

**AGENDA
BOARD OF BUILDING STANDARDS/
ARCHITECTURAL BOARD OF REVIEW/SIGN REVIEW**

**PRE-REVIEW MEETING
CITY OF LAKEWOOD
12650 DETROIT AVENUE
EAST CONFERENCE ROOM
JUNE 6, 2024
4:00 P.M.**

**REVIEW MEETING
CITY OF LAKEWOOD
12650 DETROIT AVENUE
AUDITORIUM
JUNE 13, 2024
5:30 P.M.**

1. ROLL CALL
2. APPROVE THE MINUTES OF THE MAY 9, 2024 MEETING
3. OPENING REMARKS

OLD BUSINESS

ARCHITECTURAL BOARD OF REVIEW

- | | | |
|---|------------|--|
| 4. Docket No. 05-44-24 | (R) | 17401 Edgewater Dr. |
| <input type="checkbox"/> Approve
<input type="checkbox"/> Deny
<input type="checkbox"/> Defer | | Amanda Fort
Dane Street Studios
2708 Inverness Rd.
Shaker Heights, OH 44122 |

Applicant proposes a new front porch on an existing house. (Page 5)

NEW BUSINESS

SIGN REVIEW

- | | |
|---|--|
| 5. Docket No. 06-46-24 | 17609 Detroit Ave.
Hippie House |
| <input type="checkbox"/> Approve
<input type="checkbox"/> Deny
<input type="checkbox"/> Defer | Aldo Dure
Be Next Awnings & Graphics Inc.
5109 Clark Ave.
Cleveland, OH 44102 |

Applicant proposes illuminated channel letters on rails, sign mounted in the sign band. (Page 75)

6. Docket No. 06-47-24

**12501 Madison Ave.
Birdietown**

- Approve
- Deny
- Defer

Dean Guernsey
Dynamic Sign Co.
1202 Rowley Ave.
Cleveland, OH 44109

Applicant proposes blade sign and open channel sign on building. (Page 83)

7. Docket No. 06-48-24

**17500 Madison Ave.
Comfort Dental**

- Approve
- Deny
- Defer

Redmond Doyle
FASTSIGNS of North Olmsted
24181 Lorain Rd.
North Olmsted, OH 44070

Applicant proposes vinyl door and window graphics in multiple locations. (Page 92)

8. Docket No. 06-49-24

**15607 Madison Ave.
Doc Lanky's**

- Approve
- Deny
- Defer

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

Applicant proposes an externally lit double-sided blade sign and front and back-lit channel letters in the sign band. (Page 98)

9. Docket No. 06-50-24

**13302 Detroit Ave.
Cloud City Smoke Shop**

- Approve
- Deny
- Defer

Sam Baadani
Cloud City Smokes
13302 Detroit Ave.
Lakewood, OH 44107

Applicant proposes an illuminated sign in the sign band. (Page 100)

ARCHITECTURAL BOARD OF REVIEW

10. Docket No. 06-51-24 *

(R)

1114 Forest Rd.

- Approve
- Deny
- Defer

David Maniet
Maniet Architects
1315 Bunts Rd.

Lakewood, OH 44107

Applicant proposes the construction of a new residence. (Page 103)

*This is for discussion only; no ruling will be made, design feedback only,

- 11. Docket No. 06-52-24 (R) 18097 Clifton Rd.**
- Approve Josh Kaye
 Deny Kaye Construction LLC
 Defer 16366 Lakeforest Dr.
Strongsville, OH 44136

Applicant proposes a new addition on rear of home. (Page 106)

- 12. Docket No. 06-53-24 (R) 2164 Brown Rd.**
- Approve Eric A. Anderson
 Deny 2164 Brown Rd.
 Defer Lakewood, OH 44107

Applicant proposes the rebuild of a front porch. (Page 113)

- 13. Docket No. 06-54-24 (R) 2215 Wascana Ave.**
- Approve Ian Moyers
 Deny Elegant Renovation, LLC
 Defer 12914 Cherry Rd.
Vermilion, OH 44089

Applicant proposes the replacement of a front porch with new one. (Page 132)

- 14. Docket No. 06-55-24 (C) 17514 Detroit Ave.
Sacred Hour Spa**
- Approve Sean Nugent
 Deny ONE Constructive Services LTD, dba OCS LTD
 Defer 17415 Northwood Ave., Suite 201
Lakewood, OH 44107

Applicant proposes landscaping and exterior renovation of a building. (Page 144)

- 15. Docket No. 06-56-24 (R) 15726 Lake Ave.**
- Approve Charles A. McGettrick
 Deny Architects, C.A. McGettrick LLC
 Defer 14551 Madison Ave.
Lakewood, OH 44107

Applicant proposes a new addition with attached garage, fence, and landscaping. (Page 161)

16. Docket No. 06-57-24

(C)

**16000 + 15801 Detroit Ave.
Barry Buick Development**

- Approve
- Deny
- Defer

Michael Christoff
Vocon
3142 Prospect Ave.
Cleveland, OH 44115

Applicant proposes a mixed-use development with ground floor new retail, lobby, amenity space, and elevated residential units. (Page 190)

17. Docket No. 06-58-24 *

(C)

**Irene & Donald Ave.
Residential Development**

- Approve
- Deny
- Defer

Susan Broadwater
Beegan Architectural Design
15703 Madison Ave.
Lakewood, OH 44107

Applicant proposes a planned development consisting of seven townhouse units and three single-family houses. (Page 225)

*This is for discussion only; no ruling will be made, design feedback only,

ADJOURN

"Individuals with disabilities who require accommodations for participation in meetings must request accommodations at least 3 business days ahead of the scheduled meeting. Contact Michelle Nocht at (216) 529-5906 michelle.nochta@lakewoodoh.gov."



**BOARD OF BUILDING STANDARDS
ARCHITECTURAL REVIEW BOARD
SIGN REVIEW BOARD**

12650 Detroit Avenue • (216) 529-6630 • FAX (216) 529-5907 • www.lakewoodoh.gov

Application Cover Page

Docket No.: 05-44-24

Permit No.: BBS24-000045

Applicant Name: Amanda Fort, Dane Street Studios

Project Address: 17401 Edgewater Dr.

Project Name: n/a

Project: Applicant proposes a new front porch on an existing home.

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

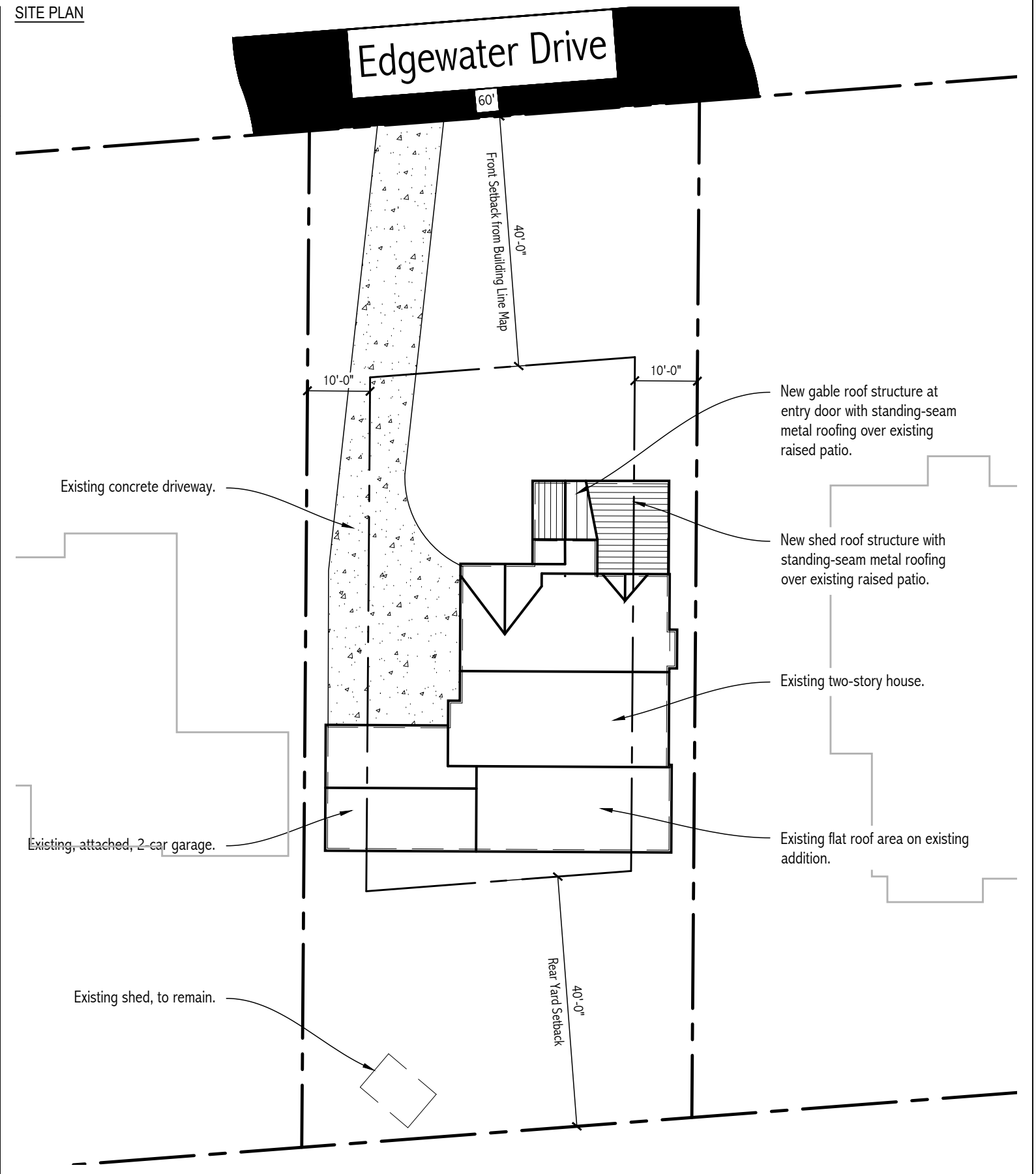
PROJECT INFORMATION

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"

ISSUE

ABR Submission

4.16.24

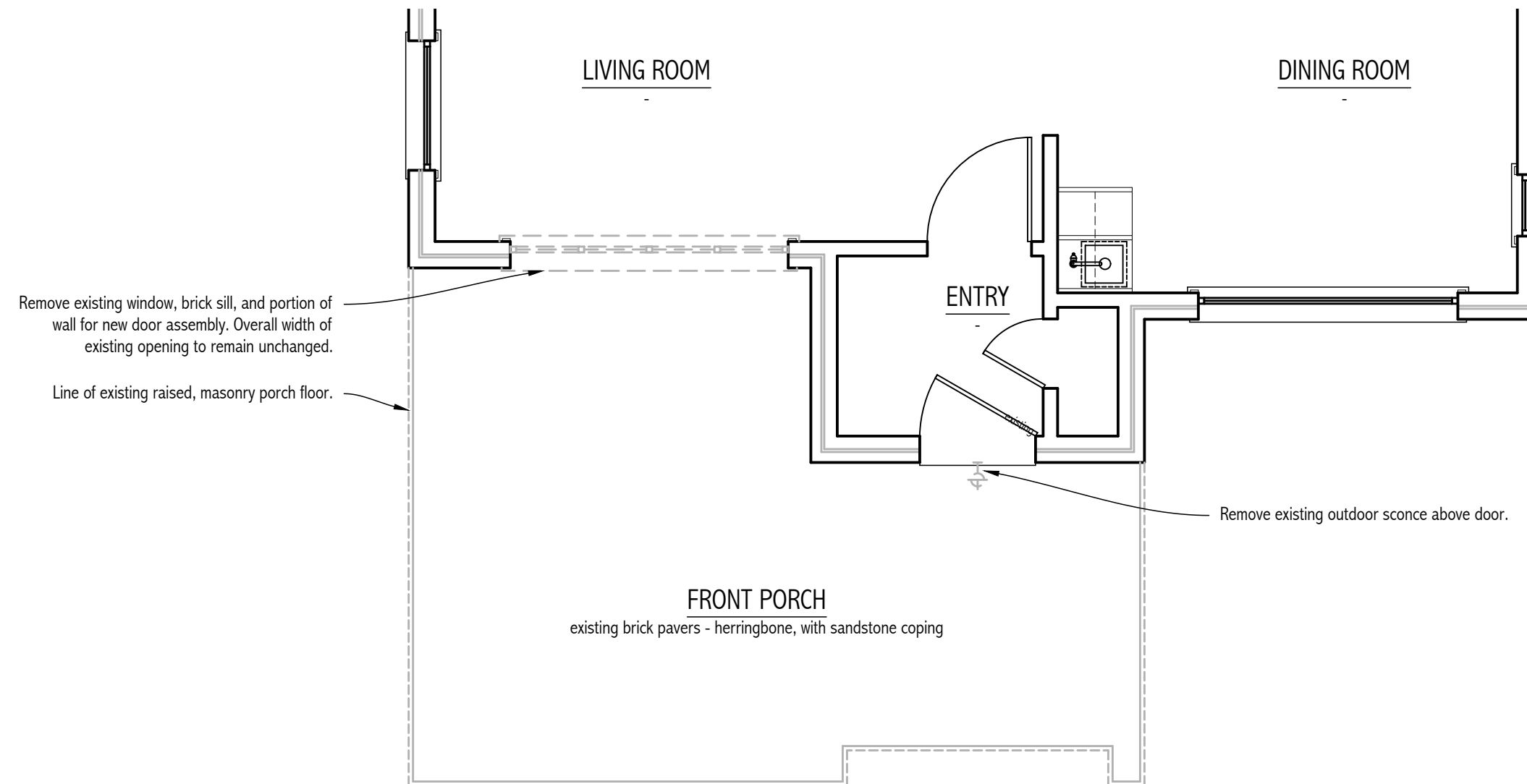
COVER SHEET, SITE PLAN, & GENERAL NOTES

GRADY RESIDENCE

17401 EDGEWATER DRIVE
 LAKEWOOD, OHIO 44107

DANE & STREET & STUDIO

A-0



SCALE

1/4" = 1'-0"

ISSUE

CD Review	10.17.23
CD Review 2	3.12.24
ABR Submission	4.16.24

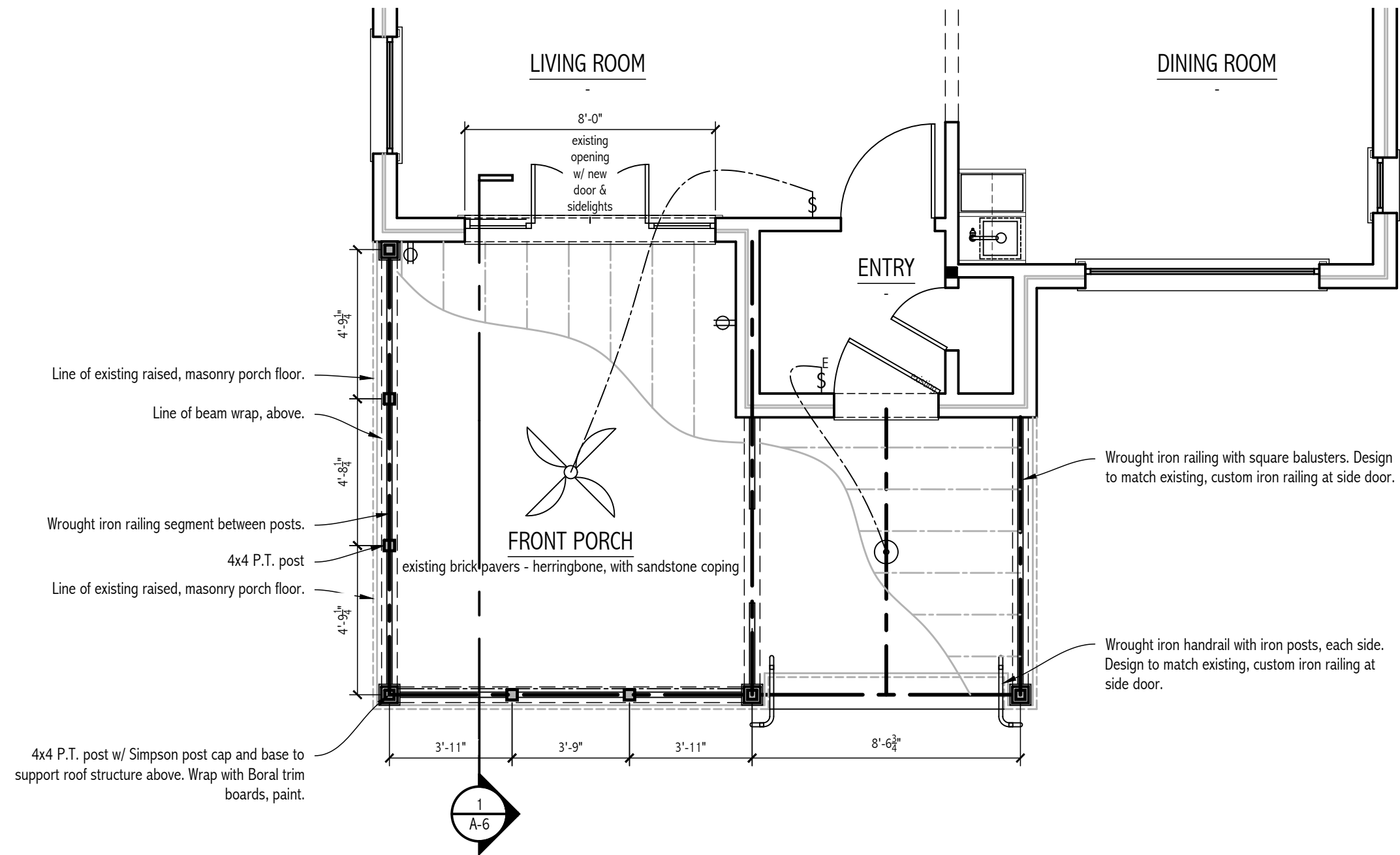
DEMOLITION PLAN

GRADY RESIDENCE

17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107

DANE & STREET & STUDIO

A-1



SCALE

1/4" = 1'-0"

ISSUE

Design Review 1	9.11.23
CD Review	10.17.23
CD Review 2	3.12.24
ABR Submission	4.16.24

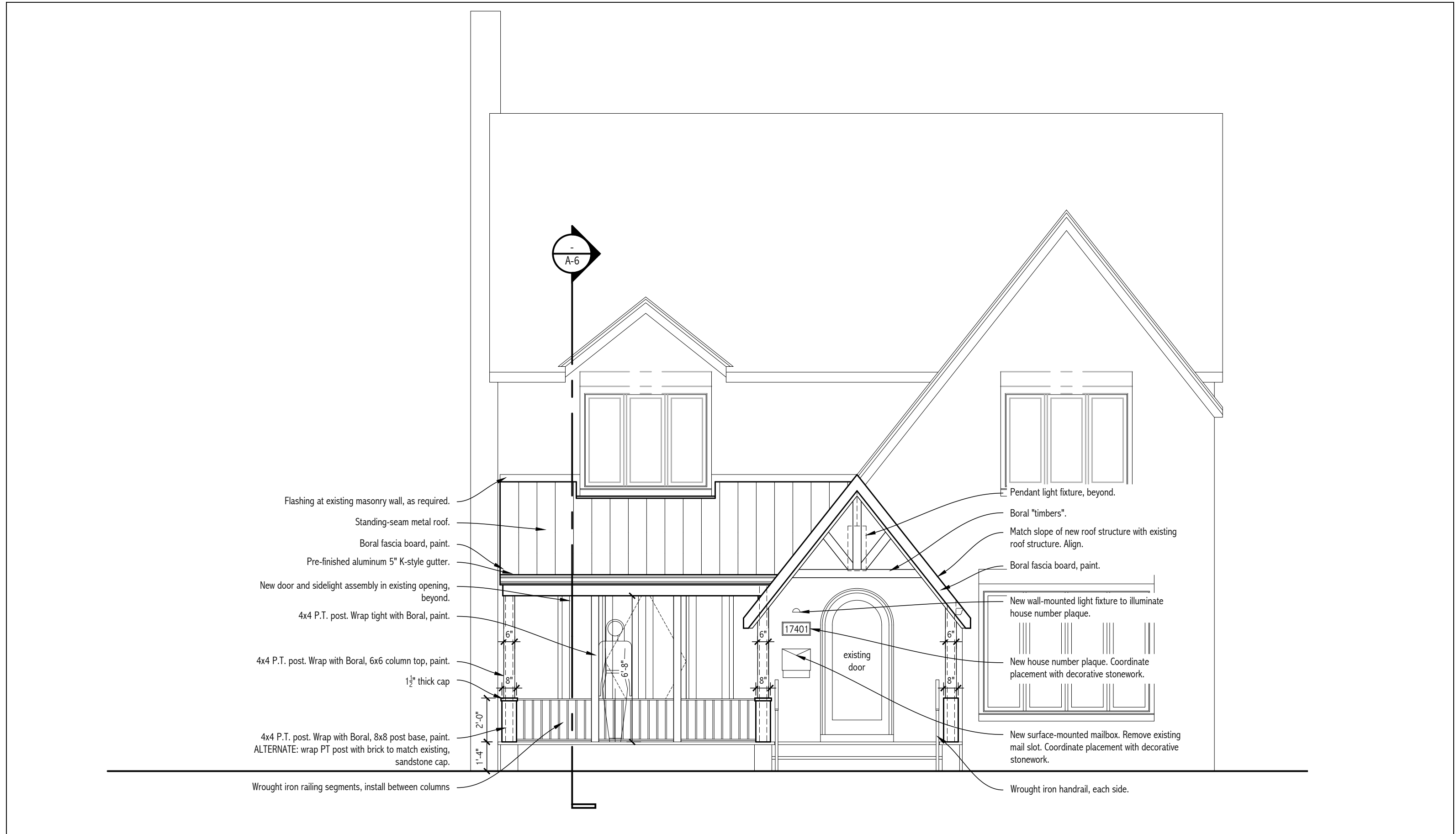
PROPOSED PLANS

GRADY RESIDENCE

17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107

DANE & STREET & STUDIO

A-2

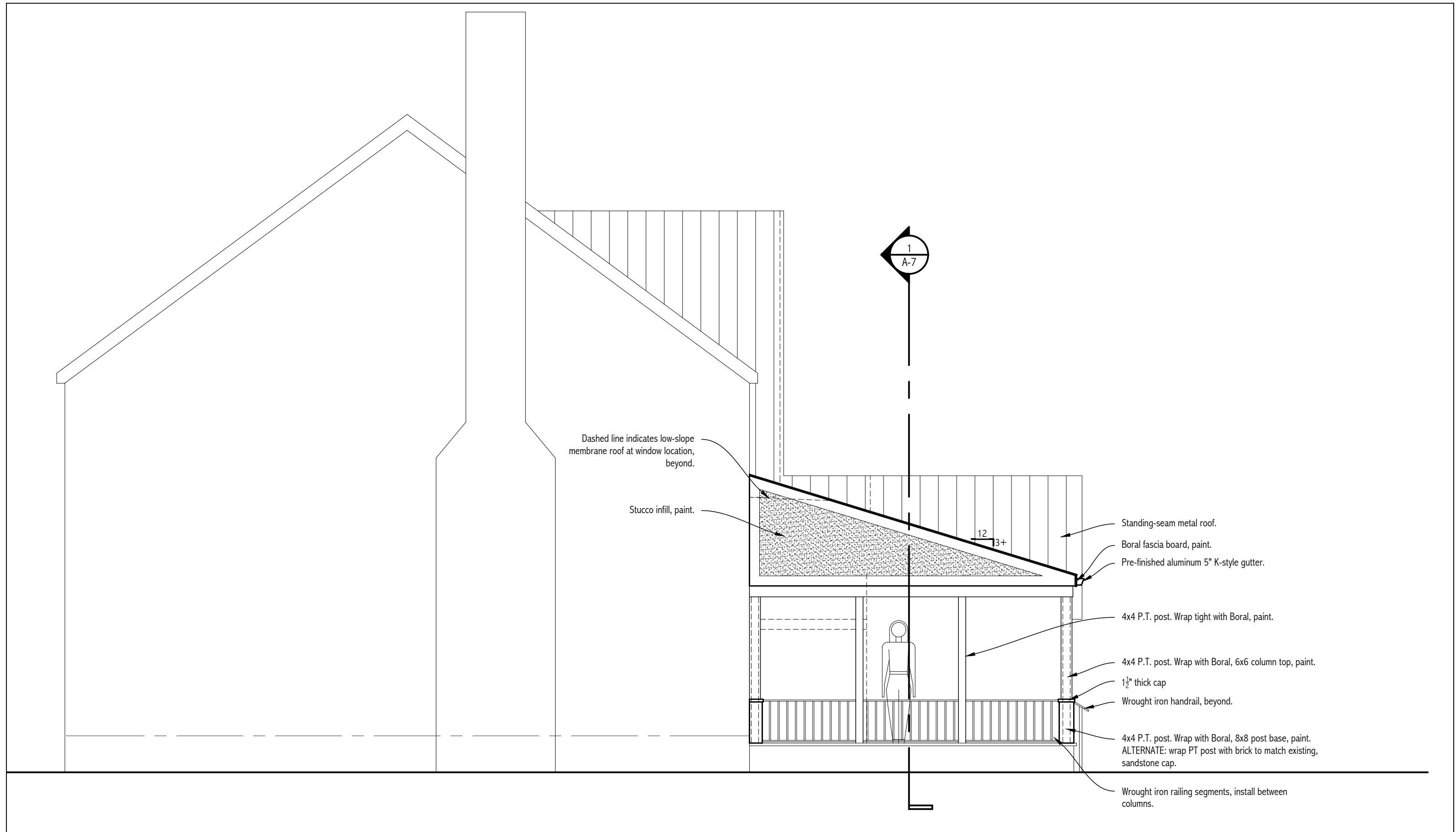


SCALE	ISSUE	
1/4" = 1'-0"	Design Review 1	9.11.23
	CD Review	10.17.23
	CD Review 2	3.12.24
	ABR Submission	4.16.24

