1 270)	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)	(1 924) (1 905)
Opening	4' 2 3/4"	5' 0"	5' 7"	6' 0"	6' 3 3/4"
Frame	4' 2"	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"	6' 3"
(2 032) (2 019)	6' 7 1/2"				
	6' 8"				
	FIXED-ACTIVE 5080	FIXED-ACTIVE 6080	FIXED-ACTIVE 6780	FIXED-ACTIVE 7280	FIXED-ACTIVE 7580

6' 7" Double Doors Active-Passive

	(1 289) (1 270)	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)	(1 924) (1 905)
Opening	4' 2 3/4"	5' 0"	5' 7"	6' 0"	6' 3 3/4"
Frame	4' 2"	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"	6' 3"
(2 032) (2 019)	6' 7 1/2"				
	6' 8"				
	ACTIVE-PASSIVE 5080	ACTIVE-PASSIVE 6080	ACTIVE-PASSIVE 6780	ACTIVE-PASSIVE 7280	ACTIVE-PASSIVE 7580



Pella® Reserve™ Traditional In-Swing Patio Door

Size Tables

6' 10" Single Doors and Sidelight

	(476) (457)	(664) (645)	(781) (762)	(870) (851)	(933) (914)	(981) (962)
Opening	1' 6 3/4"	2' 2 1/8"	2' 6 3/4"	2' 10 1/4"	3' 0 3/4"	3' 2 3/8"
Frame	1' 6"	2' 1 3/8"	2' 6"	2' 9 1/2"	3' 0"	3' 1 7/8"
(2 083) (2 070)	6' 10"					
	6' 9 1/2"					
	SIDELIGHT 1882	LEFT 2682	LEFT 3082	LEFT 3482	LEFT 3682	LEFT 3882

6' 10" Double-Swing Doors Fixed-Active

	(1 289) (1 270)	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)	(1 924) (1 905)
Opening	4' 2 3/4"	5' 0"	5' 7"	6' 0"	6' 3 3/4"
Frame	4' 2"	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"	6' 3"
(2 083) (2 070)	6' 10"				
	6' 9 1/2"				
	FIXED-ACTIVE 5082	FIXED-ACTIVE 6082	FIXED-ACTIVE 6782	FIXED-ACTIVE 7282	FIXED-ACTIVE 7582

6' 10" Double Doors Active-Passive

	(1 289) (1 270)	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)	(1 924) (1 905)
Opening	4' 2 3/4"	5' 0"	5' 7"	6' 0"	6' 3 3/4"
Frame	4' 2"	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"	6' 3"
(2 083) (2 070)	6' 10"				
	6' 9 1/2"				
	ACTIVE-PASSIVE 5082	ACTIVE-PASSIVE 6082	ACTIVE-PASSIVE 6782	ACTIVE-PASSIVE 7282	ACTIVE-PASSIVE 7582

Not to scale.
Traditional grille patterns shown. Refer to Clad/Wood Overview section for additional patterns and profiles.

For Wood Units Only:
To determine masonry dimensions when using Pella 1-7/8" brickmold, add 1-5/8" to frame width and 3-1/4" to frame height.

Not to scale.
Traditional grille patterns shown. Refer to Clad/Wood Overview section for additional patterns and profiles.
All doors and sidelights are glazed with tempered glass.
Left-hand single doors shown, right-hand and fixed also available.

For Wood Units Only:
To determine masonry dimensions when using Pella 1-7/8" brickmold, add 1-5/8" to frame height and 3-1/8" to frame width. When using Pella 3-1/2" brickmold, add 6-3/8" to frame width and 3-1/4" to frame height.



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Size Tables

7' 2" Single Doors and Sidelight

	(476) (457)	(664) (645)	(781) (762)	(870) (851)	(933) (914)	(981) (962)
Opening	1' 6 3/4"	2' 2 1/8"	2' 6 3/4"	2' 10 1/4"	3' 0 3/4"	3' 2 3/4"
Frame	1' 6"	2' 1 3/8"	2' 6"	2' 9 1/2"	3' 0"	3' 1 7/8"
	SIDELIGHT 1886	LEFT 2686	LEFT 3096	LEFT 3486	LEFT 3686	LEFT 3886

7' 2" Double-Swing Doors Fixed-Active

	(1 289) (1 270)	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)	(1 924) (1 905)
Opening	4' 2 3/4"	5' 0"	5' 7"	6' 0"	6' 3 3/4"
Frame	4' 2"	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"	6' 3"
	FIXED-ACTIVE 5086	FIXED-ACTIVE 6086	FIXED-ACTIVE 6786	FIXED-ACTIVE 7286	FIXED-ACTIVE 7586

7' 2" Double Doors Active-Passive

	(1 289) (1 270)	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)	(1 924) (1 905)
Opening	4' 2 3/4"	5' 0"	5' 7"	6' 0"	6' 3 3/4"
Frame	4' 2"	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"	6' 3"
	ACTIVE-PASSIVE 5086	ACTIVE-PASSIVE 6086	ACTIVE-PASSIVE 6786	ACTIVE-PASSIVE 7286	ACTIVE-PASSIVE 7586

Not to scale.

Traditional grille patterns shown. Refer to Clad/Wood Overview section for additional patterns and profiles.
All doors and sidelights are glazed with tempered glass.
Left-hand single doors shown, right-hand and fixed also available.

For Wood Units Only:

To determine masonry dimensions when using Pella 1-7/8" brickmould, add 1-5/8" to frame height and 3-1/8" to frame width. When using Pella 3-1/2" brickmould, add 6-3/8" to frame width and 3-1/4" to frame height.



Pella® Reserve™ Traditional In-Swing Patio Door

Size Tables

8' 0" Single Doors and Sidelight

	(476) (457)	(664) (645)	(781) (762)	(870) (851)	(933) (914)	(981) (962)
Opening	1' 6 3/4"	2' 2 1/8"	2' 6 3/4"	2' 10 1/4"	3' 0 3/4"	3' 2 3/4"
Frame	1' 6"	2' 1 3/8"	2' 6"	2' 9 1/2"	3' 0"	3' 1 7/8"
	SIDELIGHT 1896	LEFT 2696	LEFT 3096	LEFT 3496	LEFT 3696	LEFT 3896

8' 0" Double-Swing Doors Fixed-Active

	(1 289) (1 270)	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)	(1 924) (1 905)
Opening	4' 2 3/4"	5' 0"	5' 7"	6' 0"	6' 3 3/4"
Frame	4' 2"	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"	6' 3"
	FIXED-ACTIVE 5096	FIXED-ACTIVE 6096	FIXED-ACTIVE 6796	FIXED-ACTIVE 7296	FIXED-ACTIVE 7596

8' 0" Double Doors Active-Passive

	(1 289) (1 270)	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)	(1 924) (1 905)
Opening	4' 2 3/4"	5' 0"	5' 7"	6' 0"	6' 3 3/4"
Frame	4' 2"	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"	6' 3"
	ACTIVE-PASSIVE 5096	ACTIVE-PASSIVE 6096	ACTIVE-PASSIVE 6796	ACTIVE-PASSIVE 7296	ACTIVE-PASSIVE 7596

Not to scale.

Traditional grille patterns shown. Refer to Clad/Wood Overview section for additional patterns and profiles.
All doors and sidelights are glazed with tempered glass.
Left-hand single doors shown, right-hand and fixed also available.

For Wood Units Only:

To determine masonry dimensions when using Pella 1-7/8" brickmould, add 1-5/8" to frame height and 3-1/8" to frame width. When using Pella 3-1/2" brickmould, add 6-3/8" to frame width and 3-1/4" to frame height.



Docket No. 5-44-24 (17401 Edgewater)

Residential Roof Addition - Fort



Pella® Reserve™ Traditional In-Swing Patio Door

Size Tables

10' 0" Single Doors and Sidelight

	(664) (645)	(781) (762)	(870) (851)	(933) (914)	(981) (962)
Opening	2' 2 1/8"	2' 6 3/4"	2' 10 1/4"	3' 0 3/4"	3' 2 3/4"
Frame	2' 1 3/8"	2' 6"	2' 9 1/2"	3' 0"	3' 1 7/8"

Diagrams show five door configurations labeled LEFT 26120, LEFT 30120, LEFT 34120, LEFT 36120, and LEFT 38120. Each diagram includes a grid pattern and a small inset showing the door's operation.

10' 0" Double Doors Active-Passive

	(1 289) (1 270)	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)	(1 924) (1 905)
Opening	4' 2 3/4"	5' 0"	5' 7"	6' 0"	6' 3 3/4"
Frame	4' 2"	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"	6' 3"

Diagrams show five double door configurations labeled ACTIVE-PASSIVE 50120, ACTIVE-PASSIVE 60120, ACTIVE-PASSIVE 67120, ACTIVE-PASSIVE 72120, and ACTIVE-PASSIVE 75120. Each diagram includes a grid pattern and a small inset showing the door's operation.

Wide Stile Transoms for Single Doors

	(664) (645)	(781) (762)	(870) (851)	(933) (914)	(981) (962)
Opening	2' 2 1/8"	2' 6 3/4"	2' 10 1/4"	3' 0 3/4"	3' 2 3/4"
Frame	2' 1 3/8"	2' 6"	2' 9 1/2"	3' 0"	3' 1 7/8"

Grid patterns for transoms labeled 2614, 3014, 3414, 3614, 3814, 2617, 3017, 3417, 3617, 3817, 2625, 3025, 3425, 3625, 3825.

Wide Stile Transoms for Double-Swing Doors

	(1 289) (1 270)	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)
Opening	4' 2 3/4"	5' 0"	5' 7"	6' 0"
Frame	4' 2"	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"

Grid patterns for transoms labeled 5014, 6014, 6714, 7214, 5017, 6017, 6717, 7217, 5025, 6025, 6725, 7225.

Standard Stile Transoms for Single Doors

	(664) (645)	(781) (762)	(870) (851)	(933) (914)	(981) (962)
Opening	2' 2 1/8"	2' 6 3/4"	2' 10 1/4"	3' 0 3/4"	3' 2 3/4"
Frame	2' 1 3/8"	2' 6"	2' 9 1/2"	3' 0"	3' 1 7/8"

Grid patterns for transoms labeled 2614, 3014, 3414, 3614, 3814, 2617, 3017, 3417, 3617, 3817, 2625, 3025, 3425, 3625, 3825.

Standard Stile Transoms for Double Doors

	(1 289) (1 270)	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)
Opening	4' 2 3/4"	5' 0"	5' 7"	6' 0"
Frame	4' 2"	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"

Grid patterns for transoms labeled 5014, 6014, 6714, 7214, 5017, 6017, 6717, 7217, 5025, 6025, 6725, 7225.

Fixed Frame Direct Sets for Single Doors GBG Only

	(664) (645)	(781) (762)	(870) (851)	(933) (914)	(981) (962)
Opening	2' 2 1/8"	2' 6 3/4"	2' 10 1/4"	3' 0 3/4"	3' 2 3/4"
Frame	2' 1 3/8"	2' 6"	2' 9 1/2"	3' 0"	3' 1 7/8"

Grid patterns for direct sets labeled 2614, 3014, 3414, 3614, 3814, 2617, 3017, 3417, 3617, 3817, 2625, 3025, 3425, 3625, 3825.

Fixed Frame Direct Sets for Double Doors GBG Only

	(1 289) (1 270)	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)
Opening	4' 2 3/4"	5' 0"	5' 7"	6' 0"
Frame	4' 2"	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"

Grid patterns for direct sets labeled 5014, 6014, 6714, 7214, 5017, 6017, 6717, 7217, 5025, 6025, 6725, 7225.

Not to scale.
Traditional grille patterns shown. Refer to Clad/Wood Overview section for additional patterns and profiles.
All doors and sidelights are glazed with tempered glass.
Left-hand single doors shown, right-hand and fixed also available.

For Wood Units Only:
To determine masonry dimensions when using Pella 1-7/8" brickmould, add 1-5/8" to frame height and 3-1/8" to frame width. When using Pella 3-1/2" brickmould, add 6-3/8" to frame width and 3-1/4" to frame height.

Not to scale.
Tempered glass is standard.

For Wood Units Only:
To determine masonry dimensions when using Pella 1-7/8" brickmould, add 1-5/8" to frame height and 3-1/8" to frame width. When using Pella 3-1/2" brickmould, add 6-3/8" to frame width and 3-1/4" to frame height.



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Special Size Frame Dimensions

Door Type	Standard Doors				Products with Impact-Resistant Glass			
	Frame Width		Frame Height		Frame Width		Frame Height	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
Transoms	25-3/8" (645)	75" (1 905)	14" (356)	25" (635)	25-3/8" (645)	75" (1 905)	14" (356)	25" (635)
Sidelight (Fixed)	18" (457)	65" (1 651)	36" (914)	119-1/2" (3 035)	12" (305)	42" (1 067)	48" (1 219)	96" (2 438)
Single Doors	18" (457)	48" (1 219)	36" (914)	119-1/2" (3 035)	24" (610)	37-7/8" (962)	76-3/8" (1 940)	119-1/2" (3 035)
Double Doors (AP-PA)	36" (914)	96" (2 438)	36" (914)	119-1/2" (3 035)	48" (1 219)	75" (1 905)	73-3/8" (1 864)	119-1/2" (3 035)
Double Doors (AF-FA)	50" (1 270)	75" (1 905)	79-1/2" (2 019)	119-1/2" (3 035)	48" (1 219)	75" (1 905)	73-3/8" (1 864)	119-1/2" (3 035)

Hinged Door Screen Availability

Door Type	Frame Width		Frame Height	
	Minimum	Maximum	Minimum	Maximum
Single Door	24" (610)	42" (1 067)	71-1/4" (1 810)	98-1/8" (2 492)
Double Door	48" (1 219)	84" (2 134)	71-1/4" (1 810)	98-1/8" (2 492)

Miscellaneous Formulas

	Visible Glass		Actual Glass	
	Width	Height	Width	Height
Transoms — Fixed Frame Direct Set	FW - 3-1/4"	FH - 3-1/4"	FW - 2"	FH - 2"
Transoms — Fixed Casement	FW - 5-3/4"	FH - 5-3/4"	FW - 4-3/8"	FH - 4-3/8"
Transoms — Wide Stile Casement	FW - 11-5/8"		FW - 10-1/4"	
Sidelights	FW - 6-5/8"		FW - 5-5/8"	
Single Doors	FW - 11-5/8"	FH - 15-3/4"	FW - 10-5/8"	FH - 4-3/8"
Double Doors	FW - 11-5/8"		(FW + 2) - 10-1/4"	

	Clad and Wood	Width	Height
	Clear Opening (@ 90°)	Single Door	FW - 5-5/16"
Double Doors (Active/Single Panel)		(FW + 2) - 5"	
Double Doors (Both Panels)		FW - 7-1/2"	
Clear Opening (@ 172°)	Single Door	FW - 3-3/16"	FH - 3-1/16"
	Double Doors (Active/Single Panel)	(FW + 2) - 2-13/16"	
	Double Doors (Both Panels)	FW - 3"	

FW = Frame Width, FH = Frame Height
 (1) Available within size range shown.
 (2) Rectangular Units Only

Keep frame dimensions to the nearest 1/8" increment.
 To convert areas to square meters (m²), multiply square feet by 0.0929

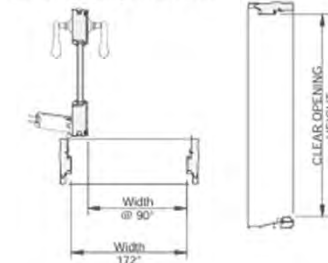


Pella® Reserve™ Traditional In-Swing Patio Door

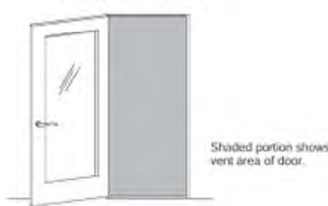
Design Data

In-Swing French Design Data												
Unit	Single and Double Doors	Clear Opening (Inches)				Vent Area (Standard Sill)	Vent Area (ADA Sill)	Visible Glass Ft ²	Standard Glass Thickness (mm) Tempered		Performance Class & Grade	
		Width (Inches) (172°)	Width (Inches) (90°)	Standard Sill Unit Height	ADA Sill Unit Height				Dual-Pane Glazing	Triple-Pane Glazing		
2680	F	—	—	—	—	—	—	6.1	3	3	LC55	
3080	F	—	—	—	—	—	—	8.1	3	3	LC55	
3480	F	—	—	—	—	—	—	9.7	3	3	LC55	
3680	F	—	—	—	—	—	—	10.8	3	3	LC55	
3880	F	—	—	—	—	—	—	11.6	3	3	LC55	
2680	L/R	22-5/16	20-1/16	76-7/16	77-1/2	11.8	12.0	6.1	3	3	LC55	
3080	L/R	26-15/16	24-11/16	76-7/16	77-1/2	14.3	14.5	8.1	3	3	LC55	
3480	L/R	30-7/16	28-3/16	76-7/16	77-1/2	16.2	16.4	9.7	3	3	LC55	
3680	L/R	32-15/16	30-11/16	76-7/16	77-1/2	17.5	17.7	10.8	3	3	LC55	
3880	L/R	34-13/16	32-9/16	76-7/16	77-1/2	18.5	18.7	11.6	3	3	LC55	
5080	FA/AF	22-5/16	20-1/16	76-7/16	77-1/2	11.8	12.0	12.2	3	3	LC55	
6080	FA/AF	26-15/16	24-11/16	76-7/16	77-1/2	14.3	14.5	16.3	3	3	LC55	
6780	FA/AF	30-7/16	28-3/16	76-7/16	77-1/2	16.2	16.4	19.4	3	3	LC55	
7280	FA/AF	32-15/16	30-11/16	76-7/16	77-1/2	17.5	17.7	21.6	3	3	LC55	
7580	FA/AF	34-13/16	32-9/16	76-7/16	77-1/2	18.5	18.7	23.2	3	3	LC55	
5080	PA/AP	47/ 22-1/4	42-1/2/ 20	76-7/16	77-1/2	25.0	25.3	12.2	3	3	LC55	
6080	PA/AP	56-1/4/ 26-7/8	51-3/4 / 24-5/8	76-7/16	77-1/2	29.9	30.3	16.3	3	3	LC55	
6780	PA/AP	63-1/4/ 30-7/8	58-3/4/ 28-5/8	76-7/16	77-1/2	33.6	34.0	19.4	3	3	LC55	
7280	PA/AP	68-1/4/ 32-7/8	63-3/4 / 30-5/8	76-7/16	77-1/2	36.2	36.7	21.6	3	3	LC55	
7580	PA/AP	72 / 34-3/4	67-1/2 / 32-1/2	76-7/16	77-1/2	38.2	38.8	23.2	3	3	LC55	

Clear Opening Schematic



CLEAR OPENING WIDTH



Shaded portion shows vent area of door.

(-) = Not Applicable
 (1) All dimensions are approximate to the nearest 1/16". The second value, where shown, provides the clear opening for the active panel only.
 (2) Maximum performance when glazed with the appropriate glass thickness. All doors and sidelights are Tempered glass.
 To convert areas to square meters (m²), multiply square feet by 0.0929.



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Residential Roof Addition - Fort



Pella® Reserve™ Traditional In-Swing Patio Door

Design Data

Table with columns: Unit, Clear Opening (Inches), Standard Glass Thickness (mm), Performance Class & Grade. Rows include 6'-10" DOORS, 7'-2" DOORS, and Sidelights.

(-) = Not Applicable
(1) AF dimensions are approximate to the nearest 1/16". The second value, where shown, provides the clear opening for the active panel only.
(2) Maximum performance when glazed with the appropriate glass thickness. All doors and sidelights are Tempered glass.
To convert areas to square meters (m²), multiply square feet by 0.0929.



Pella® Reserve™ Traditional In-Swing Patio Door

Design Data

Table with columns: Unit, Clear Opening (Inches), Standard Glass Thickness (mm), Performance Class & Grade. Rows include 8'-0" DOORS and 10'-0" DOORS.

Sidelights

Table with columns: Unit, Visible Glass Ft², Standard Glass Thickness (mm), Performance Class & Grade. Rows include 1880, 1881, 1882.

(-) = Not Applicable
(1) All dimensions are approximate to the nearest 1/16". The second value, where shown, provides the clear opening for the active panel only.
(2) Maximum performance when glazed with the appropriate glass thickness. All doors and sidelights are Tempered glass.



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Design Data

Transoms						
Unit	Visible Glass Ft ²	Standard Glass Thickness (mm)				Performance Class & Grade ²
		Dual-Pane Glazing		Triple-Pane Glazing		
		Annealed	Tempered	Annealed or Tempered		
2614	1.7	3	3	3	CW50	
2617	2.1	3	3	3	CW50	
2625	2.3	3	3	3	CW50	
3014	2.0	3	3	3	CW50	
3017	2.6	3	3	3	CW50	
3025	4.0	3	3	3	CW50	
3414	2.3	3	3	3	CW50	
3417	2.9	3	3	3	CW50	
3425	4.6	3	3	3	CW50	
3614	2.4	3	3	3	R151	
3617	3.1	3	3	3	CW50	
3625	4.9	3	3	3	CW50	
3814	2.6	3	3	3	CW50	
3817	3.3	3	3	3	CW50	
3825	5.2	3	3	3	CW50	
5014	3.5	3	3	3	CW50	
5017	4.5	3	3	3	CW50	
5025	7.1	3	3	3	CW50	
6014	4.2	3	3	3	CW50	
6017	5.3	3	3	3	CW50	
6025	8.5	3	3	3	CW50	
6714	4.7	3	3	3	CW40	
6717	6.0	3	3	3	CW40	
6725	9.5	3	3	3	CW40	
7214T	5.1	—	3	3	CW40	
7217	6.5	3	3	3	CW40	
7225	10.3	3	3	3	CW40	
7514T	5.4	—	3	3	CW40	
7517T	6.8	—	3	3	CW40	
7525	10.8	3	3	3	CW40	
2614	1.1	2.5	3	3	CW50	
2617	1.5	2.5	3	3	CW50	
2625	2.6	2.5	3	3	CW50	
3014	1.4	2.5	3	3	CW50	
3017	1.9	2.5	3	3	CW50	
3025	3.2	2.5	3	3	CW50	
3414	1.6	2.5	3	3	CW50	
3417	2.2	2.5	3	3	CW50	
3425	3.7	2.5	3	3	CW50	
3614	1.7	2.5	3	3	CW50	
3617	2.4	2.5	3	3	CW50	
3625	4.0	2.5	3	3	CW50	
3814	1.8	2.5	3	3	CW50	
3817	2.5	2.5	3	3	CW50	
3825	4.3	2.5	3	3	CW50	
5014	2.5	2.5	3	3	CW50	
5017	3.5	2.5	3	3	CW50	
5025	5.9	2.5	3	3	CW50	
6014T	3.1	—	3	3	CW50	
6017	4.2	2.5	3	3	CW50	
6025	7.2	2.5	3	3	CW45/CW50	
6714T	3.5	—	3	3	R151	
6717	4.7	2.5	3	3	R151	
6725	8.1	2.5	3	3	R151	
7214T	3.8	—	3	3	R151	
7217T	5.1	—	3	3	R151	
7225	8.8	2.5	3	3	R151	
7514T	4.0	—	3	3	R151	
7517T	5.4	—	3	3	R151	
7525	9.3	2.5	3	3	R151	

Transoms						
Unit	Visible Glass Ft ²	Standard Glass Thickness (mm)				Performance Class & Grade ²
		Dual-Pane Glazing		Triple-Pane Glazing		
		Annealed	Tempered	Annealed or Tempered		
2614	0.8	2.5	3	3	R151	
2617	1.1	2.5	3	3	R151	
2625	1.8	2.5	3	3	R151	
3014	1.1	2.5	3	3	R151	
3017	1.4	2.5	3	3	R151	
3025	2.5	2.5	3	3	R151	
3414	1.3	2.5	3	3	R151	
3417	1.7	2.5	3	3	R151	
3425	2.9	2.5	3	3	R151	
3614	1.4	2.5	3	3	R151	
3617	1.9	2.5	3	3	R151	
3625	3.3	2.5	3	3	R151	
3814	1.5	2.5	3	3	R151	
3817	2.1	2.5	3	3	R151	
3825	3.5	2.5	3	3	R151	
5014	2.2	2.5	3	3	R151	
5017	3.0	2.5	3	3	R151	
5025	5.1	2.5	3	3	R151	
6014T	2.7	—	3	3	R151	
6017	3.7	2.5	3	3	R151	
6025	6.4	2.5	3	3	R151	
6714T	3.1	—	3	3	R151	
6717T	4.3	—	3	3	R151	
6725	7.3	2.5	3	3	R151	
7214T	3.4	—	3	3	R151	
7217T	4.7	—	3	3	R151	
7225	8.0	2.5	3	3	R151	
7514T	3.6	—	3	3	R151	
7517T	5.0	—	3	3	R151	
7525	8.5	2.5	3	3	R151	

(-) = Not Applicable
 T = Tempered required due to aspect ratio.
 (1) Units are not AAMA/WDMA performance certified. Units are engineered to meet the performance class and grade shown.
 (2) Maximum performance when glazed with the appropriate glass thickness.



Pella® Reserve™ Traditional In-Swing Patio Door

Detailed Product Descriptions - Aluminum-Clad Exterior

Frame

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA LS-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are [clear pine] [mahogany] [douglas fir], edge-banded and veneered. Any curved member may have visible finger-jointed surfaces.
- Exterior surfaces are clad with aluminum at the head and jams.
- Components are assembled with screws, staples and concealed corner locks.
- Frame depth between 5-7/8" (149mm) to 8-5/8" (219mm), for wall depth between 4-9/16" (116mm) to 7-5/16" (186mm).
- Optional factory-applied EnduraClad® exterior trim.
- Solid extruded aluminum sill with [Mill/Nickel] [Bronze] [Black] [Anodized to match anodized cladding] finish. [Mahogany threshold for mahogany door] [[Oak] [composite black] threshold for [pine] [douglas fir] door].
- Sill is 1/2" low profile. Material and finish are extruded aluminum with [mill] [Bronze] [Anodized to match anodized cladding] finish.

Door panels

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA LS-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are veneered with [clear pine] [mahogany] [douglas fir]. Any curved member may have visible finger-jointed surfaces.
- Exterior surfaces are clad with extruded aluminum.
- Panel hinge stiles and rails are three-ply construction, randomly finger-jointed blocks laminated with water-resistant glue and veneered on both sides.
- Panel lock stiles are constructed with LVL core with finger-jointed edge bands on both sides and veneered on both faces.
- Corners are urethane-silicone hybrid-sealed and secured with metal fasteners.
- Panel thickness is 2-1/16" (52mm).
- Panel exterior profile is [ogee] [putty glaze], interior profile is ogee.

Weatherstripping

- Dual-diameter extruded polymer along perimeter of door frame. On bottom panels, dual-diameter extruded polymer interior air seal and rigid polymer exterior facing bristle-strip.

Glazing System

- Quality fully-tempered float glass complying with ASTM C 1048.
- Custom and high altitude glazing available.
- Silicone-glazed, 13/16" double-pane, dual-seal, insulating glass
 - [Clear] [Obscure] [Reflective Bronze] with air
 - [Obscure Low-E] [with argon]] [[Advanced] [AdvancedComfort] [SunDefense™] [SunDefense+] [NaturalSun] [NaturalSun+] Low-E [with argon]]
 - [Bronze] [Gray] [Green] Advanced Low-E [with argon].
- Silicone-glazed, 13/16" double-pane, dual-seal, laminated, insulating glass
 - Clear with air.
 - [Advanced] [SunDefense™] Low-E with argon.
 - [Bronze] [Gray] [Green] Advanced Low-E with argon.
 - or —
- Silicone-glazed, 1" triple-pane, dual-seal, insulating glass
 - [Obscure Low-E] [with argon]] [[Advanced] [SunDefense™] [NaturalSun] Low-E [with argon]]
 - or —
- Silicone-glazed, 7/8" double-pane, dual-seal, impact-resistant, laminated, insulating glass
 - Clear with air.
 - [Bronze] [Gray] [Green] with air.
 - [Advanced Low-E] [SunDefense™] Low-E with argon.

Exterior

- Aluminum-clad exteriors shall be finished with EnduraClad® protective finish, in a multi-step, baked-on finish.
 - Color is [Standard] [feature] [custom];
 - or —
- Aluminum-clad exteriors shall be finished with EnduraClad Plus protective finish with 70% fluoropolymer resin in a multi-step, baked-on finish.
 - Color is [Standard] [feature] [custom].

Interior

- [Unfinished, ready for site finishing] [factory primed with one coat acrylic latex] [factory prefinished [paint] [stain];]

(1) Contact your local Pella sales representative for current color options.
 (2) Available in clear or 1 mil-E insulating glass with argon, and Advanced Insulated Glass.

Hardware

Hinges

- Hinges are adjustable to help with installation.
- Doors under 7' 0" frame height will have three (3) hinges per panel.
- Doors over 7' 0" frame height up to and including 8' 0" frame height will have four (4) hinges per panel.
- Doors over 8' 3" frame height up to and including 9' 0" frame height will have five (5) hinges per panel.
- Doors over 9' 0" frame height will have six (6) hinges per panel.

Locks

- Mortised and keyed multi-point locking system, center deadbolt and shoot-bolts at head and sill will engage simultaneously.
- Doors 8' 0" frame height and below will have one (1) strike at the head, one (1) strike at the sill and one (1) center deadbolt.
- Doors over 8' 0" frame height up to and including 10' 0" frame height will have one (1) strike at the head, one (1) strike at the sill and three (3) locking points at the stile.
- Solid brass handles and keylock with K-keyway cylinder.
- Key cylinder finish is [Brass] [Stainless Steel] [Matte Black].

Finish

- Hardware finish is [Handle, Hinges and Strike] [baked enamel [White] [Champagne] [Brown] [Matte Black]] [PVD High Performance finish [Satin Brass] [Satin Nickel]] [Oil-Rubbed Bronze] [Distressed Bronze] [Distressed Nickel] [Polished Nickel] [Polished Chrome].

Optional Products

Grilles

- Integral Light Technology® grilles
 - Interior grilles are [5/8"] [7/8"] [1-1/4"] [2"] ogee profile that are solid [Pine] [Mahogany] [Douglas Fir]. Interior surfaces are [unfinished, ready for site finishing] [factory primed] [pine, factory prefinished [paint] [stain]].
 - Exterior grilles are [5/8" putty glaze profile] [7/8" putty glaze] [ogee profile] [1-1/4" putty glaze] [ogee profile] [2" ogee profile] that are extruded aluminum, finished to match door cladding.
 - Patterns are [Traditional] [Prairie] [Top Row] [Cross] [New England] [Victorian].
- Insulating glass contains non-glare spacer between the panes of glass.
- Grilles are adhered to both sides of the insulating glass with VHB acrylic adhesive tape and aligned with the non-glare spacer.
- or —

Grilles-Between-the-Glass

- Insulating glass contains 3/4" contoured aluminum grilles permanently installed between two panes of glass (exterior air-space on triple-pane insulating glass).
- Patterns are [Traditional] [Prairie] [Cross] [Top Row].
- Interior color is [White] [Tan] [Brown s] [Black] [Ivory] [Harvest] [Cordova] [Brickstone].
- Exterior color is [Standard].

Screens

- Finish matches exterior cladding.
- Hinged Insect Screens.
 - Compliance: ASTM D 3656 and SMA 1201.
 - Screen Cloth: InView™ Vinyl-coated fiberglass, 18/18 mesh fiberglass screen cloth complying with the performance requirements of SMA 1201.
 - Extruded-aluminum frame, hinged to door frame.
 - Complete with necessary hardware.
 - Hardware Color: [White] [Tan] [Brown] [Matte Black].
 - or —

Exterior Sliding Insect Screens:

- Compliance: ASTM D 3656 and SMA 1201.
- Screen Cloth: InView™ Vinyl-coated fiberglass, 18/18 mesh fiberglass screen cloth complying with the performance requirements of SMA 1201.
- Extruded-aluminum frame, top hung on 2 adjustable nylon rollers.
- Complete with necessary hardware.
- Hardware Color: [White] [Tan] [Brown] [Matte Black].