EXTERIOR ELEVATION - NORTH

GRADY RESIDENCE
 17401 EDGEWATER DRIVE
 LAKEWOOD, OHIO 44107

DANE STREET STUDIO



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

Stucco infill, paint.

12
3+

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

1/4" = 1'-0"

ISSUE

Design Review 1	9.11.23
CD Review	10.17.23
CD Review 2	3.12.24
ABR Submission	4.16.24

EXTERIOR ELEVATION - EAST

GRADY RESIDENCE

17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107

DANE & STREET & STUDIO

A-4

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

1/4" = 1'-0"

ISSUE

CD Review	10.17.23
CD Review 2	3.12.24
ABR Submission	4.16.24

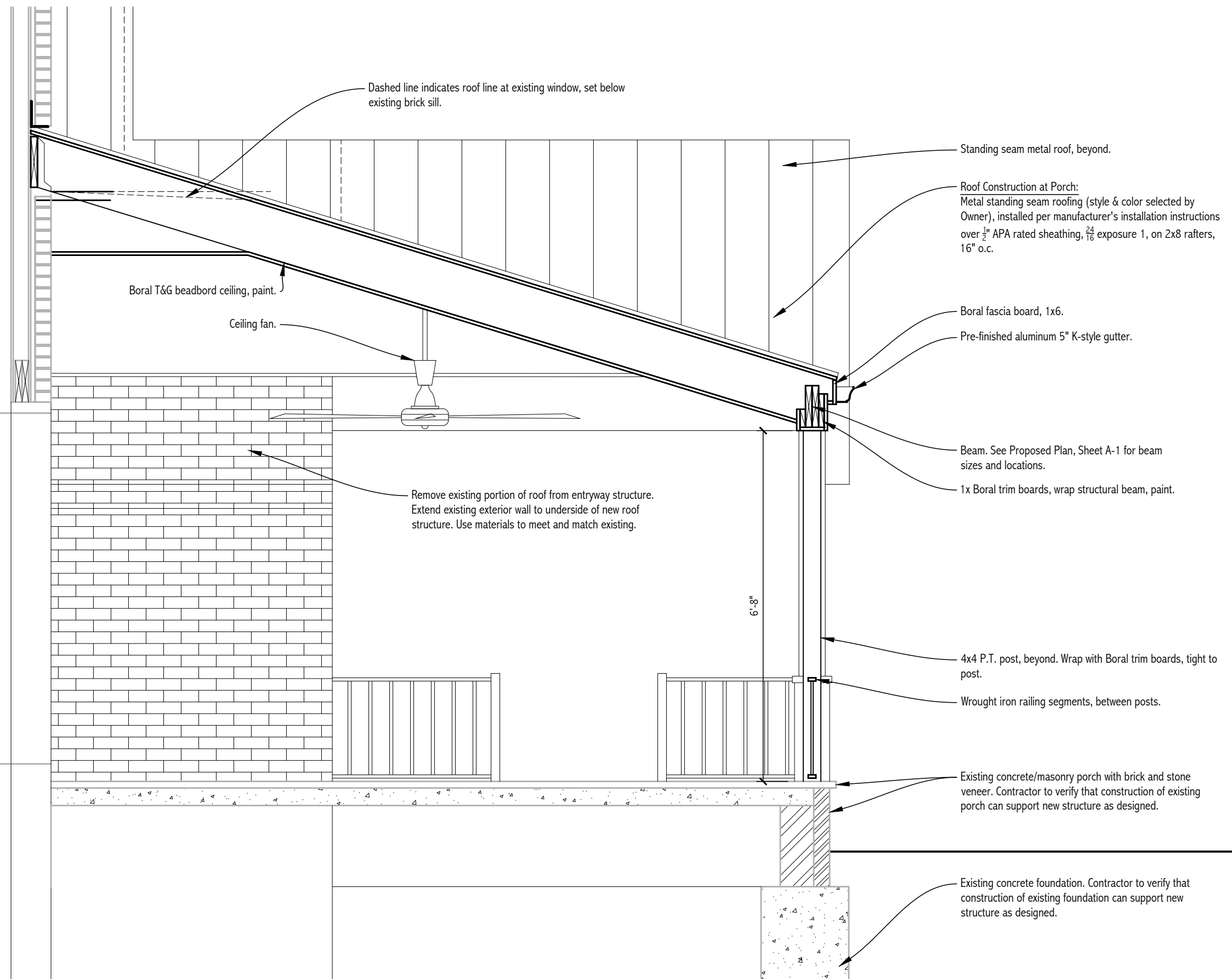
EXTERIOR ELEVATION - WEST

GRADY RESIDENCE

17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107

DANE & STREET & STUDIO

A-5



Dashed line indicates roof line at existing window, set below existing brick sill.

Standing seam metal roof, beyond.

Roof Construction at Porch:
Metal standing seam roofing (style & color selected by Owner), installed per manufacturer's installation instructions over $\frac{1}{2}$ " APA rated sheathing, $\frac{24}{16}$ exposure 1, on 2x8 rafters, 16" o.c.

Boral T&G beadbord ceiling, paint.

Ceiling fan.

Boral fascia board, 1x6.

Pre-finished aluminum 5" K-style gutter.

Remove existing portion of roof from entryway structure. Extend existing exterior wall to underside of new roof structure. Use materials to meet and match existing.

Beam. See Proposed Plan, Sheet A-1 for beam sizes and locations.

1x Boral trim boards, wrap structural beam, paint.

6'-5"

4x4 P.T. post, beyond. Wrap with Boral trim boards, tight to post.

Wrought iron railing segments, between posts.

Existing concrete/masonry porch with brick and stone veneer. Contractor to verify that construction of existing porch can support new structure as designed.

Existing concrete foundation. Contractor to verify that construction of existing foundation can support new structure as designed.

SECTION - NORTH/SOUTH

SCALE	ISSUE	
1/2" = 1'-0"	CD Review	10.17.23
	CD Review 2	3.12.24
	ABR Submission	4.16.24

GRADY RESIDENCE
17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107

DANE & STREET & STUDIO

A-6



HIP ROOF - Asphalt Shingle, Certainteed Landmark, at 2:12, Color: Driftwood

MAIN ROOF - Asphalt Shingle, Certainteed Grand Manor, Color: Stonegate Gray

SCALE

NA

ISSUE

ABR Submission
ABR Submission - Revised

4.16.24
6.4.24

MODEL - FRONT VIEW

GRADY RESIDENCE

17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107

DANE STREET STUDIO

A-8



HIP ROOF - Asphalt Shingle, Certainteed Landmark, at 2:12, Color: Driftwood

MAIN ROOF - Asphalt Shingle, Certainteed Grand Manor, Color: Stonegate Gray

SCALE

NA

ISSUE

ABR Submission
ABR Submission - Revised

4.16.24
6.4.24

MODEL - OBLIQUE, WEST

GRADY RESIDENCE

17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107

DANE STREET STUDIO

A-9



HIP ROOF - Asphalt Shingle, Certainteed Landmark, at 2:12, Color: Driftwood

MAIN ROOF - Asphalt Shingle, Certainteed Grand Manor, Color: Stonegate Gray

SCALE

NA

ISSUE

ABR Submission
ABR Submission - Revised

4.16.24
6.4.24

MODEL - OBLIQUE, EAST

GRADY RESIDENCE

17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107

DANE STREET STUDIO

A-10



SHED ROOF - 1" Mini Batten, Standing Seam Metal Roof at 3:12, Color: Champagne Metallic



FLAT ROOF



SHED ROOF - Asphalt Shingle, Certaineed Landmark, at 2:12, Color: Stonegate Gray



HIP ROOF - 1" Mini Batten, Standing Seam Metal Roof at 3:12, Color: Zinc Gray

SCALE

NA

ISSUE

ABR Submission - Revised

6.4.24

ROOF LINE EXPLORATION

GRADY RESIDENCE

17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107

DANE STREET STUDIO

A-11



From Street



From Street - East



From Street - West

SCALE

NA

ISSUE

ABR Submission

4.16.24

EXISTING PHOTOS - CONTEXT

GRADY RESIDENCE

17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107

DANE & STREET & STUDIO

E-0



Front Elevation - North



Existing Patio - Seating Area



Existing Patio - From West

SCALE

NA

ISSUE

ABR Submission

4.16.24

EXISTING PHOTOS

GRADY RESIDENCE

17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107

DANE & STREET & STUDIO

E-1



Existing Patio - From West



Existing Patio - From East



Existing Patio - From West

SCALE

NA

ISSUE

ABR Submission

4.16.24

EXISTING PHOTOS

GRADY RESIDENCE

17401 EDGEWATER DRIVE
LAKEWOOD, OHIO 44107

DANE & STREET & STUDIO

E-2



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

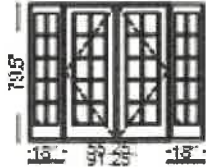
DANE & STREET & STUDIO

E-3



Line #	Location:	Attributes	Item Price	Qty	Ext'd Price
--------	-----------	------------	------------	-----	-------------

36 CUSTOM DOOR WIDTH



PK #
2164

Viewed From Exterior
Rough Opening: 92" X 80"

Pella® Reserve, , Traditional Inswing Door Sidelight, Double Inswing Door, Inswing Door Sidelight, 91.25 X 79.5, Tan

Item Price **Qty** **Ext'd Price**
 \$11,725.33 1 \$11,725.33

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

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

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"



Product Selection Guide

Size and Performance Data..... ISD-2

Sound Transmission Class and Outdoor-Indoor Transmission Class..... ISD-3

Features and Options ISD-4

Combination Assemblies ISD-5

Glazing Performance ISD-6

Impact-Resistant Glazing..... ISD-11

Grille Types

 Typical Grille Patterns ISD-13

 Custom Shapes ISD-14

Size Tables ISD-15

Special Sizes and Dimensions..... ISD-21

Design Data ISD-22

Detailed Product Descriptions

 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_fl.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-Elev_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

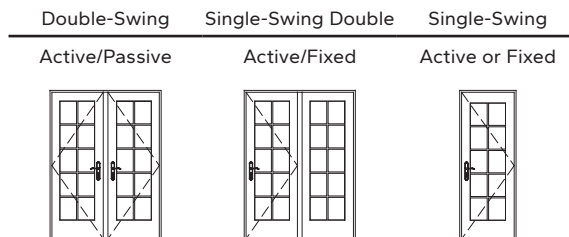
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Pella® Reserve™ Traditional In-Swing Patio Door

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.



Pella® Reserve™ Traditional In-Swing Patio Door

Size and Performance Data

		Clad	Wood	
Performance data 1				
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 ₃	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.



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	
Advanced Low-E	SunDefense™ Low-E
	SunDefense+ Low-E
	AdvancedComfort Low-E
	NaturalSun Low-E
	NaturalSun+ Low-E
	Clear (no Low-E coating)
Additional Glass Options	
Tempered Glass	Obscure Glass ¹
	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 ¹	Feature Colors, Custom Colors ¹
Sill Finish²	
Black	Mill finish
	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.



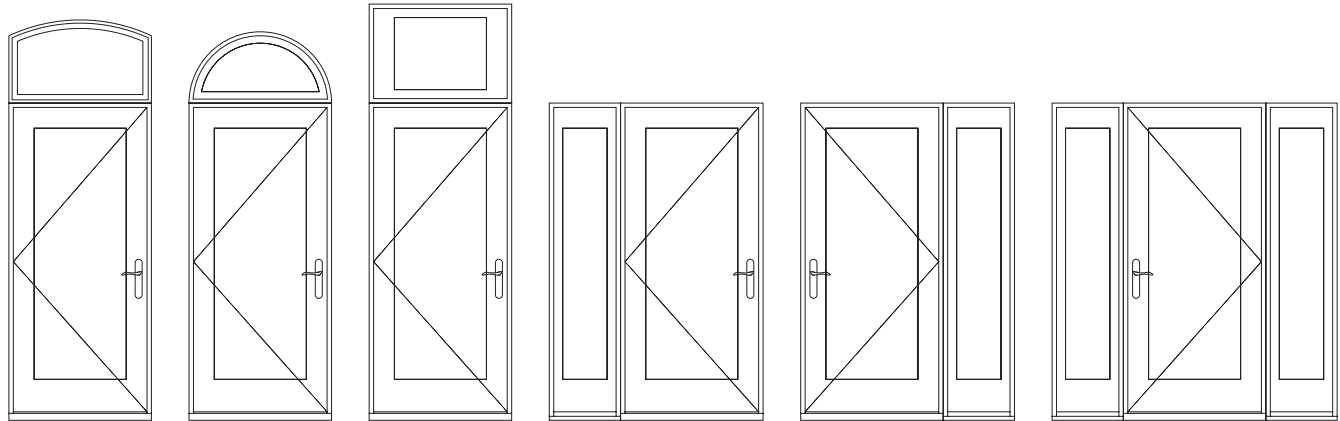
Pella® Reserve™ Traditional In-Swing Patio Door

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.



Arch Head over Single

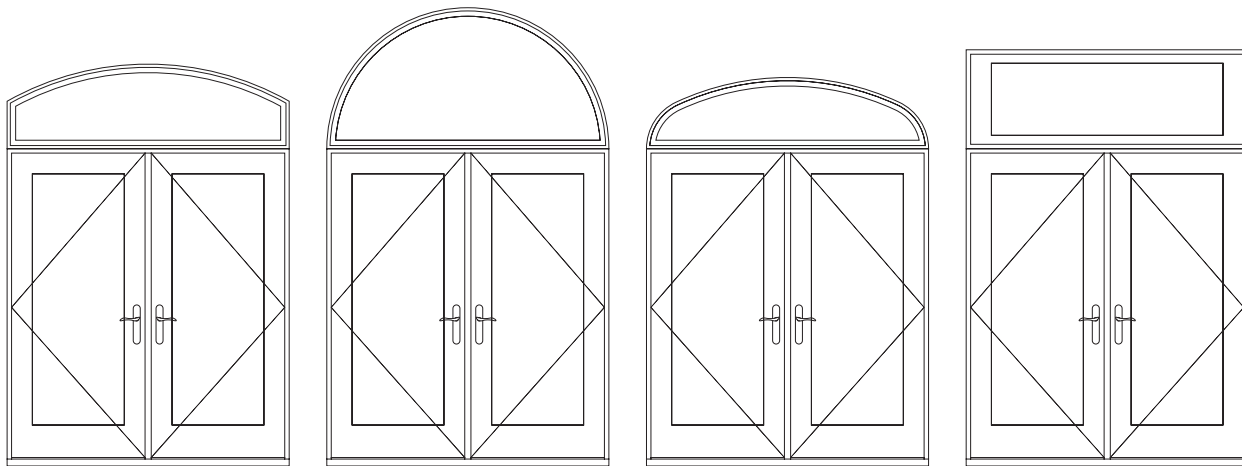
Half Circle over Single

Transom over Single₁

Single with Left Sidelight

Single with Right Sidelight

Single with Double Sidelight

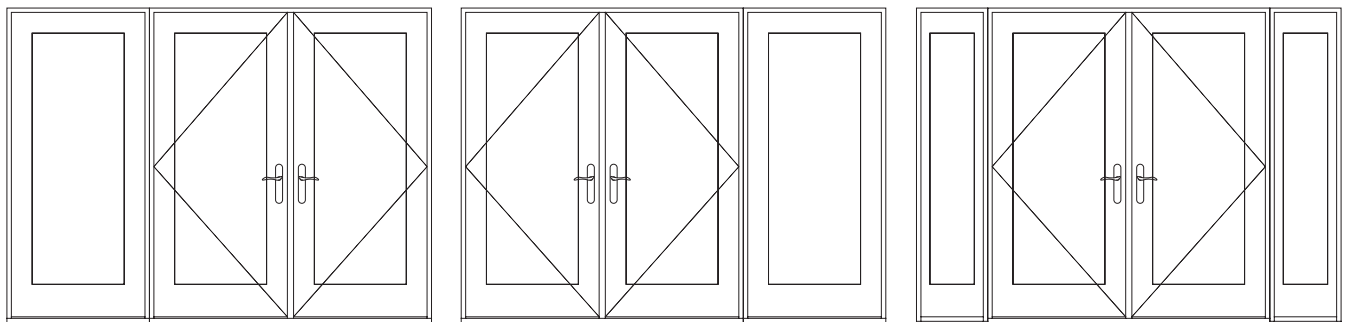


Arch Head over Double

Half Circle over Double

Elliptical over Double

Transom over Double



Double with Single Left

Double with Single Right

Double with Double Sidelights

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



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.	Int.		U-Factor	SHGC	VLT	CR	U. S.				Canada ²		
										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			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			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							

R-Value = 1/U-Factor
 SHGC = Solar Heat Gain Coefficient
 VLT % = Visible Light Transmission
 CR = Condensation Resistance
 ER = Canadian Energy Rating

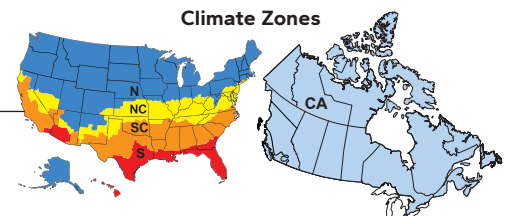
(1) Glazing performance values are calculated for Pine using NFRC 100, NFRC 200 and NFRC 500. Thermal performance of other wood species may vary. ENERGY STAR® values are updated to 2023 (Version 7) criteria.

(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

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	
Vent Triple-Pane Glazing - Aluminum-Clad Exterior											N	NC	SC	S			CA
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 = 1/U-Factor
 SHGC = Solar Heat Gain Coefficient
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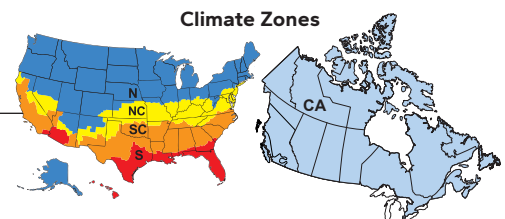
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(2) The values shown are based on Canada's updated ENERGY STAR® 2020 initiative.

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

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		
Vent Dual-Pane Glazing - Wood Exterior										N	NC	SC	S			CA	
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								

R-Value = 1/U-Factor, SHGC = Solar Heat Gain Coefficient
 VLT % = Visible Light Transmission, CR = Condensation Resistance
 ER = Canadian Energy Rating

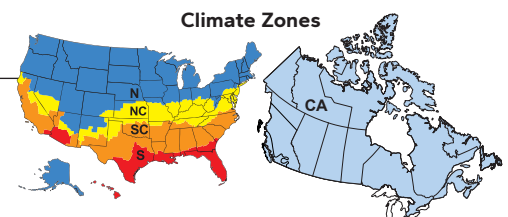
(1) Glazing performance values are calculated for Pine using NFRC 100, NFRC 200 and NFRC 500. Thermal performance of other wood species may vary. ENERGY STAR® values are updated to 2023 (Version 7) criteria.

(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

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	
Vent Triple-Pane Glazing - Wood Exterior											N	NC	SC	S			CA
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 = 1/U-Factor
 SHGC = Solar Heat Gain Coefficient
 VLT % = Visible Light Transmission
 CR = Condensation Resistance
 ER = Canadian Energy Rating

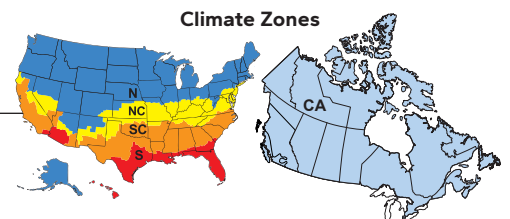
(1) Glazing performance values are calculated for Pine using NFRC 100, NFRC 200 and NFRC 500. Thermal performance of other wood species may vary. ENERGY STAR® values are updated to 2023 (Version 7) criteria.

(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

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
Vent - Laminated Impact-Resistant Glass										N	NC	SC	S	CA	
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 = 1/U-Factor
 SHGC = Solar Heat Gain Coefficient
 VLT % = Visible Light Transmission
 CR = Condensation Resistance
 ER = Canadian Energy Rating

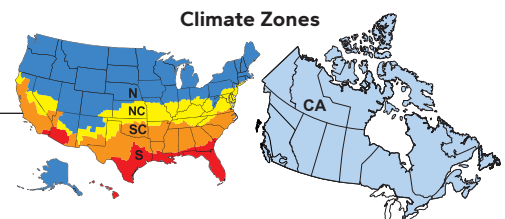
(1) Glazing performance values are calculated for Pine using NFRC 100, NFRC 200 and NFRC 500. Thermal performance of other wood species may vary. ENERGY STAR® values are updated to 2023 (Version 7) criteria.

(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.



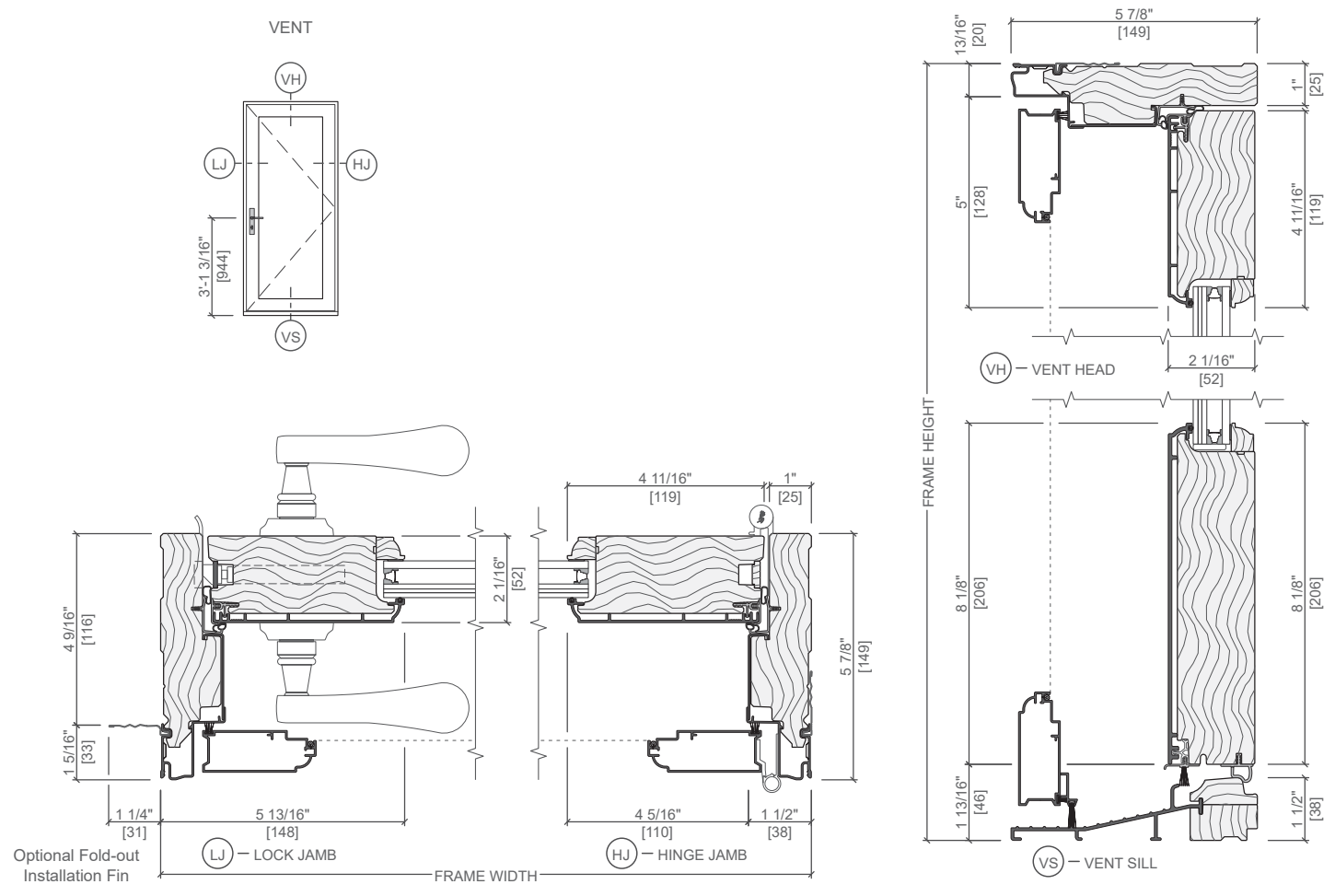


Pella® Reserve™ Traditional In-Swing Patio Door

Impact-Resistant Glass

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

	Clad
	7/8" Insulated Glass PVB
Maximum Performance Grade 1	
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.

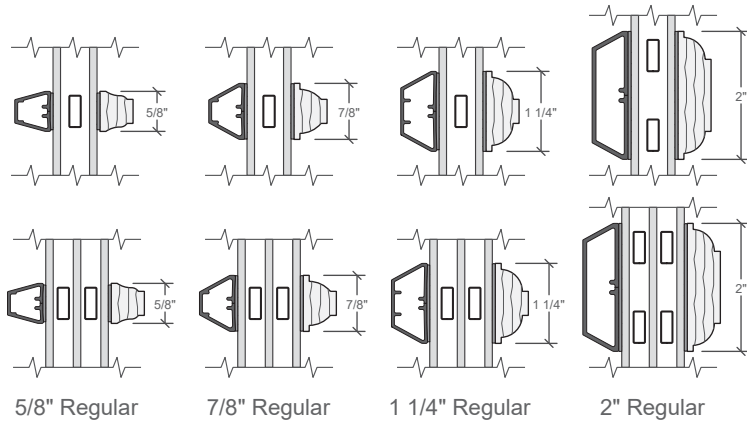
Doors with low profile sills, curved glass in rectangular panel, custom stiles and rails, and no-lock no-bore hardware options are not certified to above standards.



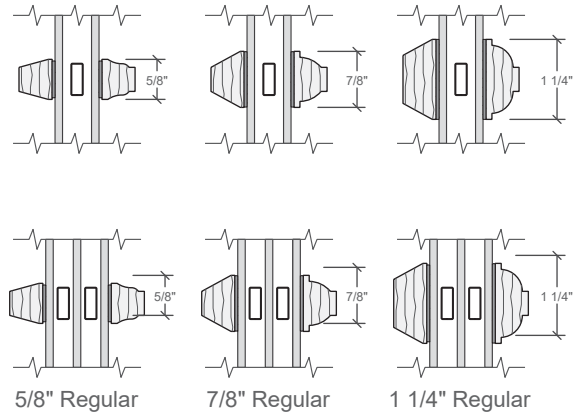
Grille Profiles

Traditional Style Collection - Integral Light Technology®

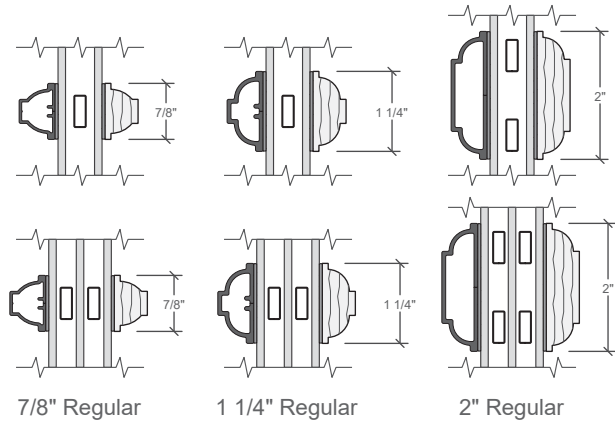
Putty Glaze and Ogee Grilles
Clad Exterior - Wood Interior



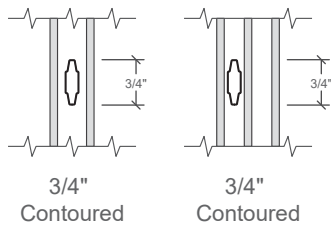
Putty Glaze and Ogee Grilles
Wood Exterior - Wood Interior



Ogee Grilles
Clad Exterior - Wood Interior



Grilles-Between-the-Glass



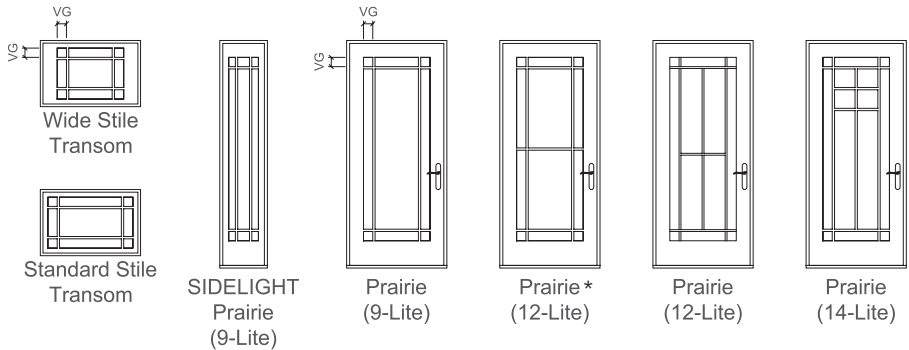
Interior wood Integral Light Technology grilles available in Pine, Mahogany or Douglas Fir to match complete unit.



Grille Patterns

Integral Light Technology® Grilles

Prairie Lite Patterns

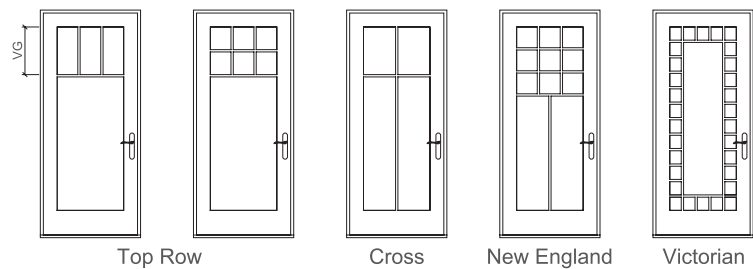


All sidelights and transoms will have 9 lights.
Standard corner lite dimension for Prairie patterns = 3-1/2" VG.

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

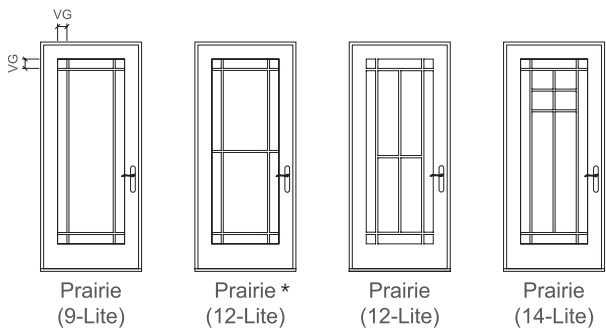
- Standard visible glass to separator bar = one-quarter of total visible glass height.

New England

- Standard visible glass to separator bar = half of total visible glass height.

Grilles-Between-the-Glass

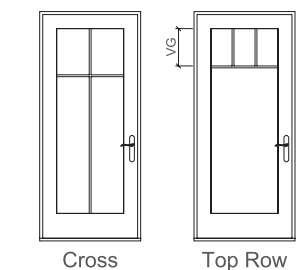
Prairie Lite Patterns



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.

VG = Visible Glass

Lite dimensions noted can vary.

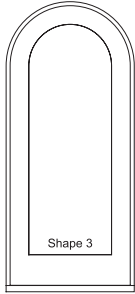
Custom configurations are available; for details contact your local Pella sales representative.



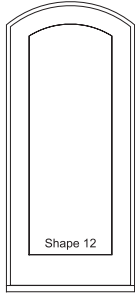
Pella® Reserve™ Traditional In-Swing Patio Door

Custom Shapes

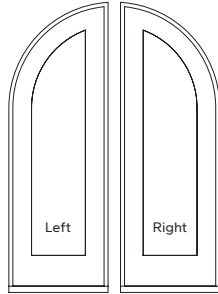
Pella Reserve In-Swing French doors are available in the additional shapes shown below, as well as custom shapes. For specifications, size limitations, and details on these units, contact your local Pella sales representative.



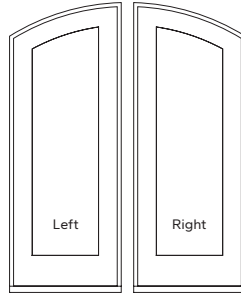
Full Springline



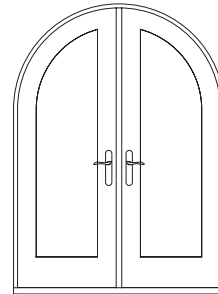
Full Arch Head



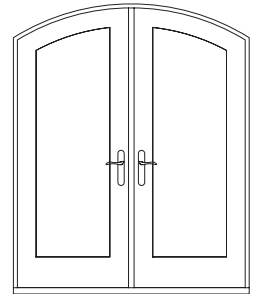
Partial Springline



Partial Arch Head



Shape 3 Full Springline



Shape 12 Full Arch Head



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 5/8"
Frame	1' 6"	2' 1 3/8"	2' 6"	2' 9 1/2"	3' 0"	3' 1 7/8"
(2 032) (2 019)						
6' 8"						
6' 7 1/2"	SIDELIGHT 1880	LEFT 2680	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' 8"					
6' 7 1/2"	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' 8"					
6' 7 1/2"	ACTIVE-PASSIVE 5080	ACTIVE-PASSIVE 6080	ACTIVE-PASSIVE 6780	ACTIVE-PASSIVE 7280	ACTIVE-PASSIVE 7580

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

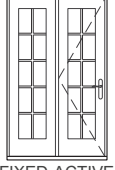
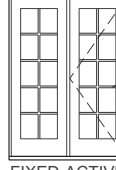
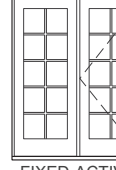
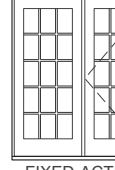
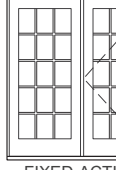
6' 10" Single Doors and Sidelight

	(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 5/8"
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

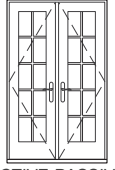
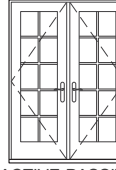

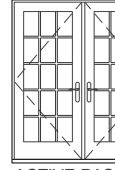
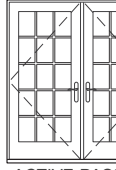
6' 10" Double-Swing Doors Fixed-Active

	(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.

All doors and sidelights are glazed with tempered glass.

Left-hand single doors shown, right-hand and fixed also available.

For Wood Units Only:

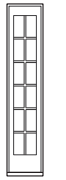
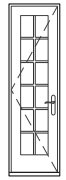
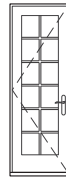
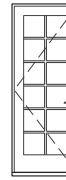
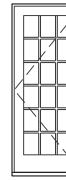
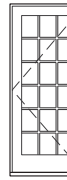
To determine masonry dimensions when using Pella 1-7/8" brickmould, add 1-5/8" to frame height and 3-1/8" to frame width. When using Pella 3-1/2" brickmould, add 6-3/8" to frame width and 3-1/4" to frame height.



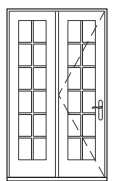
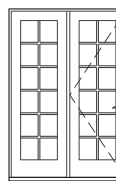
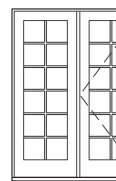
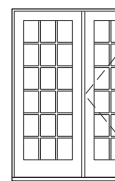
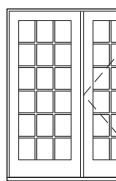
Pella® Reserve™ Traditional In-Swing Patio Door

Size Tables

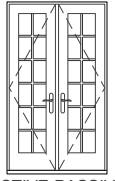
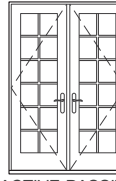
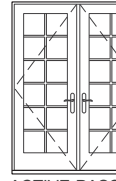
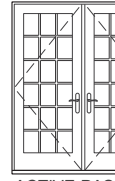
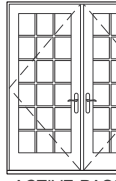
7' 2" Single Doors and Sidelight

	(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 5/8"
Frame	1' 6"	2' 1 3/8"	2' 6"	2' 9 1/2"	3' 0"	3' 1 7/8"
(2 197) (2 184) 7' 2 1/2" 7' 2"						
	SIDELIGHT	LEFT	LEFT	LEFT	LEFT	LEFT
	1886	2686	3086	3486	3686	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"
(2 197) (2 184) 7' 2 1/2" 7' 2"					
	FIXED-ACTIVE	FIXED-ACTIVE	FIXED-ACTIVE	FIXED-ACTIVE	FIXED-ACTIVE
	5086	6086	6786	7286	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"
(2 197) (2 184) 7' 2 1/2" 7' 2"					
	ACTIVE-PASSIVE	ACTIVE-PASSIVE	ACTIVE-PASSIVE	ACTIVE-PASSIVE	ACTIVE-PASSIVE
	5086	6086	6786	7286	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 5/8"
Frame	1' 6"	2' 1 3/8"	2' 6"	2' 9 1/2"	3' 0"	3' 1 7/8"
(2 438) (2 426) 8' 0" 7' 11 1/2"						
	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"
(2 438) (2 426) 8' 0" 7' 11 1/2"					
	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"
(2 438) (2 426) 8' 0" 7' 11 1/2"					
	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.



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 5/8"
Frame	2' 1 3/8"	2' 6"	2' 9 1/2"	3' 0"	3' 1 7/8"

(3 048) (3 035)	10' 0"					
	9' 11 1/2"					
		LEFT 26120	LEFT 30120	LEFT 34120	LEFT 36120	LEFT 38120

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"

(3 048) (3 035)	10' 0"					
	9' 11 1/2"					
		ACTIVE-PASSIVE 50120	ACTIVE-PASSIVE 60120	ACTIVE-PASSIVE 67120	ACTIVE-PASSIVE 72120	ACTIVE-PASSIVE 75120

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

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 5/8"
Frame	2' 1 3/8"	2' 6"	2' 9 1/2"	3' 0"	3' 1 7/8"
(375) (356)					
(451) (432)					
(654) (635)					

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"

Standard Stile Transoms for Single Doors

(375) (356)					
(451) (432)					
(654) (635)					

Standard Stile Transoms for Double Doors

Fixed Frame Direct Sets for Single Doors GBG Only

(375) (356)					
(451) (432)					
(654) (635)					

Fixed Frame Direct Sets for Double Doors GBG Only

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 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

Special Sizes and Dimensions

Special Size Frame Dimensions₁

Door Type	Standard Doors				Products with Impact-Resistant Glass ₂			
	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" (457)	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)

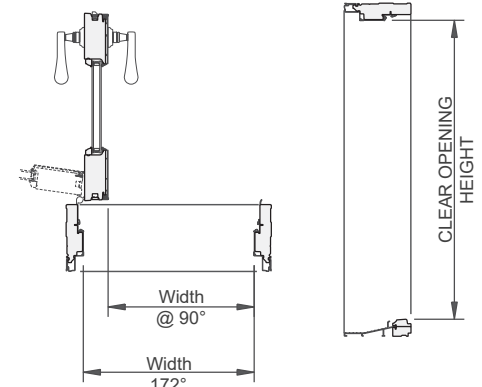
Hinged Door Screen Availability₂

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)

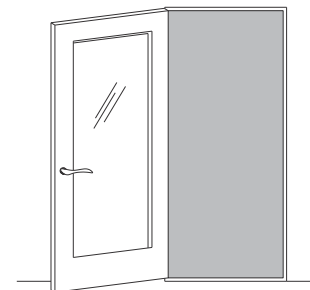
Miscellaneous Formulas

	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"	FH - 15-3/4"	FW - 5-5/8"	FH - 4-3/8"
Single Doors	FW - 11-5/8"		FW - 10-5/8"	
Double Doors	FW - 11-5/8"		(FW ÷ 2) - 10-1/4"	

Clear Opening Schematic



CLEAR OPENING WIDTH



Shaded portion shows vent area of door.

	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) ¹				Vent Area (Standard Sill)	Vent Area (ADA Sill)	Visible Glass Ft ²	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	
6' 7-1/2" DOORS	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.



Pella® Reserve™ Traditional In-Swing Patio Door

Design Data

In-Swing French Design Data												
Unit	Single and Double Doors	Clear Opening (Inches) ₁				Vent Area (Standard Sill)	Vent Area (ADA Sill)	Visible Glass Ft ²	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	
6' 10" DOORS	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
7' 2" DOORS	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.



Pella® Reserve™ Traditional In-Swing Patio Door

Design Data

In-Swing French Design Data												
Unit	Single and Double Doors	Clear Opening (Inches) ₁				Vent Area (Standard Sill)	Vent Area (ADA Sill)	Visible Glass Ft ²	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	
8' 0" DOORS	2696	L/R	22-5/16	20-1/16	92-7/16	93-1/2	14.3	14.5	7.6	3	3	LC55
	3096	L/R	26-15/16	24-11/16	92-7/16	93-1/2	17.3	17.5	10.2	3	3	LC55
	3496	L/R	30-7/16	28-3/16	92-7/16	93-1/2	19.5	19.8	12.1	3	3	LC55
	3696	L/R	32-15/16	30-11/16	92-7/16	93-1/2	21.1	21.4	13.5	3	3	LC55
	3896	L/R	34-13/16	32-9/16	92-7/16	93-1/2	22.4	22.6	14.5	3	3	LC55
	5096	FA / AF	22-5/16	20-1/16	92-7/16	93-1/2	14.3	14.5	15.2	3	3	LC55
	6096	FA / AF	26-15/16	24-11/16	92-7/16	93-1/2	17.3	17.5	20.4	3	3	LC55
	6796	FA / AF	30-7/16	28-3/16	92-7/16	93-1/2	19.5	19.8	24.2	3	3	LC55
	7296	FA / AF	32-15/16	30-11/16	92-7/16	93-1/2	21.1	21.4	27.0	3	3	LC55
	7596	FA / AF	34-13/16	32-9/16	92-7/16	93-1/2	22.4	22.6	29.1	3	3	LC55
	5096	PA / AP	47 / 22-1/4	42-1/2 / 20	92-7/16	93-1/2	30.2	30.5	15.2	3	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	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	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	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	3	LC55
10' 0" DOORS	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	42-1/2 / 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 Ft ²	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.