Sensors

- Optional factory installed integrated security sensors available in vent units.



Docket No. 5-44-24 (17401 Edgewater) Residential Roof Addition - Fort



Pella® Reserve™ Traditional In-Swing Patio Door

Detailed Product Descriptions - Wood Exterior

Frame

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior surfaces are [clear pine] [factory primed] [ready to stain]] [mahogany: factory primed] [ready to stain]] edge-banded and veneered.
- Exterior surfaces are [pine: factory primed] [mahogany: factory primed] [ready to stain]].
- Any exterior or curved member may have visible finger-jointed surfaces.
- Frame depth between 5-7/8" (149 mm) to 8-9/16" (217 mm), for a wall depth between 4-9/16" (116 mm) to 7.25" (184 mm).
- Solid extruded aluminum sill with [Mill] [Nickel] [Bronze] [Black] [anodized Clear] [Light Bronze] [Dark Bronze] [Black] [Custom...] finish. [Mahogany threshold for mahogany door] [oak] [composite black] threshold for [pine] [douglas fir] door.
- or -
- Sill is 1/2" low profile. Material and finish are extruded aluminum with [mill] [Bronze] [anodized Clear] [Light Bronze] [Dark Bronze] [Black] [Custom...] finish.

Door panels

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are veneered with [clear pine] [mahogany]. Any curved member may have visible finger-jointed surfaces.
- Exterior surfaces are [wood composite: factory primed] [mahogany: factory primed] [ready to stain]].
- Panel stiles and rails are five-ply construction, randomly finger-jointed blocks laminated with water-resistant glue and veneered on both sides.
- Corners are urethane-silicone hybrid-sealed and secured with metal fasteners.
- Panel thickness is 2-1/16" (52mm).

Weatherstripping

- Dual-diameter extruded polymer along perimeter of door frame. On bottom panels, dual-diameter extruded polymer interior air seal and rigid polymer exterior facing bristle-strip.

Glazing System

- Quality fully-tempered float glass complying with ASTM C 1048.
- Custom and high altitude glazing available.
- Silicone-glazed, 13/16" double-pane, dual-seal, insulating glass
 - [Clear] [Obscure] [Reflective Bronze] with air.
 - [Obscure Low-E] [with argon] [Advanced] [AdvancedComfort] [SunDefense™] [SunDefense+] [NaturalSun] [NaturalSun+] Low-E [with argon]].
 - [Bronze] [Gray] [Green] Advanced Low-E [with argon].
- or -
- Silicone-glazed, 13/16" double-pane, dual-seal, laminated, insulating glass
 - Clear with air.
 - [Advanced] [SunDefense™] Low-E with argon.
 - [Bronze] [Gray] [Green] Advanced Low-E with argon.
- or -
- Silicone-glazed, 1" triple-pane, dual-seal, insulating glass
 - [Obscure Low-E] [with argon] [air]] [Advanced] [SunDefense™] [NaturalSun] Low-E [with argon].

Exterior

- [Wood composite: factory primed with one coat acrylic latex] [mahogany: factory primed with one coat acrylic latex] [Unfinished, ready for site finishing]].

Interior

- [Unfinished, ready for site finishing] [factory primed with one coat acrylic latex] [factory prefinished [paint]] [stain]]].

Hardware

Hinges

- Hinges are adjustable to help with installation.
- Doors 6' 10" to 7' 0" frame height will have three (3) hinges per panel.
- Doors over 7' 0" frame height up to and including 8' 0" frame height will have four (4) hinges per panel.
- Doors over 8' 3" frame height up to and including 9' 0" frame height will have five (5) hinges per panel.
- Doors over 9' 0" frame height will have six (6) hinges per panel.

Locks

- Mortised and keyed multi-point locking system, center deadbolt and shoot-bolts at head and sill will engage simultaneously.
- Doors 8' 0" frame height and below will have one (1) strike at the head, one (1) strike at the sill and one (1) center deadbolt.
- Doors over 8' 0" frame height up to and including 10' 0" frame height will have one (1) strike at the head, one (1) strike at the sill and three (3) locking points at the stile.
- Solid brass handles and keylock with K-keyway cylinder.
- Key cylinder finish is [Brass] [Stainless Steel] [Matte Black].

Finish

- Hardware finish is [Handle, Hinges and Strike] [baked enamel] [White] [Champagne] [Brown] [Matte Black]] [PVD High Performance finish] [Satin Brass] [Satin Nickel]] [Oil-Rubbed Bronze] [Distressed Bronze] [Distressed Nickel] [Polished Nickel] [Polished Chrome].

Optional Products

Grilles

- Integral Light Technology® grilles
 - Interior grilles are [5/8"] [7/8"] [1-1/4"] ogee profile that are solid [pine] [mahogany]. Interior surfaces are [unfinished, ready for site finishing] [factory primed] [pine: factory prefinished [paint]] [stain]].
 - Exterior grilles are [5/8"] [7/8"] [1-1/4"] putty glaze profile that are solid [pine] [mahogany]. Exterior surfaces are water repellent, preservative-treated in accordance with WDMA I.S.-4, and are factory primed.
 - Patterns are [Traditional] [Prairie] [Top Row] [Cross] [New England] [Victorian].
 - Insulating glass contains non-glare spacer between the panes of glass.
 - Grilles are adhered to both sides of the insulating glass with VHB acrylic adhesive tape and aligned with spacer.
- or -
- Grilles-Between-the-Glass
 - Insulating glass contains 3/4" contoured aluminum grilles permanently installed between two panes of glass (exterior air-space on triple-pane insulating glass).
 - Patterns are [Traditional] [Prairie] [Cross] [Top Row].
 - Interior color is [White] [Tan.] [Brown.] [Putty.] [Black] [Ivory] [Harvest] [Cordova] [Brickstone].
 - Exterior color is [Standard].

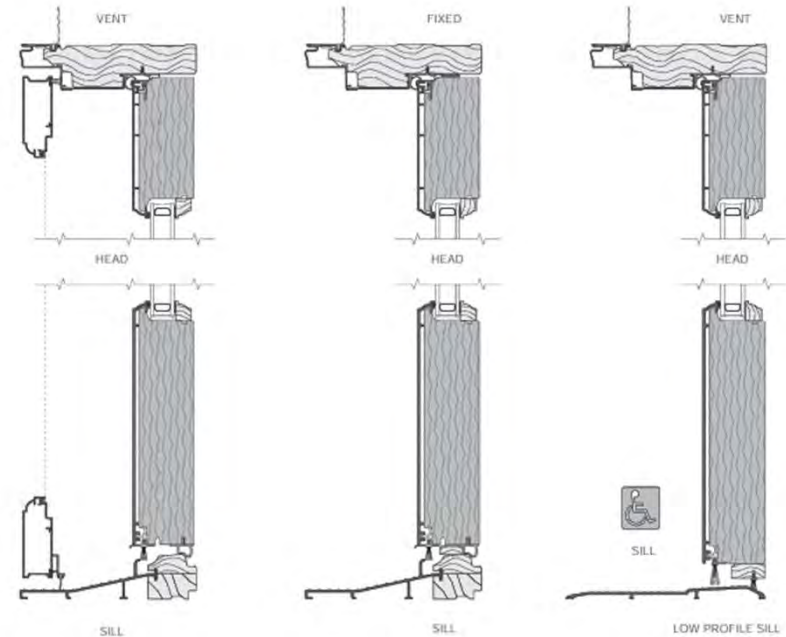
Sensors

- Optional factory installed integrated security sensors available in vent units.



Pella® Reserve™ Traditional In-Swing Patio Door

Unit Sections – Aluminum-Clad Exterior - Wood Collection



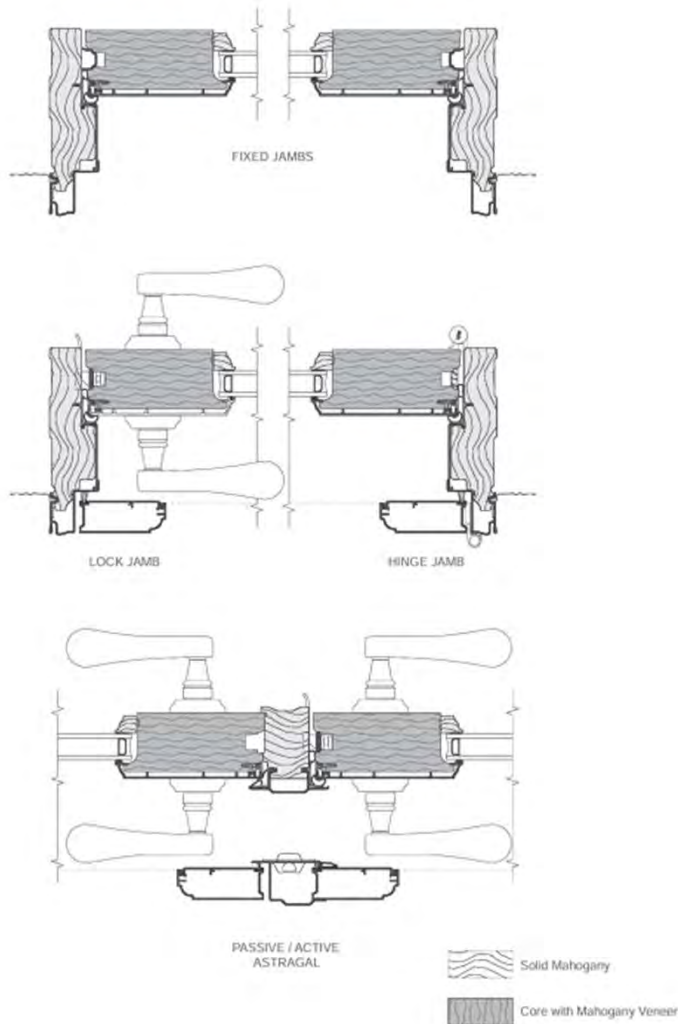
(1) Available in clear or Low-E insulating glass with argon, and obscure insulated glass.
 (2) Tan, Brown and Putty interior GBO colors are available in single tone (Brown/Brown, Tan/Tan or Putty/Putty). Other interior colors are also available with Tan or Brown exterior.
 (3) Contact your local Pella sales representative for current color options.
 (4) Appearance of exterior grille color will vary depending on Low-E coating on glass.



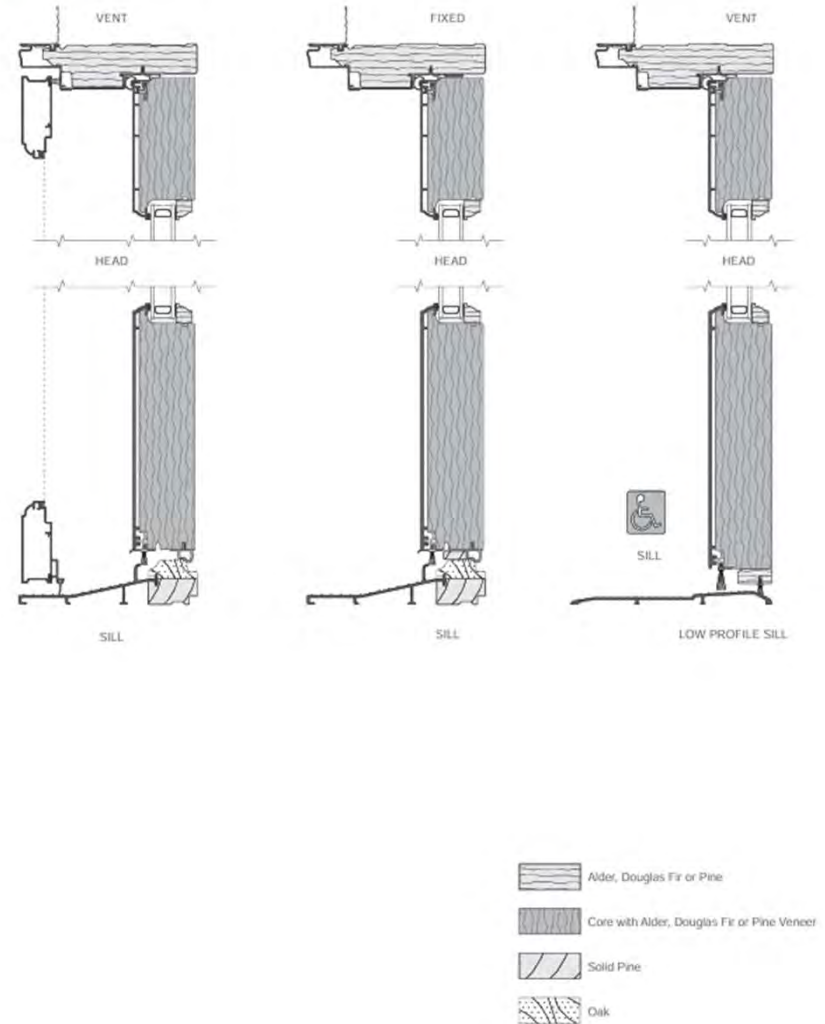
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 Residential Roof Addition - Fort



Pella® Reserve™ Traditional In-Swing Patio Door
 Unit Sections – Aluminum-Clad Exterior - Wood Collection



Pella® Reserve™ Traditional In-Swing Patio Door
 Unit Sections – Aluminum-Clad Exterior - Wood Collection

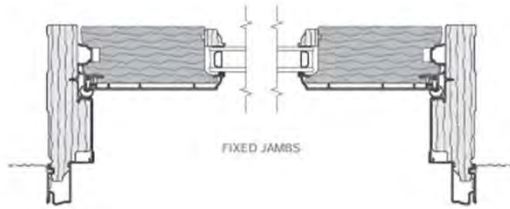


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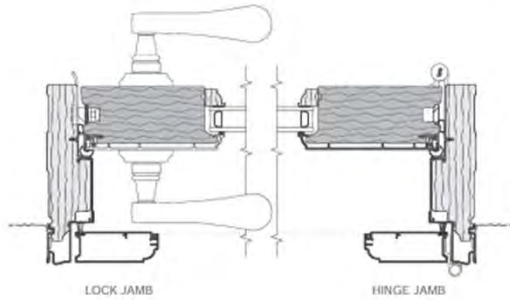


Pella® Reserve™ Traditional In-Swing Patio Door

Unit Sections – Aluminum-Clad Exterior - Wood Collection

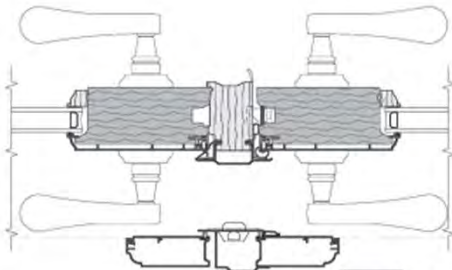


FIXED JAMBS



LOCK JAMB

HINGE JAMB



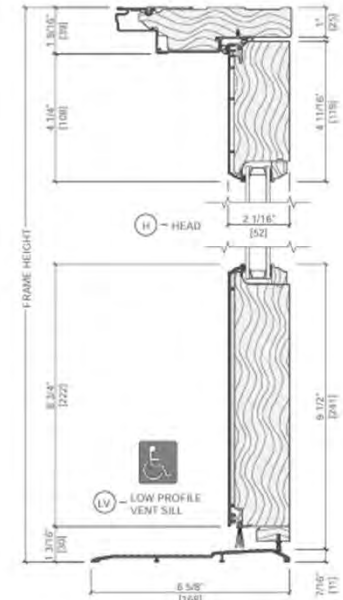
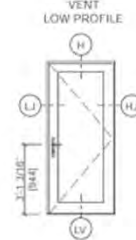
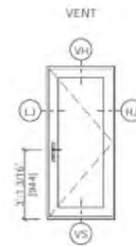
PASSIVE / ACTIVE
ASTRAGAL

-  Alder, Douglas Fir or Pine
-  Core with Alder, Douglas Fir or Pine Veneer
-  Solid Pine
-  Oak

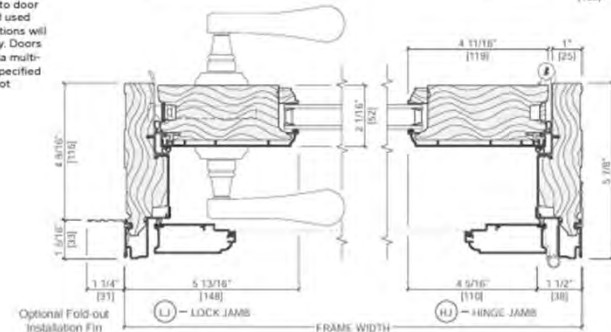


Pella® Reserve™ Traditional In-Swing Patio Door

Unit Sections – Aluminum-Clad Exterior, Ogee Exterior Profile



Handle Height Dimension shown is from bottom of unit frame to door handle. Installation method used and finished flooring conditions will cause handle height to vary. Doors not using the standard Pella multi-point lock and hardware (specified as 'No lock/No Bore') are not Hallmark certified.

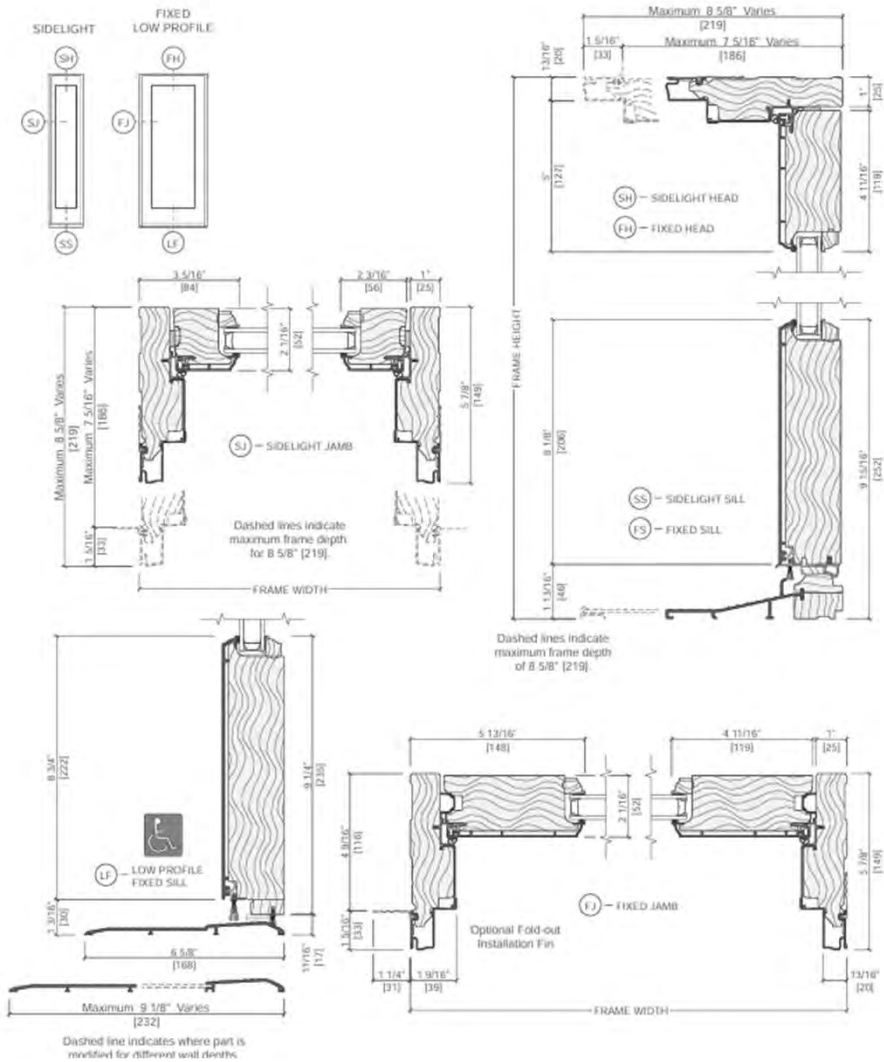


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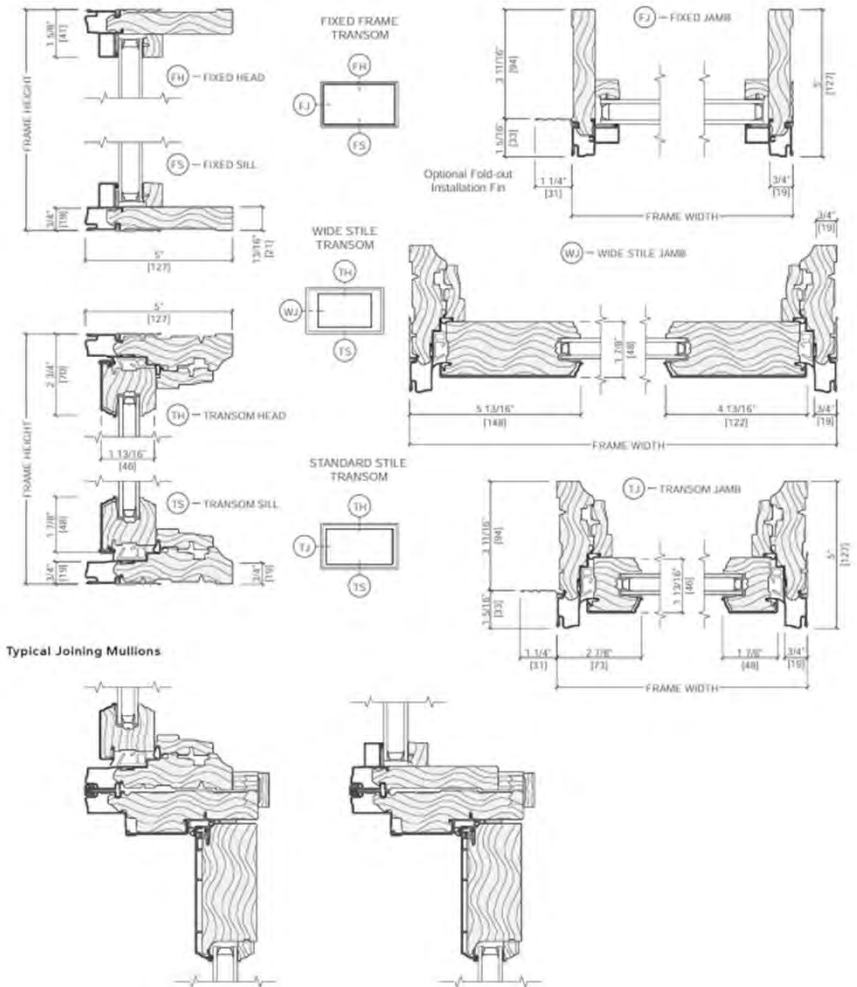
Pella® Reserve® Traditional In-Swing Patio Door

Unit Sections – Aluminum-Clad Exterior, Ogee Exterior Profile



Pella® Reserve® Traditional In-Swing Patio Door

Unit Sections – Aluminum-Clad Exterior, Ogee Exterior Profile



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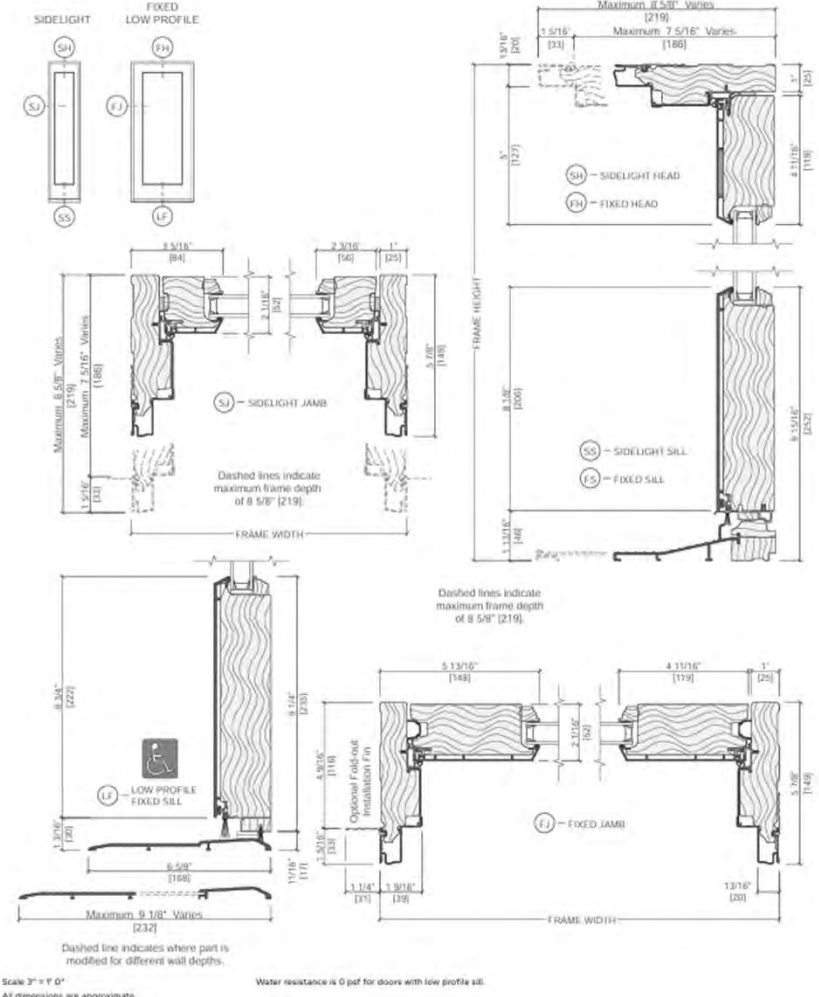
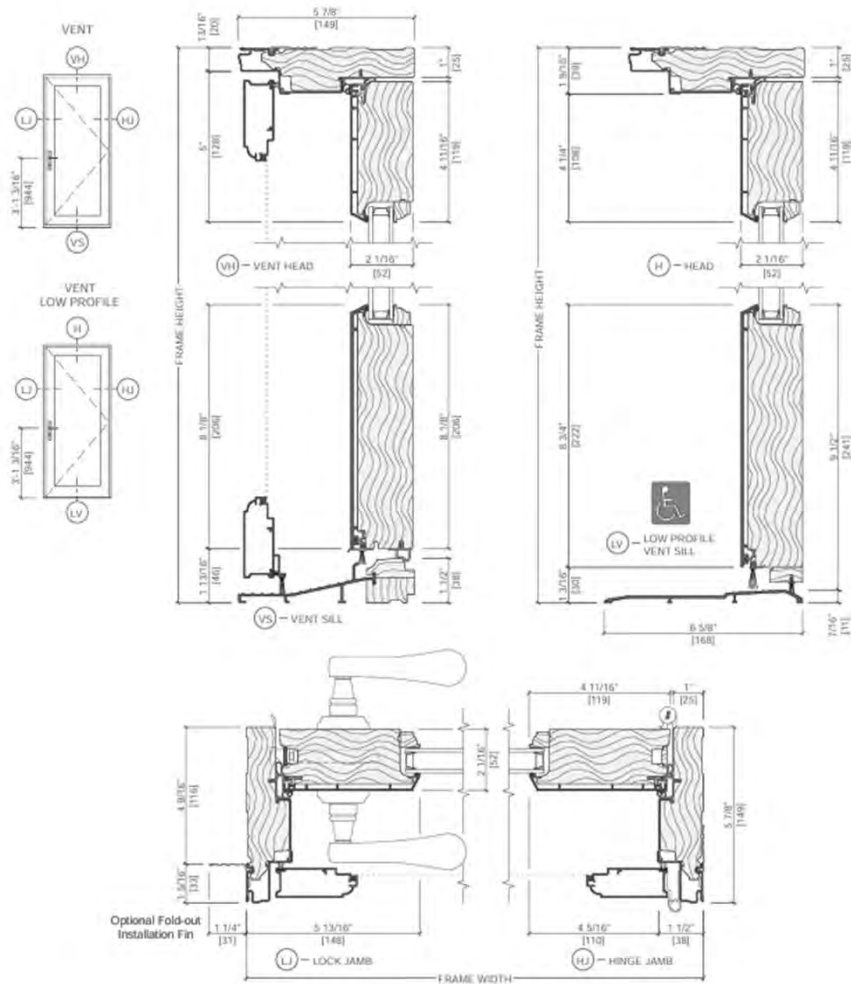


Pella® Reserve™ Traditional In-Swing Patio Door

Unit Sections – Aluminum-Clad Exterior, Putty Glaze Exterior Profile



Unit Sections – Aluminum-Clad Exterior, Putty Glaze Exterior Profile

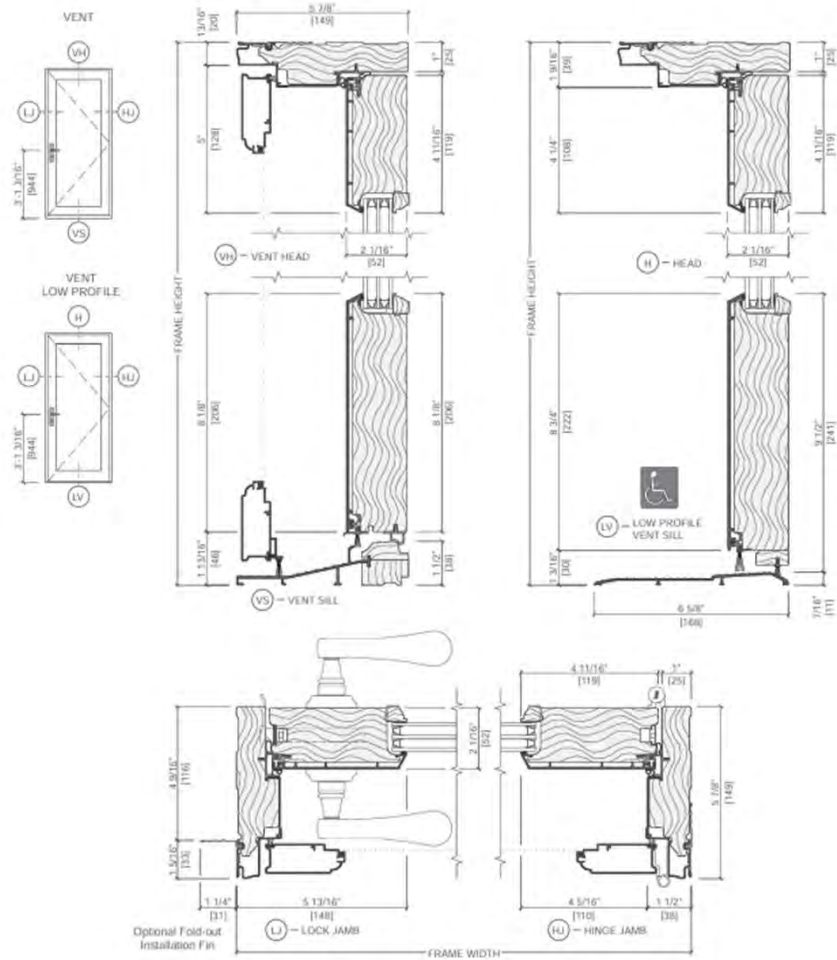


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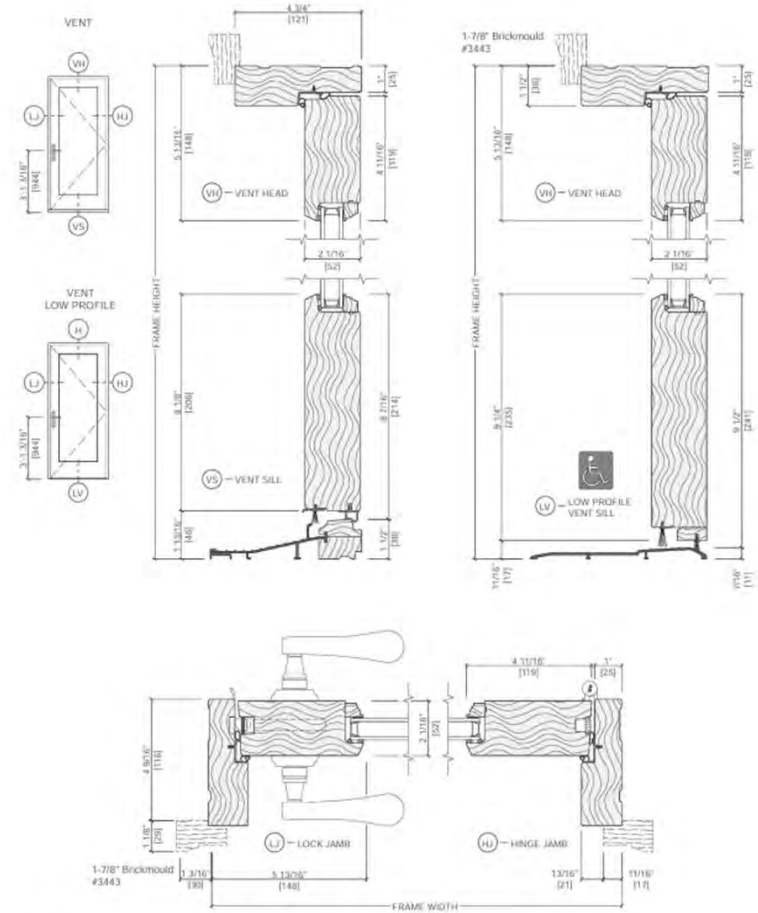


Pella® Reserve® Traditional In-Swing Patio Door

Unit Sections – Aluminum-Clad Exterior, Putty Glaze Exterior Profile, Triple-Pane



Unit Sections – Wood Exterior, Putty Glaze Exterior Profile



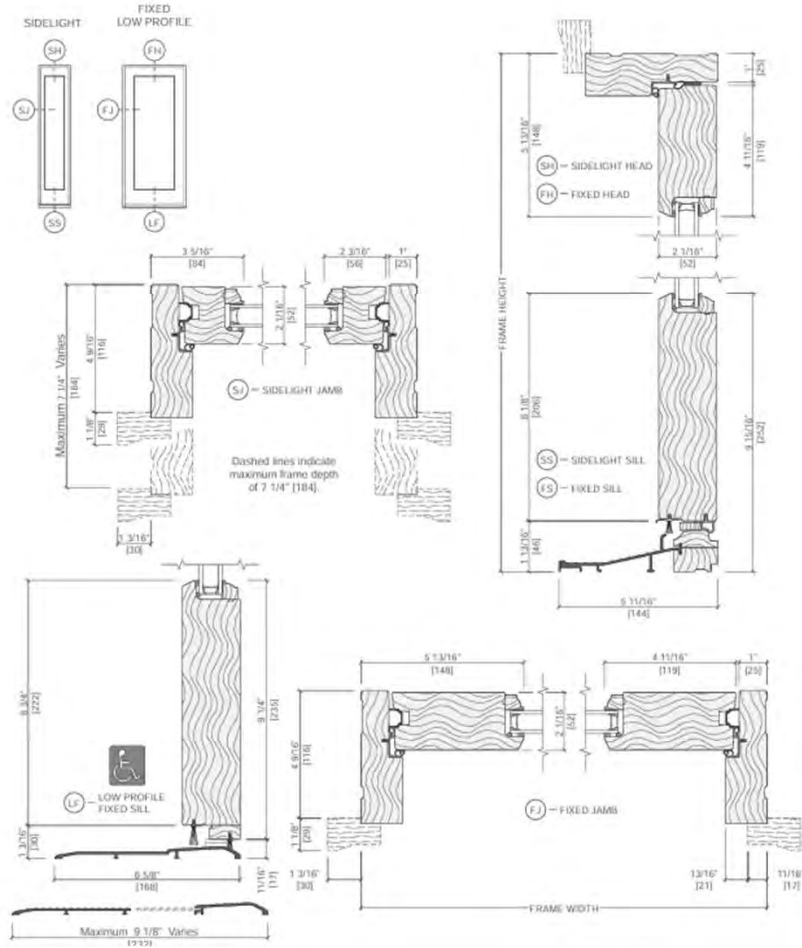
Scale 3" = 1' 0"
All dimensions are approximate.