Pella® Reserve™ Traditional In-Swing Patio Door

Design Data

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	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 Ft²	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.



Detailed Product Descriptions - Aluminum-Clad 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 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" (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 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 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-durometer extruded polymer along perimeter of door frame. On bottom panels, dual-durometer 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] [SunDefense™] [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.
Silicone-glazed, 1" triple-pane, dual-seal, insulating glass
[Obscure Low-E [with argon]] [[Advanced] [SunDefense™] [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]1.
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]1.

Interior

- [Unfinished, ready for site finishing] [factory primed with one coat acrylic latex] [factory prefinished [paint] [stain]1].

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.
Grilles-Between-the-Glass2
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 3] [Brown 3] [Putty 3] [Black] [Ivory] [Harvest] [Cordovan] [Brickstone].
Exterior color 4 is [Standard]1.

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].
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.

(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 GBG 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.



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] [Custom₃]] 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] [Custom₃]] 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-durometer extruded polymer along perimeter of door frame. On bottom panels, dual-durometer 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]₃].

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]₃].
 - 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-Glass₂
 - 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] [Tan₂] [Brown₂] [Putty₂] [Black] [Ivory] [Harvest] [Cordovan] [Brickstone].
 - Exterior color₄ is [Standard₃].

Sensors

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

(1) Available in clear or Low-E insulating glass with argon, and obscure insulated glass.

(2) Tan, Brown and Putty Interior GBG colors are available in single-tone (Brown/Brown, Tan/Tan or Putty/Putty). Other interior colors are also available with Tan or Brown exterior.

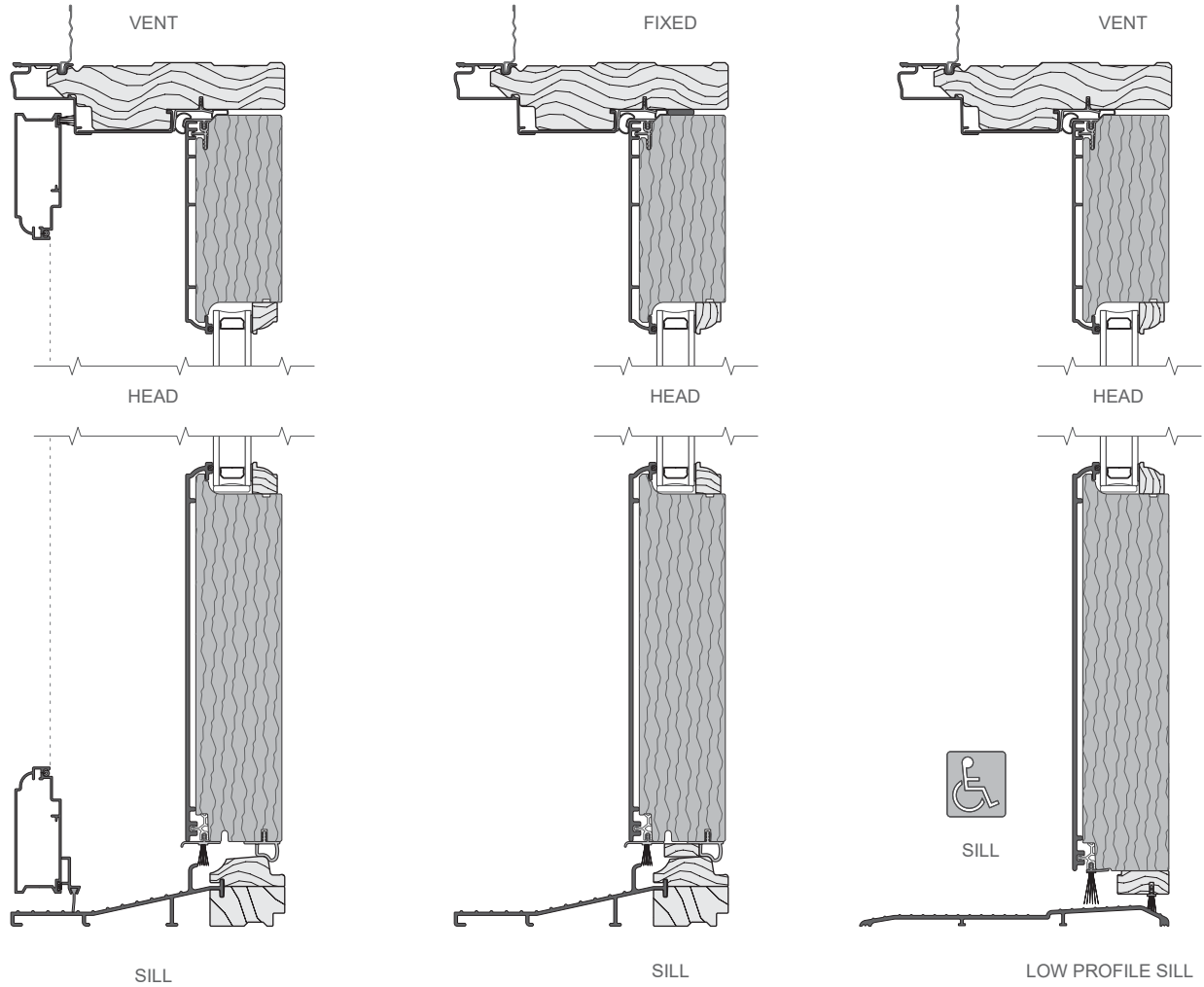
(3) Contact your local Pella sales representative for current color options.




(4) Appearance of exterior grille color will vary depending on Low-E coating on glass.



Pella® Reserve™ Traditional In-Swing Patio Door

Unit Sections – Aluminum-Clad Exterior - Wood Collection



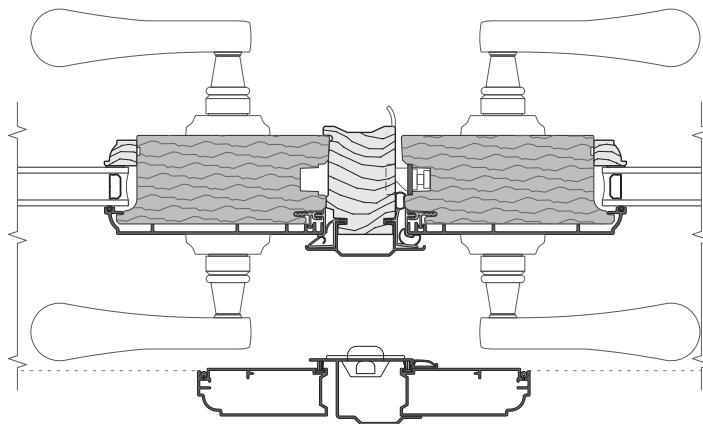
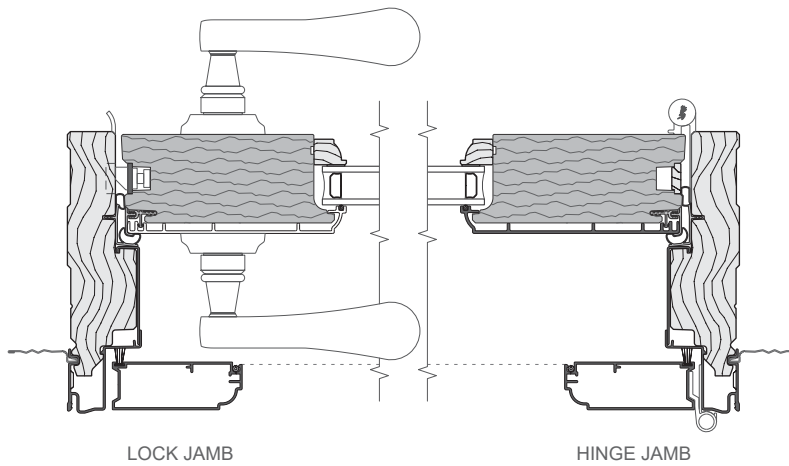
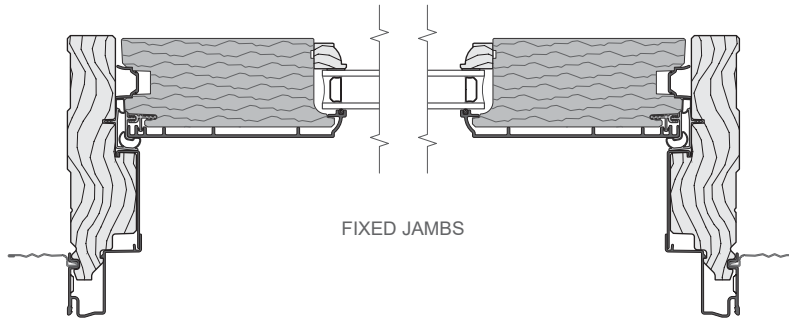
-  Solid Mahogany
-  Core with Mahogany Veneer
-  Painted Pine

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 - Wood Collection



PASSIVE / ACTIVE
ASTRAGAL



Solid Mahogany



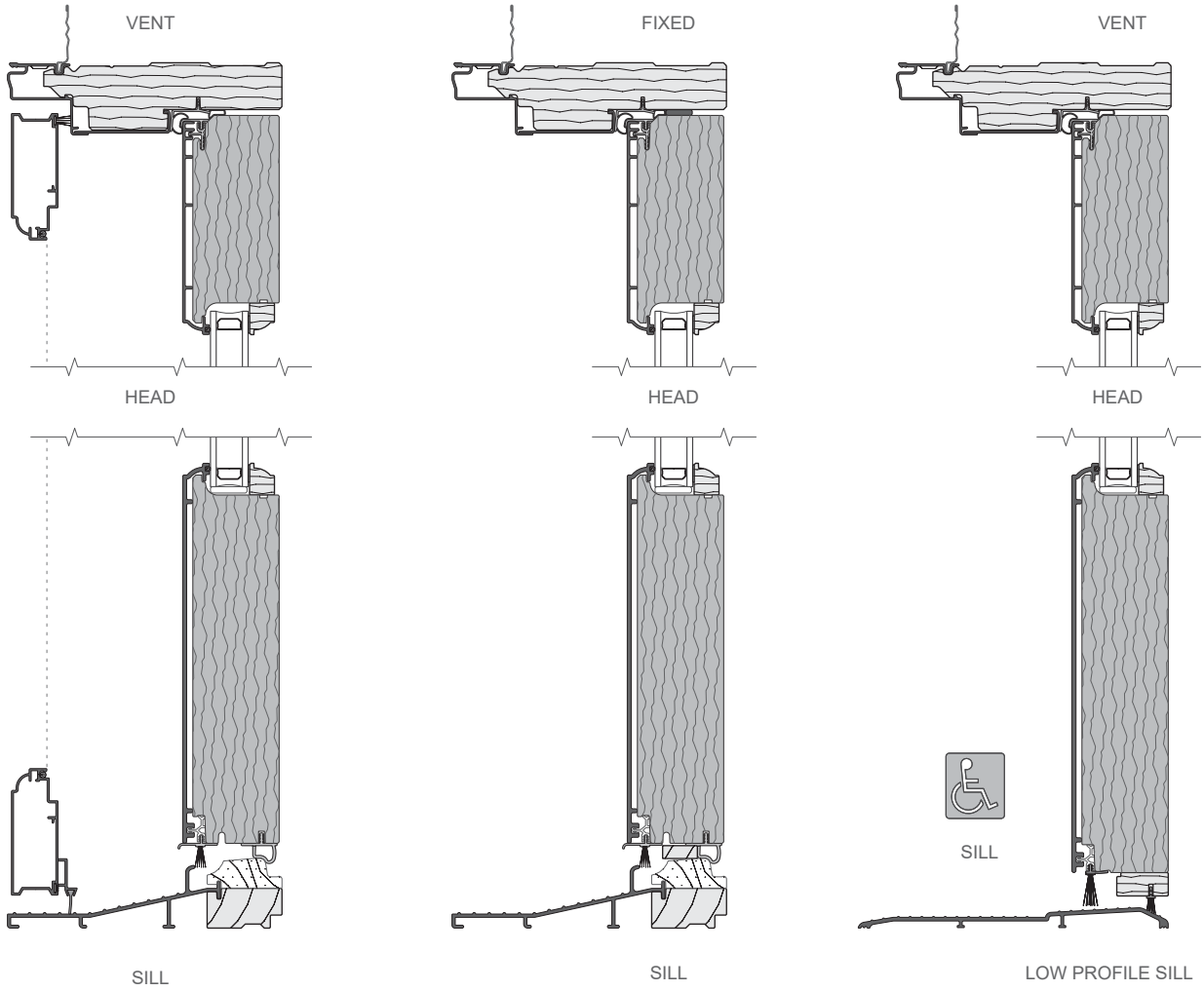
Core with Mahogany Veneer





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



Pella® Reserve™ Traditional In-Swing Patio Door

Unit Sections – Aluminum-Clad Exterior - Wood Collection



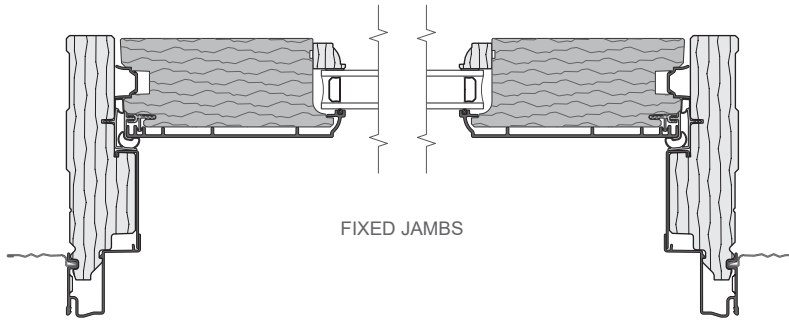
-  Alder, Douglas Fir or Pine
-  Core with Alder, Douglas Fir or Pine Veneer
-  Solid Pine
-  Oak

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

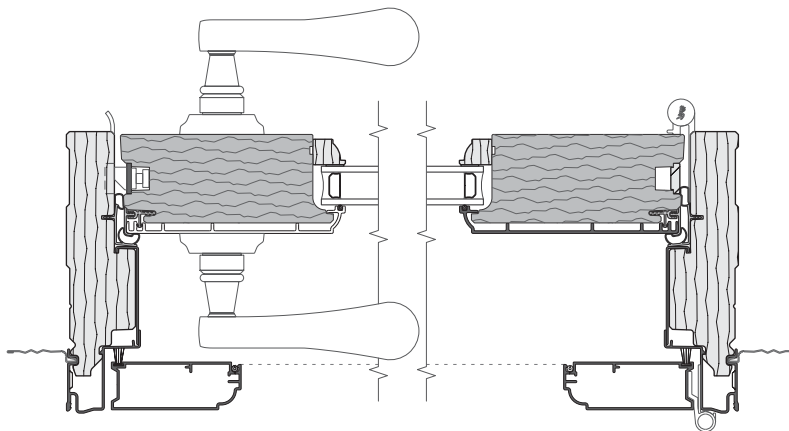


Pella® Reserve™ Traditional In-Swing Patio Door

Unit Sections – Aluminum-Clad Exterior - Wood Collection

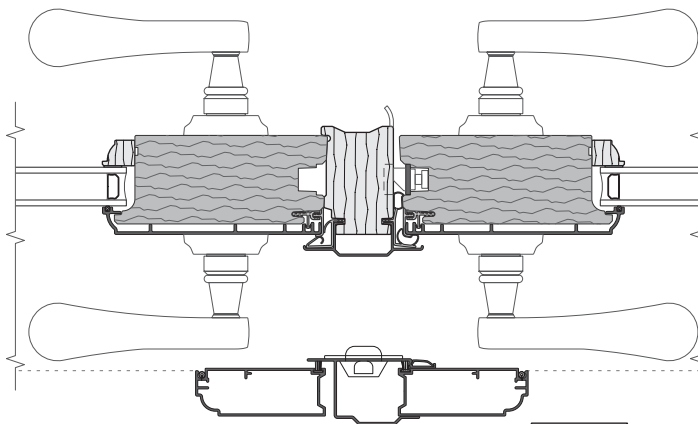


FIXED JAMBS



LOCK JAMB

HINGE JAMB



PASSIVE / ACTIVE ASTRAGAL



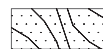
Alder, Douglas Fir or Pine



Core with Alder, Douglas Fir or Pine Veneer



Solid Pine



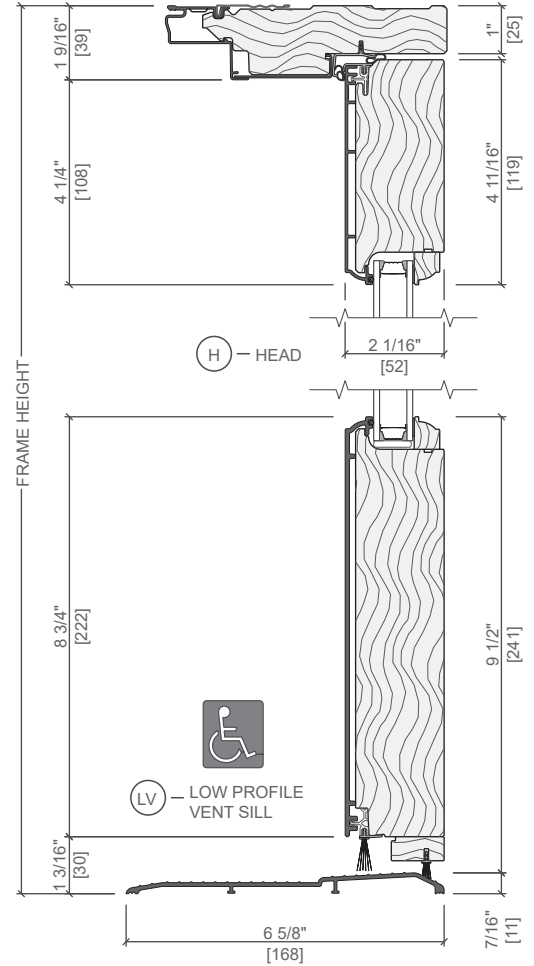
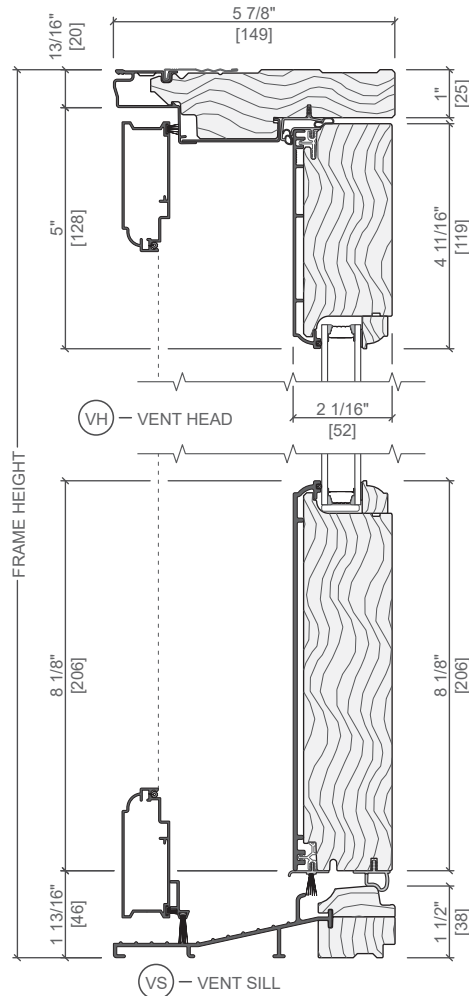
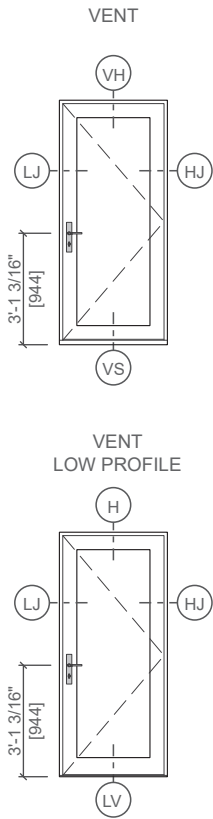
Oak

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

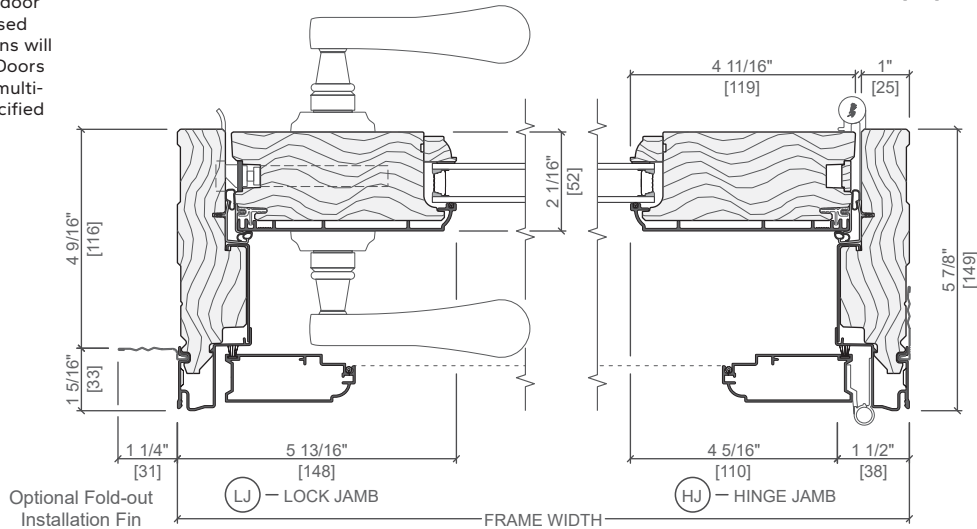


Pella® Reserve™ Traditional In-Swing Patio Door

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.



Scale 3" = 1' 0"

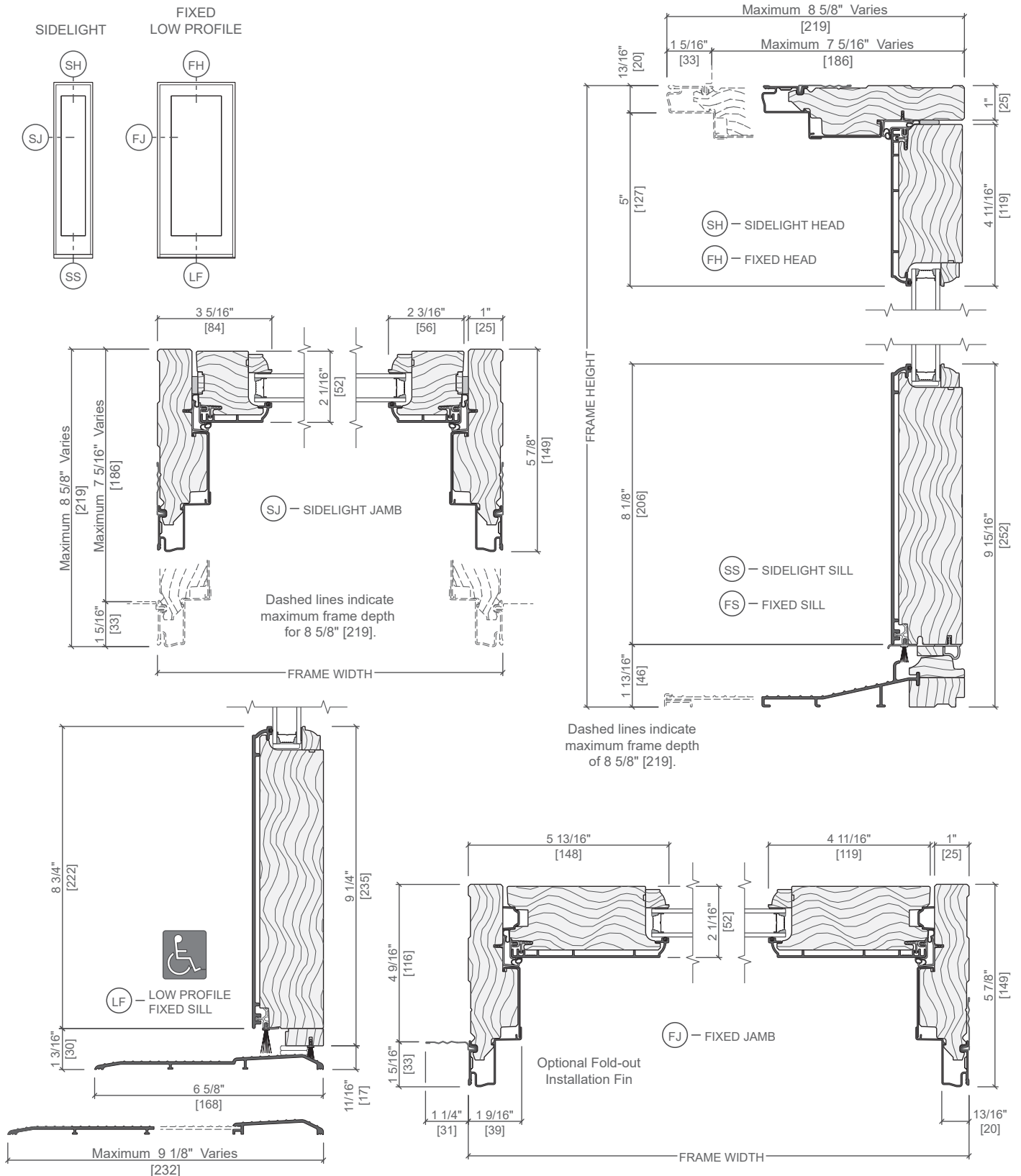
All dimensions are approximate.

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"

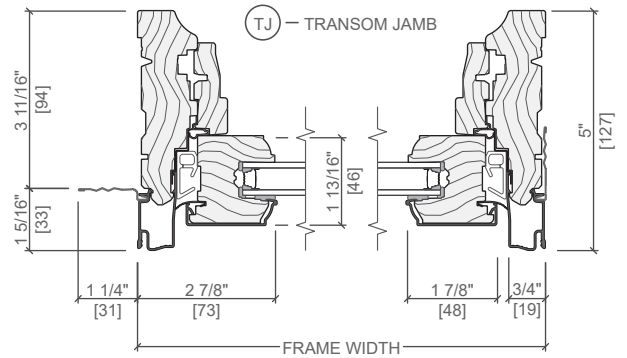
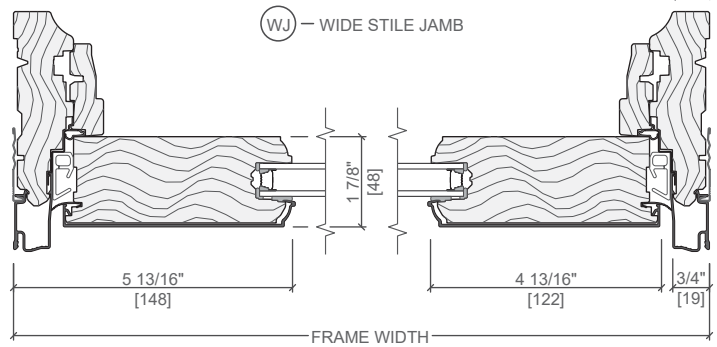
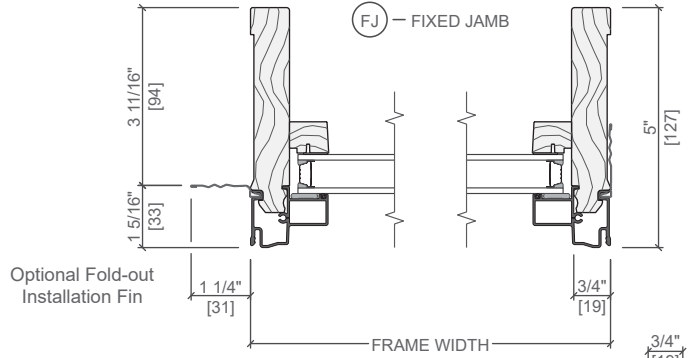
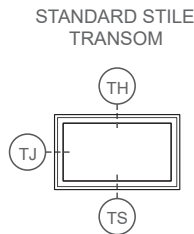
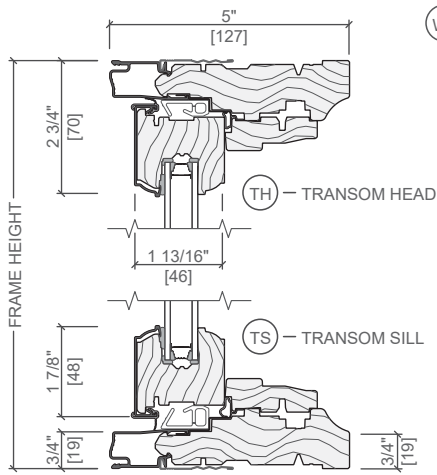
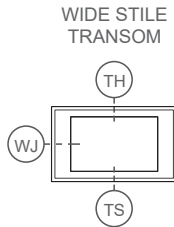
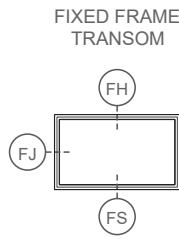
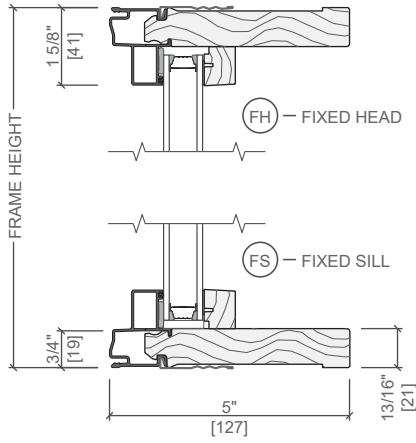
All dimensions are approximate.

Water resistance is 0 psf for doors with low profile sill.

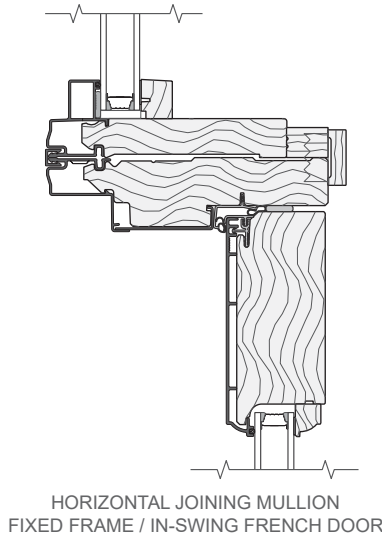
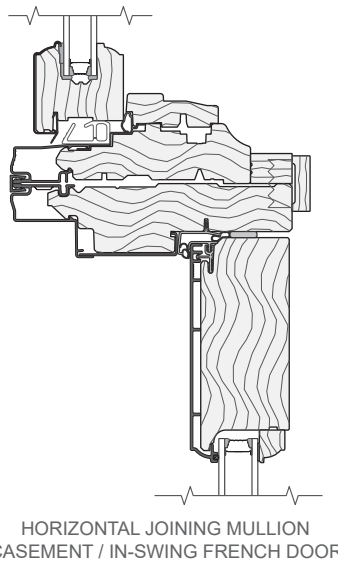


Pella® Reserve™ Traditional In-Swing Patio Door

Unit Sections – Aluminum-Clad Exterior, Ogee Exterior Profile



Typical Joining Mullions



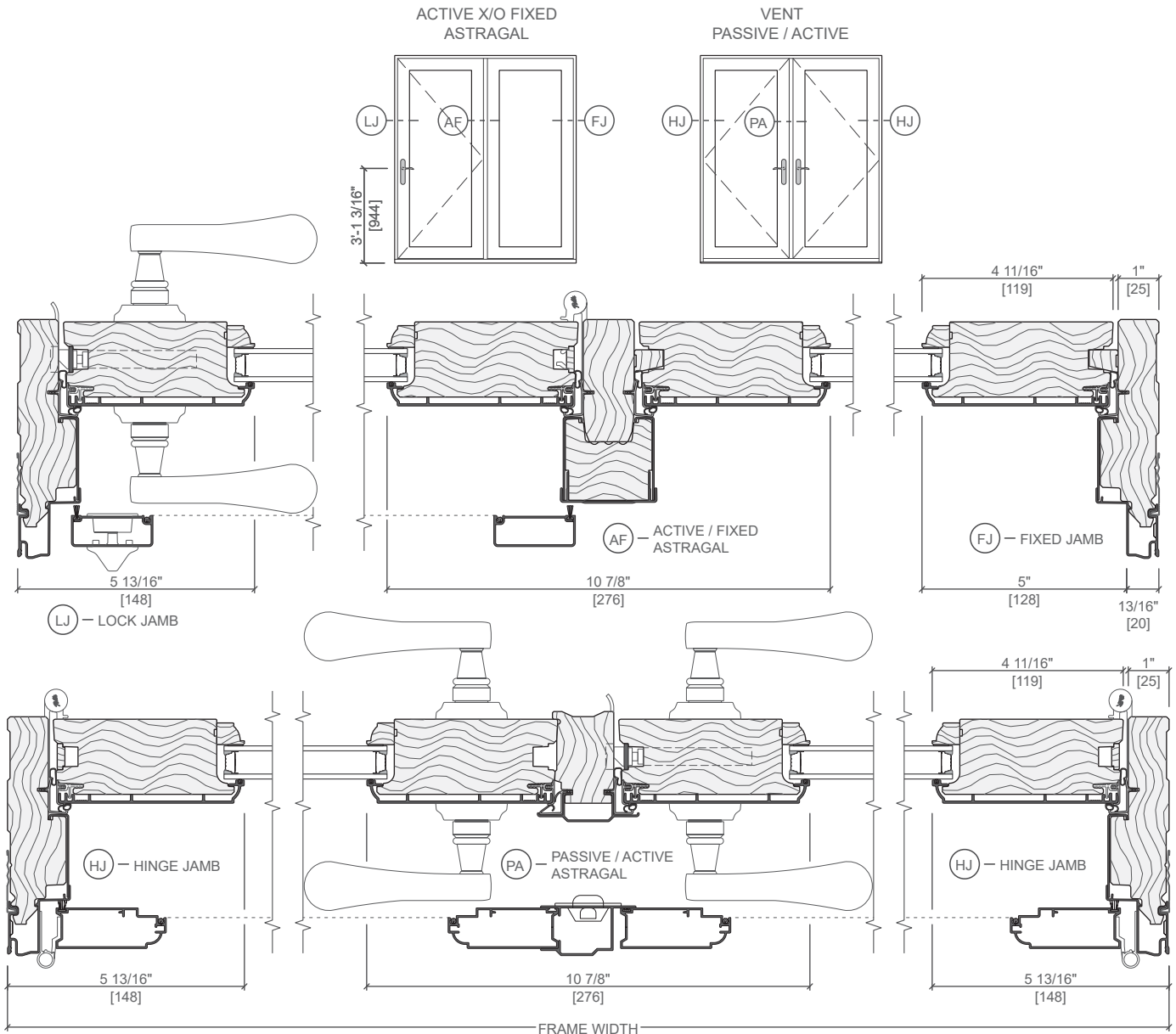
Scale 3" = 1' 0"
All dimensions are approximate.

See www.Pella.com for mullion limitations and reinforcing requirements.

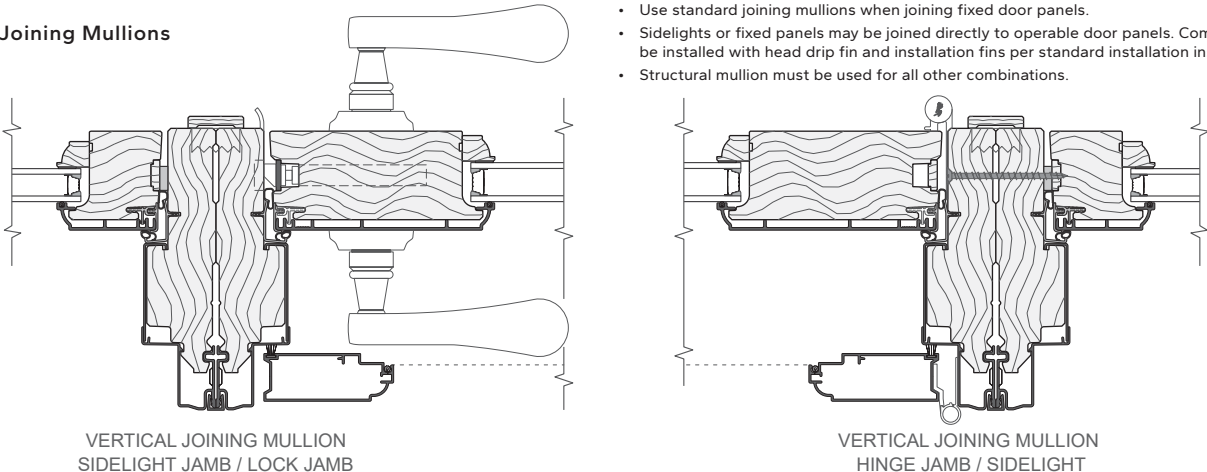


Pella® Reserve™ Traditional In-Swing Patio Door

Unit Sections – Aluminum-Clad Exterior, Ogee Exterior Profile



Typical Joining Mullions



- 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.

Scale 3" = 1' 0"

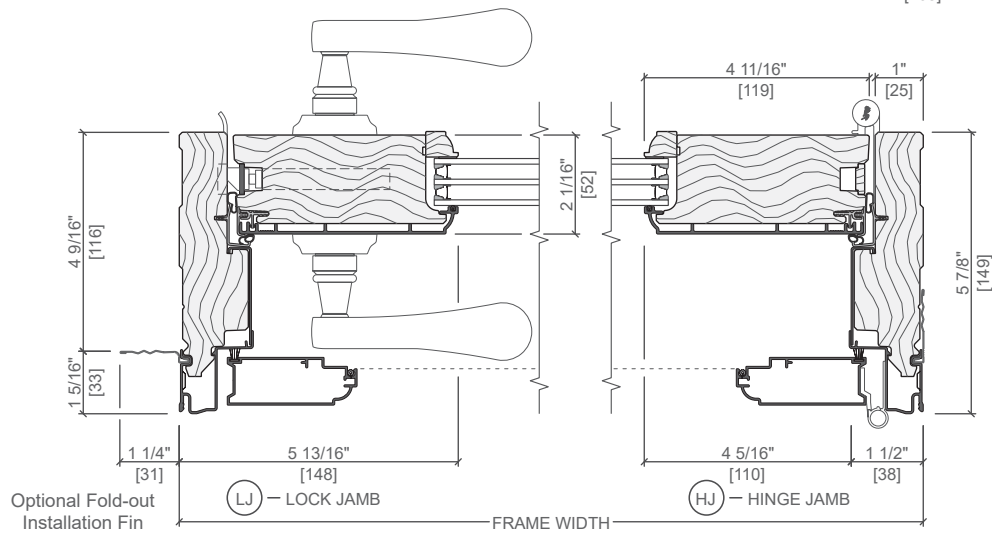
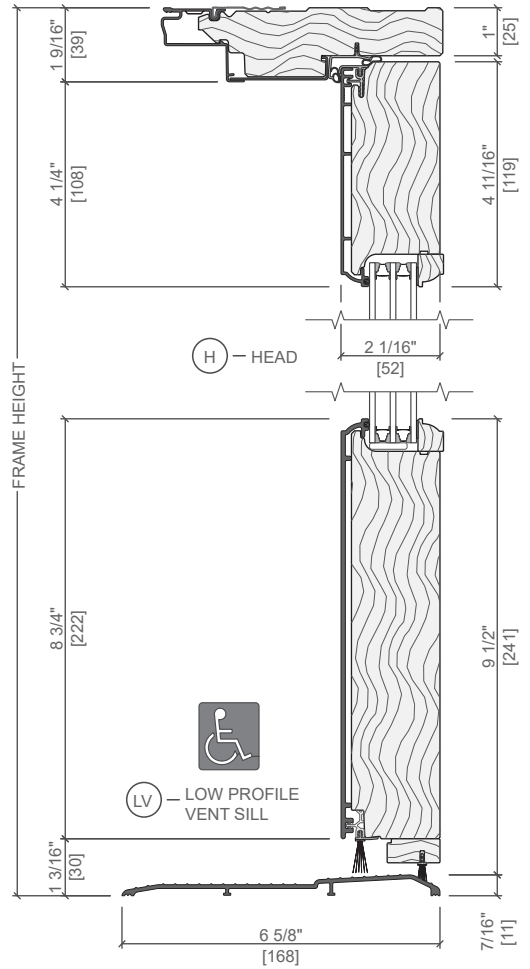
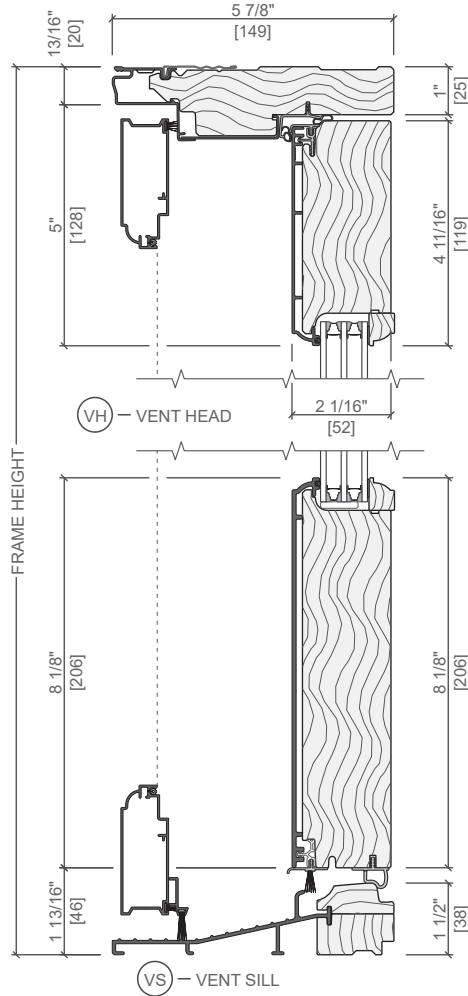
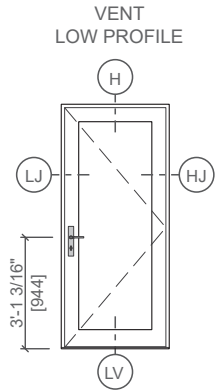
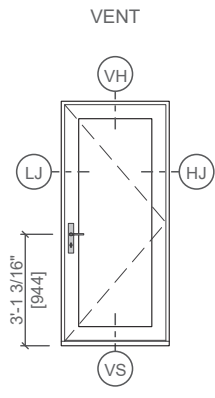
All dimensions are approximate.

rev. 8/30/21



Pella® Reserve™ Traditional In-Swing Patio Door

Unit Sections – Aluminum-Clad Exterior, Ogee Exterior Profile, Triple-Pane



Scale 3" = 1' 0"

All dimensions are approximate.

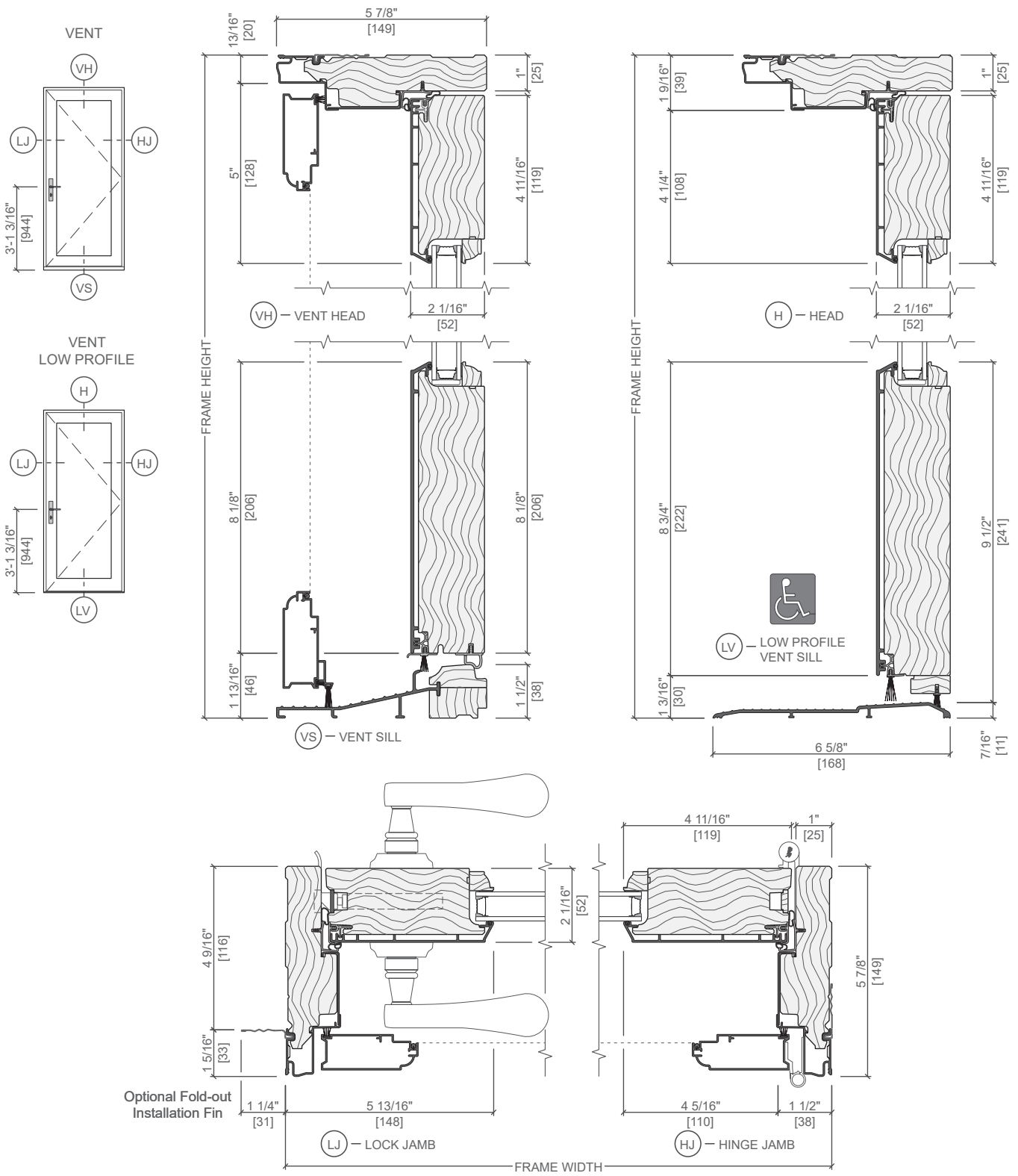
Water resistance is 0 psf for doors with low profile sill

rev. 10/20/21



Pella® Reserve™ Traditional In-Swing Patio Door

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



Scale 3" = 1' 0"

All dimensions are approximate.