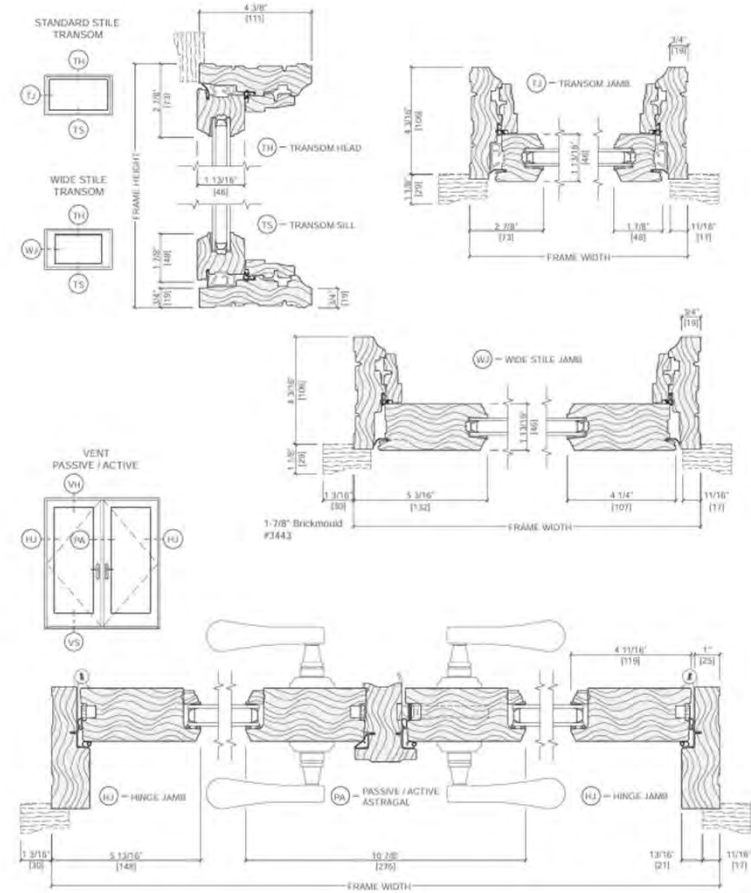
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Pella® Reserve™ Traditional In-Swing Patio Door
 Unit Sections – Wood Exterior, Putty Glaze Exterior Profile



Pella® Reserve™ Traditional In-Swing Patio Door



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Pella® Reserve™

Traditional Wood & Clad/Wood



Exquisitely designed windows and doors with unparalleled historical detailing.

Double-Hung Interior



Double-Hung Exterior



- **Historical details**

Our most historically authentic line of wood windows and patio doors. Featuring through-stile construction, deliberate proportions and intricate profiles. Pella Reserve – Traditional products are the ideal choice for historical renovations and traditional building projects.

- **Authentic hardware**

Complement your project with historically authentic spoon-lock window hardware. Our Antiek casement window hardware is inspired by period furniture to deliver authentic traditional style.

- **Architectural interest**

Pella's Integral Light Technology® grille helps capture the look of true-divided-light without sacrificing energy performance. Further your aesthetic with the putty profile, recreated with historically accurate angles to provide meaningful depth and a realistic shadow. Pella Reserve products offer the industry's deepest sash dimension.

- **Virtually unlimited customization**

If you can dream it, we can build it with our most customizable product line. From extra tall to extra wide, Pella can craft unique windows that complement your aesthetic. Custom sizes, grille patterns and designs, finishes, wood types and glass options are available.

- **Tailor-made solutions**

From preliminary drawings to installation, Pella's expert team of architects, engineers, drafters and consultants can work to deliver custom window and door solutions for your project. Partner with Pella to achieve your unique vision without concessions.

- **Intentional innovation**

The award-winning Integrated Rolscreen® retractable screen preserves aesthetics and the view. It is a double- and single-hung screen that appears when you open the window and rolls away, out of sight, when you close it.

- **Durable interiors and extruded aluminum exteriors**

To help save you time on the jobsite, interior finish options are available in a variety of paints and stains, or primed and ready-to-paint. To complement your exterior aesthetic, choose from our carefully curated color palette or define your own custom color for your project.

- **ENERGY STAR® certified¹**

Pella wood products offer energy-efficient options that will meet or exceed ENERGY STAR guidelines in all 50 states.

- **Testing beyond requirements**

All wood products and testing are not created equal. Pella raises the bar on industry standard testing and beyond to deliver long-lasting products and reduced callbacks. Every Pella wood window and door passes 5, on average, quality checks before it arrives on the jobsite.

- **Best limited lifetime warranty²**

Pella Reserve products are covered by the best limited lifetime warranty in the business for wood windows and patio doors.²

Available in these window and patio door styles:



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Residential Roof Addition - Fort


Product Specifications

Window & Patio Door Style	Min. Width	Min. Height	Max Width	Max. Height	Performance Class & Grade	Performance Values			Frame / Install
						U-Factor	SHGC	STC	
Awning	13'-N"	13'-N"	50"	59"	LC30 - CW50	0.25-0.29	0.18-0.47	27-35	Fold-out Fin, Black Frame, EnduraClad Exterior Trim / Brickmould
Casement	13'-N"	13'-N"	47"	106"	R35-CW50	0.25-0.29	0.18-0.47	27-34	Fold-out Fin, Black Frame, EnduraClad Exterior Trim / Brickmould
Fixed Casement	10"	10"	144"	144"	R35-CW50	0.25-0.29	0.18-0.47	27-35	Fold-out Fin, Black Frame, EnduraClad Exterior Trim / Brickmould
Double-Hung	14"	24'-3/4"	48"	96"	CW30-CW50	0.25-0.30	0.19-0.53	28-35	Fold-out Fin, Black Frame, EnduraClad Exterior Trim / Brickmould
Precision Fit Double-Hung	13'-1/2"	23'-N"	48"	84"	CW40-CW50	0.25-0.31	0.19-0.53	26-30	Pocket Replacement
Monumental Hung	13'-N"	24"	72"	144"	LC25-CW50	0.25-0.30	0.17-0.47	29-34	Fold-out Fin, Black Frame, EnduraClad Exterior Trim / Brickmould
In-Swing Hinged Patio Door (Single)	18"	36"	48"	119'-1/2"	LC40-LC55	0.25-0.29	0.14-0.40	31-35	
In-Swing Hinged Patio Door (Double)	36"	36"	96"	119'-1/2"	LC40-LC55	0.25-0.29	0.14-0.40	31-35	
Out-Swing Hinged Patio Door (Single)	18"	36"	48"	119'-1/2"	R50-LC70	0.25-0.30	0.14-0.39	30-36	
Out-Swing Hinged Patio Door (Double)	36"	36"	96"	119'-1/2"	R50-LC70	0.25-0.30	0.14-0.39	30-36	
Sliding Patio Door (D)	30'-N"	74"	60'-N"	119'-1/2"	LC40-LC70	0.29-0.32	0.15-0.42	-	
Sliding Patio Door (DX, XD)	59'-N"	74"	119'-1/2"	119'-1/2"	LC35-LC65	0.29-0.32	0.15-0.42	29-35	
Sliding Patio Door (DXD)	90"	74"	180"	119'-1/2"	LC30-LC45	0.29-0.32	0.15-0.42	-	
Sliding Patio Door (DXXD)	116'-1/4"	74"	236'-1/8"	119'-1/2"	LC25-LC40	0.29-0.32	0.15-0.42	-	
Multi-Slide Patio Door	40'-N"	50'-N"	70'-1/2"	119'-1/2"	R15-LC25*	0.30 - 0.36	0.15 - 0.46	31	
Bifold Patio Door	31'-N"	55'-1/2"	312"	119'-1/2"	R15-LC25*	0.26-0.44	0.13-0.45	-	


Window sizes available in 1/8" increments. *Special sizes available. For more information regarding performance, and patio door performance. For more information regarding frame and installation types, visit PellaADM.com.

Grilles


Integral Light Technology* Choose the look of true divided light without sacrificing energy performance.



Putty Glaze Exterior with Ogee Interior*
7/8", 1-1/4" or 2"



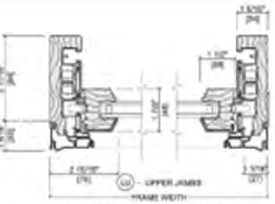
Putty Glaze Exterior with Ogee Interior*
7/8", 1-1/4" or 2"



Ogee Exterior with Ogee Interior*
7/8", 1-1/4" or 2"

Cross Sections

Cross Sections



The double-hung cross sections provide visual reference to the historic putty exterior profile and traditional, beveled Ogee interior that add architectural interest to your project.

Optional Fold-out Installation Pin

** See back cover for dimensions.

Window Hardware

Classic Collection Get a timeless look with authentic styles in classic finishes.



Fold-away Crank
AZ164



Spoon-Style Lock

Finishes:



Rustic Collection Create a distinct and charming look with distressed finishes.



Fold-away Crank
AZ164



Spoon-Style Lock

Finishes:



Essential Collection Select from popular designs and finishes to suit every style.



Fold-away Crank



Cam-Action Lock

Finishes:



Patio Door Hardware

Classic Collection Choose timeless pieces, created in collaboration with Baldwin® Hardware, for a look that will never go out of style.

BALDWIN



Hinged & Bifold Patio Door Handle
V1600



Sliding & Multi-Slide Patio Door Handle
AZ1600



Multi-Slide Patio Door Handle**

Finishes:



Essential Collection Elevate your style and transform a home with elegant selections.



Hinged & Bifold Patio Door Handle
G1600



Sliding Patio Door Handle
Standard



Multi-Slide Patio Door Handle**

Finishes:



Additional hardware collections available. Visit PellaADM.com for more information.

** See back cover for dimensions.



Docket No. 5-44-24 (17401 Edgewater)
Residential Roof Addition - Fort

Colors

Wood Types

Choose the wood species that best complements your project's interior.



Prefinished Pine Interior Colors

Custom interior finishes, unfinished or primed and ready-to-paint are also available.



Extruded Aluminum-Clad Exterior Colors

Our low-maintenance EnduraClad® exterior finish resists fading. Take durability one step further with EnduraClad Plus which also resists chalking and corrosion.⁷



Added Peace of Mind

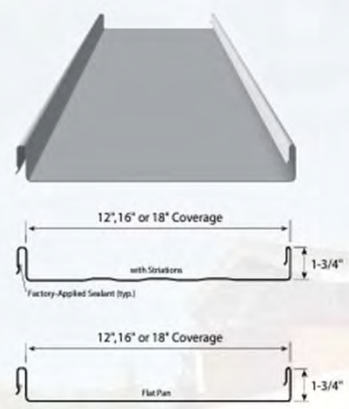
Integrated Security Sensors
Integrated wireless security sensors maintain aesthetics, streamline security installation and ensure no warranty loss is caused by post-installation drilling. Sensors can be monitored via the free Pella® Insynctive® App and are compatible with major security panel systems.⁸ For more information, go to connectpella.com.

The Best Limited Lifetime Warranty in the Industry
We know your reputation matters and you stake your reputation on quality, dependable products. That's why we have the best limited lifetime warranty in the industry for wood windows and patio doors.⁹

¹ Some Pella products may not meet ENERGY STAR® guidelines in Canada. For more information, contact your local Pella sales representative or go to energystar.gc.ca.
² Based on comparing written limited warranties of leading national wood window and wood patio door brands. See written limited warranty for details, including exceptions and limitations, at pella.com/warranty or contact Pella Customer Service.
³ Ratings are contingent on product configurations.
⁴ Color-matched to your product's interior and exterior color.
⁵ Flush multi-ride handle is a Pella exclusive design.
⁶ Flush multi-ride handle is not available in Champagne.
⁷ EnduraClad Plus protective finish is not available with all colors. See your local Pella sales representative for availability.
⁸ Requires the Insynctive App on a smart device, an Insynctive Bridge and a wireless home router with internet connection.

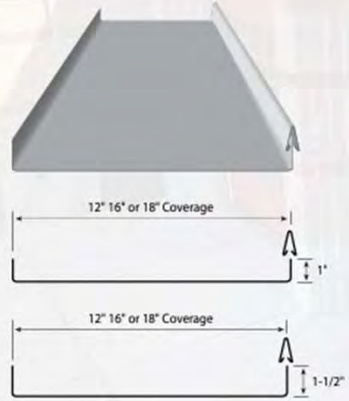
VERTICAL SEAM

- Structural standing seam roof system
- Panel covers: 12", 16" or 18"
- Rib height: 1-3/4"
- Gauges: 24 ga. standard; 22 ga. optional
- Snap-together panel system with factory-applied side-lap sealant
- Minimum roof slope over open framing 3:12
- Minimum roof slope over solid substrate 1:12
- Concealed clip designed for unlimited thermal movement



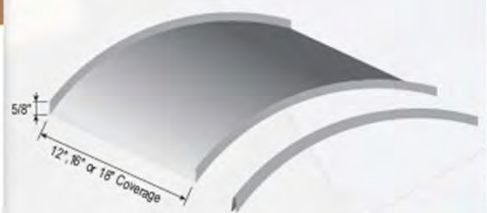
MINI-BATTEN

- Standing seam roof system
- Panel covers: 12", 16" or 18"
- Rib height: 1" and 1-1/2" with a narrow batten cap
- Gauges: 24 ga. standard; 22 ga. optional
- Minimum roof slope: 3:12
- Concealed clip secures snap-on batten cap



CURVED 1" MINI-BATTEN

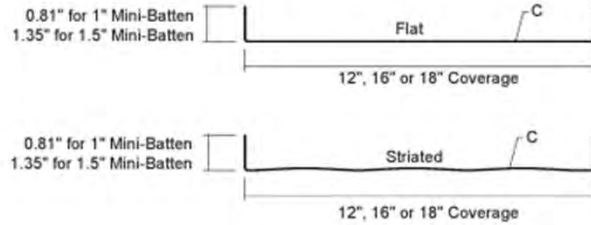
- Standing seam roof system
- Panel covers: 12", 16" or 18"
- Gauges: 24 ga. standard; 22 ga. optional
- Minimum radius: 4'-0" pan and batten
- Concealed clip designed
- Whether it's an accent or an entire roof, Curved Mini-Batten panels give your project a unique look



Docket No. 5-44-24 (17401 Edgewater)
Residential Roof Addition - Fort Lauderdale

MINI-BATTEN

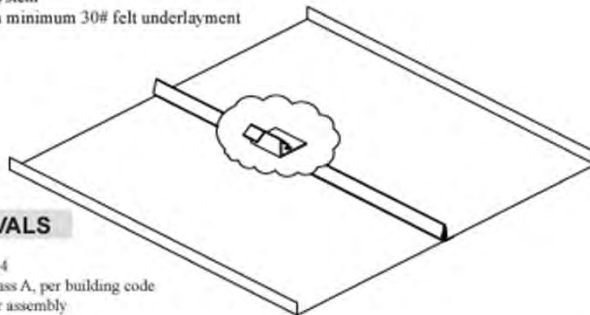
Condensed
Technical
Reference



ARCHITECTURAL PANEL CONCEALED FASTENED 12", 16" OR 18" COVERAGE MINIMUM SLOPE 3:12 SOLID SUBSTRATE

PANEL OVERVIEW

- ▶ Finishes: PVDF, MS Colorfast45® and Acrylic-Coated Galvalume®
- ▶ Corrosion Protection: AZ55 per ASTM A 792 for unpainted Galvalume®
AZ50 per ASTM A 792 for painted Galvalume®
G90 per ASTM A 653 for Galvanized
- ▶ Gauges: 26 ga and 24 ga standard; 22 ga optional
- ▶ 12", 16" or 18" panel coverage, 1" or 1 1/2" rib height with narrow batten cap
- ▶ Panel Length: Minimum: 5'; Maximum: 45' recommended
- ▶ Architectural standing rib roof system
- ▶ Applies over solid substrate with minimum 30# felt underlayment
- ▶ Minimum roof slope: 3:12
- ▶ Flat and Striated pan available



TESTING AND APPROVALS

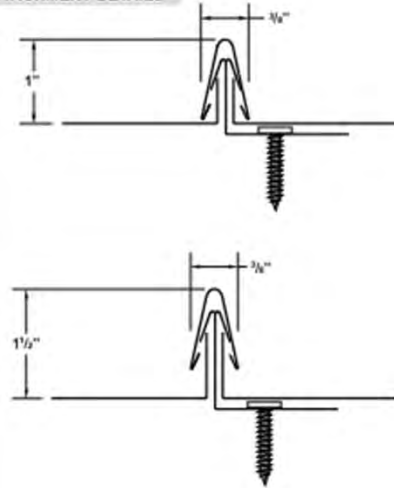
- ▶ UL 2218 Impact Resistance - Class 4
- ▶ UL 790 Fire Resistance Rating - Class A, per building code
- ▶ UL 263 Fire Resistance Rating - per assembly
- ▶ UL 580 Uplift Resistance - Class 90 Constructions:
1" Mini-Batten: #397, #397A and #430
1 1/2" Mini-Batten: #352
- ▶ ASTM E 1592 Uplift Resistance
- ▶ ASTM E 283 Air Leakage - 0.005 cfm/ft² at 6.24 psf
- ▶ ASTM E 331 Water Penetration - none at 12 psf

TMS Metal Sales

MINI-BATTEN

Condensed
Technical
Reference

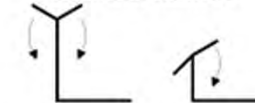
ATTACHMENT DETAILS



PANEL CLIPS



BEND DOWN OVER PANEL



MINI-BATTEN
(1 1/2" rib height)

MINI-BATTEN
(1" rib height)

FASTENING INFORMATION

▶ Clips

Clip spacing is based upon the design loads, the spanning capacity of the panels, the fasteners and the support members.

Clips are 0.027" thick, G90 galvanized.

Clips can accommodate thermal expansion and contraction.

▶ Fasteners

Overdriven fasteners will cause panel distortions.

Fasteners should extend 1/2" or more past the inside face of the support material.

Clip Fasteners:

#10-12 Pancake Head Wood Screw

Concealed End Fastener:

#10-12 Pancake Head Wood Screw

Trim Fasteners:

1/4" x 14 x 7/8" XL Stitch Screw

1/8" x 3/16" Pop Rivet

TMS Metal Sales metalsales.us.com

Anchorage, AK 866.640.7663
Bay City, MI 888.777.7640
Deer Lake, PA 800.544.2577
Denver, CO 800.289.7663

Detroit Lakes, MN 888.594.1394
Fontana, CA 800.782.7953
Fort Smith, AR 877.452.3915
Independence, MO 800.747.0012

Jacksonville, FL 800.394.4419
Jefferson, OH 800.321.5833
Mocksville, NC 800.228.6119
Nashville, TN 800.251.8508
Rock Island, IL 800.747.1206
Rogers, MN 800.328.9316

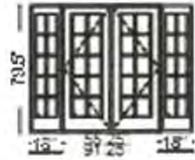
Seattle, WA 800.431.3470
Sellersburg, IN 800.999.7777
Sioux Falls, SD 888.299.0024
Spokane, WA 800.572.6565
Temple, TX 800.543.4415
Woodland, CA 800.759.6019

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Docket No. 5-44-24 (17401 Edgewater)
Residential Roof Addition - Fort

Line #	Location:	Attributes	Item Price	Qty	Ext'd Price
36	CUSTOM DOOR WIDTH	<p>Pella® Reserve, , Traditional Inswing Door Sidelight, Double Inswing Door, Inswing Door Sidelight, 91.25 X 79.5, Tan</p> <p>1: 1880 Fixed Inswing Door Sidelight Frame Size: 18 X 79 1/2 General Information: Standard, Clad, Pine, 6 1/4", 4 15/16", Standard Sill, Mill Finish Sill, Black Composite Threshold Exterior Color / Finish: Painted, Standard Enduraclad, Tan Interior Color / Finish: Primed Interior Sash / Panel: Putty Glaze, Ogee, Standard Glass: Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Performance Information: U-Factor 0.29, SHGC 0.16, VLT 0.28, CPD PEL-N-218-08884-00001, Performance Class LC, PG 55, Calculated Positive DP Rating 55, Calculated Negative DP Rating 70, Year Rated 11, STC 31, OITC 25 Grille: ILT, No Custom Grille, 1 1/4", Traditional (2W5H), Putty Glaze, Ogee</p> <p>2: Non-Standard Size Active / Passive Double Inswing Door Frame Size: 55 1/4 X 79 1/2 General Information: Standard, Clad, Pine, 6 1/4", 4 15/16", Standard Sill, Mill Finish Sill, Black Composite Threshold Exterior Color / Finish: Painted, Standard Enduraclad, Tan Interior Color / Finish: Primed Interior Sash / Panel: Putty Glaze, Ogee, Standard Glass: Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Standard, Satin Nickel, Order Handle Set, Multipoint Lock, No Integrated Sensor Screen: Hinge Screen, Tan, Satin Nickel, InView™ Performance Information: U-Factor 0.29, SHGC 0.16, VLT 0.28, CPD PEL-N-218-07988-00001, Performance Class LC, PG 55, Calculated Positive DP Rating 55, Calculated Negative DP Rating 70, Year Rated 11, STC 31, OITC 25 Grille: ILT, No Custom Grille, 1 1/4", Traditional (2W5H / 2W5H), Putty Glaze, Ogee</p> <p>3: 1880 Fixed Inswing Door Sidelight Frame Size: 18 X 79 1/2 General Information: Standard, Clad, Pine, 6 1/4", 4 15/16", Standard Sill, Mill Finish Sill, Black Composite Threshold Exterior Color / Finish: Painted, Standard Enduraclad, Tan Interior Color / Finish: Primed Interior Sash / Panel: Putty Glaze, Ogee, Standard Glass: Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Performance Information: U-Factor 0.29, SHGC 0.16, VLT 0.28, CPD PEL-N-218-08884-00001, Performance Class LC, PG 55, Calculated Positive DP Rating 55, Calculated Negative DP Rating 70, Year Rated 11, STC 31, OITC 25 Grille: ILT, No Custom Grille, 1 1/4", Traditional (2W5H), Putty Glaze, Ogee Vertical Mull 1: FactoryMull, Standard Joining Mullion - Doors, Frame To Frame Width- 0", Mull Design Pressure- 20 Vertical Mull 2: FactoryMull, Standard Joining Mullion - Doors, Frame To Frame Width- 0", Mull Design Pressure- 20 Wrapping Information: Foldout Fins, Factory Applied, No Exterior Trim, 4 15/16", 6 1/4", Factory Applied, Pella Recommended Clearance, Perimeter Length = 342".</p>	\$11,725.33	1	\$11,725.33



PK #
2164

Viewed From Exterior
Rough Opening: 92" X 80"

For more information regarding the finishing, maintenance, service and warranty of all Pella® products, visit the Pella® website at www.pella.com



Docket No. 5-44-24 (17401 Edgewater)

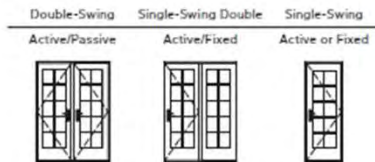
Residential Roof Addition - Fort



Pella® Reserve™ Traditional In-Swing Patio Door

Size and Performance Data

	Clad	Wood
Sizes		
Standard door sizes	•	•
Standard sidelight sizes	•	•
Standard transom sizes – Fixed Frame Direct Set	•	•
Fixed casement	•	•
Wide stile casement	•	•
Special sizes	•	•
Custom sizes and shapes	•	•
Standard Single-Swing Single Door Widths		
2' 2"	•	•
2' 6"	•	•
2' 10"	•	•
3'	•	•
3' 2"	•	•
Standard Single-Swing Double Door Widths		
4' 2"	•	-
5'	•	-
5' 7"	•	-
6'	•	-
6' 3"	•	-
Standard Double-Swing Door Widths		
4' 2"	•	•
5'	•	•
5' 7"	•	•
6'	•	•
6' 3"	•	•
Standard Door Heights		
6' 7-1/2"	•	•
6' 10"	•	•
7' 2"	•	•
8' 0"	•	•
10' 0"	•	•



(-) = Not Available
 (1) The higher the level, the greater the product's ability to resist forced entry. Valid only if Pella supplied locking system is used.



Pella® Reserve™ Traditional In-Swing Patio Door

Size and Performance Data

	Clad	Wood
Performance data:		
Standard Sill - Non-Impact Glazing		
Meets or Exceeds AAMA/WDMA Ratings	LC55	LC55
Air Infiltration (cfm/ft ² of frame @ 157 psf wind pressure)	Hallmark Certified 0.15	Hallmark Certified 0.15
Water Resistance	8.36 psf	8.36 psf
Design Pressure	55 psf	55 psf
Low Profile Sill		
Water Resistance	0 psf	0 psf
Products with Impact-Resistant Glass		
Meets or Exceeds AAMA/WDMA Ratings	LC55	LC55
Air Infiltration (cfm/ft ² of frame @ 157 psf wind pressure)	0.15	0.15
Water Resistance	8.36 psf	8.36 psf
Design Pressure	55 psf	55 psf
Doors 8' Tall and Under		
Standard Sill - Non-Impact Glazing		
Meets or Exceeds AAMA/WDMA Ratings	LC40	LC40
Air Infiltration (cfm/ft ² of frame @ 157 psf wind pressure)	Hallmark Certified 0.15	Hallmark Certified 0.15
Water Resistance	7.52 psf	7.52 psf
Design Pressure	40 psf	40 psf
Low Profile Sill		
Water Resistance	0 psf	0 psf
Products with Impact-Resistant Glass		
Meets or Exceeds AAMA/WDMA Ratings	LC40	LC40
Air Infiltration (cfm/ft ² of frame @ 157 psf wind pressure)	0.15	0.15
Water Resistance	7.52 psf	7.52 psf
Design Pressure	40 psf	40 psf
Doors Over 8' Tall up to 10'		
Standard Sill - Non-Impact Glazing		
Meets or Exceeds AAMA/WDMA Ratings	LC40	LC40
Air Infiltration (cfm/ft ² of frame @ 157 psf wind pressure)	Hallmark Certified 0.15	Hallmark Certified 0.15
Water Resistance	7.52 psf	7.52 psf
Design Pressure	40 psf	40 psf
Low Profile Sill		
Water Resistance	0 psf	0 psf
Products with Impact-Resistant Glass		
Meets or Exceeds AAMA/WDMA Ratings	LC40	LC40
Air Infiltration (cfm/ft ² of frame @ 157 psf wind pressure)	0.15	0.15
Water Resistance	7.52 psf	7.52 psf
Design Pressure	40 psf	40 psf

Other Performance Criteria

Forced Entry Resistance Level (Minimum Security Grade),	40
---	----

Sound Transmission Class / Outdoor-Indoor Transmission Class

Product	Frame Size Tested ⁽¹⁾	Glazing System				STC Rating	OITC Rating
		Overall Glazing Thickness	Exterior Glass Thickness	Interior Glass Thickness	Third Pane Thickness		
Clad In-Swing	Without Grilles						
	71-1/4" x 81-1/2"	13/16"	3mm	3mm	—	31	25
	71-1/4" x 81-1/2"	13/16"	3mm	7.6mm PVB	—	34	28
Clad In-Swing with Impact-Resistant Glass	Without Grilles						
	71-1/4" x 81-1/2"	7/8"	8.6mm PVB	4.7mm	—	33	30

(-) = Not Available
 (1) Maximum performance for single unit when glazed with the appropriate glass thickness. Doors supplied without latching hardware are not AAMA/WDMA performance certified. See Design Data pages in this section for specific product performance class and grade values.
 (2) The higher the level, the greater the product's ability to resist forced entry. Valid only if Pella supplied locking system is used.