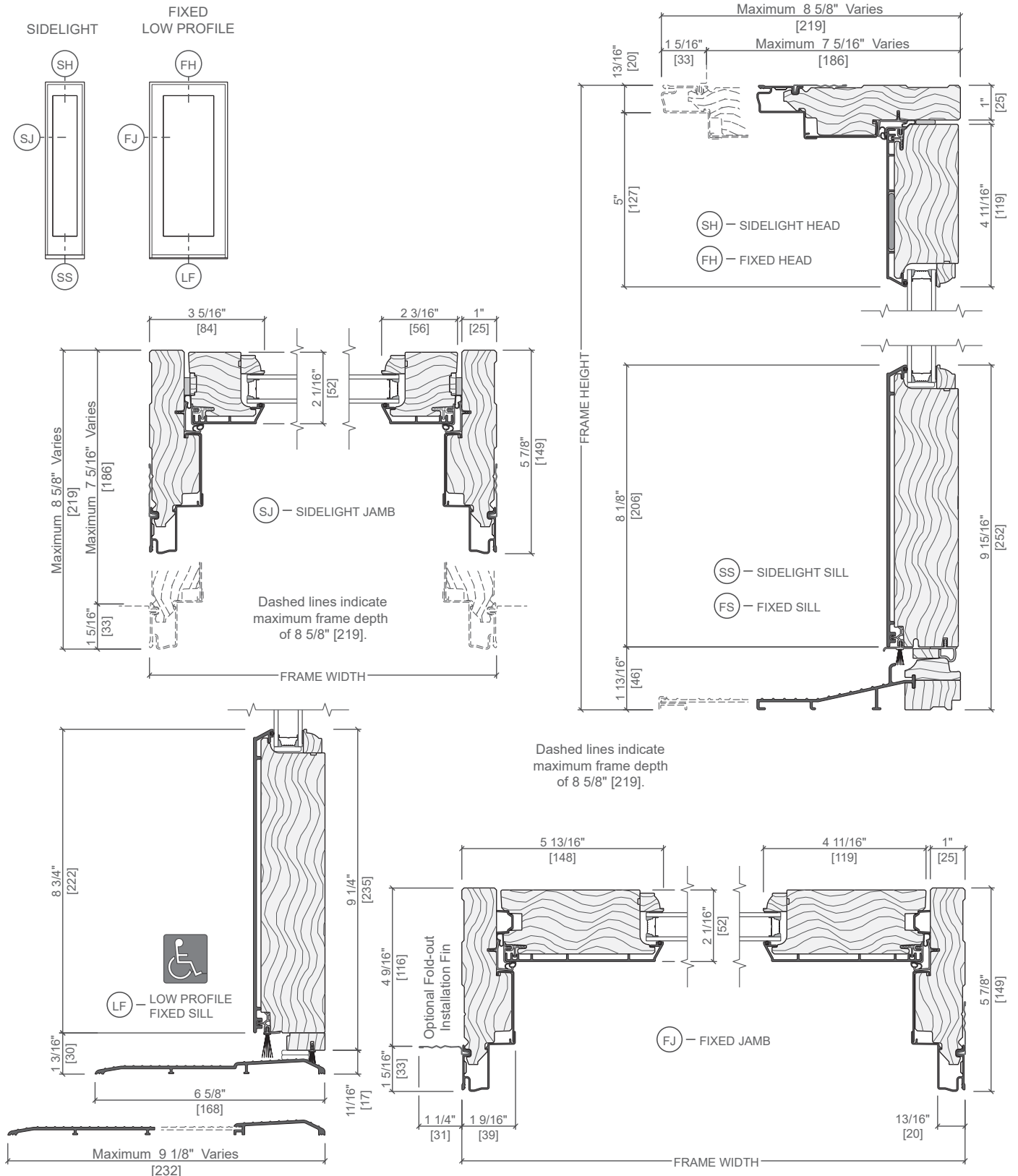
Water resistance is 0 psf for doors with low profile sill

rev. 8/30/21



Pella® Reserve™ Traditional In-Swing Patio Door

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



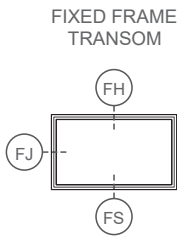
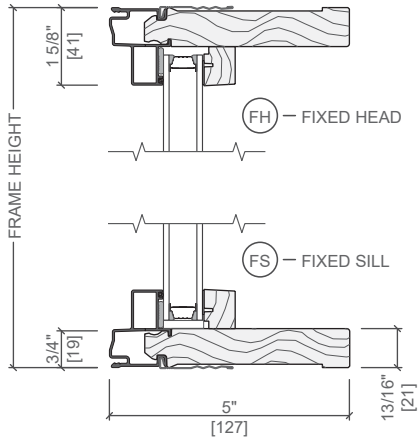
Scale 3" = 1' 0"
 All dimensions are approximate.
 rev. 1/18/23

Water resistance is 0 psf for doors with low profile sill.

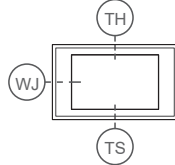


Pella® Reserve™ Traditional In-Swing Patio Door

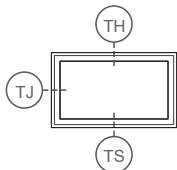
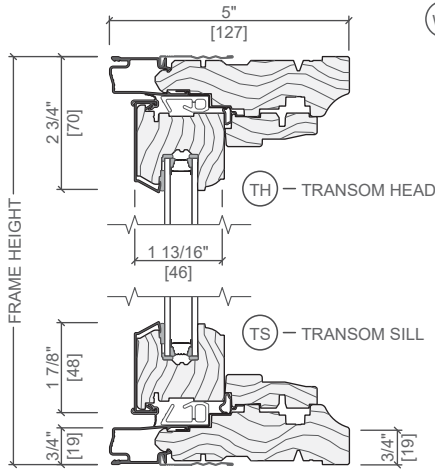
Unit Sections – Aluminum-Clad Exterior, Putty Glaze Exterior Profile



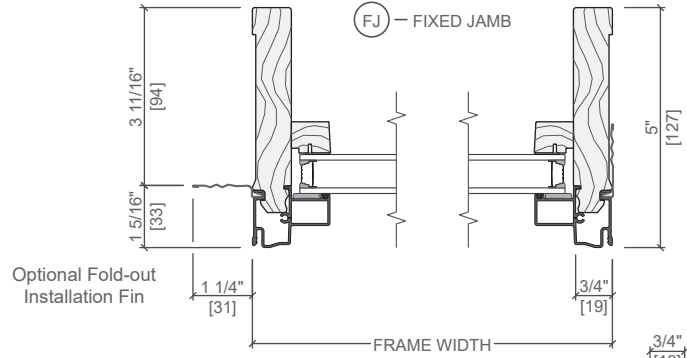
FIXED FRAME TRANSOM



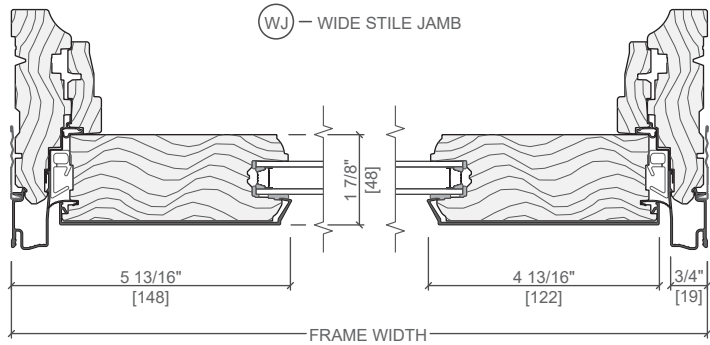
WIDE STILE TRANSOM



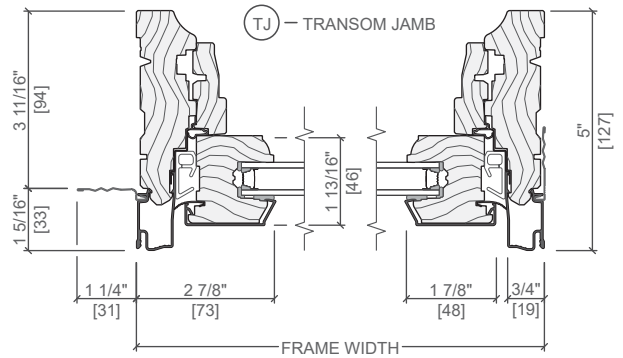
STANDARD STILE TRANSOM



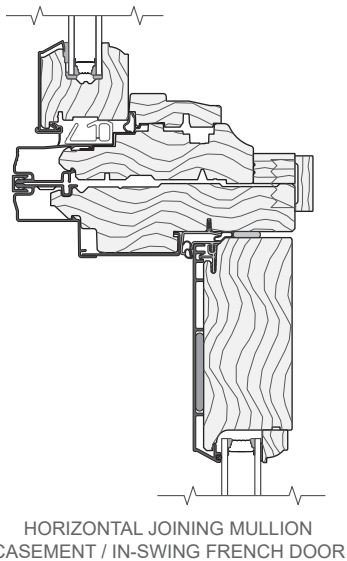
(FJ) – FIXED JAMB



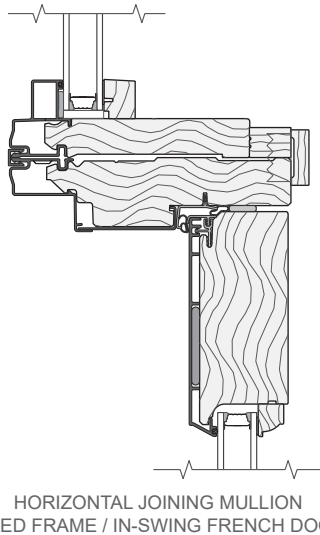
(WJ) – WIDE STILE JAMB



(TJ) – TRANSOM JAMB



HORIZONTAL JOINING MULLION
CASEMENT / IN-SWING FRENCH DOOR



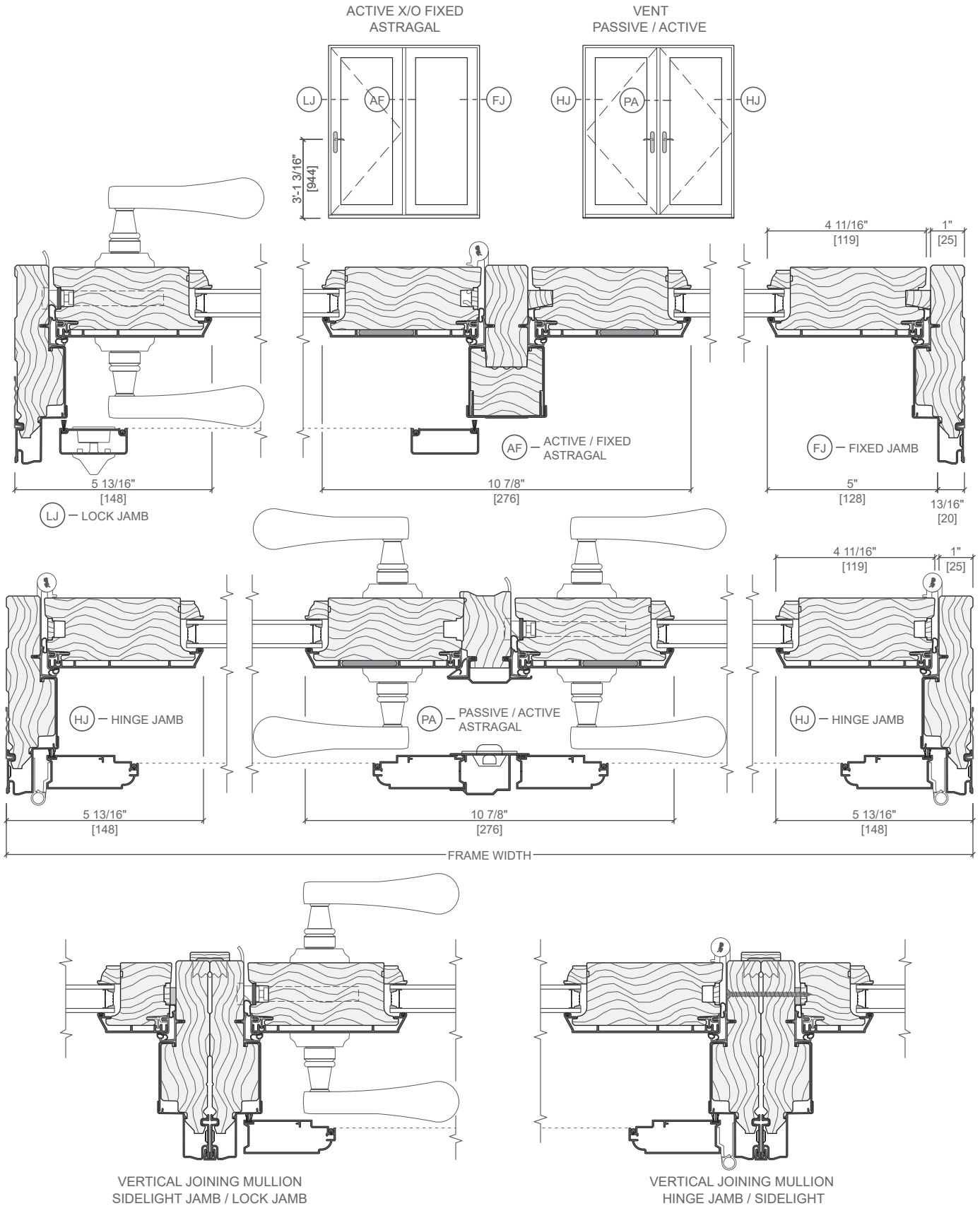
HORIZONTAL JOINING MULLION
FIXED FRAME / IN-SWING FRENCH DOOR

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



Pella® Reserve™ Traditional In-Swing Patio Door

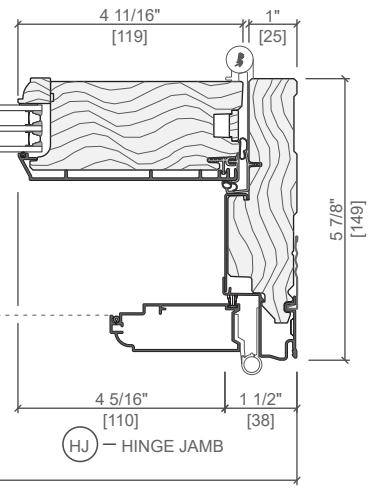
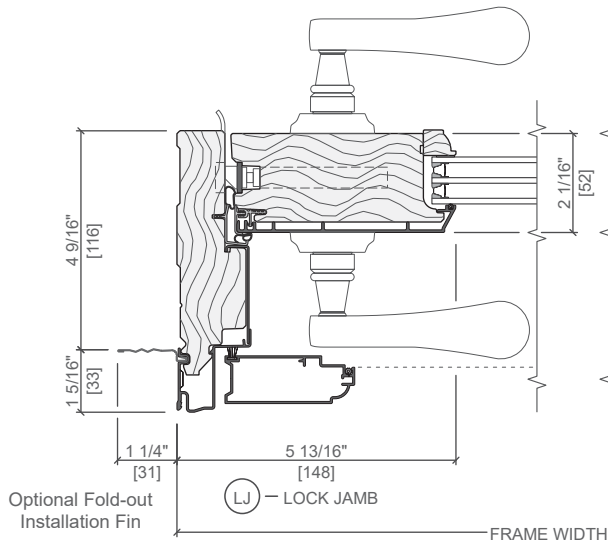
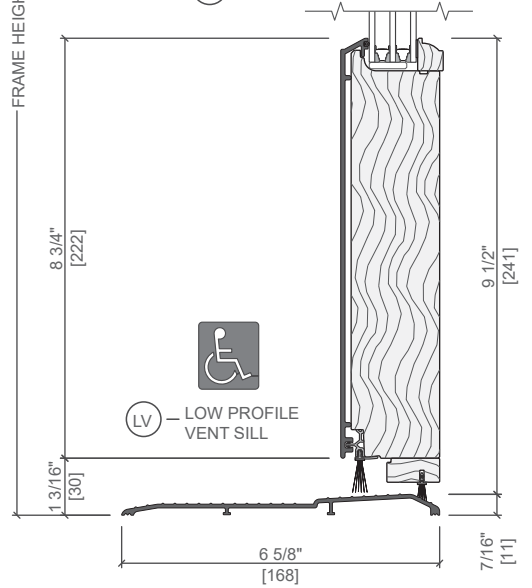
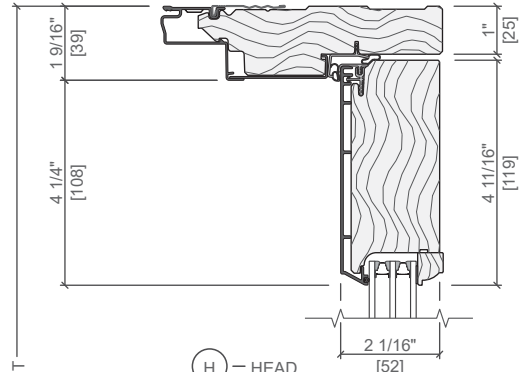
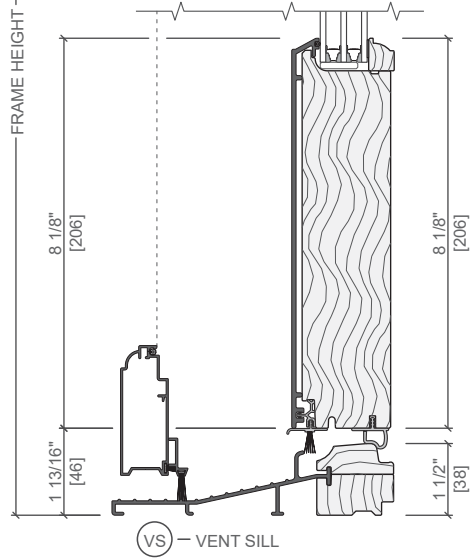
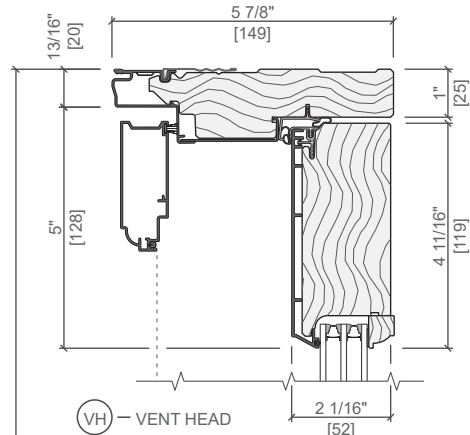
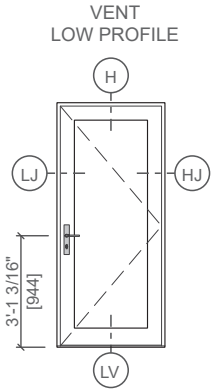
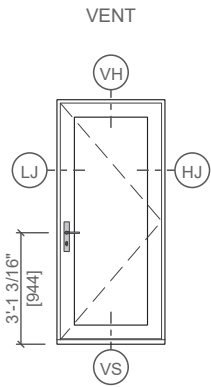
Unit Sections – Aluminum-Clad Exterior, Putty Glaze Exterior Profile





Pella® Reserve™ Traditional In-Swing Patio Door

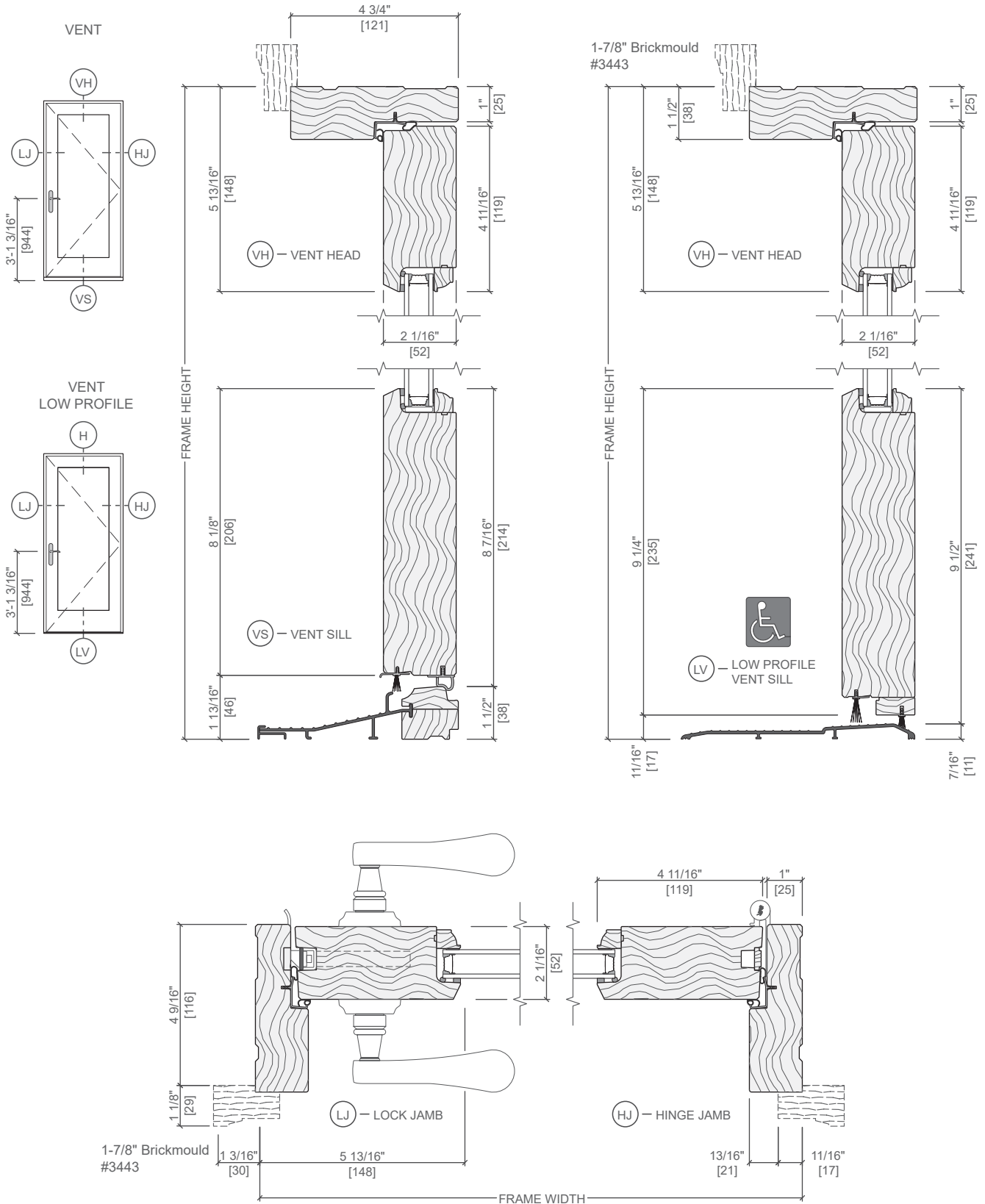
Unit Sections – Aluminum-Clad Exterior, Putty Glaze Exterior Profile, Triple-Pane





Pella® Reserve™ Traditional In-Swing Patio Door

Unit Sections – Wood Exterior, Putty Glaze Exterior Profile

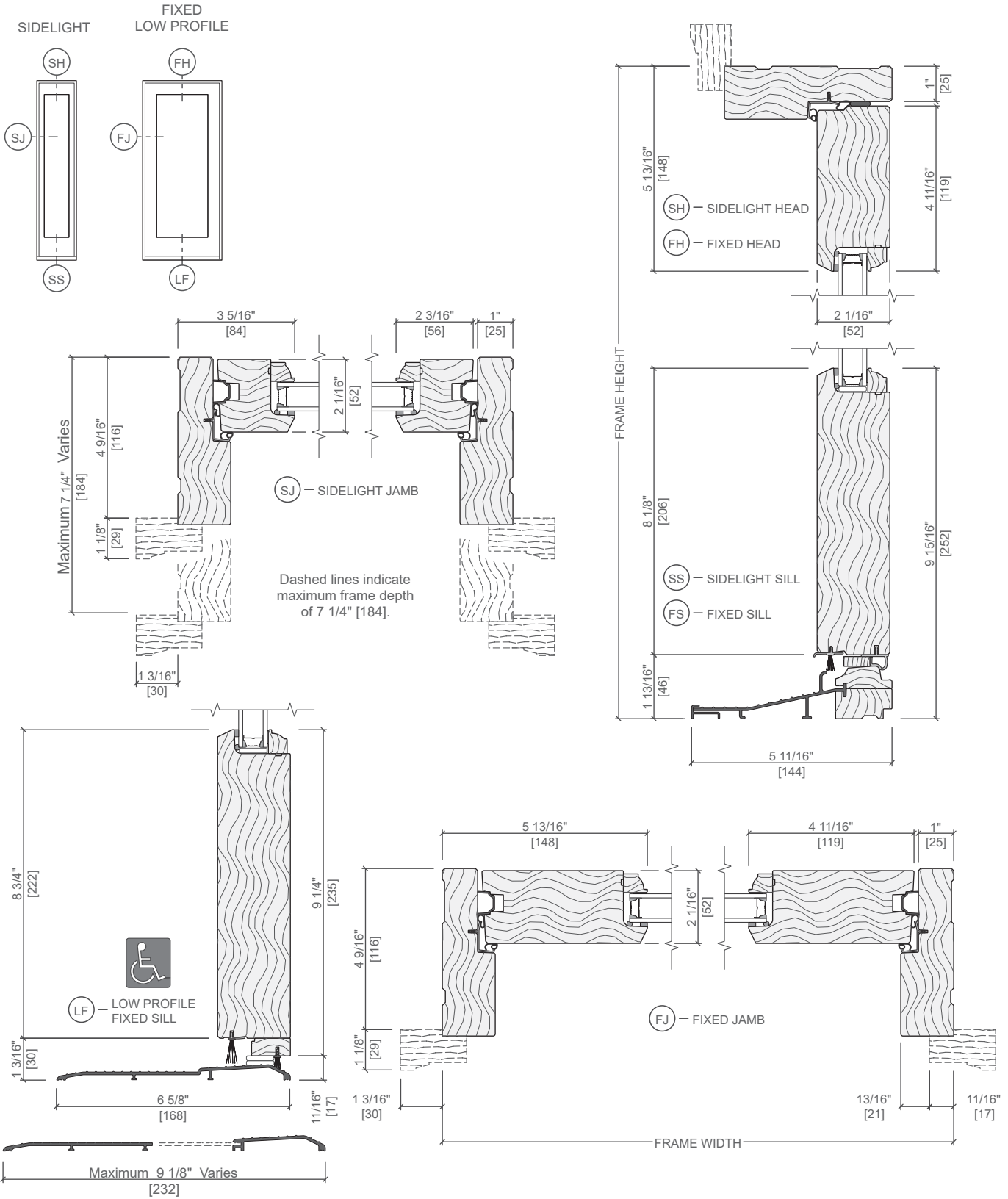


Scale 3" = 1' 0"
All dimensions are approximate.



Pella® Reserve™ Traditional In-Swing Patio Door

Unit Sections – Wood Exterior, Putty Glaze Exterior Profile



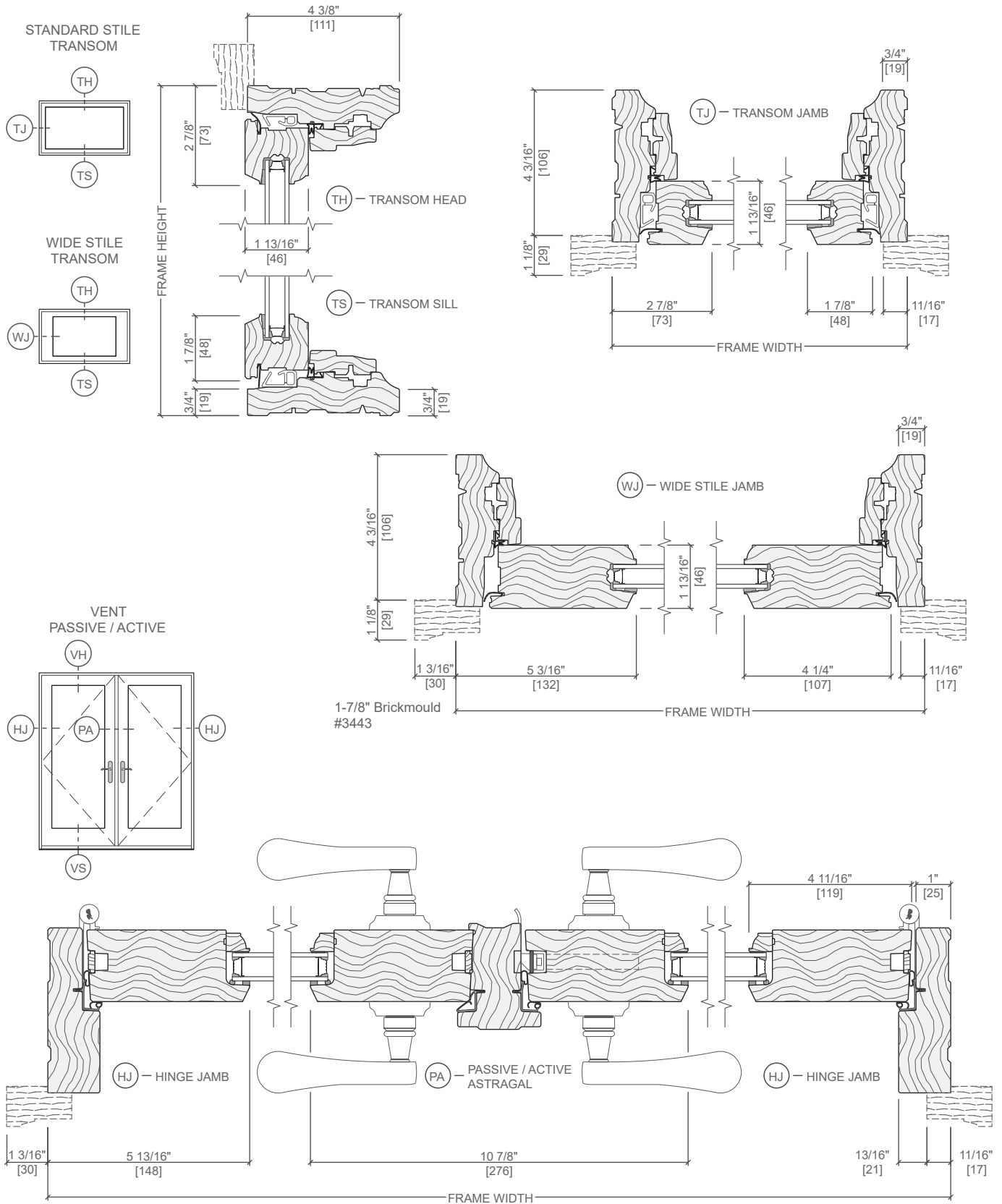
Scale 3" = 1' 0"

Water resistance is 0 psf for doors with low profile sill.

All dimensions are approximate.



Pella® Reserve™ Traditional In-Swing Patio Door



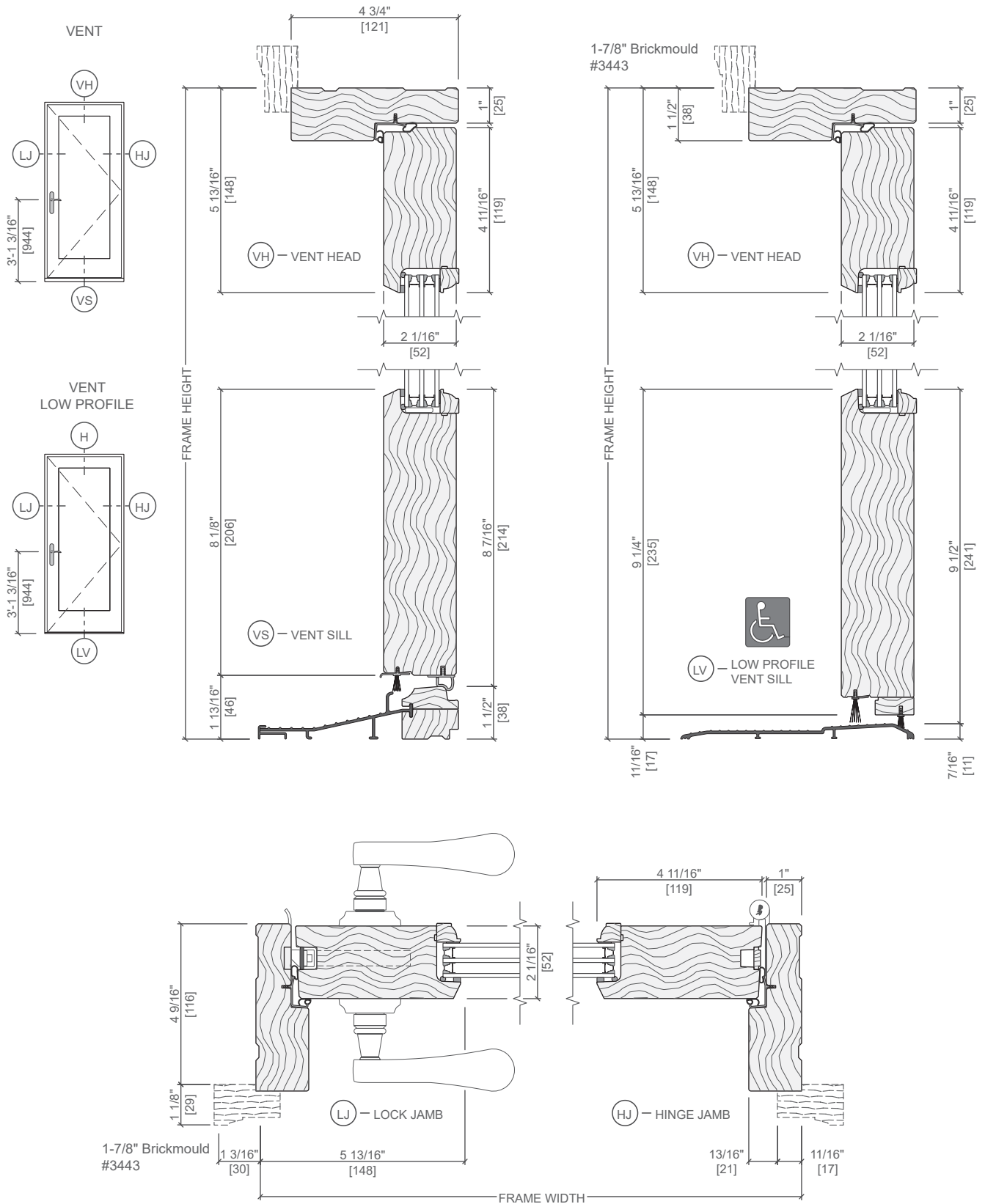
Scale 3" = 1' 0"
All dimensions are approximate.

See www.Pella.com for mullion limitations and reinforcing requirements.



Pella® Reserve™ Traditional In-Swing Patio Door

Unit Sections – Wood Exterior, Putty Glaze Exterior Profile, Triple-Pane



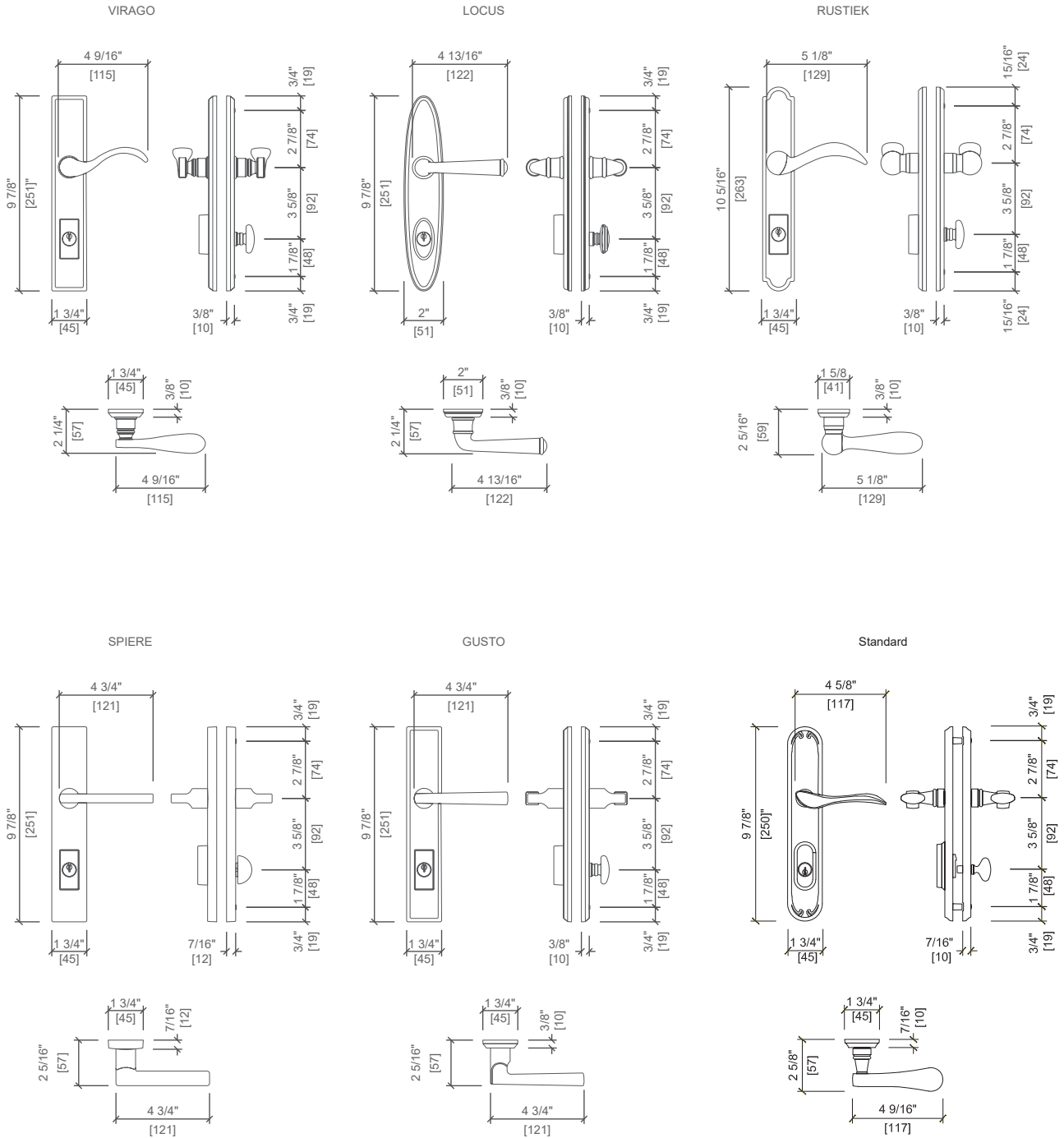
Scale 3" = 1' 0"
All dimensions are approximate.

Water resistance is 0 psf for doors with low profile sill.



Pella® Reserve™ Traditional In-Swing Patio Door

Unit Sections – Handle Hardware Dimensions



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:



Special shape windows also available.

^{1,2} See back cover for disclosures.

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	13-3/4"	13-3/4"	59"	59"	LC30 - CW50	0.25-0.29	0.18-0.47	27-35	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Casement	13-3/4"	13-3/4"	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"	24-3/8"	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"	23-3/4"	48"	84"	CW40-CW50	0.25-0.31	0.19-0.53	26-30	Pocket Replacement
Monumental Hung	13-3/4"	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)	30-3/4"	74"	60-3/4"	119-1/2"	LC40-LC70	0.29-0.32	0.15-0.42	—	
Sliding Patio Door (OX, XO)	59-1/4"	74"	119-1/2"	119-1/2"	LC35-LC65	0.29-0.32	0.15-0.42	29-35	
Sliding Patio Door (OXO)	90"	74"	180"	119-1/2"	LC30-LC45	0.29-0.32	0.15-0.42	—	
Sliding Patio Door (OXXO)	116-1/8"	74"	236-1/8"	119-1/2"	LC25-LC40	0.29-0.32	0.15-0.42	—	
Multi-Slide Patio Door	40-1/4"	50-1/2"	701-5/8"	119-1/2"	R15-LC25 ³	0.30 - 0.36	0.15 - 0.46	31	
Bifold Patio Door	31-3/4"	55-1/2"	312"	119-1/2"	R15-LC25 ³	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[®]

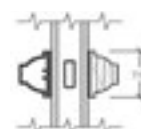
Choose the look of true divided light without sacrificing energy performance.



Putty Glaze Exterior with Ogee Interior⁴
7/8", 1-1/4" or 2"



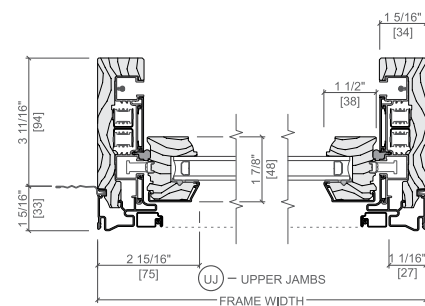
Putty Glaze Exterior with Ogee Interior⁴
7/8", 1-1/4" or 2"



Ogee Exterior with Ogee Interior⁴
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.

^{3,4} See back cover for disclosures.

Window Hardware

Classic Collection

Get a timeless look with authentic styles in classic finishes.

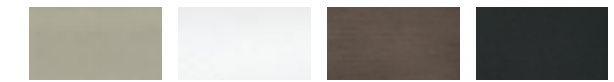


Fold-away Crank
Antiek



Spoon-Style Lock

Finishes:



Champagne White Brown Matte Black



Oil-Rubbed Bronze Satin Nickel Satin Brass

Rustic Collection

Create a distinct and charming look with distressed finishes.

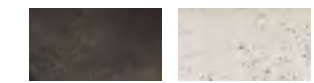


Fold-away Crank
Antiek



Spoon-Style Lock

Finishes:



Distressed Bronze Distressed Nickel

Essential Collection

Select from popular designs and finishes to suit every style.



Fold-away Crank

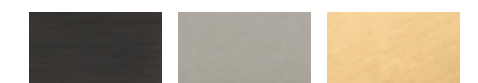


Cam-Action Lock

Finishes:



Champagne White Brown Matte Black



Oil-Rubbed Bronze Satin Nickel Satin Brass

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
Virago



Sliding & Multi-Slide Patio Door Handle
Ambrose



Multi-Slide Patio Door Handle^{5,6}

Finishes:



Matte Black Oil-Rubbed Bronze Satin Nickel Satin Brass

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^{5,6}

Finishes:



Champagne White Brown Matte Black



Oil-Rubbed Bronze Satin Nickel Satin Brass

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

^{5,6} See back cover for disclosures.

Colors

Wood Types

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

Custom solutions:



Pine



Douglas Fir



Mahogany



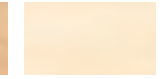
White Oak



Red Oak



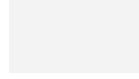
Cherry



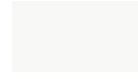
Maple

Prefinished Pine Interior Colors

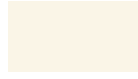
Custom interior finishes, unfinished or primed and ready-to-paint are also available.



White



Bright White



Linen White



Natural Stain



Golden Oak Stain



Early American Stain



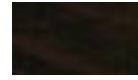
Provincial Stain



Dark Mahogany Stain



Red Mahogany Stain



Espresso Stain



Charcoal Stain



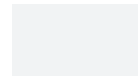
Black Stain

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



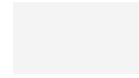
Portobello



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® 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.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 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-slide handle is a Pella exclusive design.

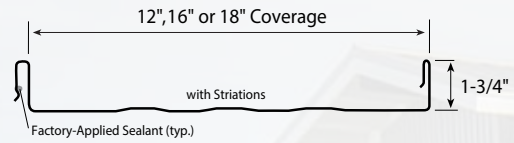
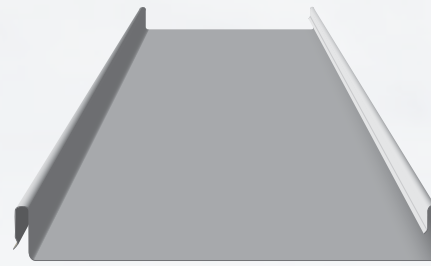
⁶ Flush multi-slide handle is not available in Champagne.