(3) ASTM E 1425 defines standard sizes for acoustical testing. Ratings achieved at that size are representative of all sizes of the same configuration.
 NOTE: Performance with additional options may not be the same as Standard and Special size units. Please contact your local Pella representative for complete information.



Docket No. 5-44-24 (17401 Edgewater)

Residential Roof Addition - Fort



Pella® Reserve™ Traditional In-Swing Patio Door

Features and Options

Standard	Options / Upgrades
Glazing	
Glazing Type	
Dual-Pane Insulating Glass	Triple-Pane Insulating Glass
Insulated Glass Options/Low-E Types	
	SunDefense™ Low-E
	SunDefense+ Low-E
Advanced Low-E	AdvancedComfort Low-E
	NaturalSun Low-E
	NaturalSun+ Low-E
	Clear (no Low-E coating)
Additional Glass Options	
Tempered Glass	Obscure Glass; Tinted Glass (Bronze, Gray and Green) Impact-Resistant Laminated Glass
Gas Fill/High Altitude	
Argon	High altitude
Wood Types	
Pine	Mahogany, Douglas Fir
Exterior	
EnduraClad® protective finish	EnduraClad Plus protective finish Factory Primed Pine wood exterior Unfinished Mahogany wood exterior
Cladding Colors	
Standard colors	Feature Colors, Custom Colors ¹
Sill Finish²	
	Mill finish
Black	Satin nickel anodized Bronze anodized
Interior	
Unfinished wood	Factory primed ³ , Factory prefinished paint ³ , Factory prefinished stain
Hardware	
White, Champagne, Brown, Matte Black	Satin Brass, Satin Nickel, Oil-Rubbed Bronze,
Locking System	
Multi-Point	—
Key lock	—
Grilles	
Integral Light Technology® Grilles	—
—	Traditional, Prairie, Top Row, Cross, New England, Victorian, Custom
Grilles-Between-the-Glass	
—	Traditional, Prairie, Top Row, Cross, Custom-Equally Divided
Screens	
—	InView™ screens

(1) Contact your local Pella sales representative for current designs and color options.
 (2) ADA sill finishes available in mill or bronze anodized only.
 (3) Not available on Mahogany and Douglas Fir interiors.



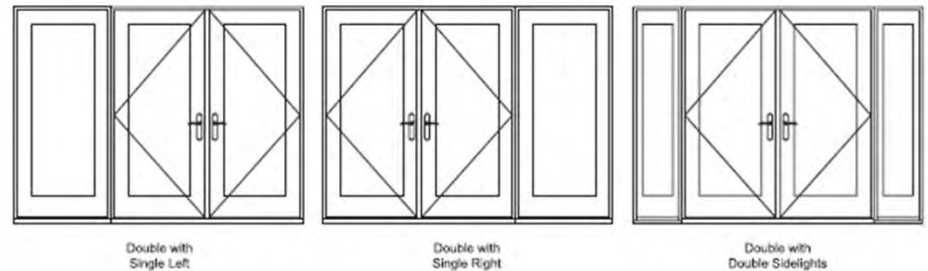
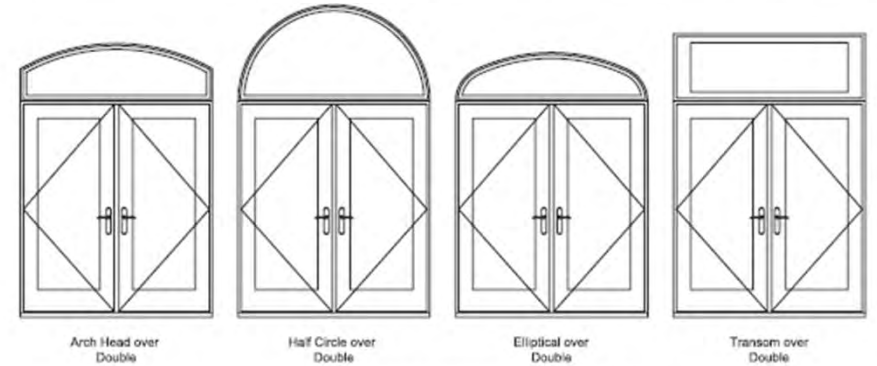
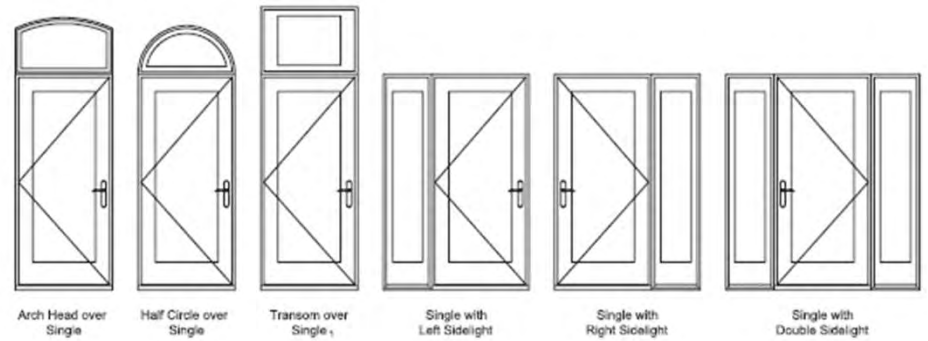
Pella® Reserve™ Traditional In-Swing Patio Door

Combinations

Combinations are a great way to create visual interest in any project. A combination is an assembly formed by two or more separate windows or doors whose frames are mullioned together by a combination or reinforcing mullion.

Pella window combinations are available in an endless variety of arrangements. Below are examples of common configurations, see the Combinations Recommendations document for typical mullions, requirements and limitations.

Contact your local Pella sales representative for more information.



(1) Other rectangular profiles are also available as combination options.



Docket No. 5-44-24 (17401 Edgewater)

Residential Roof Addition - Fort



Pella® Reserve™ Traditional In-Swing Patio Door

Glazing Performance - Total Unit

Table with columns: Glazing Thickness, Type of Glazing, NFRC Certified Product #, Glass (mm), Gap Fill, Performance Values (U-Factor, SHGC, VLT, CR), and Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown (U.S., Canada).

R-Value = U-Factor
SHGC = Solar Heat Gain Coefficient
VLT % = Visible Light Transmission
CR = Condensation Resistance
ER = Canadian Energy Rating

(1) Glazing performance values are calculated for Pine using NFRC 100, NFRC 200 and NFRC 500. Thermal performance of other wood species may vary. ENERGY STAR® values are updated to 2023 (Version 7) criteria.
(2) The values shown are based on Canada's updated ENERGY STAR® 2020 initiative.
U-Factor values shown are based on a standard sill and pine interior.
For center-glass values, see the Product Performance section.
Visit www.energystar.gov for Energy Star guidelines.



Pella® Reserve™ Traditional In-Swing Patio Door

Glazing Performance - Total Unit

Table with columns: Glazing Thickness, Type of Glazing, NFRC Certified Product #, Glass (mm), Gap Fill, Performance Values (U-Factor, SHGC, VLT, CR), and Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown (U.S., Canada).

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U-Factor values shown are based on a standard sill and pine interior.
For center-glass values, see the Product Performance section.
Visit www.energystar.gov for Energy Star guidelines.



Docket No. 5-44-24 (17401 Edgewater) Residential Roof Addition - Fort



Table with columns: Glazing Thickness, Type of Glazing, NFRC Certified Product #, Glass (mm) Ext./Int., Gap Fill, Performance Values (U-Factor, SHGC, VLT, CR), Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown (U.S. Zone, Canada Zone).

R-Value = U-Factor, SHGC = Solar Heat Gain Coefficient, VLT % = Visible Light Transmission, CR = Condensation Resistance, ER = Canadian Energy Rating

(1) Glazing performance values are calculated for Pine using NFRC 100, NFRC 200 and NFRC 500. Thermal performance of other wood species may vary. ENERGY STAR® values are updated to 2023 (Version 7) criteria. (2) The values shown are based on Canada's updated ENERGY STAR® 2020 initiative. U-Factor values shown are based on a standard sill and pine interior. For center-glass values, see the Product Performance section. Visit www.energystar.gov for Energy Star guidelines.



Table with columns: Glazing Thickness, Type of Glazing, NFRC Certified Product #, Glass (mm) Ext./Mid./Int., Gap Fill, Performance Values (U-Factor, SHGC, VLT, CR), Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown (U.S. Zone, Canada Zone).

R-Value = U-Factor, SHGC = Solar Heat Gain Coefficient, VLT % = Visible Light Transmission, CR = Condensation Resistance, ER = Canadian Energy Rating

(1) Glazing performance values are calculated for Pine using NFRC 100, NFRC 200 and NFRC 500. Thermal performance of other wood species may vary. ENERGY STAR® values are updated to 2023 (Version 7) criteria. (2) The values shown are based on Canada's updated ENERGY STAR® 2020 initiative. U-Factor values shown are based on a standard sill and pine interior. For center-glass values, see the Product Performance section. Visit www.energystar.gov for Energy Star guidelines.



Docket No. 5-44-24 (17401 Edgewater) Residential Roof Addition - Fort



Glazing Performance - Total Unit

Table with columns: Glazing Thickness, Type of Glazing, NFRC Certified Product #, Glass (mm) Ext./Int., Gap Fill, Performance Values (U-Factor, SHGC, VLT, CR), and Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown (U.S. and Canada).

R-Value = U-Factor
SHGC = Solar Heat Gain Coefficient
VLT % = Visible Light Transmission
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ER = Canadian Energy Rating

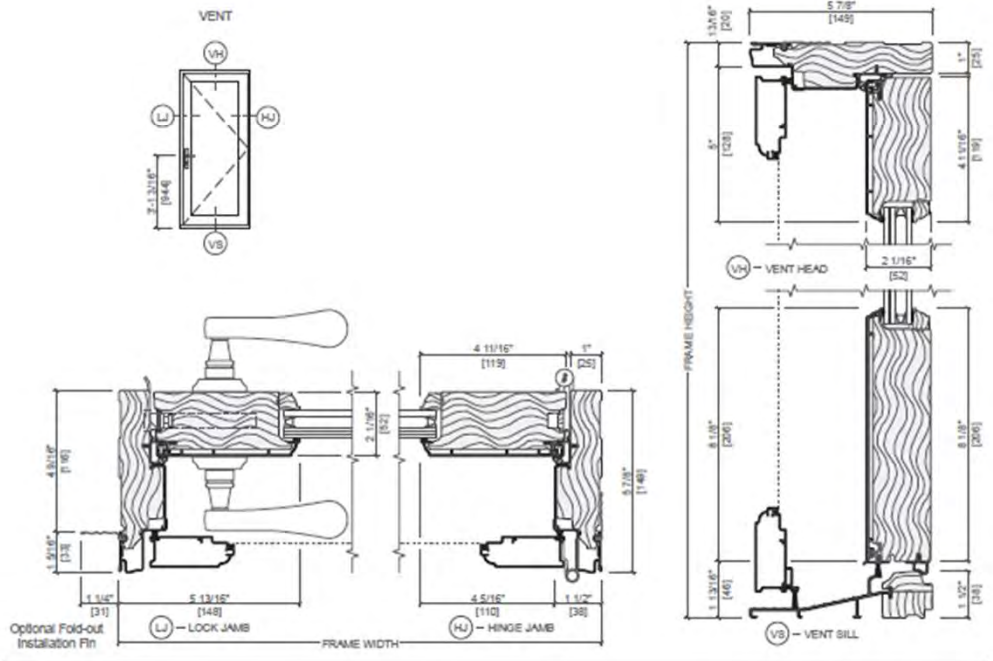
(1) Glazing performance values are calculated for Pine using NFRC 100, NFRC 200 and NFRC 500. Thermal performance of other wood species may vary. ENERGY STAR® values are updated to 2023 (Version 7) criteria.
(2) The values shown are based on Canada's updated ENERGY STAR® 2020 initiative.
U-Factor values shown are based on a standard sill and pine interior.
For center-glass values, see the Product Performance section.
Visit www.energystar.gov for Energy Star guidelines.



Impact-Resistant Glass

For a complete list of ratings, refer to the Impact-Resistant product section.

Table with columns: Maximum Performance Grade, Certification (Miami-Dade County, Hallmark, FPAS, TDI), and Clad (7/8" Insulated Glass PVB) with performance ratings for various vent unit heights.



(-) Not applicable.
(1) Units are tested for air/water/structural and impact-resistance, and certified for wind zone 4, large missile rating D.
For clear opening, vent area, visible glass, and frame area, see clad Design Data pages.
To convert areas to square meters (m2), multiply square feet by 0.0929.
Doors with low profile sills, curved glass in rectangular panel, custom stiles and rails, and no-lock no-bore hardware options are not certified to above standards.

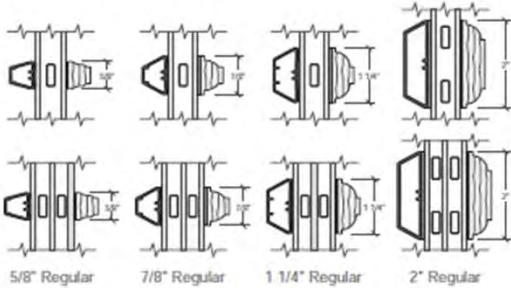


Docket No. 5-44-24 (17401 Edgewater) Residential Roof Addition - Fort

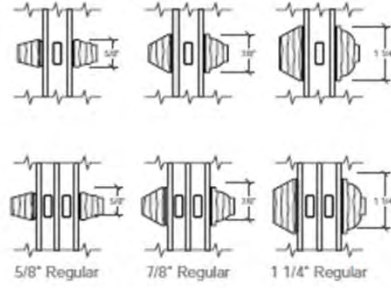


Traditional Style Collection - Integral Light Technology®

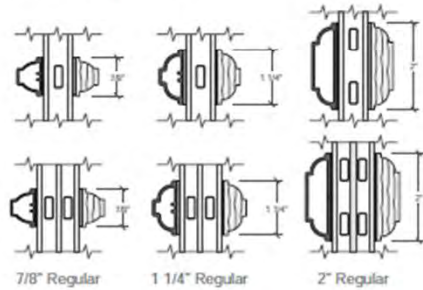
Putty Glaze and Ogee Grilles
Clad Exterior - Wood Interior



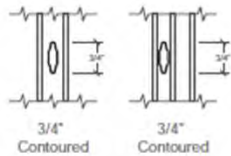
Putty Glaze and Ogee Grilles
Wood Exterior - Wood Interior



Ogee Grilles
Clad Exterior - Wood Interior



Grilles-Between-the-Glass

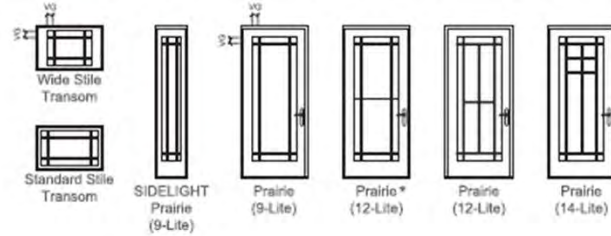


Interior wood Integral Light Technology grilles available in Pine, Mahogany or Douglas Fir to match complete unit.



Integral Light Technology® Grilles

Prairie Lite Patterns

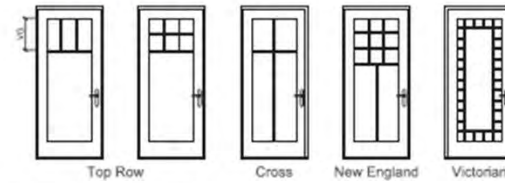


All sidelights and transoms will have 9 lights.
Standard corner lite dimension for Prairie patterns = 3-1/2" VG.

Integral Light Technology Grilles

- 9-Lite available in all standard and special sizes.
- 12-Lite available at 6' height; other heights available per custom drawing.
- 14-Lite available in units > 2' 1-1/2" width.

Other Available Patterns



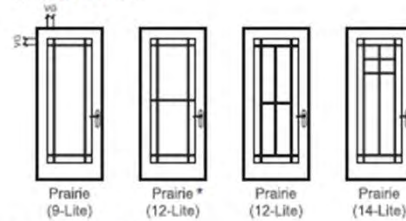
Top Row
• Standard visible glass to separator bar = 14" or half of total visible glass height, whichever is smaller.

Cross
• Standard visible glass to separator bar = one-quarter of total visible glass height.

New England
• Standard visible glass to separator bar = half of total visible glass height.

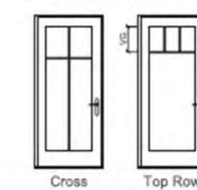
Grilles-Between-the-Glass

Prairie Lite Patterns



Prairie
• Standard corner lite dimension = 3-1/2" VG.
• 9-Lite available in units < 7' 0-3/4" height.
• * Prairie in heights > 7' 0-1/2" will have 12 lites.
• 12-Lite available in units < 7' 2" height.

Other Available Patterns



Cross
• Horizontal bar is 1/4 of visible glass from the top in door panels.
• Not available in transoms.

Top Row
• Horizontal bar may be ordered 12", 14" or 16" from the top VG.
• Transoms with frame heights < 21", the horizontal bar will be positioned at 1/2 the visible glass height.
• Top Row not available in transoms with frame height < 21".

For traditional patterns, see size tables.

VG = Visible Glass
Lite dimensions noted can vary.
Custom configurations are available; for details contact your local Pella sales representative.

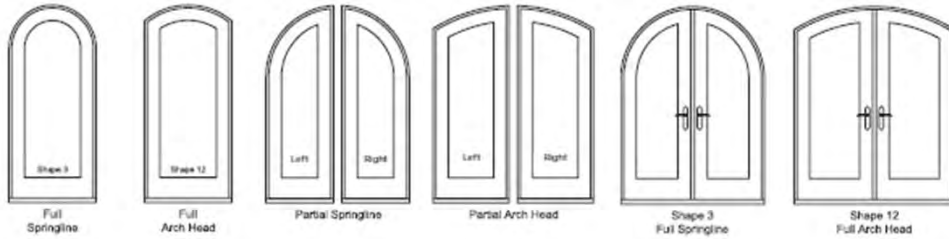


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Pella Reserve In-Swing French doors are available in the additional shapes shown below, as well as custom shapes. For specifications, size limitations, and details on these units, contact your local Pella sales representative.



6' 7" Single Doors and Sidelight

	(475) (457)	(664) (645)	(781) (762)	(870) (851)	(933) (914)	(981) (962)
Opening	1' 6 3/4"	2' 2 1/8"	2' 6 3/4"	2' 10 1/4"	3' 0 3/4"	3' 2 3/8"
Frame	1' 6"	2' 1 3/8"	2' 6"	2' 9 1/2"	3' 0"	3' 1 1/8"

6' 7" Double Doors Fixed-Active

	(1 289) (1 270)	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)	(1 924) (1 905)
Opening	4' 2 3/4"	5' 0"	5' 7"	6' 0"	6' 3 3/4"
Frame	4' 2"	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"	6' 3"

6' 7" Double Doors Active-Passive

	(1 289) (1 270)	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)	(1 924) (1 905)
Opening	4' 2 3/4"	5' 0"	5' 7"	6' 0"	6' 3 3/4"
Frame	4' 2"	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"	6' 3"

Not to scale.
Traditional grille patterns shown. Refer to Clad/Wood Overview section for additional patterns and profiles.
All doors and sidelights are glazed with tempered glass.
Left-hand single doors shown, right-hand and fixed also available.

For Wood Units Only:
To determine masonry dimensions when using Pella 1-7/8" brickmould, add 1-5/8" to frame height and 3-9/16" to frame width. When using Pella 2-1/2" brickmould, add 6-9/8" to frame width and 3-1/4" to frame height.



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Size Tables

6' 10" Single Doors and Sidelight

	(476) (457)	(664) (645)	(781) (762)	(870) (851)	(933) (914)	(981) (962)
Opening	1' 6 3/4"	2' 2 1/8"	2' 6 3/4"	2' 10 1/4"	3' 0 3/4"	3' 2 3/8"
Frame	1' 6"	2' 1 3/8"	2' 6"	2' 9 1/2"	3' 0"	3' 1 7/8"

6' 10" Double-Swing Doors Fixed-Active

	(1 289) (1 270)	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)	(1 924) (1 905)
Opening	4' 2 3/4"	5' 0"	5' 7"	6' 0"	6' 3 3/4"
Frame	4' 2"	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"	6' 3"

6' 10" Double Doors Active-Passive

	(1 289) (1 270)	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)	(1 924) (1 905)
Opening	4' 2 3/4"	5' 0"	5' 7"	6' 0"	6' 3 3/4"
Frame	4' 2"	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"	6' 3"

Not to scale.
Traditional grille patterns shown. Refer to Clad/Wood Overview section for additional patterns and profiles.
All doors and sidelights are glazed with tempered glass.
Left-hand single doors shown, right-hand and fixed also available.

For Wood Units Only:
To determine masonry dimensions when using Pella 1-7/8" brickmould, add 1-5/8" to frame height and 3-9/8" to frame width. When using Pella 3-1/2" brickmould, add 6-3/8" to frame width and 3-1/4" to frame height.



Size Tables

7' 2" Single Doors and Sidelight

	(476) (457)	(664) (645)	(781) (762)	(870) (851)	(933) (914)	(981) (962)
Opening	1' 6 3/4"	2' 2 1/8"	2' 6 3/4"	2' 10 1/4"	3' 0 3/4"	3' 2 3/8"
Frame	1' 6"	2' 1 3/8"	2' 6"	2' 9 1/2"	3' 0"	3' 1 7/8"

7' 2" Double-Swing Doors Fixed-Active

	(1 289) (1 270)	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)	(1 924) (1 905)
Opening	4' 2 3/4"	5' 0"	5' 7"	6' 0"	6' 3 3/4"
Frame	4' 2"	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"	6' 3"

7' 2" Double Doors Active-Passive

	(1 289) (1 270)	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)	(1 924) (1 905)
Opening	4' 2 3/4"	5' 0"	5' 7"	6' 0"	6' 3 3/4"
Frame	4' 2"	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"	6' 3"

Not to scale.
Traditional grille patterns shown. Refer to Clad/Wood Overview section for additional patterns and profiles.
All doors and sidelights are glazed with tempered glass.
Left-hand single doors shown, right-hand and fixed also available.

For Wood Units Only:
To determine masonry dimensions when using Pella 1-7/8" brickmould, add 1-5/8" to frame height and 3-9/8" to frame width. When using Pella 3-1/2" brickmould, add 6-3/8" to frame width and 3-1/4" to frame height.



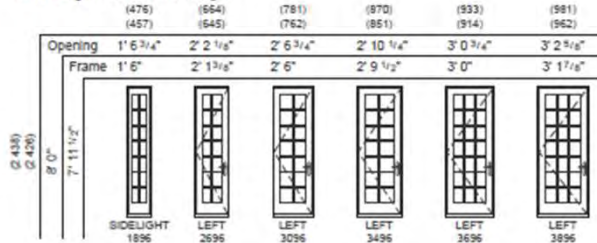
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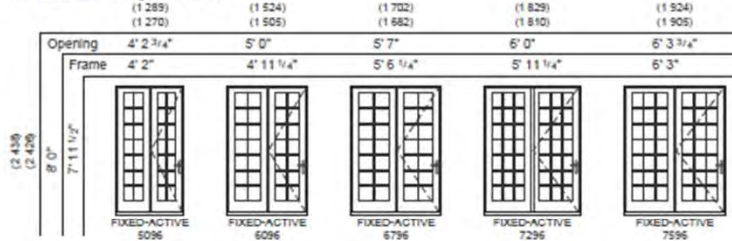


Size Tables

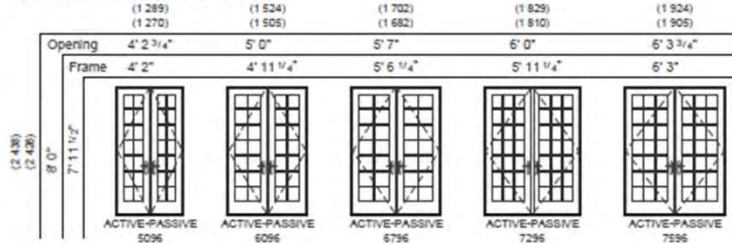
8' 0" Single Doors and Sidelight



8' 0" Double-Swing Doors Fixed-Active



8' 0" Double Doors Active-Passive



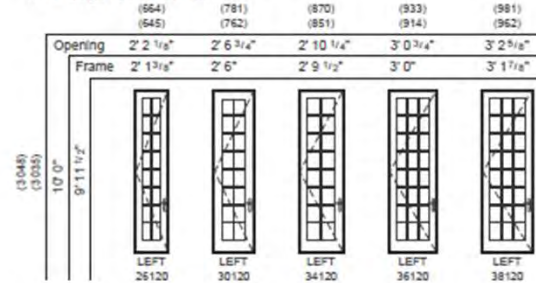
Not to scale.
Traditional grille patterns shown. Refer to Clad/Wood Overview section for additional patterns and profiles.
All doors and sidelights are glazed with tempered glass.
Left-hand single doors shown, right-hand and fixed also available.

For Wood Units Only:
To determine masonry dimensions when using Pella 1-7/8" brickmould, add 1-5/8" to frame height and 3-7/8" to frame width. When using Pella 2-1/2" brickmould, add 6-3/8" to frame width and 3-1/4" to frame height.

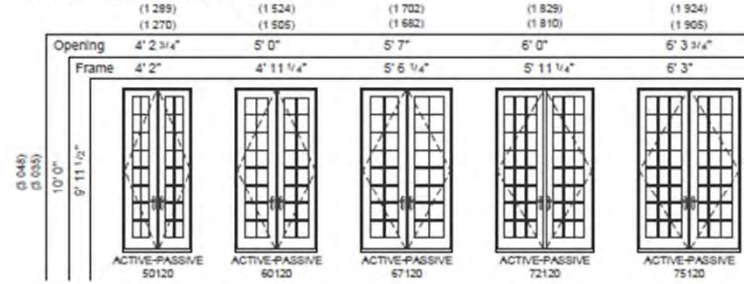


Size Tables

10' 0" Single Doors and Sidelight



10' 0" Double Doors Active-Passive



Not to scale.
Traditional grille patterns shown. Refer to Clad/Wood Overview section for additional patterns and profiles.
All doors and sidelights are glazed with tempered glass.
Left-hand single doors shown, right-hand and fixed also available.

For Wood Units Only:
To determine masonry dimensions when using Pella 1-7/8" brickmould, add 1-5/8" to frame height and 3-7/8" to frame width. When using Pella 2-1/2" brickmould, add 6-3/8" to frame width and 3-1/4" to frame height.



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Wide Stile Transoms for Single Doors

	(664) (645)	(781) (762)	(870) (851)	(933) (914)	(981) (962)
Opening	2' 2 1/4"	2' 5 3/4"	2' 10 1/4"	3' 0 3/4"	3' 2 3/4"
Frame	2' 1 3/4"	2' 6"	2' 9 1/2"	3' 0"	3' 1 7/8"
2614	3014	3414	3614	3814	
2617	3017	3417	3617	3817	
2625	3025	3425	3625	3825	

Standard Stile Transoms for Single Doors

2614	3014	3414	3614	3814
2617	3017	3417	3617	3817
2625	3025	3425	3625	3825

Fixed Frame Direct Sets for Single Doors GBG Only

2614	3014	3414	3614	3814
2617	3017	3417	3617	3817
2625	3025	3425	3625	3825

Wide Stile Transoms for Double-Swing Doors

	(1 289) (1 270)	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)
4' 2 3/4"	5' 0"	5' 7"	6' 0"	
4' 2"	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"	
5014	6014	6714	7214	
5017	6017	6717	7217	
5025	6025	6725	7225	

Standard Stile Transoms for Double Doors

5014	6014	6714	7214
5017	6017	6717	7217
5025	6025	6725	7225

Fixed Frame Direct Sets for Double Doors GBG Only

5014	6014	6714	7214
5017	6017	6717	7217
5025	6025	6725	7225

Not to scale. Tempered glass is standard. Traditional grille patterns shown. Refer to Clad/Wood Overview section for additional patterns and profiles.

For Wood Units Only: To determine masonry dimensions when using Pella 1-7/8" brickmould, add 1-5/8" to frame height and 5-9/16" to frame width. When using Pella 3-1/2" brickmould, add 6-5/8" to frame width and 3-1/4" to frame height.



Special Size Frame Dimensions:

Door Type	Standard Doors				Products with Impact-Resistant Glass			
	Frame Width		Frame Height		Frame Width		Frame Height	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
Transoms	25-3/8" (645)	75" (1 905)	14" (356)	25" (635)	25-3/8" (645)	75" (1 905)	14" (356)	25" (635)
Sidelight (Fixed)	18" (457)	65" (1 651)	36" (914)	119-1/2" (3 035)	12" (305)	42" (1 067)	48" (1 219)	96" (2 438)
Single Doors	18" (457)	48" (1 219)	36" (914)	119-1/2" (3 035)	24" (610)	37-7/8" (962)	76-3/8" (1 940)	119-1/2" (3 035)
Double Doors (AP-PA)	36" (914)	96" (2 438)	36" (914)	119-1/2" (3 035)	48" (1 219)	75" (1 905)	73-3/8" (1 864)	119-1/2" (3 035)
Double Doors (AF-FA)	50" (1 270)	75" (1 905)	79-1/2" (2 019)	119-1/2" (3 035)	48" (1 219)	75" (1 905)	73-3/8" (1 864)	119-1/2" (3 035)

Hinged Door Screen Availability:

Door Type	Frame Width		Frame Height	
	Minimum	Maximum	Minimum	Maximum
Single Door	24" (610)	42" (1 067)	71-1/4" (1 810)	98-1/8" (2 492)
Double Door	48" (1 219)	84" (2 134)	71-1/4" (1 810)	98-1/8" (2 492)

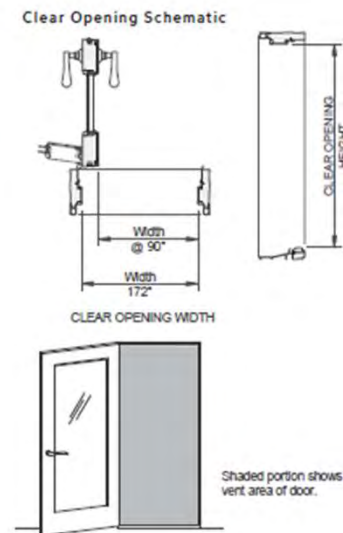
Miscellaneous Formulas

	Visible Glass		Actual Glass	
	Width	Height	Width	Height
Transoms — Fixed Frame Direct Set	FW - 3-1/4"	FH - 3-1/4"	FW - 2"	FH - 2"
Transoms — Fixed Casement	FW - 5-3/4"	FH - 5-3/4"	FW - 4-3/8"	FH - 4-3/8"
Transoms — Wide Stile Casement	FW - 11-5/8"		FW - 10-1/4"	
Sidelights	FW - 6-5/8"		FW - 5-5/8"	
Single Doors	FW - 11-5/8"	FH - 15-3/4"	FW - 10-5/8"	FH - 4-3/8"
Double Doors	FW - 11-5/8"		(FW ÷ 2) - 10-1/4"	

	Clad and Wood	Width	Height
	Clear Opening (@ 90°)	Single Door	FW - 5-5/16"
	Double Doors (Active/Single Panel)	(FW ÷ 2) - 5"	
	Double Doors (Both Panels)	FW - 7-1/2"	
Clear Opening (@ 172°)	Single Door	FW - 3-3/16"	FH - 3-1/16"
	Double Doors (Active/Single Panel)	(FW ÷ 2) - 2-13/16"	
	Double Doors (Both Panels)	FW - 3"	

FW = Frame Width, FH = Frame Height
(1) Available within size range shown.
(2) Rectangular Units Only

Keep frame dimensions to the nearest 1/8" increment. To convert areas to square meters (m²), multiply square feet by 0.0929.



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In-Swing French Design Data											
Unit	Single and Double Doors	Clear Opening (Inches) 1				Vent Area (Standard Sill)	Vent Area (ADA Sill)	Visible Glass Ft²	Standard Glass Thickness (mm) Tempered		Performance Class & Grade 2
		Width (Inches) (172")	Width (Inches) (90")	Standard Sill Unit Height	ADA Sill Unit Height				Dual-Pane Glazing	Triple-Pane Glazing	
2680	F	—	—	—	—	—	—	6.1	3	3	LC55
3080	F	—	—	—	—	—	—	8.1	3	3	LC55
3480	F	—	—	—	—	—	—	9.7	3	3	LC55
3680	F	—	—	—	—	—	—	10.8	3	3	LC55
3880	F	—	—	—	—	—	—	11.6	3	3	LC55
2680	L/R	22-5/16	20-1/16	76-7/16	77-1/2	11.8	12.0	6.1	3	3	LC55
3080	L/R	26-15/16	24-11/16	76-7/16	77-1/2	14.3	14.5	8.1	3	3	LC55
3480	L/R	30-7/16	28-3/16	76-7/16	77-1/2	16.2	16.4	9.7	3	3	LC55
3680	L/R	32-15/16	30-11/16	76-7/16	77-1/2	17.5	17.7	10.8	3	3	LC55
3880	L/R	34-13/16	32-9/16	76-7/16	77-1/2	18.5	18.7	11.6	3	3	LC55
5080	FA/AF	22-5/16	20-1/16	76-7/16	77-1/2	11.8	12.0	12.2	3	3	LC55
6080	FA/AF	26-15/16	24-11/16	76-7/16	77-1/2	14.3	14.5	16.3	3	3	LC55
6780	FA/AF	30-7/16	28-3/16	76-7/16	77-1/2	16.2	16.4	19.4	3	3	LC55
7280	FA/AF	32-15/16	30-11/16	76-7/16	77-1/2	17.5	17.7	21.6	3	3	LC55
7580	FA/AF	34-13/16	32-9/16	76-7/16	77-1/2	18.5	18.7	23.2	3	3	LC55
5080	PA/AP	47/ 22-1/4	42-1/2/ 20	76-7/16	77-1/2	25.0	25.3	12.2	3	3	LC55
6080	PA/AP	56-1/4/ 26-7/8	51-3/4 / 24-5/8	76-7/16	77-1/2	29.9	30.3	16.3	3	3	LC55
6780	PA/AP	63-1/4/ 30-7/8	58-3/4/ 28-5/8	76-7/16	77-1/2	33.6	34.0	19.4	3	3	LC55
7280	PA/AP	68-1/4/ 32-7/8	63-3/4 / 30-5/8	76-7/16	77-1/2	36.2	36.7	21.6	3	3	LC55
7580	PA/AP	72 / 34-3/4	67-1/2 / 32-1/2	76-7/16	77-1/2	38.2	38.8	23.2	3	3	LC55

(-) = Not Applicable
 (1) All dimensions are approximate to the nearest 1/16". The second value, where shown, provides the clear opening for the active panel only.
 (2) Maximum performance when glazed with the appropriate glass thickness. All doors and sidelights are Tempered glass.
 To convert areas to square meters (m²), multiply square feet by 0.0929.

In-Swing French Design Data											
Unit	Single and Double Doors	Clear Opening (Inches) 1				Vent Area (Standard Sill)	Vent Area (ADA Sill)	Visible Glass Ft²	Standard Glass Thickness (mm) Tempered		Performance Class & Grade 2
		Width (Inches) (172")	Width (Inches) (90")	Standard Sill Unit Height	ADA Sill Unit Height				Dual-Pane Glazing	Triple-Pane Glazing	
2682	F	—	—	—	—	—	—	6.3	3	3	LC55
3082	F	—	—	—	—	—	—	8.4	3	3	LC55
3482	F	—	—	—	—	—	—	9.8	3	3	LC55
3682	F	—	—	—	—	—	—	11.1	3	3	LC55
3882	F	—	—	—	—	—	—	12.0	3	3	LC55
2682	L/R	22-5/16	20-1/16	78-7/16	79-1/2	12.2	12.3	6.3	3	3	LC55
3082	L/R	26-15/16	24-11/16	78-7/16	79-1/2	14.7	14.9	8.4	3	3	LC55
3482	L/R	30-7/16	28-3/16	78-7/16	79-1/2	16.6	16.8	9.8	3	3	LC55
3682	L/R	32-15/16	30-11/16	78-7/16	79-1/2	17.9	18.2	11.1	3	3	LC55
3882	L/R	34-13/16	32-9/16	78-7/16	79-1/2	19.0	19.2	12.0	3	3	LC55
5082	FA / AF	22-5/16	20-1/16	78-7/16	79-1/2	12.2	12.3	12.6	3	3	LC55
6082	FA / AF	26-15/16	24-11/16	78-7/16	79-1/2	14.7	14.9	16.8	3	3	LC55
6782	FA / AF	30-7/16	28-3/16	78-7/16	79-1/2	16.6	16.8	19.6	3	3	LC55
7282	FA / AF	32-15/16	30-11/16	78-7/16	79-1/2	17.9	18.2	22.3	3	3	LC55
7582	FA / AF	34-13/16	32-9/16	78-7/16	79-1/2	19.0	19.2	24.0	3	3	LC55
5082	PA/AP	47/ 22-1/4	42-1/2/ 20	78-7/16	79-1/2	25.6	26.0	12.6	3	3	LC55
6082	PA/AP	56-1/4/ 26-7/8	51-3/4 / 24-5/8	78-7/16	79-1/2	30.6	31.1	16.8	3	3	LC55
6782	PA/AP	63-1/4/ 30-7/8	58-3/4/ 28-5/8	78-7/16	79-1/2	34.5	34.9	19.6	3	3	LC55
7282	PA/AP	68-1/4/ 32-7/8	63-3/4 / 30-5/8	78-7/16	79-1/2	37.2	37.7	22.3	3	3	LC55
7582	PA/AP	72 / 34-3/4	67-1/2 / 32-1/2	78-7/16	79-1/2	39.2	39.8	24.0	3	3	LC55
2686	F	—	—	—	—	—	—	6.7	3	3	LC55
3086	F	—	—	—	—	—	—	9.0	3	3	LC55
3486	F	—	—	—	—	—	—	10.7	3	3	LC55
3686	F	—	—	—	—	—	—	11.9	3	3	LC55
3886	F	—	—	—	—	—	—	12.8	3	3	LC55
2686	L/R	22-5/16	20-1/16	82-15/16	84	12.9	13.0	6.7	3	3	LC55
3086	L/R	26-15/16	24-11/16	82-15/16	84	15.5	15.7	9.0	3	3	LC55
3486	L/R	30-7/16	28-3/16	82-15/16	84	17.5	17.8	10.7	3	3	LC55
3686	L/R	32-15/16	30-11/16	82-15/16	84	19.0	19.2	11.9	3	3	LC55
3886	L/R	34-13/16	32-9/16	82-15/16	84	20.1	20.3	12.8	3	3	LC55
5086	FA / AF	22-5/16	20-1/16	82-15/16	84	12.9	13.0	13.4	3	3	LC55
6086	FA / AF	26-15/16	24-11/16	82-15/16	84	15.5	15.7	17.9	3	3	LC55
6786	FA / AF	30-7/16	28-3/16	82-15/16	84	17.5	17.8	21.3	3	3	LC55
7286	FA / AF	32-15/16	30-11/16	82-15/16	84	19.0	19.2	23.8	3	3	LC55
7586	FA / AF	34-13/16	32-9/16	82-15/16	84	20.1	20.3	25.6	3	3	LC55
5086	PA/AP	47/ 22-1/4	42-1/2/ 20	82-15/16	84	27.1	27.4	13.4	3	3	LC55
6086	PA/AP	56-1/4/ 26-7/8	51-3/4 / 24-5/8	82-15/16	84	32.4	32.8	17.9	3	3	LC55
6786	PA/AP	63-1/4/ 30-7/8	58-3/4/ 28-5/8	82-15/16	84	36.4	36.9	21.3	3	3	LC55
7286	PA/AP	68-1/4/ 32-7/8	63-3/4 / 30-5/8	82-15/16	84	39.3	39.8	23.8	3	3	LC55
7586	PA/AP	72 / 34-3/4	67-1/2 / 32-1/2	82-15/16	84	41.5	42.0	25.6	3	3	LC55

(-) = Not Applicable
 (1) All dimensions are approximate to the nearest 1/16". The second value, where shown, provides the clear opening for the active panel only.
 (2) Maximum performance when glazed with the appropriate glass thickness. All doors and sidelights are Tempered glass.
 To convert areas to square meters (m²), multiply square feet by 0.0929.



Docket No. 5-44-24 (17401 Edgewater)

Residential Roof Addition - Fort



In-Swing French Design Data											
Unit	Single and Double Doors	Clear Opening (Inches) 1				Vent Area (Standard Sill)	Vent Area (ADA Sill)	Visible Glass Ft²	Standard Glass Thickness (mm) Tempered		Performance Class & Grade 2
		Width (Inches) (172")	Width (Inches) (90")	Standard Sill Unit Height	ADA Sill Unit Height				Dual-Pane Glazing	Triple-Pane Glazing	
2696	F	--	--	--	--	--	7.6	3	3	LC55	
3096	F	--	--	--	--	--	10.2	3	3	LC55	
3496	F	--	--	--	--	--	12.1	3	3	LC55	
3696	F	--	--	--	--	--	13.5	3	3	LC55	
3896	F	--	--	--	--	--	14.5	3	3	LC55	
2696	L/R	22-5/16	20-1/16	92-7/16	93-1/2	14.3	14.5	7.6	3	LC55	
3096	L/R	26-15/16	24-11/16	92-7/16	93-1/2	17.3	17.5	10.2	3	LC55	
3496	L/R	30-7/16	28-3/16	92-7/16	93-1/2	19.5	19.8	12.1	3	LC55	
3696	L/R	32-15/16	30-11/16	92-7/16	93-1/2	21.1	21.4	13.5	3	LC55	
3896	L/R	34-13/16	32-9/16	92-7/16	93-1/2	22.4	22.6	14.5	3	LC55	
5096	FA / AF	22-5/16	20-1/16	92-7/16	93-1/2	14.3	14.5	15.2	3	LC55	
6096	FA / AF	26-15/16	24-11/16	92-7/16	93-1/2	17.3	17.5	20.4	3	LC55	
6796	FA / AF	30-7/16	28-3/16	92-7/16	93-1/2	19.5	19.8	24.2	3	LC55	
7296	FA / AF	32-15/16	30-11/16	92-7/16	93-1/2	21.1	21.4	27.0	3	LC55	
7596	FA / AF	34-13/16	32-9/16	92-7/16	93-1/2	22.4	22.6	29.1	3	LC55	
5096	PA / AP	47-22-1/4	42-11/2 / 20	92-7/16	93-1/2	30.2	30.5	15.2	3	LC55	
6096	PA / AP	56-1/4 / 26-7/8	51-3/4 / 24-5/8	92-7/16	93-1/2	36.1	36.5	20.4	3	LC55	
6796	PA / AP	63-1/4 / 30-7/8	58-3/4 / 28-5/8	92-7/16	93-1/2	40.6	41.1	24.2	3	LC55	
7296	PA / AP	68-1/4 / 32-7/8	63-3/4 / 30-5/8	92-7/16	93-1/2	43.8	44.3	27.0	3	LC55	
7596	PA / AP	72 / 34-3/4	67-1/2 / 32-1/2	92-7/16	93-1/2	46.2	46.8	29.1	3	LC55	
26120	F	--	--	--	--	--	9.9	5	--	LC55	
30120	F	--	--	--	--	--	13.2	5	--	LC55	
34120	F	--	--	--	--	--	15.8	5	--	LC55	
36120	F	--	--	--	--	--	17.6	5	--	LC55	
38120	F	--	--	--	--	--	18.9	5	--	LC55	
26120	L/R	22-5/16	20-1/16	116-7/16	117-1/2	18.0	18.2	9.9	5	LC40	
30120	L/R	26-15/16	24-11/16	116-7/16	117-1/2	21.8	22.0	13.2	5	LC40	
34120	L/R	30-7/16	28-3/16	116-7/16	117-1/2	24.6	24.8	15.8	5	LC40	
36120	L/R	32-15/16	30-11/16	116-7/16	117-1/2	26.6	26.9	17.6	5	LC40	
38120	L/R	34-13/16	32-9/16	116-7/16	117-1/2	28.2	28.4	18.9	5	LC40	
50120	PA/AP	47-22-1/4	42-11/2 / 20	116-7/16	117-1/2	38.0	38.4	19.8	5	LC40	
60120	PA/AP	56-1/4 / 26-7/8	51-3/4 / 24-5/8	116-7/16	117-1/2	45.5	45.9	26.5	5	LC40	
67120	PA/AP	63-1/4 / 30-7/8	58-3/4 / 28-5/8	116-7/16	117-1/2	51.1	51.6	31.5	5	LC40	
72120	PA/AP	68-1/4 / 32-7/8	63-3/4 / 30-5/8	116-7/16	117-1/2	55.2	55.7	35.1	5	LC40	
75120	PA/AP	72 / 34-3/4	67-1/2 / 32-1/2	116-7/16	117-1/2	58.2	58.8	37.8	5	LC40	

Sidelights				
Unit	Visible Glass Ft²	Standard Glass Thickness (mm) Tempered		Performance Class & Grade
		Dual-Pane Glazing	Triple-Pane Glazing	
1880	5	3	3	LC55
1881	5.1	3	3	LC55
1882	5.2	3	3	LC55
1886	5.5	3	3	LC55
1896	6.3	3	3	LC55

(-) = Not Applicable
 (1) All dimensions are approximate to the nearest 1/16". The second value, where shown, provides the clear opening for the active panel only.
 (2) Maximum performance when glazed with the appropriate glass thickness. All doors and sidelights are tempered glass.
 To convert areas to square meters (m²), multiply square feet by 0.0929.

Transoms						
Unit	Visible Glass Ft²	Standard Glass Thickness (mm)			Performance Class & Grade 2	
		Dual-Pane Glazing		Triple-Pane Glazing		
		Annealed	Tempered	Annealed or Tempered		
2614	1.7	3	3	3	CW50	
2617	2.1	3	3	3	CW50	
2625	3.3	3	3	3	CW50	
3014	2.0	3	3	3	CW50	
3017	2.6	3	3	3	CW50	
3025	4.0	3	3	3	CW50	
3414	2.3	3	3	3	CW50	
3417	2.9	3	3	3	CW50	
3425	4.6	3	3	3	CW50	
3614	2.4	3	3	3	CW50	
3617	3.1	3	3	3	CW50	
3625	4.9	3	3	3	CW50	
3814	2.6	3	3	3	CW50	
3817	3.3	3	3	3	CW50	
3825	5.2	3	3	3	CW50	
5014	3.5	3	3	3	CW50	
5017	4.5	3	3	3	CW50	
5025	7.1	3	3	3	CW50	
6014	4.2	3	3	3	CW50	
6017	5.3	3	3	3	CW50	
6025	8.5	3	3	3	CW50	
6714	4.7	3	3	3	CW40	
6717	6.0	3	3	3	CW40	
6725	9.5	3	3	3	CW40	
7214T	5.1	--	3	3	CW40	
7217	6.5	3	3	3	CW40	
7225	10.3	3	3	3	CW40	
7514T	5.4	--	3	3	CW40	
7517T	6.8	--	3	3	CW40	
7525	10.8	3	3	3	CW40	
2614	1.1	2.5	3	3	CW50	
2617	1.5	2.5	3	3	CW50	
2625	2.6	2.5	3	3	CW50	
3014	1.4	2.5	3	3	CW50	
3017	1.9	2.5	3	3	CW50	
3025	3.2	2.5	3	3	CW50	
3414	1.6	2.5	3	3	CW50	
3417	2.2	2.5	3	3	CW50	
3425	3.7	2.5	3	3	CW50	
3614	1.7	2.5	3	3	CW50	
3617	2.4	2.5	3	3	CW50	
3625	4.0	2.5	3	3	CW50	
3814	1.8	2.5	3	3	CW50	
3817	2.5	2.5	3	3	CW50	
3825	4.3	2.5	3	3	CW50	
5014	2.5	2.5	3	3	CW50	
5017	3.5	2.5	3	3	CW50	
5025	5.9	2.5	3	3	CW50	
6014T	3.1	--	3	3	CW50	
6017	4.2	2.5	3	3	CW50	
6025	7.2	2.5	3	3	CW45/CW50	
6714T	3.5	--	3	3	R15t	
6717	4.7	2.5	3	3	R15t	
6725	8.1	2.5	3	3	R15t	
7214T	3.8	--	3	3	R15t	
7217T	5.1	--	3	3	R15t	
7225	8.8	2.5	3	3	R15t	
7514T	4.0	--	3	3	R15t	
7517T	5.4	--	3	3	R15t	
7525	9.3	2.5	3	3	R15t	

(-) = Not Applicable
 T = Tempered required due to aspect ratio.
 (1) Units are not AAMA/WDMA performance certified. Units are engineered to meet the performance class and grade shown.
 (2) Maximum performance when glazed with the appropriate glass thickness.



Docket No. 5-44-24 (17401 Edgewater)

Residential Roof Addition - Fort



Frame

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
Interior exposed surfaces are [clear pine] [mahogany] [douglas fir], edge-banded and veneered. Any curved member may have visible finger-jointed surfaces.
Exterior surfaces are clad with aluminum at the head and jambs.
Components are assembled with screws, staples and concealed corner locks.
Frame depth between 5-7/8" (143mm) to 8-5/8" (213mm), for wall depth between 4-9/16" (116mm) to 7-5/16" (185mm).
Optional factory-applied EnduraClad® exterior trim.
Solid extruded aluminum sill with [Mill] [Nickel] [Bronze] [Black] [anodized to match anodized cladding] finish, [Mahogany threshold for mahogany door] [Oak] [composite black] threshold for [pine] [douglas fir] door.
Sill is 1/2" low profile. Material and finish are extruded aluminum with [mill] [Bronze] [anodized to match anodized cladding] finish.

Door panels

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
Interior exposed surfaces are veneered with [clear pine] [mahogany] [douglas fir]. Any curved member may have visible finger-jointed surfaces.
Exterior surfaces are clad with extruded aluminum.
Panel hinge styles and rails are three-ply construction, randomly finger-jointed blocks laminated with water-resistant glue and veneered on both sides.
Panel lock styles are constructed with LVL core with finger-jointed edge bands on both sides and veneered on both faces.
Corners are urethane-silicone hybrid-sealed and secured with metal fasteners.
Panel thickness is 2-1/16" (52mm).
Panel exterior profile is [ogee] [putty glaze], interior profile is ogee.

Weatherstripping

- Dual-diameter extruded polymer along perimeter of door frame. On bottom panels, dual-diameter extruded polymer interior air seal and rigid polymer exterior facing bristle-strip.

Glazing System

- Quality fully-tempered float glass complying with ASTM C 1048.
Custom and high altitude glazing available.
Silicone-glazed, 13/16" double-pane, dual-seal, insulating glass
Clear with air.
Advanced Low-E with argon.
SunDefense® SunDefense+ NaturalSun Low-E with argon.
Bronze Gray Green Advanced Low-E with argon.
Silicone-glazed, 13/16" double-pane, dual-seal, laminated, insulating glass
Clear with air.
Advanced SunDefense® Low-E with argon.
Bronze Gray Green Advanced Low-E with argon.
Silicone-glazed, 1" triple-pane, dual-seal, insulating glass
Obscure Low-E with argon.
Advanced SunDefense® Low-E with argon.
NaturalSun Low-E with argon.
Silicone-glazed, 7/8" double-pane, dual-seal, impact-resistant, laminated, insulating glass
Clear with air.
Bronze Gray Green with air.
Advanced Low-E SunDefense® Low-E with argon.

Exterior

- Aluminum-clad exteriors shall be finished with EnduraClad® protective finish, in a multi-step, baked-on finish.
Color is [Standard] [feature] [custom].
Aluminum-clad exteriors shall be finished with EnduraClad Plus protective finish with 70% fluoropolymer resin in a multi-step, baked-on finish.
Color is [Standard] [feature] [custom].

Interior

- Unfinished, ready for site finishing [factory primed with one coat acrylic latex] [factory prefinished [paint] [stain]].

(1) Contact your local Pella sales representative for current color options.

(2) Available in clear or Low-E insulating glass with argon, and obscure insulated glass.

(3) Tan, Brown or Putty Interior GeG colors are available in single-tone (Brown/Brown, Tan/Tan or Putty/Putty). Other interior colors are also available with Tan or Brown exterior.

(4) Appearance of exterior grille color will vary depending on Low-E coating on glass.



Frame

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
Interior surfaces are [clear pine] [factory primed] [ready to stain] [mahogany: [factory primed] [ready to stain]] edge-banded and veneered.
Exterior surfaces are [pine: factory primed] [mahogany: [factory primed] [ready to stain]].
Any exterior or curved member may have visible finger-jointed surfaces.
Frame depth between 5-7/8" (143 mm) to 8-9/16" (217 mm), for a wall depth between 4-9/16" (116 mm) to 7-5/16" (184 mm).
Solid extruded aluminum sill with [Mill] [Nickel] [Bronze] [Black] [anodized [Clear] [Light Bronze] [Dark Bronze] [Black] [Customs]] finish, [Mahogany threshold for mahogany door] [Oak] [composite black] threshold for [pine] [douglas fir] door.
Sill is 1/2" low profile. Material and finish are extruded aluminum with [mill] [Bronze] [anodized [Clear] [Light Bronze] [Dark Bronze] [Black] [Customs]] finish.

Door panels

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
Interior exposed surfaces are veneered with [clear pine] [mahogany]. Any curved member may have visible finger-jointed surfaces.
Exterior surfaces are [wood composite: factory primed] [mahogany: [factory primed] [ready to stain]].
Panel styles and rails are five-ply construction, randomly finger-jointed blocks laminated with water-resistant glue and veneered on both sides.
Corners are urethane-silicone hybrid-sealed and secured with metal fasteners.
Panel thickness is 2-1/16" (52mm).

Weatherstripping

- Dual-diameter extruded polymer along perimeter of door frame. On bottom panels, dual-diameter extruded polymer interior air seal and rigid polymer exterior facing bristle-strip.

Glazing System

- Quality fully-tempered float glass complying with ASTM C 1048.
Custom and high altitude glazing available.
Silicone-glazed, 13/16" double-pane, dual-seal, insulating glass
Clear with air.
Advanced Low-E with argon.
SunDefense® SunDefense+ NaturalSun Low-E with argon.
Bronze Gray Green Advanced Low-E with argon.
Silicone-glazed, 13/16" double-pane, dual-seal, laminated, insulating glass
Clear with air.
Advanced SunDefense® Low-E with argon.
Bronze Gray Green Advanced Low-E with argon.
Silicone-glazed, 1" triple-pane, dual-seal, insulating glass
Obscure Low-E with argon.
Advanced SunDefense® Low-E with argon.
NaturalSun Low-E with argon.

Exterior

- Wood composite: factory primed with one coat acrylic latex [mahogany [factory primed with one coat acrylic latex] [unfinished, ready for site finishing]].

Interior

- Unfinished, ready for site finishing [factory primed with one coat acrylic latex] [factory prefinished [paint] [stain]].

(1) Available in clear or Low-E insulating glass with argon, and obscure insulated glass.

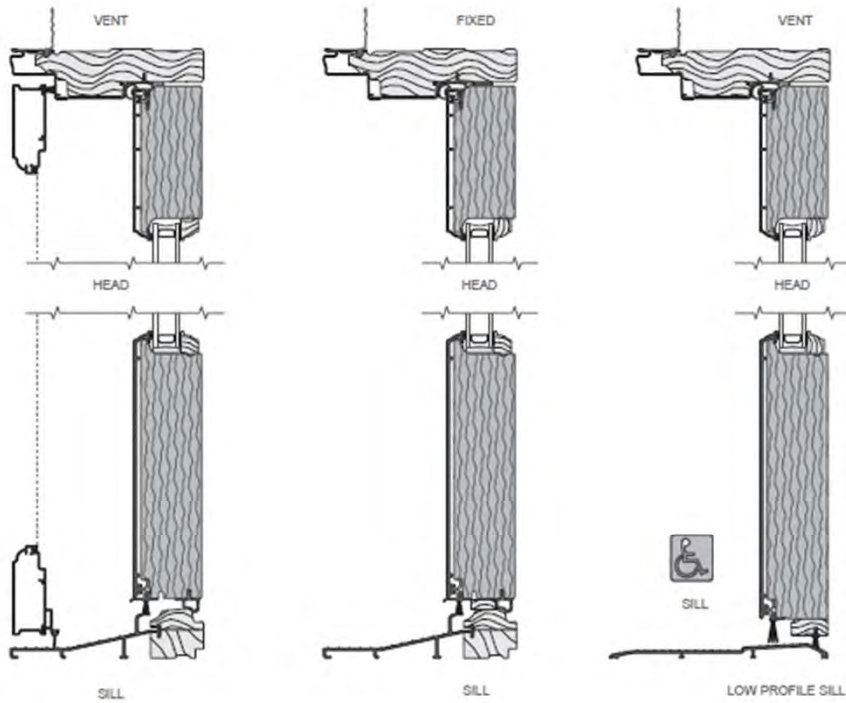
(2) Tan, Brown and Putty Interior GeG colors are available in single-tone (Brown/Brown, Tan/Tan or Putty/Putty). Other interior colors are also available with Tan or Brown exterior.

(3) Contact your local Pella sales representative for current color options.

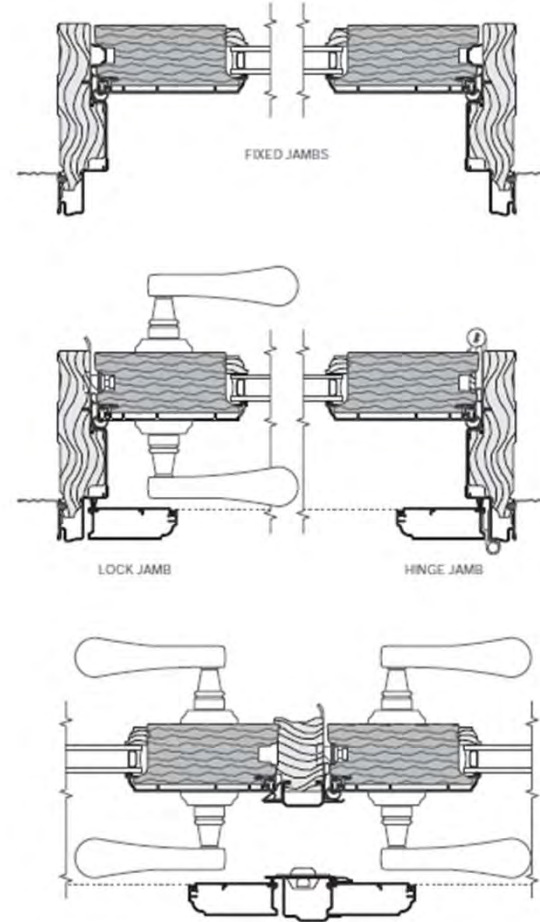
(4) Appearance of exterior grille color will vary depending on Low-E coating on glass.



Docket No. 5-44-24 (17401 Edgewater) Residential Roof Addition - Fort



Scale 3" = 1' 0"
All dimensions are approximate.
Water resistance is 0 pcf for doors with low profile sill.

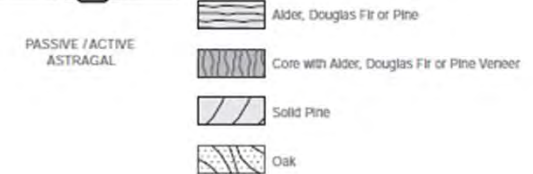
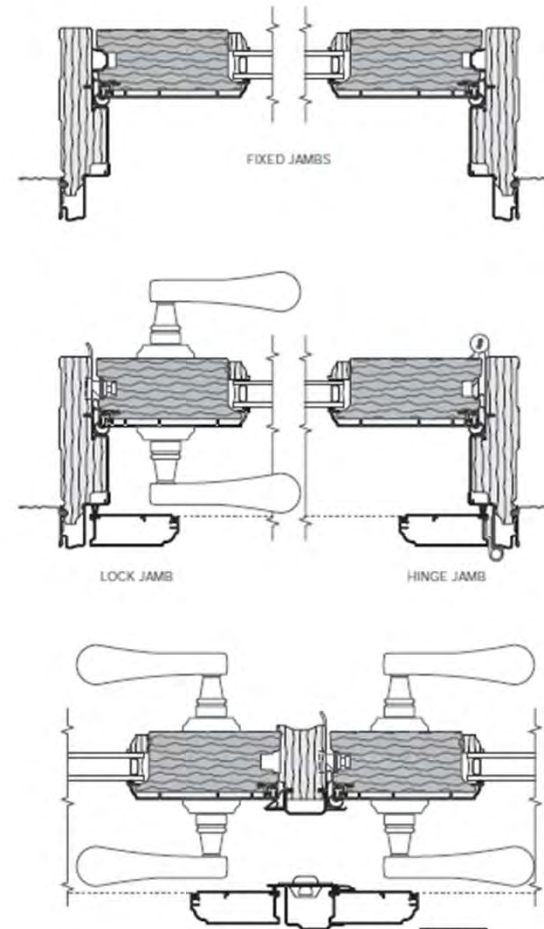
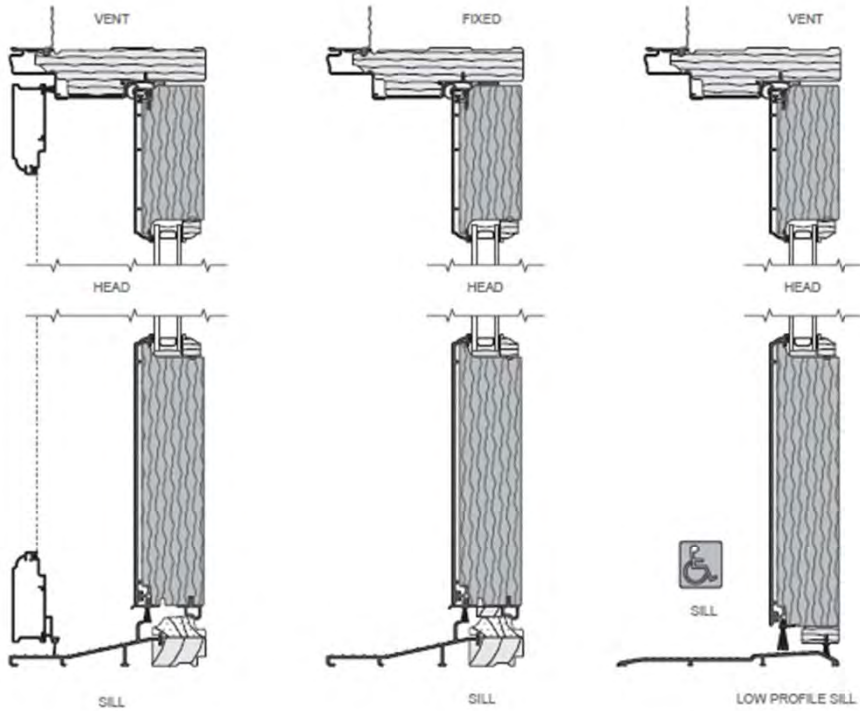


Scale 3" = 1' 0"
All dimensions are approximate.



Docket No. 5-44-24 (17401 Edgewater)

Residential Roof Addition - Fort



Scale 3" = 1' 0"
All dimensions are approximate.

Scale 3" = 1' 0"
All dimensions are approximate.



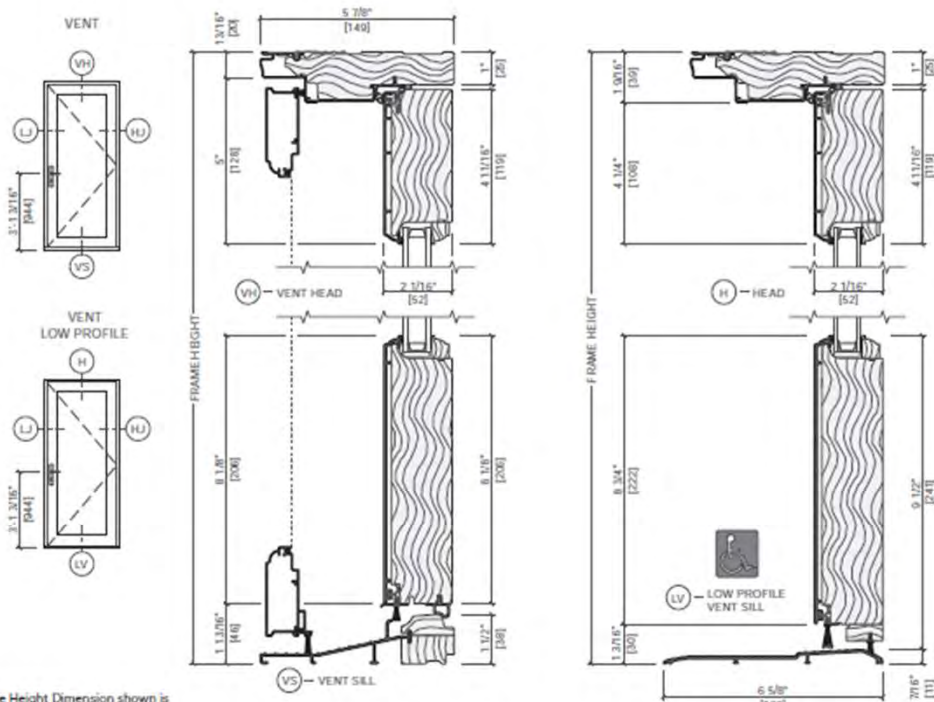
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Residential Roof Addition - Fort

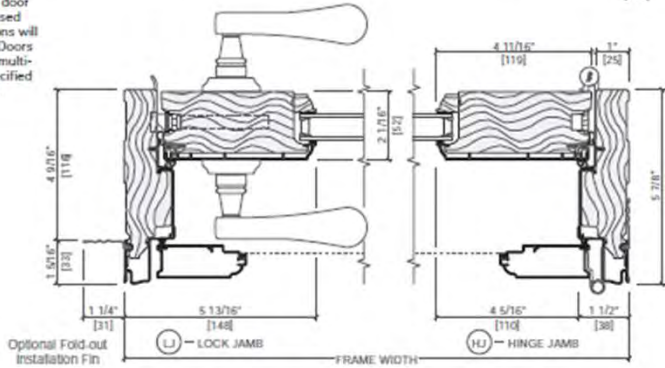


Pella® Reserve™ Traditional In-Swing Patio Door

Unit Sections – Aluminum-Clad Exterior, Ogee Exterior Profile



Handle Height Dimension shown is from bottom of unit frame to door handle. Installation method used and finished flooring conditions will cause handle height to vary. Doors not using the standard Pella multi-point lock and hardware (specified as 'No lock/No Roto') are not Hallmark certified.

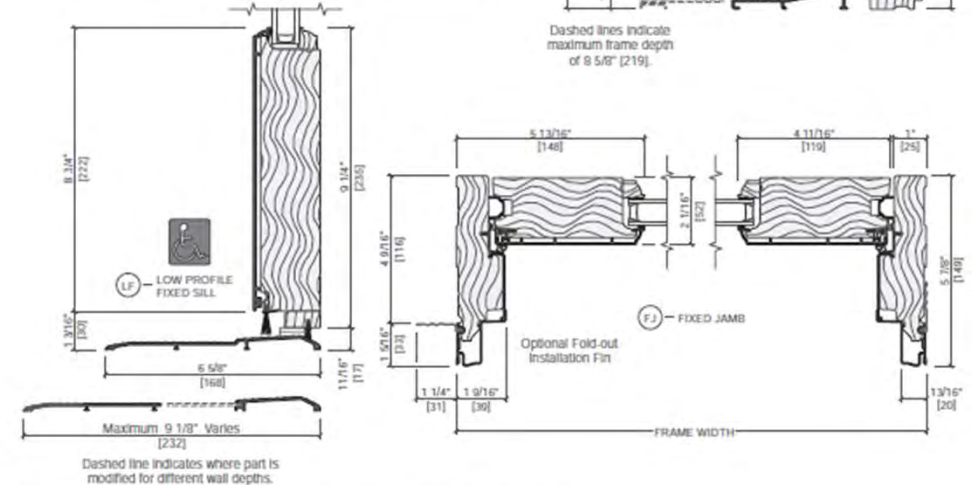
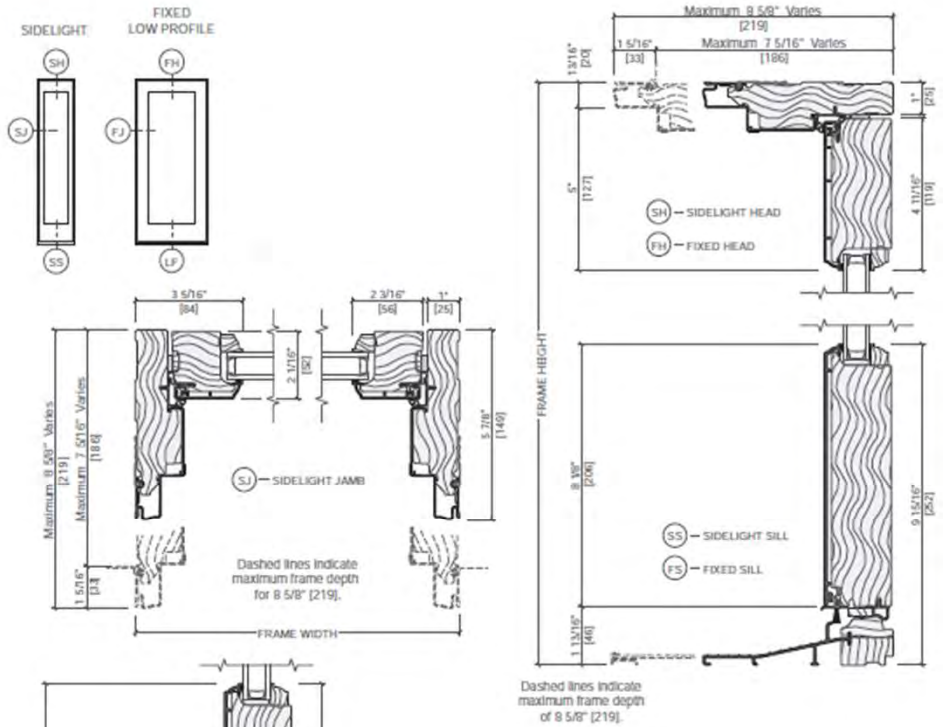


Scale 3" = 1' 0"
All dimensions are approximate.
Water resistance is 0 psf for doors with low profile sill



Pella® Reserve™ Traditional In-Swing Patio Door

Unit Sections – Aluminum-Clad Exterior, Ogee Exterior Profile



Scale 3" = 1' 0"
All dimensions are approximate.

Water resistance is 0 psf for doors with low profile sill.

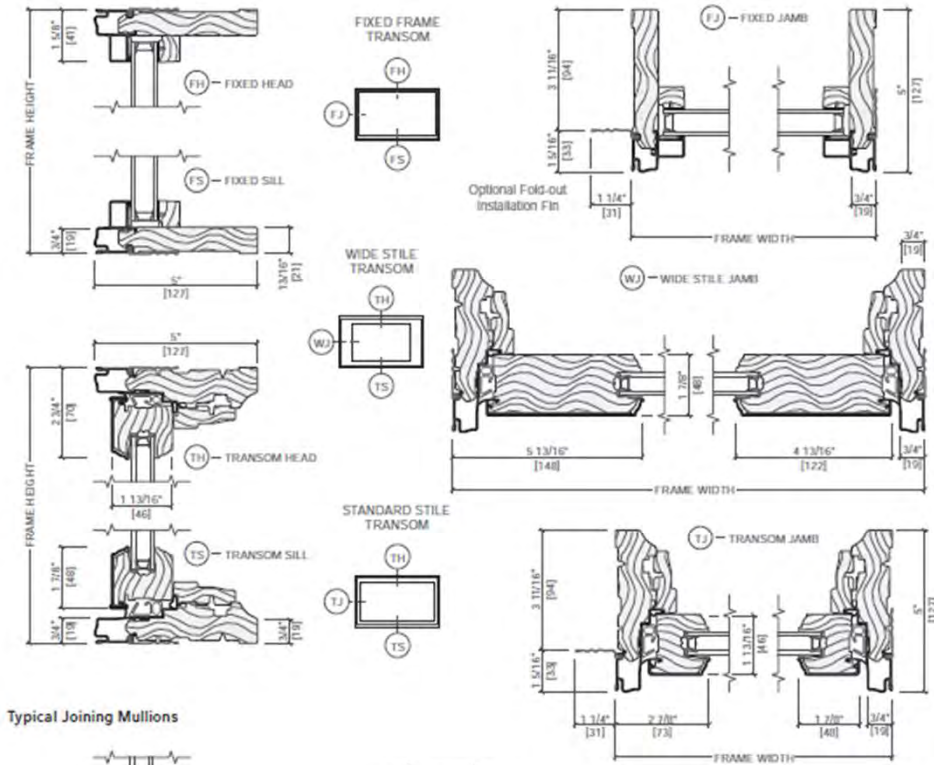


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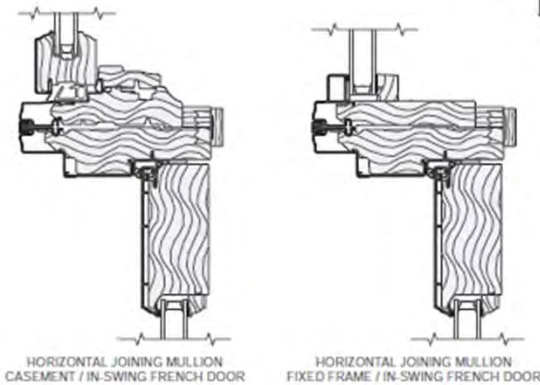


Pella® Reserve™ Traditional In-Swing Patio Door

Unit Sections – Aluminum-Clad Exterior, Ogee Exterior Profile



Typical Joining Mullions



Scale 3" = 1' 0"
All dimensions are approximate.
rev. 10/16/21

See www.Pella.com for mullion limitations and reinforcing requirements.

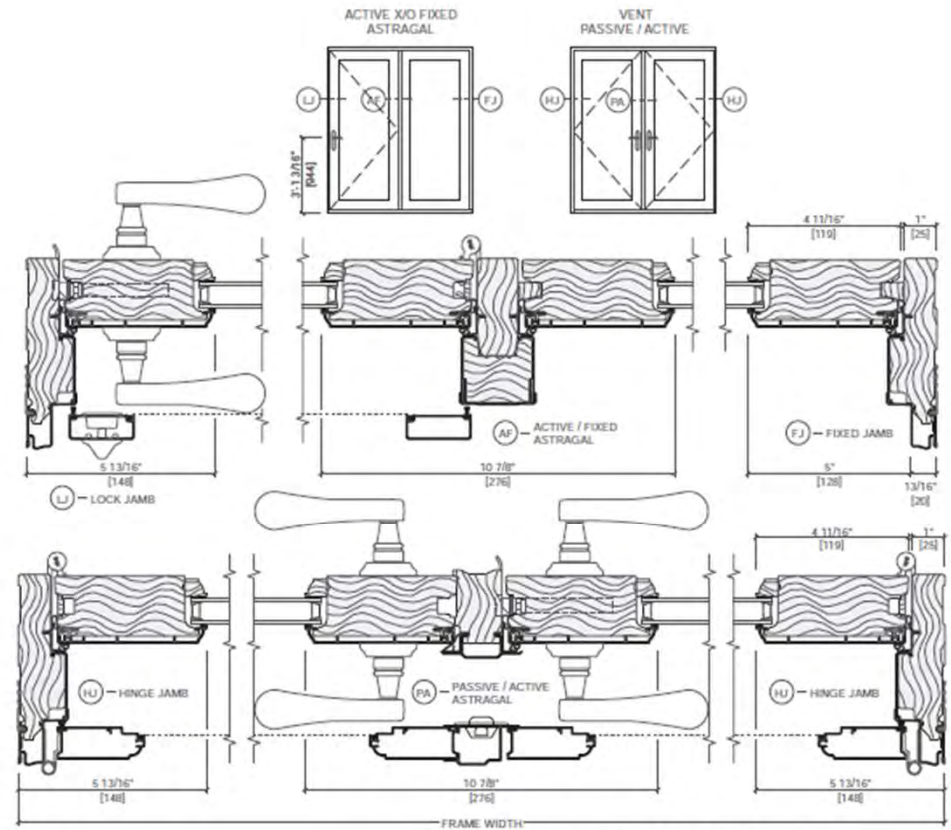
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ISD-34

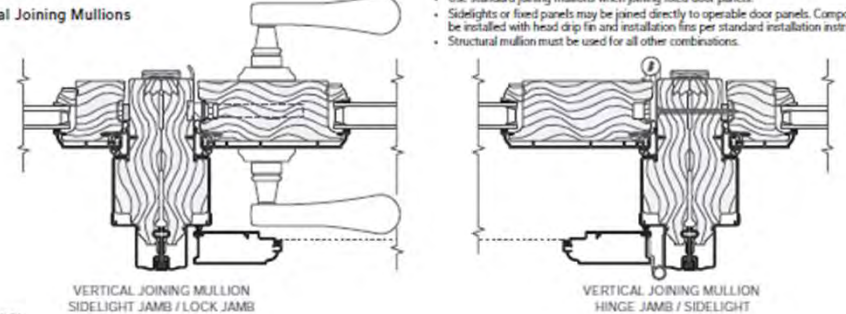


Pella® Reserve™ Traditional In-Swing Patio Door

Unit Sections – Aluminum-Clad Exterior, Ogee Exterior Profile



Typical Joining Mullions



Scale 3" = 1' 0"
All dimensions are approximate.
rev. 8/30/21

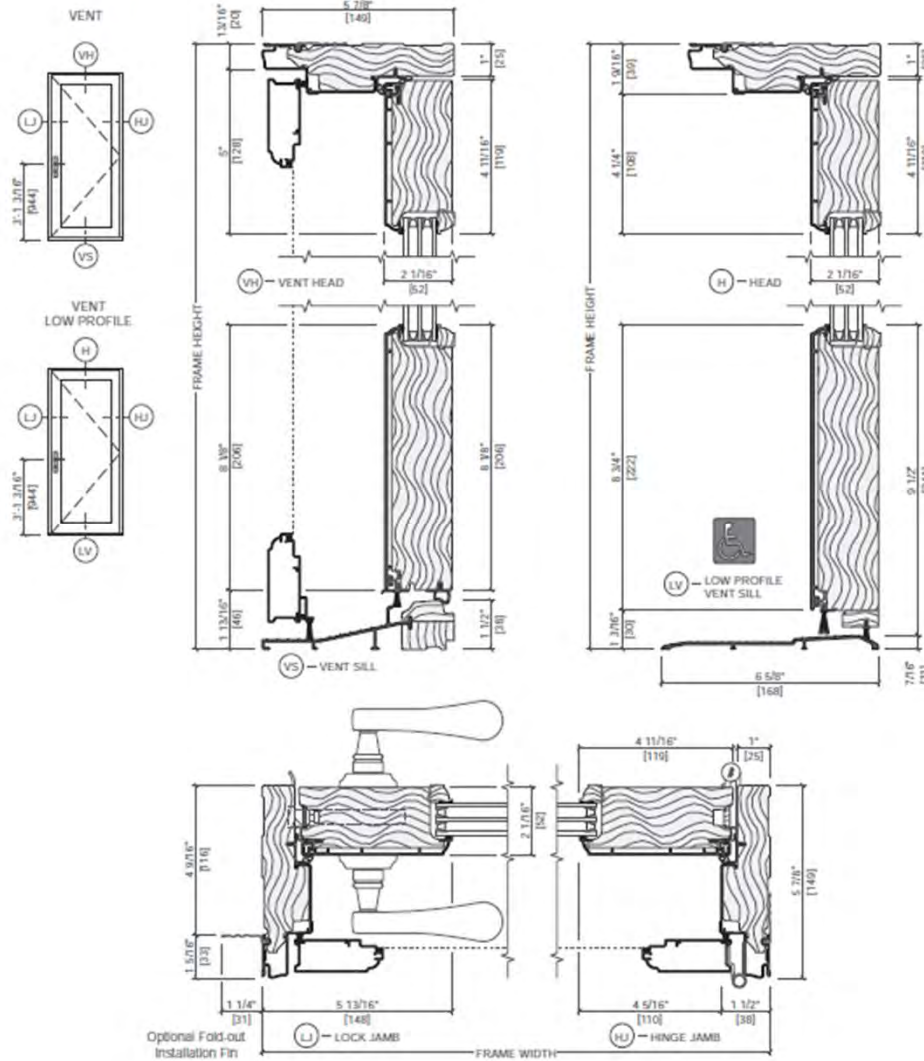
- Use standard joining mullions when joining fixed door panels.
- Sidelights or fixed panels may be joined directly to operable door panels. Composite must be installed with head drip fin and installation fins per standard installation instructions.
- Structural mullion must be used for all other combinations.

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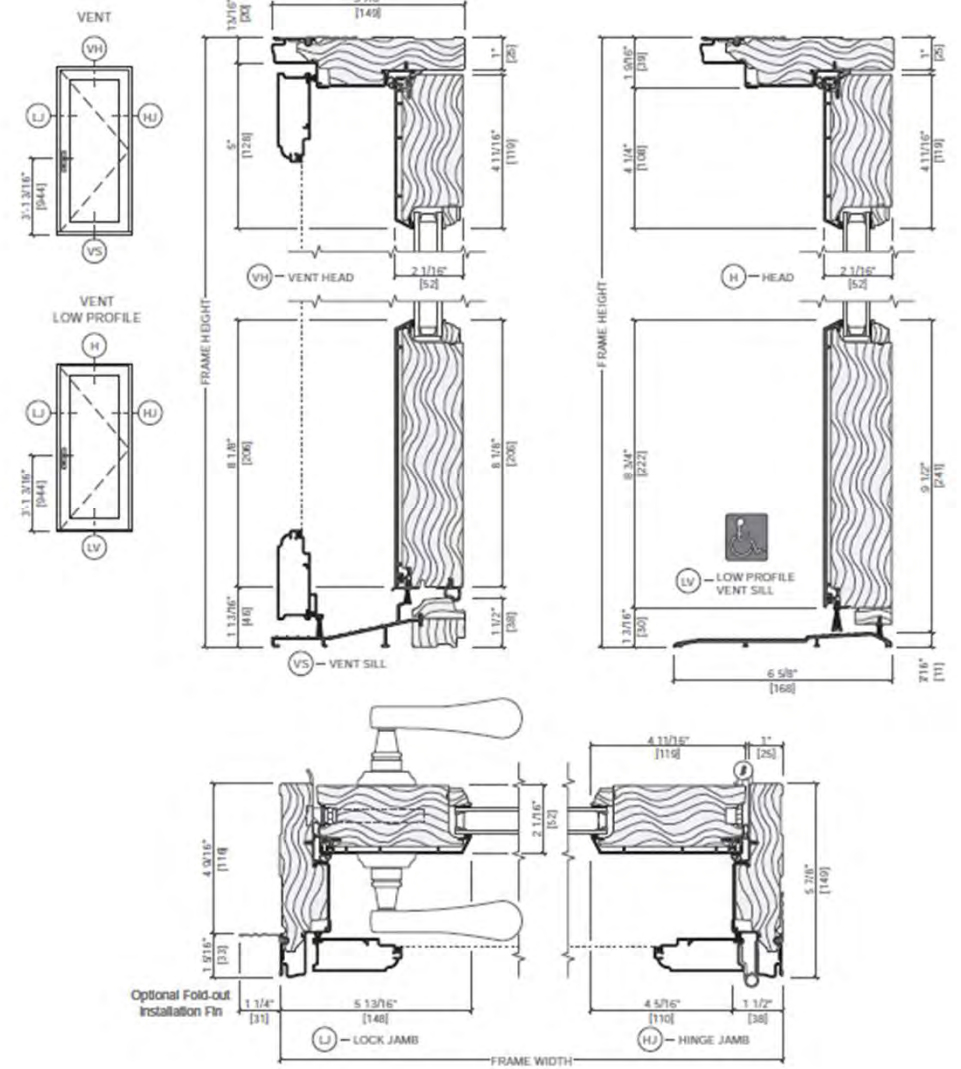
ISD-35



Docket No. 5-44-24 (17401 Edgewater) Residential Roof Addition - Fort



Scale 3" = 1' 0"
All dimensions are approximate.
Water resistance is 0 paf for doors with low profile sill
rev. 10/20/21

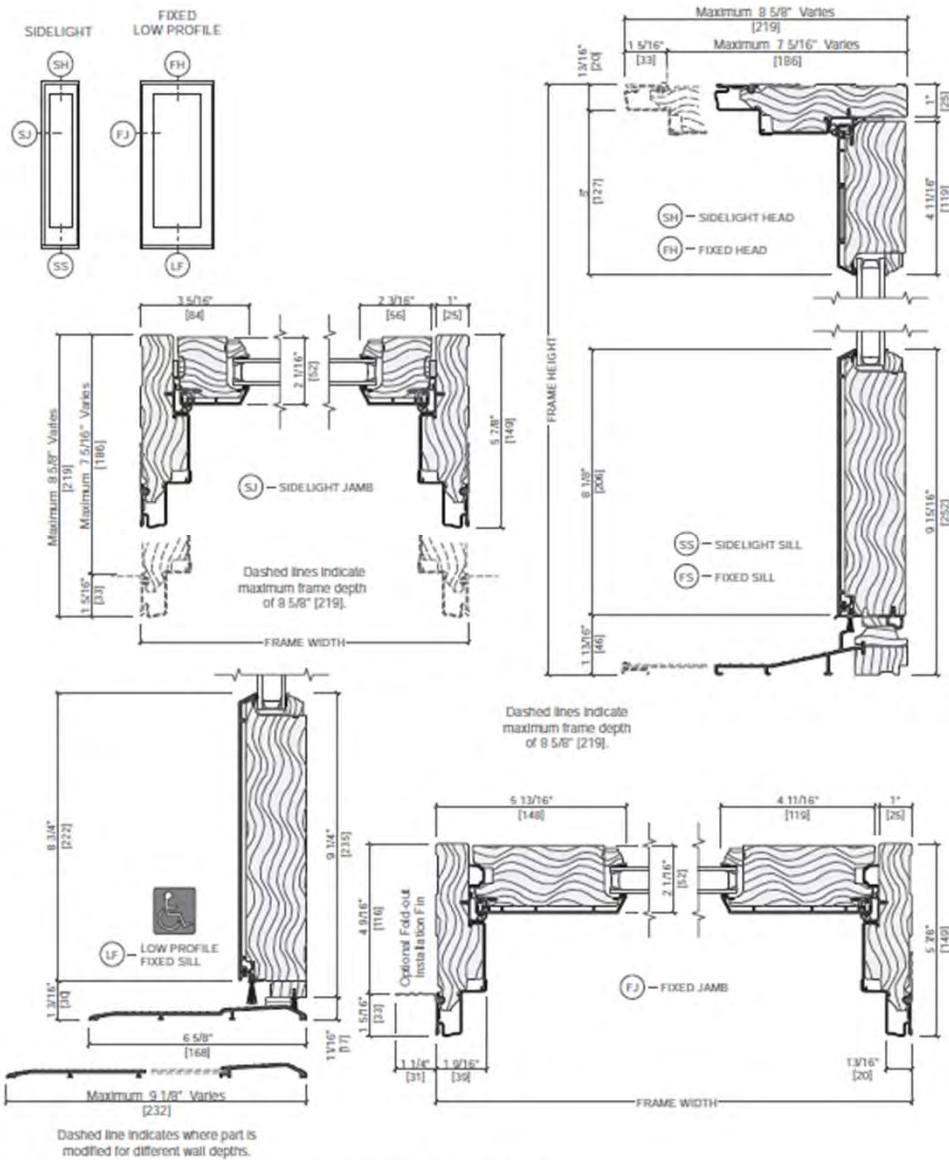


Scale 3" = 1' 0"
All dimensions are approximate.
Water resistance is 0 paf for doors with low profile sill
rev. a/30/21



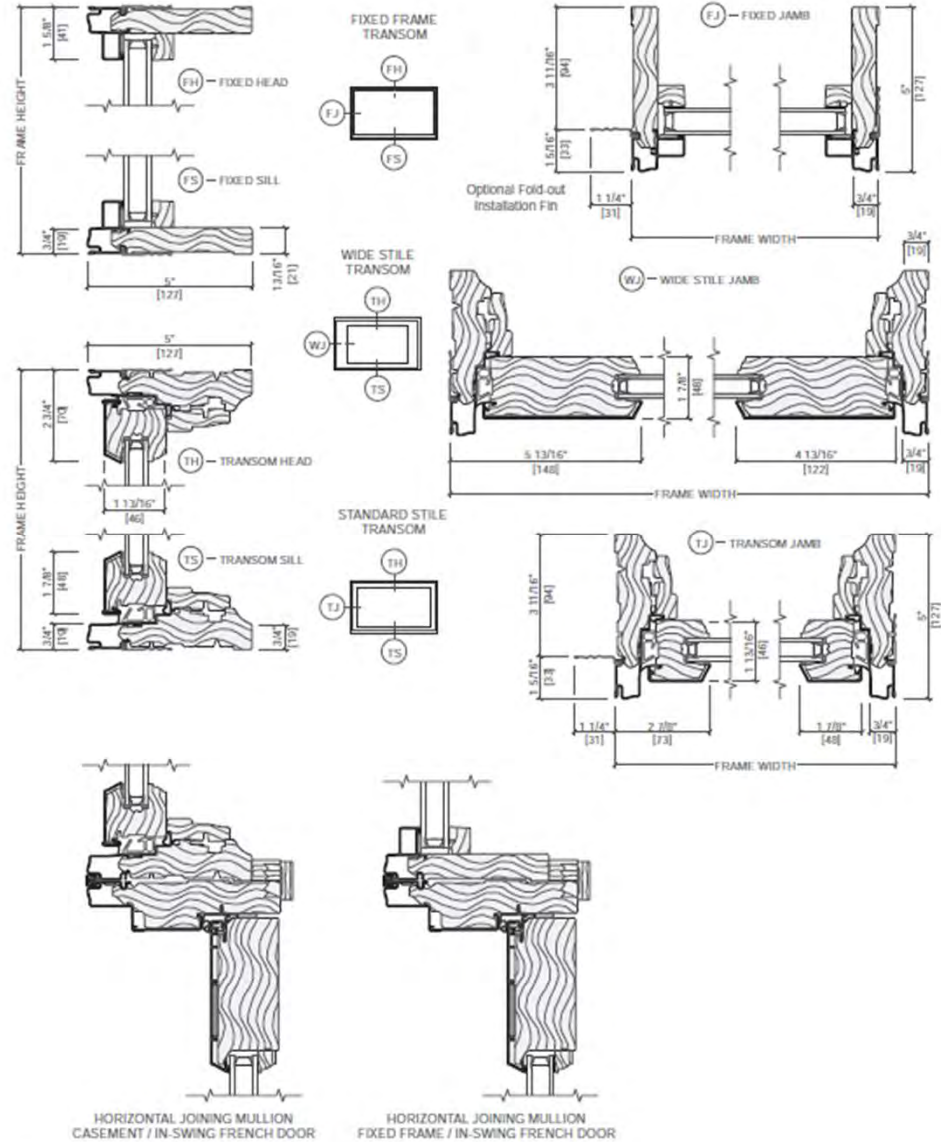
Docket No. 5-44-24 (17401 Edgewater)

Residential Roof Addition - Fort



Scale 3" = 1' 0"
 All dimensions are approximate.
 rev. 1/16/23

Water resistance is 0 psf for doors with low profile sill.



Scale 3" = 1' 0"
 All dimensions are approximate.
 rev. 10/16/21



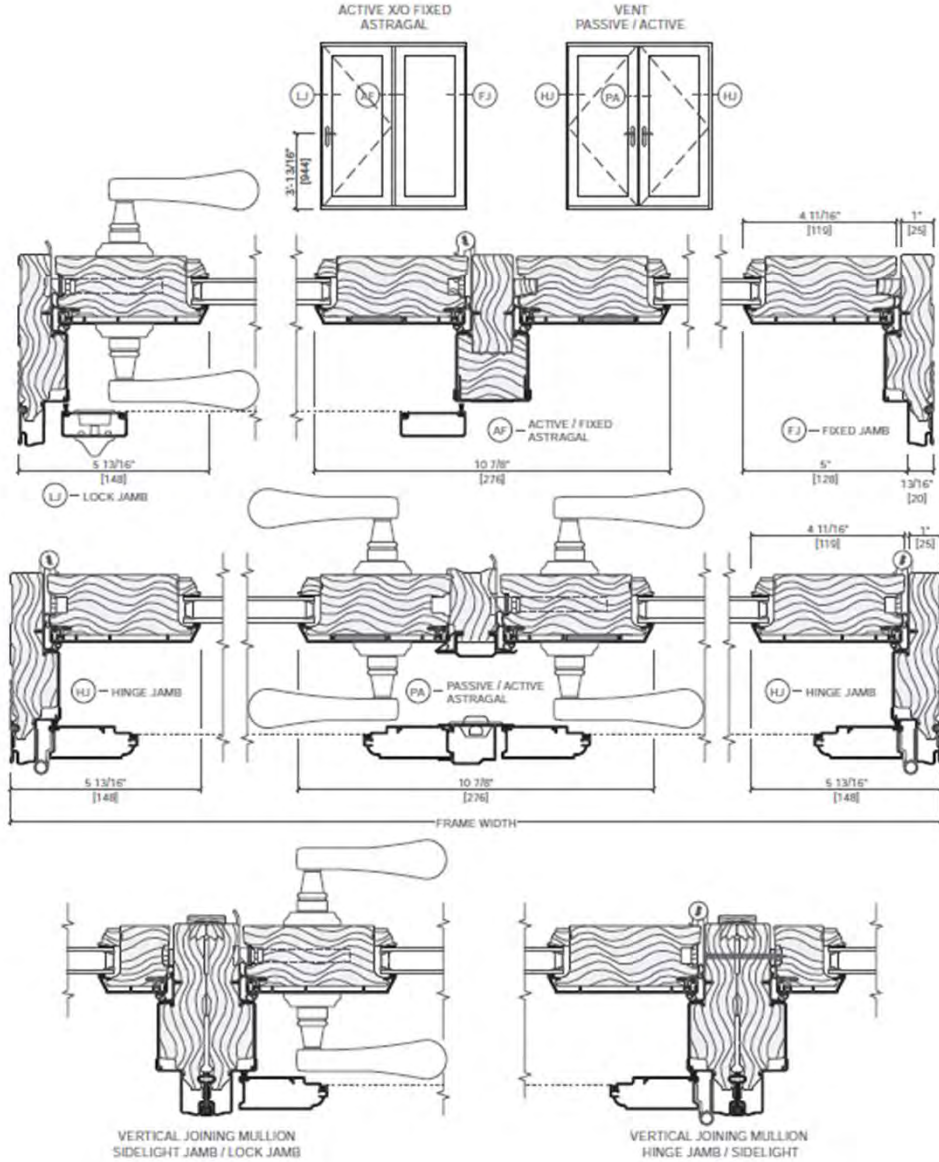
Docket No. 5-44-24 (17401 Edgewater)

Residential Roof Addition - Fort



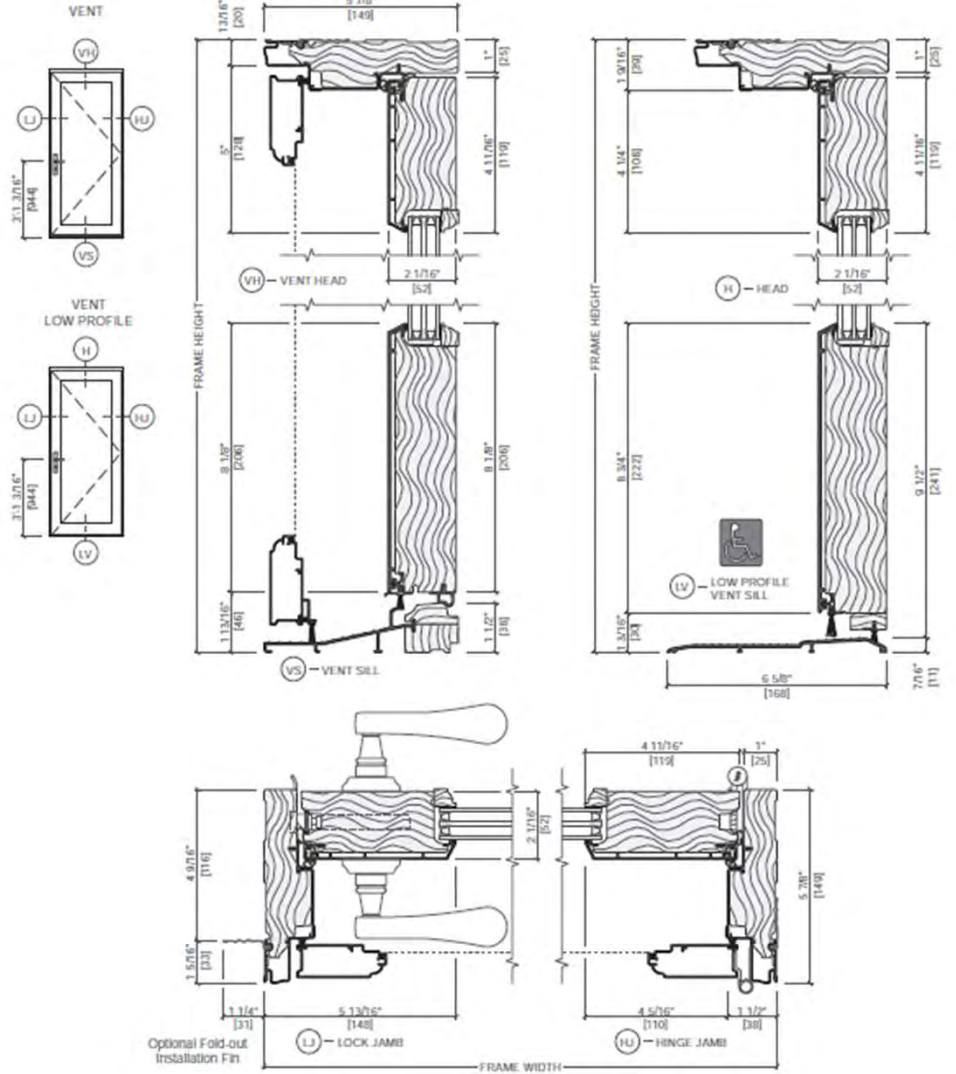
Pella® Reserve™ Traditional In-Swing Patio Door

Unit Sections – Aluminum-Clad Exterior, Putty Glaze Exterior Profile



Pella® Reserve™ Traditional In-Swing Patio Door

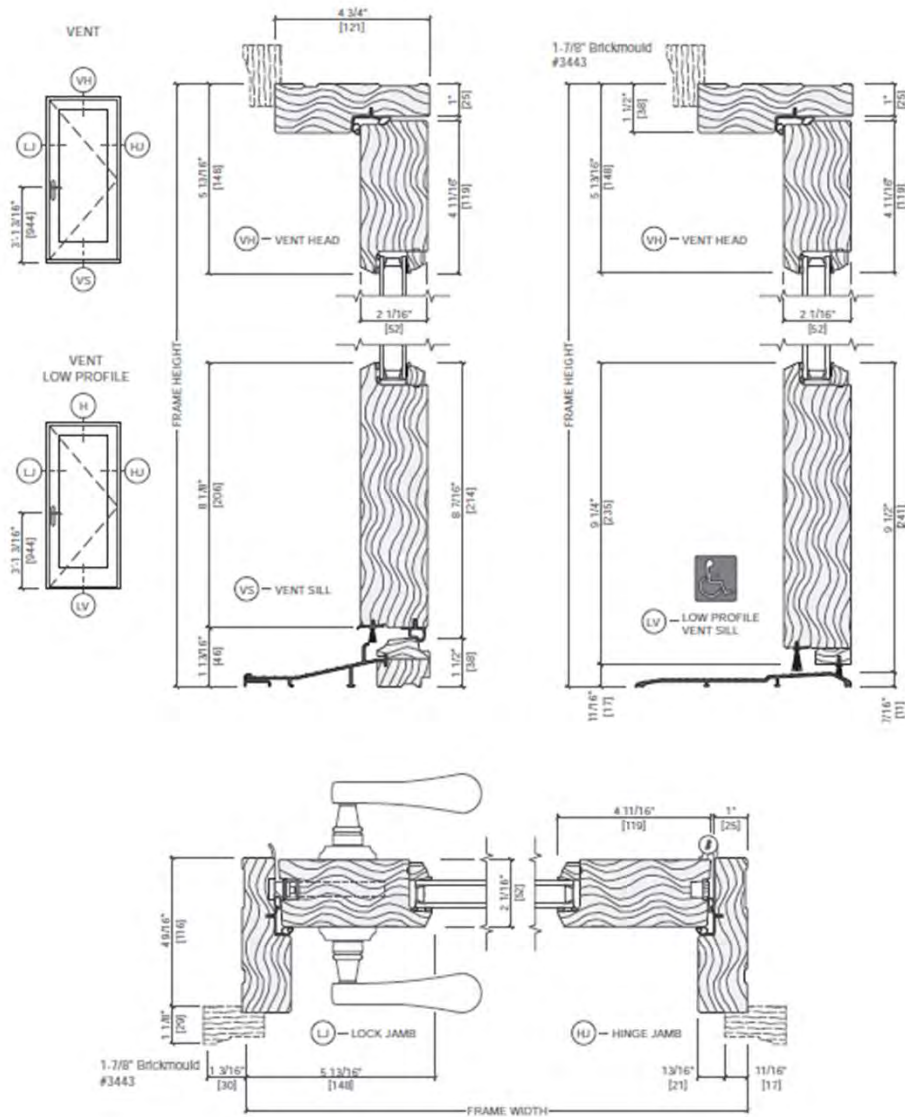
Unit Sections – Aluminum-Clad Exterior, Putty Glaze Exterior Profile, Triple-Pane



Docket No. 5-44-24 (17401 Edgewater)
Residential Roof Addition - Fort



Pella® Reserve™ Traditional In-Swing Patio Door
Unit Sections – Wood Exterior, Putty Glaze Exterior Profile



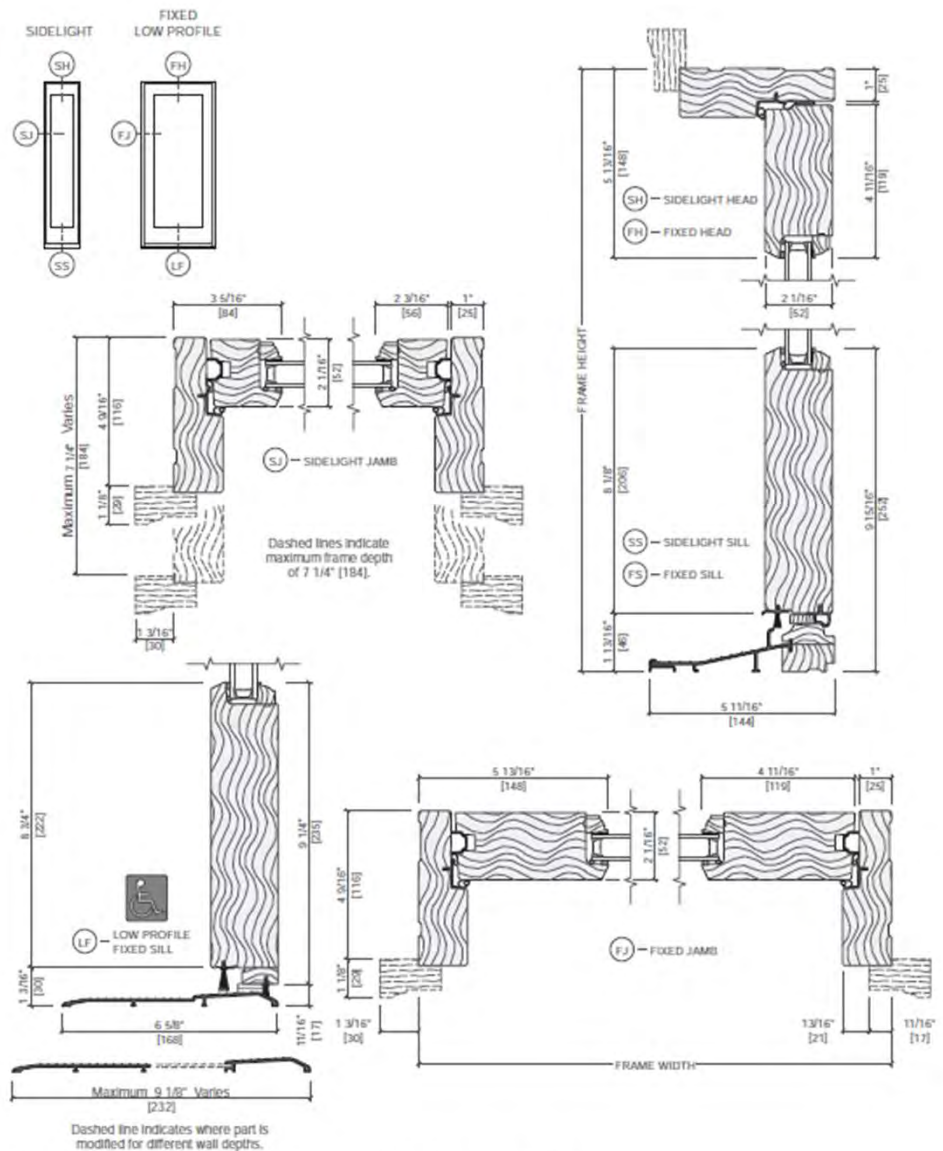
Scale 3" = 1'-0"
All dimensions are approximate.
rev. 6/30/21

Pella 2024 Architectural Design Manual | Division 06 – Openings | Windows and Doors | www.Pella.com

ISD-42



Pella® Reserve™ Traditional In-Swing Patio Door
Unit Sections – Wood Exterior, Putty Glaze Exterior Profile



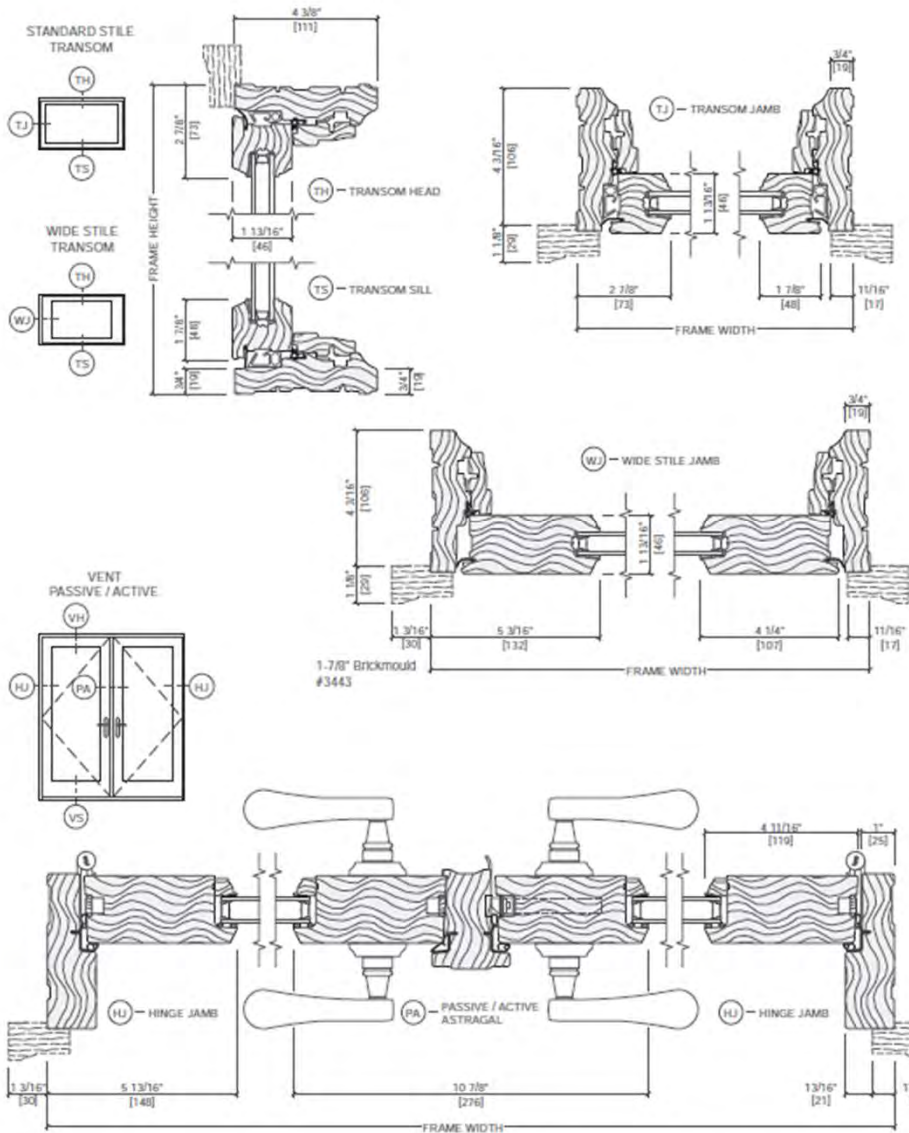
Scale 3" = 1'-0"
All dimensions are approximate.
rev. 1/6/23

Pella 2024 Architectural Design Manual | Division 06 – Openings | Windows and Doors | www.Pella.com

ISD-43

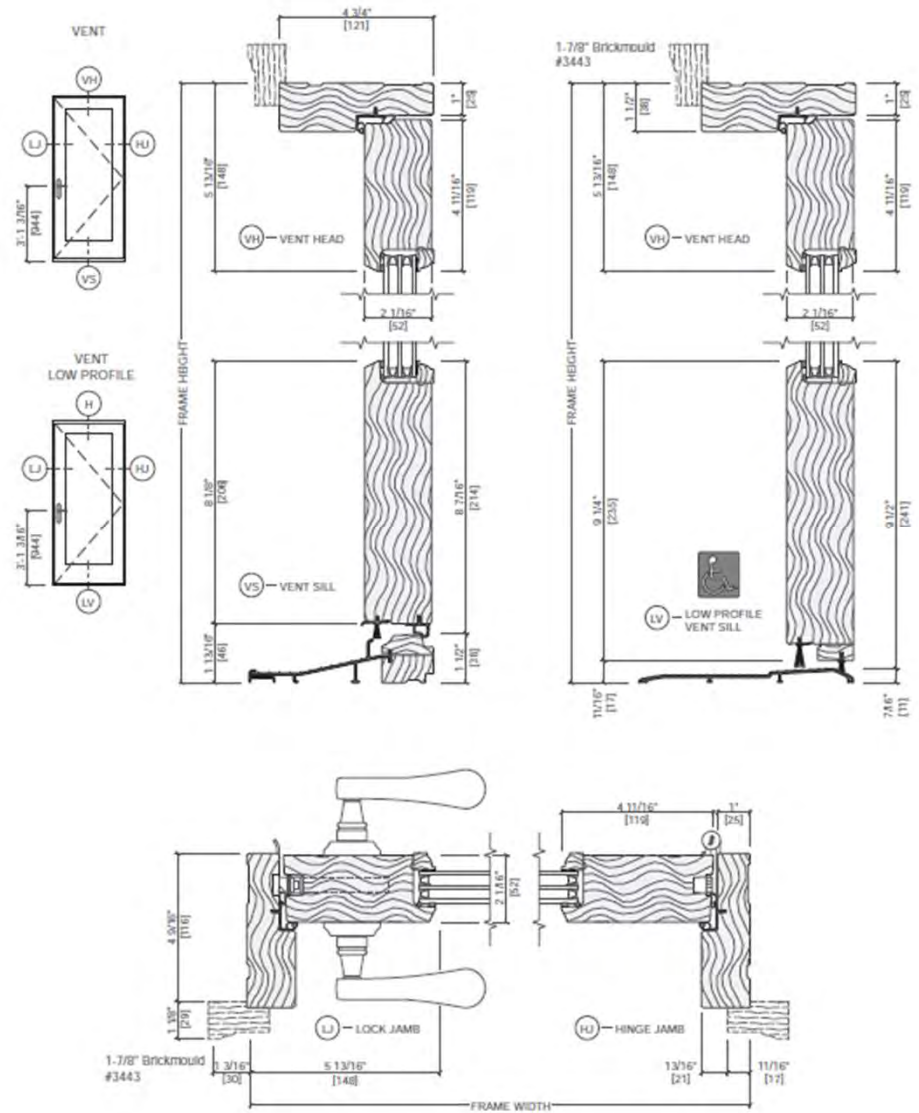


Docket No. 5-44-24 (17401 Edgewater)
Residential Roof Addition - Fort



Scale 3" = 1' 0"
All dimensions are approximate.
rev. 8/30/21

See www.Pella.com for mullion limitations and reinforcing requirements.



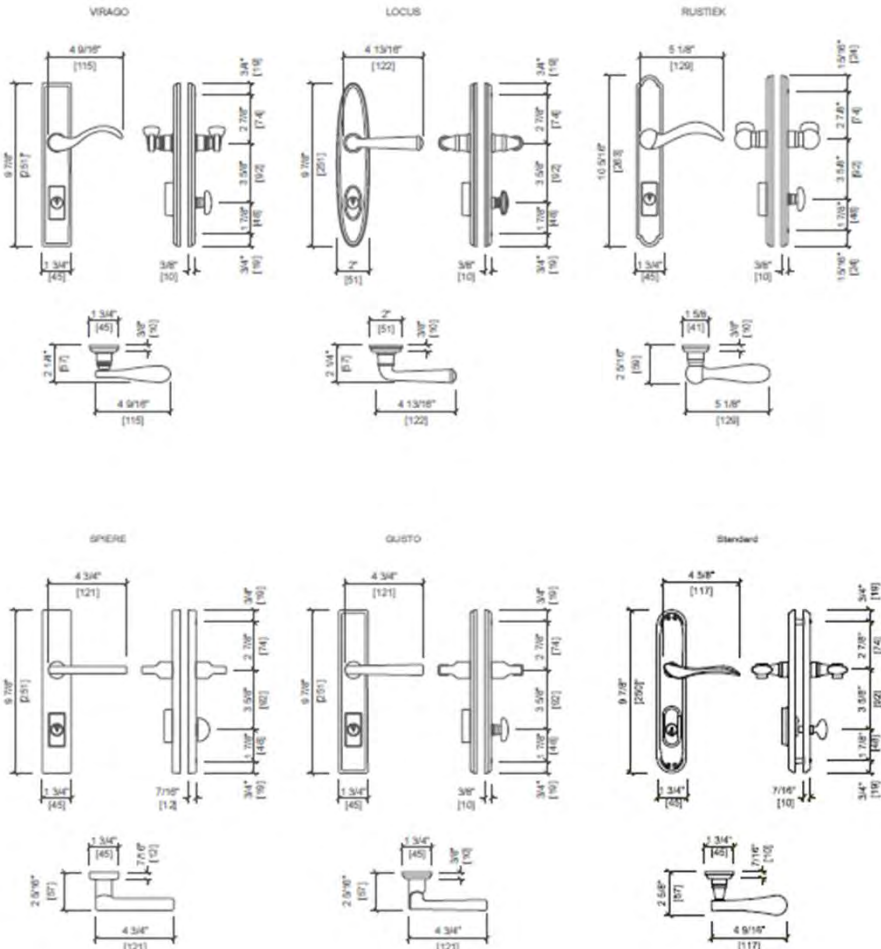
Scale 3" = 1' 0"
All dimensions are approximate.
rev. 10/20/21

Water resistance is 0 psf for doors with low profile sill.



Docket No. 5-44-24 (17401 Edgewater)

Residential Roof Addition - Fort



Exquisitely designed windows and doors with unparalleled historical detailing.

Double-Hung Interior



Double-Hung Exterior



- Historical details**
 Our most historically authentic line of wood windows and patio doors. Featuring through-stile construction, deliberate proportions and intricate profiles. Pella Reserve – Traditional products are the ideal choice for historical renovations and traditional building projects.
- Authentic hardware**
 Complement your project with historically authentic spoon-lock window hardware. Our Antiek casement window hardware is inspired by period furniture to deliver authentic traditional style.
- Architectural Interest**
 Pella's Integral Light Technology® grille helps capture the look of true-divided-light without sacrificing energy performance. Further your aesthetic with the putty profile, recreated with historically accurate angles to provide meaningful depth and a realistic shadow. Pella Reserve products offer the industry's deepest sash dimension.
- Virtually unlimited customization**
 If you can dream it, we can build it with our most customizable product line. From extra tall to extra wide, Pella can craft unique windows that complement your aesthetic. Custom sizes, grille patterns and designs, finishes, wood types and glass options are available.
- Tailor-made solutions**
 From preliminary drawings to installation, Pella's expert team of architects, engineers, drafters and consultants can work to deliver custom window and door solutions for your project. Partner with Pella to achieve your unique vision without concessions.
- Intentional Innovation**
 The award-winning Integrated Rolscreen® retractable screen preserves aesthetics and the view. It is a double- and single-hung screen that appears when you open the window and rolls away, out of sight, when you close it.
- Durable Interiors and extruded aluminum exteriors**
 To help save you time on the jobsite, interior finish options are available in a variety of paints and stains, or primed and ready-to-paint. To complement your exterior aesthetic, choose from our carefully curated color palette or define your own custom color for your project.
- ENERGY STAR® certified¹**
 Pella wood products offer energy-efficient options that will meet or exceed ENERGY STAR guidelines in all 50 states.
- Testing beyond requirements**
 All wood products and testing are not created equal. Pella raises the bar on industry standard testing and beyond to deliver long-lasting products and reduced callbacks. Every Pella wood window and door passes 5, on average, quality checks before it arrives on the jobsite.
- Best limited lifetime warranty²**
 Pella Reserve products are covered by the best limited lifetime warranty in the business for wood windows and patio doors.²

Available in these window and patio door styles:



Special shape windows also available.

¹ See back cover for disclosures.



Docket No. 5-44-24 (17401 Edgewater) Residential Roof Addition - Fort

Product Specifications

Window & Patio Door Styles	Min. Width	Min. Height	Max. Width	Max. Height	Performance Class & Grade	Performance Values			Frame / Install
						U-Factor	SHGC	STC	
Awning	13-1/2"	13-1/2"	59"	59"	LC30 - CW50	0.25-0.29	0.18-0.47	27-35	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Casement	13-1/2"	13-1/2"	47"	108"	R35-CW50	0.25-0.29	0.18-0.47	27-34	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Fixed Casement	10"	10"	144"	144"	R35-CW50	0.25-0.29	0.18-0.47	27-35	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Double-Hung	14"	24-3/4"	48"	96"	CW30-CW50	0.25-0.30	0.19-0.53	28-35	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Precision Fit Double-Hung	13-1/2"	23-1/2"	48"	84"	CW40-CW50	0.25-0.31	0.19-0.53	26-30	Pocket Replacement
Monumental Hung	13-1/2"	24"	72"	144"	LC25-CW50	0.25-0.30	0.17-0.47	29-34	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
In-Swing Hinged Patio Door (Single)	18"	36"	48"	119-1/2"	LC40-LC55	0.25-0.29	0.14-0.40	31-35	
In-Swing Hinged Patio Door (Double)	36"	36"	96"	119-1/2"	LC40-LC55	0.25-0.29	0.14-0.40	31-35	
Out-Swing Hinged Patio Door (Single)	18"	36"	48"	119-1/2"	R50-LC70	0.25-0.30	0.14-0.39	30-36	
Out-Swing Hinged Patio Door (Double)	36"	36"	96"	119-1/2"	R50-LC70	0.25-0.30	0.14-0.39	30-36	
Sliding Patio Door (O)	30-1/2"	74"	60-1/2"	119-1/2"	LC40-LC70	0.29-0.32	0.15-0.42	-	
Sliding Patio Door (OX, XD)	50-1/2"	74"	119-1/2"	119-1/2"	LC35-LC65	0.29-0.32	0.15-0.42	29-35	
Sliding Patio Door (OXD)	90"	74"	180"	119-1/2"	LC30-LC45	0.29-0.32	0.15-0.42	-	
Sliding Patio Door (OXOD)	116-1/2"	74"	236-1/2"	119-1/2"	LC25-LC40	0.29-0.32	0.15-0.42	-	
Multi-Slide Patio Door	40-1/2"	50-1/2"	70-1/2"	119-1/2"	R15-LC25*	0.30 - 0.36	0.15 - 0.46	31	For more info visit PellaADM.com
Bifold Patio Door	31-1/2"	55-1/2"	312"	119-1/2"	R15-LC25*	0.26-0.44	0.13-0.45	-	

Window sizes available in 1/8" increments
Special sizes available. For more information regarding performance, visit pella.com/performance. For more information regarding frame and installation types, visit PellaADM.com.

Grilles

Integral Light Technology*

Choose the look of true divided light without sacrificing energy performance.



Putty Glaze Exterior with Ogee Interior¹
7/8", 1-1/4" or 2"



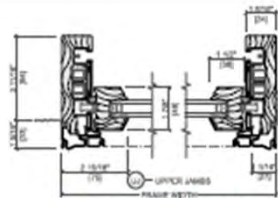
Putty Glaze Exterior with Ogee Interior¹
7/8", 1-1/4" or 2"



Ogee Exterior with Ogee Interior¹
7/8", 1-1/4" or 2"

Cross Sections

Cross Sections



Optional Fold-out Installation Fin

The double-hung cross sections provide visual reference to the historic putty exterior profile and traditional, beveled Ogee interior that add architectural interest to your project.

** See back cover for disclosures.

Window Hardware

Classic Collection

Get a timeless look with authentic styles in classic finishes.



Fold-away Crank
Arch



Spoon-Style Lock

Finishes:



Rustic Collection

Create a distinct and charming look with distressed finishes.



Fold-away Crank
Arch



Spoon-Style Lock

Finishes:



Essential Collection

Select from popular designs and finishes to suit every style.



Fold-away Crank



Cam-Action Lock

Finishes:



Patio Door Hardware

Classic Collection

Choose timeless pieces, created in collaboration with Baldwin® Hardware, for a look that will never go out of style.

BALDWIN



Hinged & Bifold
Patio Door Handle
Wago

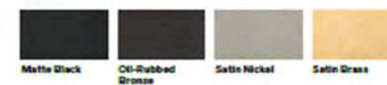


Sliding & Multi-Slide
Patio Door Handle
Antrose



Multi-Slide Patio
Door Handle^{1,2}

Finishes:



Essential Collection

Elevate your style and transform a home with elegant selections.



Hinged & Bifold
Patio Door Handle
Standard

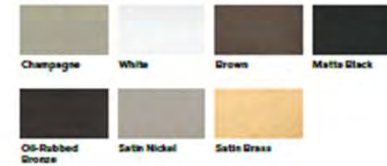


Sliding Patio
Door Handle
Standard



Multi-Slide Patio
Door Handle^{1,2}

Finishes:



Additional hardware collections available. Visit PellaADM.com for more information.

** See back cover for disclosures.



Docket No. 5-44-24 (17401 Edgewater)
Residential Roof Addition - Fort

Colors

Wood Types

Choose the wood species that best complements your project's interior.

Custom solutions:

Pine	Douglas Fir	Mahogany	White Oak	Red Oak	Cherry	Maple

Prefinished Pine Interior Colors

Custom Interior finishes, unfinished or primed and ready-to-paint are also available.

White	Bright White	Linen White	Natural Stain	Golden Oak Stain	Early American Stain	Provincial Stain	Dark Mahogany Stain
Red Mahogany Stain	Espresso Stain	Charcoal Stain	Black Stain				

Extruded Aluminum-Clad Exterior Colors

Our low-maintenance EnduraClad® exterior finish resists fading. Take durability one step further with EnduraClad Plus which also resists chalking and corrosion.⁷

Black	White	Brown	Fossil				
Iron Ore	Portobello	Putty	Almond	Classic White	Brick Red	Hartford Green	
Pearl Gray	Soft Linen	Satin Steel	Matte Gray	Wolf Gray	Spice Red	Sage	
Frost Blue	Blue Ash						

Custom colors are also available.

Added Peace of Mind

Integrated Security Sensors

Integrated wireless security sensors maintain aesthetics, streamline security installation and ensure no warranty loss is caused by post-installation drilling. Sensors can be monitored via the free Pella® Inspyctive® App and are compatible with major security panel systems.⁸ For more information, go to connectpella.com.

The Best Limited Lifetime Warranty in the Industry

We know your reputation matters and you stake your reputation on quality, dependable products. That's why we have the best limited lifetime warranty in the industry for wood windows and patio doors.²

¹ Some Pella products may not meet ENERGY STAR® guidelines in Canada. For more information, contact your local Pella sales representative or go to energyguide.ca.
² Based on comparing written limited warranties of leading national wood window and wood patio door brands. See written limited warranty for details, including exceptions and limitations, at pella.com/warranty or contact Pella Customer Service.
³ Ratings are contingent on product configurations.
⁴ Color-matched to your product's interior and exterior color.
⁵ Flush multi-slide handle is a Pella exclusive design.
⁶ Flush multi-slide handle is not available in Champagne.
⁷ EnduraClad Plus protective finish is not available with all colors. See your local Pella sales representative for availability.
⁸ Requires the Inspyctive App on a smart device, an Inspyctive Bridge and a wireless home router with internet connection.

VERTICAL SEAM

- Structural standing seam roof system
- Panel coverages: 12", 16" or 18"
- Rib height: 1-3/4"
- Gauges: 24 ga. standard; 22 ga. optional
- Snap-together panel system with factory-applied side-lap sealant
- Minimum roof slope over open framing 3:12
- Minimum roof slope over solid substrate 1:12
- Concealed clip designed for unlimited thermal movement

MINI-BATTEN

- Standing seam roof system
- Panel coverages: 12", 16" or 18"
- Rib height: 1" and 1-1/2" with a narrow batten cap
- Gauges: 24 ga. standard; 22 ga. optional
- Minimum roof slope: 3:12
- Concealed clip secures snap-on batten cap

CURVED 1" MINI-BATTEN

- Standing seam roof system
- Panel coverages: 12", 16" or 18"
- Gauges: 24 ga. standard; 22 ga. optional
- Minimum radius: 4'-0" pan and batten
- Concealed clip designed
- Whether it's an accent or an entire roof, Curved Mini-Batten panels give your project a unique look

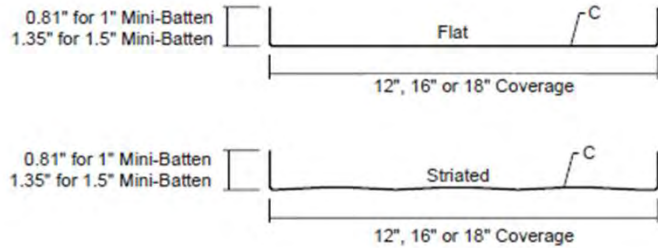


Docket No. 5-44-24 (17401 Edgewater)

Residential Roof Addition - Fort

MINI-BATTEN

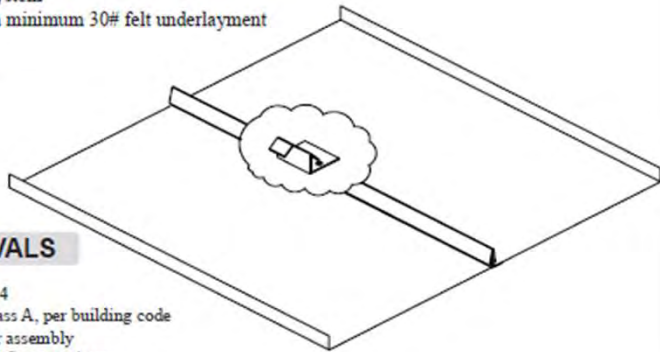
Condensed
Technical
Reference



ARCHITECTURAL PANEL CONCEALED FASTENED 12", 16" OR 18" COVERAGE MINIMUM SLOPE 3:12 SOLID SUBSTRATE

PANEL OVERVIEW

- ▶ Finishes: PVDF, MS Colorfast45* and Acrylic-Coated Galvalume*
- ▶ Corrosion Protection: AZ55 per ASTM A 792 for unpainted Galvalume*
AZ50 per ASTM A 792 for painted Galvalume*
G90 per ASTM A 653 for Galvanized
- ▶ Gauges: 26 ga and 24 ga standard; 22 ga optional
- ▶ 12", 16" or 18" panel coverage, 1" or 1 1/2" rib height with narrow batten cap
- ▶ Panel Length: Minimum: 5'; Maximum: 45' recommended
- ▶ Architectural standing rib roof system
- ▶ Applies over solid substrate with minimum 30# felt underlayment
- ▶ Minimum roof slope: 3:12
- ▶ Flat and Striated pan available



TESTING AND APPROVALS

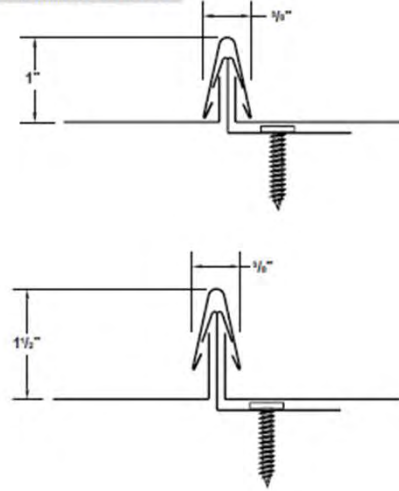
- ▶ UL 2218 Impact Resistance - Class 4
- ▶ UL 790 Fire Resistance Rating - Class A, per building code
- ▶ UL 263 Fire Resistance Rating - per assembly
- ▶ UL 580 Uplift Resistance - Class 90 Constructions:
 - 1" Mini-Batten: #397, #397A and #430
 - 1 1/2" Mini-Batten: #352
- ▶ ASTM E 1592 Uplift Resistance
- ▶ ASTM E 283 Air Leakage - 0.005 cfm/ft² at 6.24 psf
- ▶ ASTM E 331 Water Penetration - none at 12 psf

TTS Metal Sales™

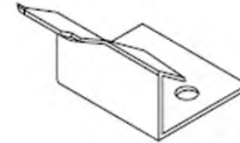
MINI-BATTEN

Condensed
Technical
Reference

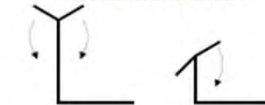
ATTACHMENT DETAILS



PANEL CLIPS



BEND DOWN OVER PANEL



MINI-BATTEN
(1 1/2" rib height)

MINI-BATTEN
(1" rib height)

FASTENING INFORMATION

▶ Clips

Clip spacing is based upon the design loads, the spanning capacity of the panels, the fasteners and the support members.

Clips are 0.027" thick, G90 galvanized.

Clips can accommodate thermal expansion and contraction.

▶ Fasteners

Overdriven fasteners will cause panel distortions.

Fasteners should extend 1/2" or more past the inside face of the support material.

Clip Fasteners:

#10-12 Pancake Head Wood Screw

Concealed End Fastener:

#10-12 Pancake Head Wood Screw

Trim Fasteners:

1/4"-14 x 7/8" XL Stitch Screw

1/8" x 3/16" Pop Rivet

TTS Metal Sales® metalsales.us.com

Anchorage, AK 866.640.7663
Bay City, MI 888.777.7640
Deer Lake, PA 800.544.2577
Denver, CO 800.289.7663

Detroit Lakes, MN 888.594.1394
Fontana, CA 800.782.7953
Fort Smith, AR 877.452.3915
Independence, MO 800.747.0012

Jacksonville, FL 800.394.4419
Jefferson, OH 800.321.5833
Mocksville, NC 800.228.6119
Nashville, TN 800.251.8508
Rock Island, IL 800.747.1206
Rogers, MN 800.328.9316

Seattle, WA 800.431.3470
Sellersburg, IN 800.999.7777
Sioux Falls, SD 888.299.0024
Spokane, WA 800.572.6565
Temple, TX 800.543.4415
Woodland, CA 800.759.6019

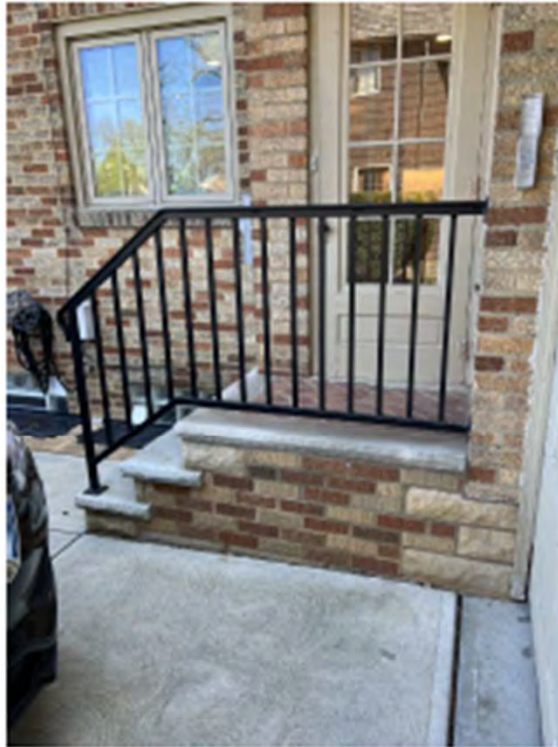
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Docket No. 5-44-24 (17401 Edgewater)
Residential Roof Addition - Fort



Existing Iron Railing - Custom (match)



Existing Iron Railing - Custom (match)

DATE: 10/1/2024
BY: JEFF LUTHEMAN
SHEET: 13/26

EXISTING PHOTOS

GRADY RESIDENCE
17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107
DANE STREET STUDIO

E-4



Docket No. 5-44-24 (17401 Edgewater)

Residential Roof Addition - Fort

ZUMA

F6710-FRN

Zuma embraces its surroundings, taking cues from the natural world to inform its captivating silhouette. This candelabra style cage light features a delicate leaf detail climbing up the edges, revealing demure finials on each corner. Clear glass allows you to admire the candlestick lights clearly. Available in French iron or verdigris finish. Available as a one, two, or three-light wall sconce, and pendant in two sizes.

FINISHES

FRENCH IRON (FRENCH IRON)
VERDIGRIS (VER)

DIMENSIONS

Height: 21.25"
Width/Diameter: 10"
Minimum Height: 24.25"
Maximum Height: 93.25"
Canopy/Backplate: 6.5"
Hanging Type:
Product Weight: 15lb

GLASS

Attachment:
Glass 1: Glass
Glass 2:

LAMPING



Bulb 1
Socket: E12 Candelabra Base
Bulb: 4 • 60 Watt Max
Voltage: 120
UL Rating: UL Wet

SHIPPING

Carton 1: 13' x 13' x 24'
Carton 1 Weight: 15lb
Shipping Method: Ground



HUDSON VALLEY
LIGHTING GROUP | hvlgroup.com | 1.800.814.3993

REVISED 3.11.2022



Docket No. 5-44-24 (17401 Edgewater)
Residential Roof Addition - Fort

Applicant proposes new portico roof on residential structure.

City Notes:

N/A



Docket No. 5-45-24 (1188 Elbur)

**New Residential Portico Roof
Hal Daugherty**

4/17/24, 3:33 PM

1189 Elbur Ave - Google Maps

Google Maps 1189 Elbur Ave

Lakewood, Ohio

Google Street View

Aug 2019

See more dates



Image capture: Aug 2019 © 2024 Google



Docket No. 5-45-24 (1188 Elbur)
New Residential Portico Roof - Daugherty



SW 9563 Bedrock Emerald Designer Edition	SW 7622 Homburg Gray	SW 7636 Origami White FULL DETAILS ▾
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spillman residence
front entry

the architetta



Docket No. 5-45-24 (1188 Elbur)
New Residential Portico Roof - Daugherty

Ricardo Empire Outdoor Semi Flush Mount

★★★★★ 4.8 (2,715 reviews)

\$225 each
Free 3-5 Day Delivery
\$4000's more in savings. View more at [Home Depot's Savings Center](#).
Pay as low as \$15.00/mo with [Birch Lane Ebbotz](#).
09080000 Arrives by Thu, Apr 30 to 63310

[-] 1 [+] [Add to Cart](#)

What May Vary

- Professional Installation from \$101.99**
[View Details](#)
- 5 Year Protection Plan for \$36.99**
[What's Covered?](#)

Any Questions? We're here for you. [Get Help](#) [Let's Chat](#)



About This Product

[Overview](#) [The Details](#) [Shipping & Returns](#)

Features

- Fixture Material: Metal, Glass
- Metal Type: Steel
- Light Fixture Shape: Empire
- Canopy Included: Yes
- Power Source: Hardwired
- Voltage: 120 Volt
- What is Dry, Damp or Wet Location Listed? This indicates whether the fixture is safe to use in dry locations (damp locations (indoor environments)) or wet locations (direct exposure to water).
- Weatherproof: Yes
- Integrated LED: No
- Bulb Not Included But Required: Yes
- Recommended Bulb Shape: Candle
- Recommended Bulb Shape Code: D11
- Number of Bulbs: 3
- Maximum Wattage (Per Bulb): 60 Watt
- Bulb Base: E12/Gincledsbny
- Dimmable: Yes
- Motion Sensor: No
- Dusk to Dawn: No
- Bottom Opening: Yes
- Shade Included: No
- Imported: Yes
- Durability: Weather Resistant
- Dry, Damp or Wet Location Listed: Damp

Dimensions

- Body Dimensions: 14" H X 12" W X 12" D
- Canopy Dimensions: 2.8" H X 5.75" W X 5.75" D
- Overall Dimensions: 16.5" H X 12" W X 12" D
- Overall Product Weight: 7.94 lb

Specifications

Safety Listing(s): UL Listed

Assembly

- Assembly Required: Yes
- Installation Required: Yes

Warranty

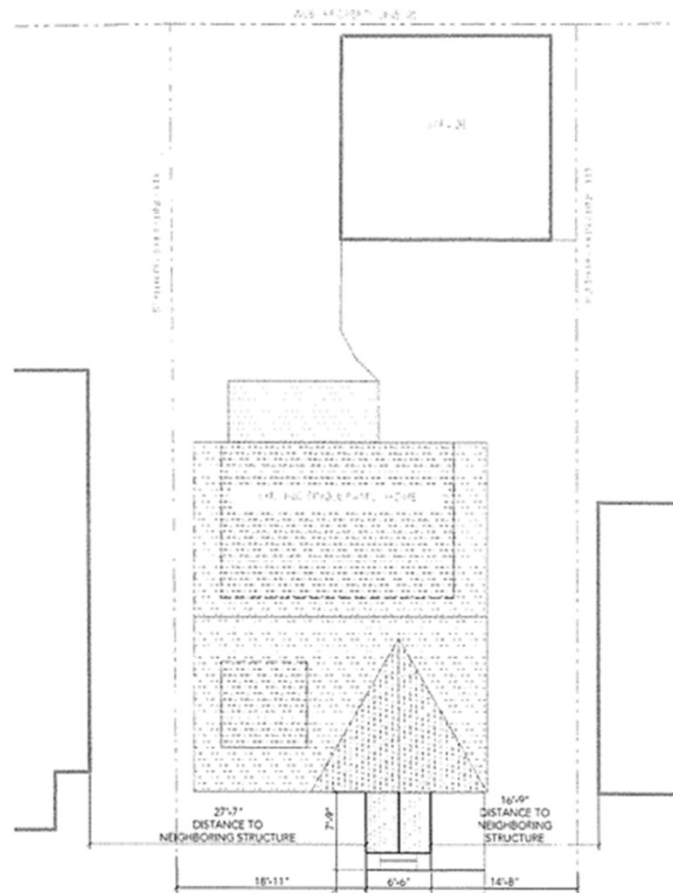
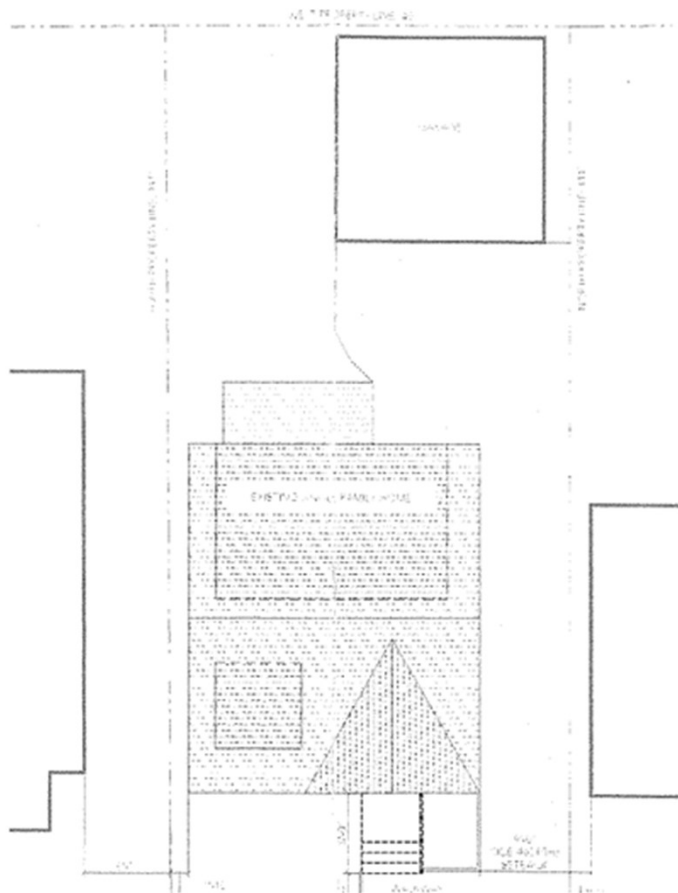
- Commercial Warranty: Yes
- Product Warranty: Yes
- Full or Limited Warranty: Limited
- Warranty Length: 1 Year



Docket No. 5-45-24 (1188 Elbur)

New Residential Portico Roof - Daugherty

ISSUED FOR:	DATE:
80% CDs	09-08-2023
95% CDs	12-18-2023
PERMIT	01-30-2024



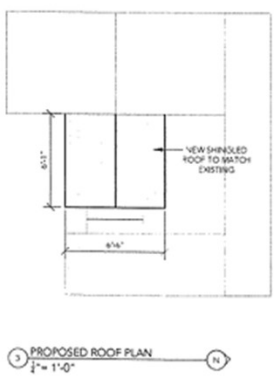
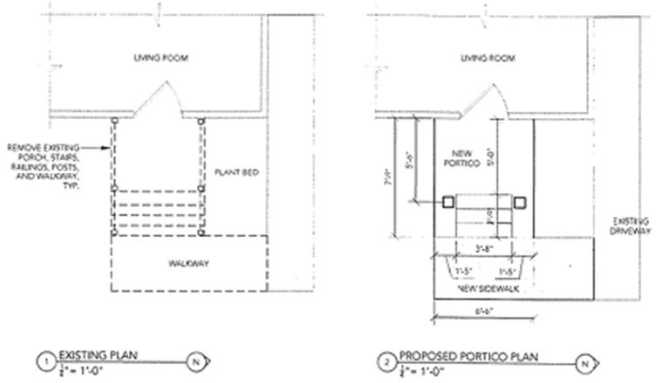
CLIENT/OWNER:
TIMOTHY & LINDSAY
SPILLMAN

PROJECT ADDRESS:
1188 ELBUR AVENUE
LAKEWOOD, OHIO 44107



Docket No. 5-45-24 (1188 Elbur)

New Residential Portico Roof - Daugherty



GENERAL DEMO NOTES:

1. ALL DIMENSIONS AND EXISTING STRUCTURE ARE APPROXIMATE, TO BE CONFIRMED IN FIELD DURING.
2. DASHED LINES REPRESENT ELEMENTS TO-BE-DEMOLISHED U.N.O.
3. ALL AREAS NOT IN SCOPE TO BE PROTECTED DURING DEMO AND NEW WORK.

GENERAL PROPOSED NOTES:

1. ALL DIMENSIONS AND EXISTING STRUCTURE ARE APPROXIMATE, TO BE CONFIRMED IN FIELD DURING CONSTRUCTION.
2. REFER TO DETAILED ELEVATIONS, MATERIAL SCHEDULE, AND PAINT SCHEDULE FOR DETAILS.



CLIENT/OWNER:
TIMOTHY & LINDSAY SPILLMAN

PROJECT ADDRESS:
1188 ELBUR AVENUE
LAKEWOOD, OHIO 44107



the architetta

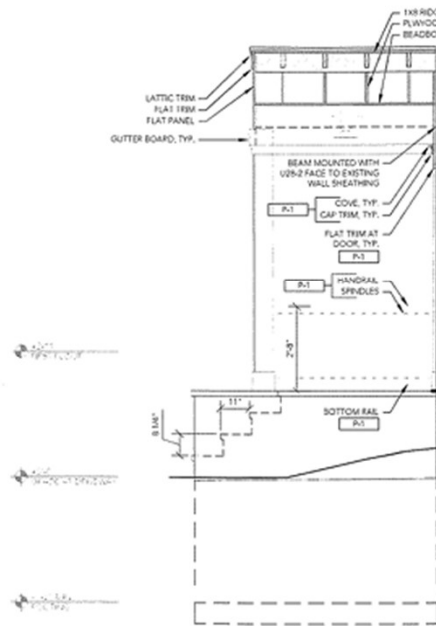
Annalisa Alletti Marfocci, R.A.
 Architetta, LLC
 1455 W. 29th Street
 Cleveland, Ohio 44113
 440-539-6388

EXISTING AND PROPOSED PLANS, ELEVATIONS

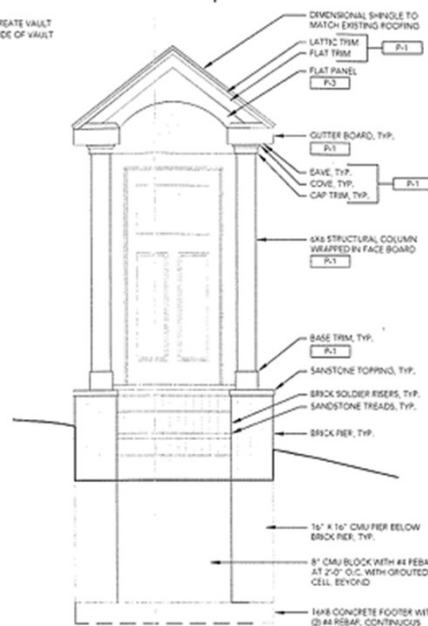


Docket No. 5-45-24 (1188 Elbur)

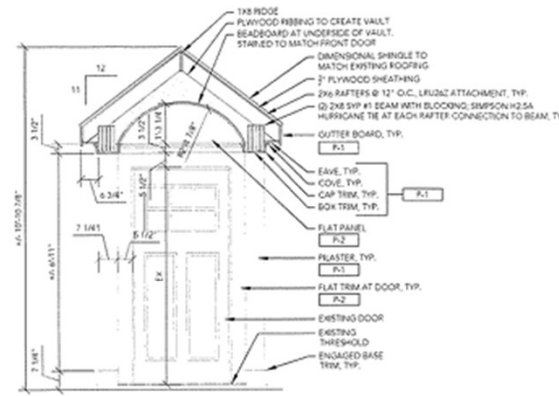
New Residential Portico Roof - Daugherty



1 DETAILED SECTION AT DOOR
 1/2" = 1'-0"



2 DETAILED ELEVATION
 1/2" = 1'-0"



3 DETAILED SECTION AT DOOR
 1/2" = 1'-0"



4 CMU & FOOTING DETAIL
 1/2" = 1'-0"

EXTERIOR PAINT SCHEDULE			
ITEM	COLOR/FINISH	MANUFACTURER/PRODUCT	REMARKS
P-1	SW 7036 CRYSTAL WHITE	SHERWIN WILLIAMS EMERALD URETHANE TRIM ENAMEL	REFER TO EXTERIOR ELEVATION DETAILS - OF EXACT LOCATION AND PLACEMENT OF COLORS
P-2	SW 7022 HAMBURG GRAY	SHERWIN WILLIAMS EMERALD URETHANE TRIM ENAMEL	REFER TO EXTERIOR ELEVATION DETAILS - OF EXACT LOCATION AND PLACEMENT OF COLORS
P-3	SW 9563 BEDROCK	SHERWIN WILLIAMS EMERALD URETHANE TRIM ENAMEL	REFER TO EXTERIOR ELEVATION DETAILS - OF EXACT LOCATION AND PLACEMENT OF COLORS

GENERAL NOTES:
 1. EXISTING BRICK FOUNDATION TO REMAIN UNPAINTED

EXTERIOR MATERIAL SCHEDULE				
ITEM	DESCRIPTION	COLOR/FINISH	MANUFACTURER	REMARKS
GUTTER BOARD	6x6 TRIM BOARD, 0.75" x 7.25"	SMOOTH FINISH, PRIMED FOR PAINT (SEE PAINT SCHEDULE)	JAMES HARDIE OR BOREL	REFER TO EXTERIOR ELEVATION DETAILS, INSTALL PER MANUFACTURER INSTRUCTIONS
EAVE	6x6 TRIM BOARD, 0.75" x 5.5"	SMOOTH FINISH, PRIMED FOR PAINT (SEE PAINT SCHEDULE)	JAMES HARDIE OR BOREL	-
COVE	1.5" PINE	PRIMED FOR PAINT (SEE PAINT SCHEDULE)	LOCAL SUPPLIER	REFER TO EXTERIOR ELEVATION DETAILS
CAP TRIM	6x6 TRIM BOARD, 0.75" x 3.5"	SMOOTH FINISH, PRIMED FOR PAINT (SEE PAINT SCHEDULE)	JAMES HARDIE OR BOREL	REFER TO EXTERIOR ELEVATION DETAILS, INSTALL PER MANUFACTURER INSTRUCTIONS
BOX TRIM	6x6 TRIM BOARD, 0.75" x 7.25"	SMOOTH FINISH, PRIMED FOR PAINT (SEE PAINT SCHEDULE)	JAMES HARDIE OR BOREL	-
FLAT TRIM	6x6 TRIM BOARD, 0.75" x 5.5"	SMOOTH FINISH, PRIMED FOR PAINT (SEE PAINT SCHEDULE)	JAMES HARDIE OR BOREL	-
ENGAGED COLUMN TRIM	6x6 TRIM BOARD, 0.75" x 7.25"	SMOOTH FINISH, PRIMED FOR PAINT (SEE PAINT SCHEDULE)	JAMES HARDIE OR BOREL	-
ENGAGED BASE TRIM	6x6 TRIM BOARD, 0.75" x 7.25"	SMOOTH FINISH, PRIMED FOR PAINT (SEE PAINT SCHEDULE)	JAMES HARDIE OR BOREL	-
COLUMN FACE BOARD	6x6 TRIM BOARD, 0.75" x 7.25"	SMOOTH FINISH, PRIMED FOR PAINT (SEE PAINT SCHEDULE)	JAMES HARDIE OR BOREL	-
LATTICE TRIM	6x6 TRIM BOARD, 0.75" x 3"	SMOOTH FINISH, PRIMED FOR PAINT (SEE PAINT SCHEDULE)	JAMES HARDIE OR BOREL	-
TOP HANDRAIL	1x6 SQUARED	CEDAR	LOCAL SUPPLIER	REFER TO EXTERIOR ELEVATION DETAILS
SPINDLE	2x2 SQUARE	CEDAR	LOCAL SUPPLIER	-
BOTTOM RAIL	2x4	CEDAR	LOCAL SUPPLIER	-
BEADBOARD	1.5" PINE	PRIMED FOR PAINT (SEE PAINT SCHEDULE)	LOCAL SUPPLIER	-
BRICK	MODULAR BRICK	"MAGNOLIAN"	GLEN-GHERRY	REFER TO EXTERIOR ELEVATION DETAILS, FINISH COLOR IS BASE-OF-COLOR, MATCH EXISTING FOUNDATION BRICK IN FIELD.
SANDSTONE	SANDSTONE TOPPING	"SD"	LOCAL SUPPLIER	REFER TO EXTERIOR ELEVATION DETAILS
LIGHTING	HASTINGS EIGHT SEMI-FLUSH MOUNT	CLASSIC BRONZE	BROOK LANE	-

CLIENT/OWNER:
 TIMOTHY & LINDSAY SPILLMAN
 PROJECT ADDRESS:
 1188 ELBUR AVENUE
 LAKEWOOD, OHIO 44107



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SECTIONS, DETAILS, AND SCHEDULES



Docket No. 5-45-24 (1188 Elbur) New Residential Portico Roof - Daugherty

TO: Tim Spillman
1188 Elbur Ave.
Lakewood, OH 44107 USA

03/20/2024

Portico Roof Proposal

JOB: WO #11261

ADDRESS: 1188 Elbur Ave., Lakewood, OH 44107

Daugherty Construction Inc. proposes to do the following work:

- Obtain related permits and inspections
- Demolish and haul off existing front porch walls, deck railing and concrete walk in front of home per print
- Form and pour new 4000 PSI concrete footer
- Supply and install all new brick and sandstone to build new porch per print
- Rollock course on front steps will not work, we will use horizontal brick
- Supply and install all needed wood framing and rail system per prints
- Build new portico entrance per print
- Prime and paint it all per print
- Supply and install 1 new light fixture per print and fish wires as needed
- Remove and reset siding
- Owner to supply new house #'s and mailbox
- Keep jobsite neat and orderly
- 2-3 weeks to complete the job
- 100% completion depends on the weather
- Remove debris and clean up jobsite

- Terms to be Discussed

Additional Information:

Front concrete walk will be billed at \$ 20.00 per sq. ft. Extra 4000 PSI concrete with float finish and sealed with masonry sealer

PRICE	\$28,211.00
Down Payment	\$3,211.00
Balance Due	\$25,000.00

Approved By:

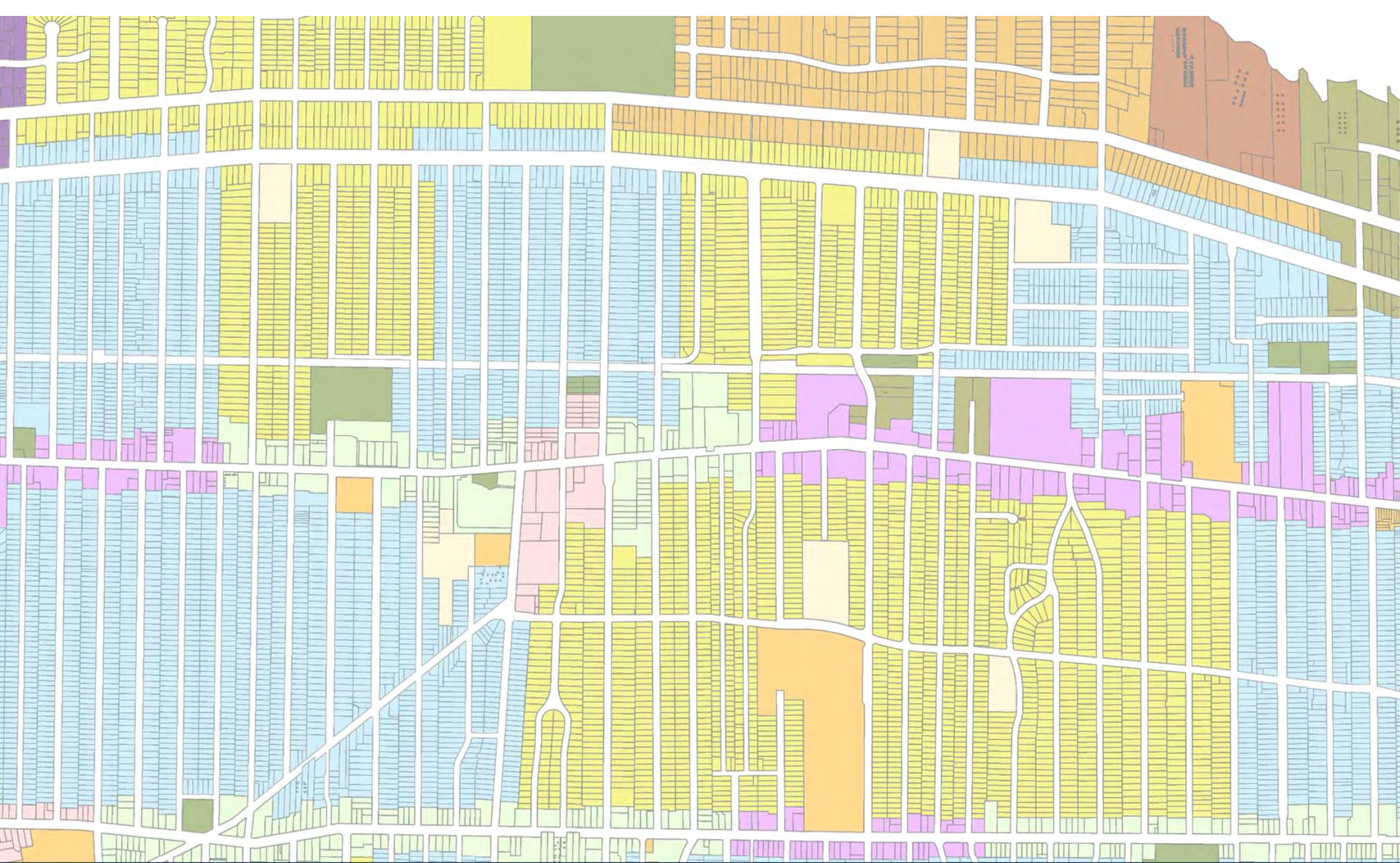
PRINT NAME

SIGNATURE

Hal Daugherty
Daugherty Construction Inc.



Docket No. 5-45-24 (1188 Elbur)
New Residential Portico Roof - Daugherty



Architectural Board of Review

May 2024