⁷ EnduraClad Plus protective finish is not available with all colors. See your local Pella sales representative for availability.

⁸ Requires the Insynctive App on a smart device, an Insynctive Bridge and a wireless home router with internet connection.

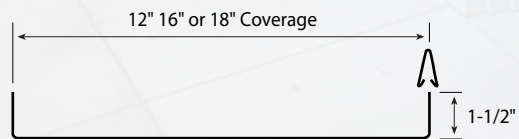
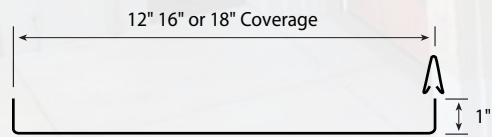
VERTICAL SEAM

- Structural standing seam roof system
- Panel 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



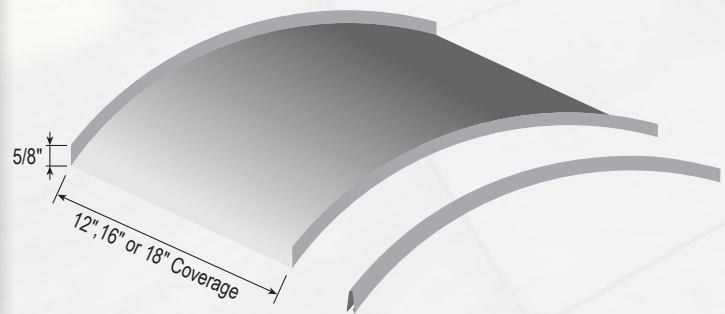
MINI-BATTEN

- 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



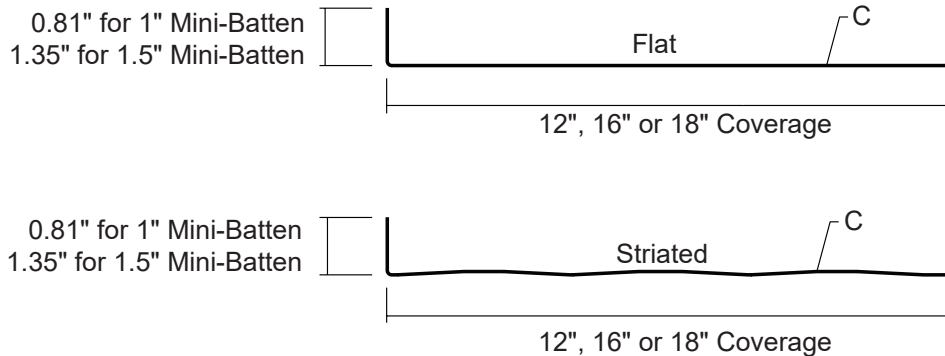
CURVED 1" MINI-BATTEN

- 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



MINI-BATTEN

Condensed
Technical
Reference



ARCHITECTURAL
PANEL

CONCEALED
FASTENED

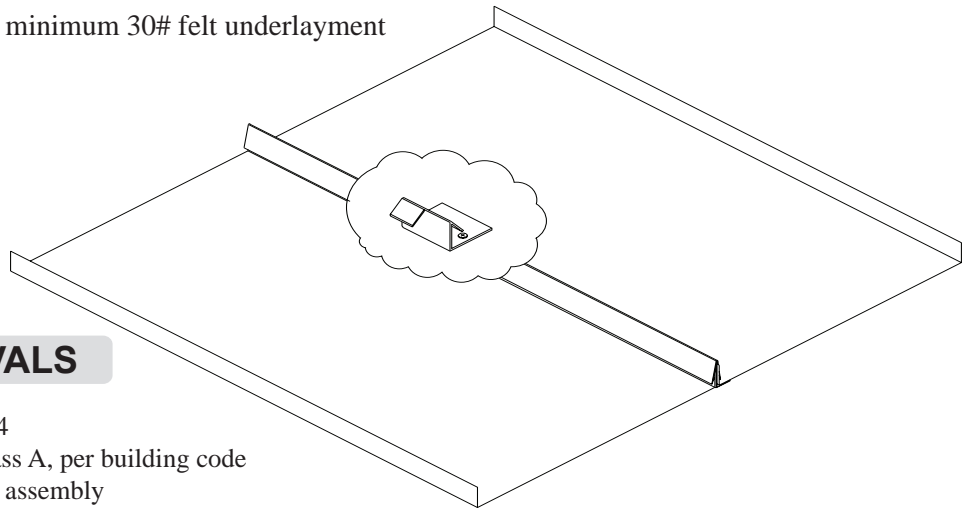
12", 16" OR 18"
COVERAGE

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 1½" 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

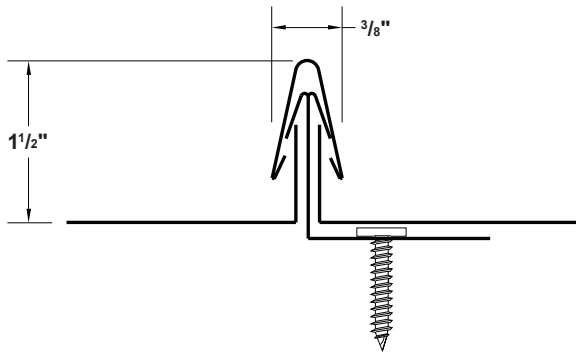
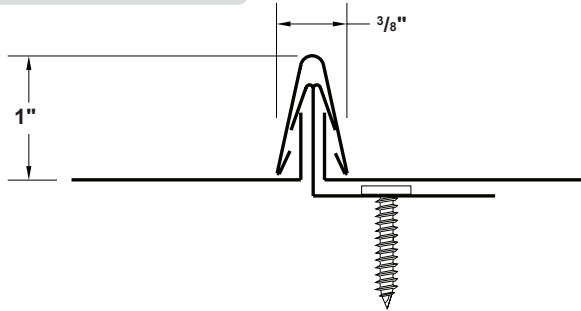
- ▶ UL 2218 Impact Resistance - Class 4
- ▶ UL 790 Fire Resistance Rating - Class A, per building code
- ▶ UL 263 Fire Resistance Rating - per assembly
- ▶ UL 580 Uplift Resistance - Class 90 Constructions:
1" Mini-Batten: #397, #397A and #430
1½" Mini-Batten: #352
- ▶ ASTM E 1592 Uplift Resistance
-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

MS Metal Sales[™]

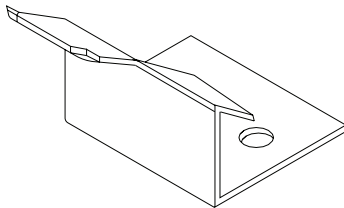
MINI-BATTEN

Condensed
Technical
Reference

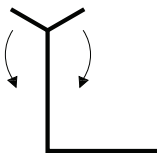
ATTACHMENT DETAILS



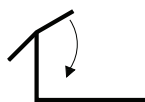
PANEL CLIPS



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

©MSMC/3-2023

MS 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



**BOARD OF BUILDING STANDARDS
ARCHITECTURAL REVIEW BOARD
SIGN REVIEW BOARD**

12650 Detroit Avenue • (216) 529-6630 • FAX (216) 529-5907 • www.lakewoodoh.gov

Application Cover Page

Docket No.: 06-46-24

Permit No.: BBS24-000050

Applicant Name: Aldo Dure, Be Next Awnings & Graphics Inc.

Project Address: 17609 Detroit Ave.

Project Name: Hippie House

Project: Applicant proposes illuminated channel letters on rails, sign mounted in the sign band.

Letter owner consent

Subject : Sign Installation

Owner's name : Bobby Patel

Address : 17609 DETROIT Rd. LAKEWOOD

Telephone no: 440-339-4949

I, the undersigned am the owner of the above
name property and hereby the proposed sign installation
by(company performing installation) BNEXT DESIGN



Owner's Signature

4-23-24

Date:



BNEXT

Cleveland Office

5109 Clark Ave.
Cleveland, Ohio 44102
216-688-1800

TEXT 216-407-7711 TO CHAT NOW!

| Monday-Friday | 9:00 am - 5:00 pm |

CLIENT: HIPPIE HOUSE

CONTACT:

ADDRESS: 17609 DETROIT LAKEWOOD OHIO

DRAWING: 0000154

DATE: 01-24-2024

REPRESENTATIVE: Aldo Dure aldodure2000@gmail.com

FILE: HIPPIE HOUSE / drive bnextrd@gmail.com

DRAWING HISTORY

INFO	NAME	DATE
Reception	Aldo Dure	01-24-24
Design	Juan J. Monsanto	01-24-24

JOB DESCRIPTION

ILLUMINATED CHANNEL LETTERS ON RAIL

I have reviewed the artwork and approve that everything is 100% correct and give my permission to move forward with this project.

LANDLORD SIGNATURE:
(PROPERTY OWNER OR AUTHORIZED AGENT)

DATE:

I have reviewed the artwork and approve that everything is 100% correct and give my permission to move forward with this project.

CLIENT SIGNATURE:

DATE:

HIPPIE HOUSE

SMOKE • VAPE • GIFT SHOP

17609 Detroit Lakewood Ohio



ILLUMINATED CHANNEL LETTERS ON RAIL SIGN **A**

32'0" FRONTAGE

BNEXT

Cleveland Office
5109 Clark Ave.
Cleveland, Ohio 44102
216-688-1800

TEXT 216-407-7711 TO CHAT NOW!

| Monday-Friday | 9:00 am - 5:00 pm |

CLIENT: HIPPIE HOUSE

CONTACT:

ADDRESS: 17609 DETROIT LAKEWOOD OHIO

DRAWING: 0000154 DATE: 01-24-2024

REPRESENTATIVE: Aldo Dure aldodure2000@gmail.com

FILE: HIPPIE HOUSE / drive bnextrd@gmail.com

DRAWING HISTORY

INFO	NAME	DATE
Reception	Aldo Dure	01-24-24
Design	Nicole Concepcion	01-24-24

JOB DESCRIPTION

ILLUMINATED CHANNEL LETTERS ON RAIL

ILLUMINATED cloud sign on rail for "HIPPIE HOUSE" mounted flush, cloud channel Letters & bar faces to be 3/16" WHITE ACRYLIC with translucent vinyl ORACAL 8500 #053 Light Blue 1" BLACK trim cap.
5" BLACK Returns for cloud channel Letters Raceway painted to match facade TBD.

I have reviewed the artwork and approve that everything is 100% correct and give my permission to move forward with this project.

LANDLORD SIGNATURE:
(PROPERTY OWNER OR AUTHORIZED AGENT)

DATE:

I have reviewed the artwork and approve that everything is 100% correct and give my permission to move forward with this project.

CLIENT SIGNATURE:

DATE:



SURVEY NEEDED TO VERIFY DIMENSIONS

BASED ON ARCHITECTURAL RENDERINGS

NEED SIGN PLACEMENT APPROVAL

COLOR SPECIFICATIONS

3/16" WHITE ACRYLIC

1/8" WHITE B-BOND BACKS

1" BLACK TRIMCAP

063 BLACK ALUMINUM RETURNS

PAINT TO MATCH FACADE TBD

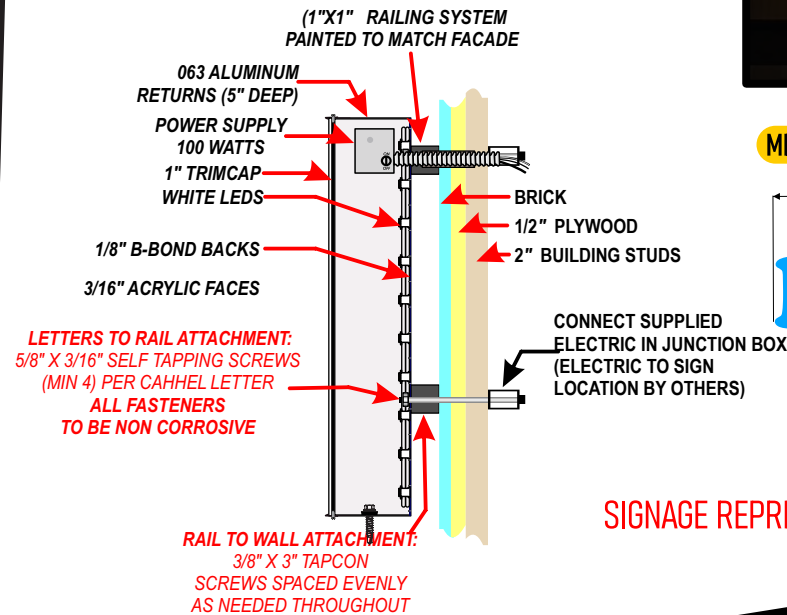
ORACAL 8500 #053 Light Blue

Customer Initials to approve colors

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SIDE VIEW



MEASUREMENT SIGN



SIGNAGE REPRESENTS 30'6" SQ FT



BNEXT

Cleveland Office
 5109 Clark Ave.
 Cleveland, Ohio 44102
 216-688-1800

TEXT 216-407-7711 TO CHAT NOW!

| Monday-Friday | 9:00 am - 5:00 pm |

CLIENT: HIPPIE HOUSE

CONTACT:

ADDRESS: 17609 DETROIT LAKEWOOD OHIO

DRAWING: 0000154 DATE: 01-24-2024

REPRESENTATIVE: Aldo Dure aldodure2000@gmail.com

FILE: HIPPIE HOUSE / drive bnextrd@gmail.com

DRAWING HISTORY

INFO	NAME	DATE
Reception	Aldo Dure	01-24-24
Design	Nicole Concepcion	01-24-24

JOB DESCRIPTION

ILLUMINATED CHANNEL LETTERS ON RAIL

ILLuminated cloud sign on rail for "HIPPIE HOUSE"
 Channel Letters & bar faces to be 3/16" WHITE
 ACRYLIC with translucent vinyl ORACAL 8500 #053 Light Blue
 1" BLACK trim cap.
 5" BLACK Returns for cloud channel Letters
 Raceway painted to match facade TBD.

I have reviewed the artwork and approve that everything is 100% correct and give my permission to move forward with this project.

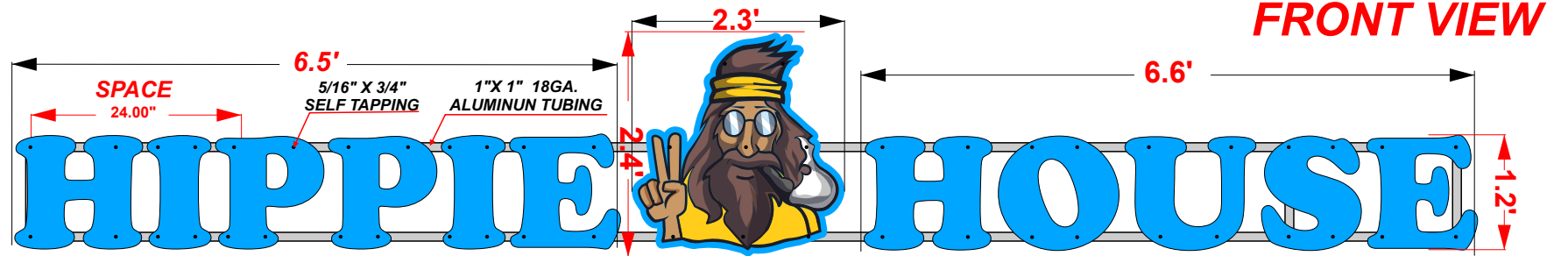
LANDLORD SIGNATURE:
 (PROPERTY OWNER OR AUTHORIZED AGENT)

DATE:

I have reviewed the artwork and approve that everything is 100% correct and give my permission to move forward with this project.

CLIENT SIGNATURE:

DATE:



PERFORMANCE TABLE

LDT Anchors (Minimum Tensile and Shear Values (lb/in²) in Solid Concrete Cast-in and Embedded Cast)

Anchor Type	Embedment Depth (in)	Minimum Tensile (lb/in ²)	Minimum Shear (lb/in ²)
LDT	4	10,000	10,000
	6	15,000	15,000
LDT	4	10,000	10,000
	6	15,000	15,000

LDT 5/8 X 3" FIGURE

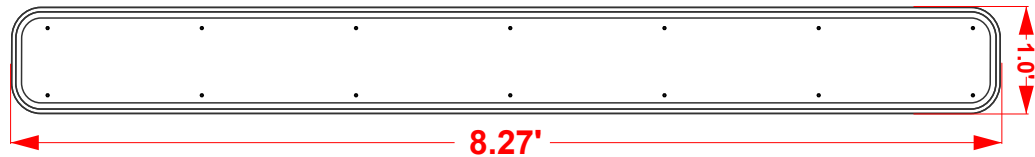
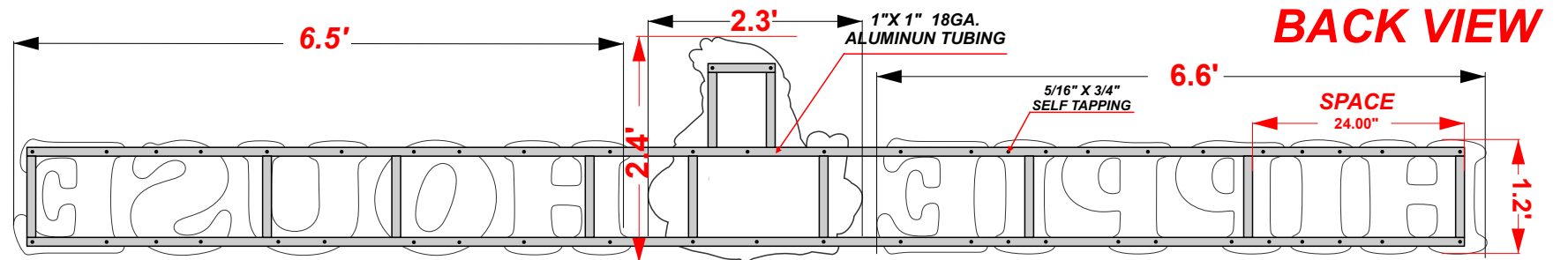
PERFORMANCE TABLE

LDT Anchors (Recommended Edge & Spacing Requirements for Tension Loads)

Anchor Type	Embedment Depth (in)	Minimum Tensile (lb/in ²)	Minimum Shear (lb/in ²)
LDT	4	10,000	10,000
	6	15,000	15,000
LDT	4	10,000	10,000
	6	15,000	15,000

CHANNEL LETTERS

1"X 1" 18GA. ALUMINUM TUBING





BNEXT

Cleveland Office
5109 Clark Ave.
Cleveland, Ohio 44102
216-688-1800

TEXT 216-407-7711 TO CHAT NOW!

| Monday-Friday | 9:00 am - 5:00 pm |

CLIENT: HIPPIE HOUSE

CONTACT:

ADDRESS: 17609 DETROIT LAKEWOOD OHIO

DRAWING: 0000154 DATE: 01-24-2024

REPRESENTATIVE: Aldo Dure aldodure2000@gmail.com

FILE: HIPPIE HOUSE / drive bnextrd@gmail.com

DRAWING HISTORY

INFO	NAME	DATE
Reception	Aldo Dure	01-24-24
Design	Nicole Concepcion	01-24-24

JOB DESCRIPTION

ILLUMINATED CHANNEL LETTERS ON RAIL

ILLuminated cloud sign on rail for "HIPPIE HOUSE" mounted flush, cloud channel Letters & bar faces to be 3/16" WHITE ACRYLIC with translucent vinyl ORACAL 8500 #053 Light Blue 1" BLACK trim cap. 5" BLACK Returns for cloud channel Letters Raceway painted to match facade TBD.

I have reviewed the artwork and approve that everything is 100% correct and give my permission to move forward with this project.

LANDLORD SIGNATURE:
(PROPERTY OWNER OR AUTHORIZED AGENT)

DATE:

I have reviewed the artwork and approve that everything is 100% correct and give my permission to move forward with this project.

CLIENT SIGNATURE:

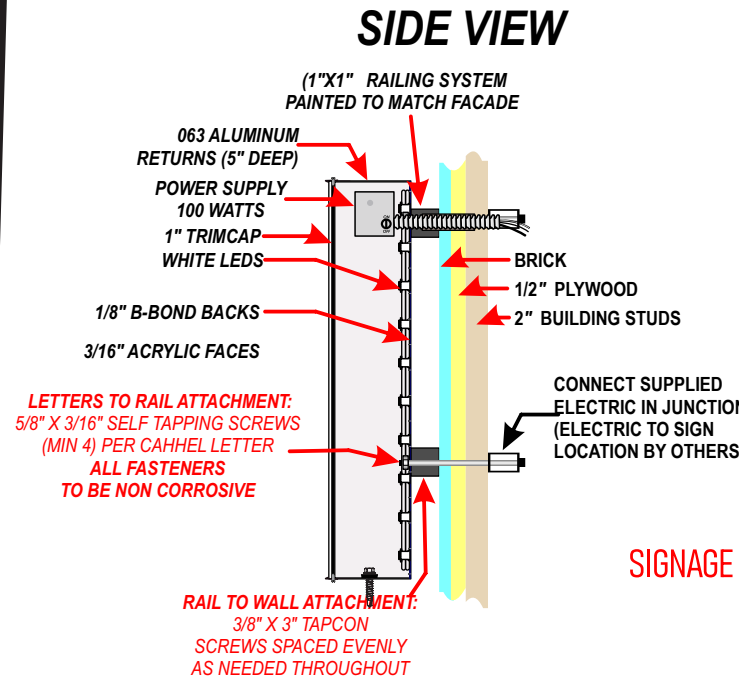
DATE:



MEASUREMENT SIGN **B**



SIGNAGE REPRESENTS 30'6 SQ FT



SURVEY NEEDED TO VERIFY DIMENSIONS
BASED ON ARCHITECTURAL RENDERINGS
NEED SIGN PLACEMENT APPROVAL

COLOR SPECIFICATIONS

- 3/16" WHITE ACRYLIC
- 1/8" WHITE B-BOND BACKS
- 1" BLACK TRIMCAP
- 063 BLACK ALUMINUM RETURNS
- PAINT TO MATCH FACADE TBD
- ORACAL 8500 #053 Light Blue
- ORACAL 8500 #013 Zinc Yellow

Customer Initials to approve colors

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BNEXT

Cleveland Office
5109 Clark Ave.
Cleveland, Ohio 44102
216-688-1800

TEXT 216-407-7711 TO CHAT NOW!

| Monday-Friday | 9:00 am - 5:00 pm |

CLIENT: HIPPIE HOUSE

CONTACT:

ADDRESS: 17609 DETROIT LAKEWOOD OHIO

DRAWING: 0000154 DATE: 01-24-2024

REPRESENTATIVE: Aldo Dure aldodure2000@gmail.com

FILE: HIPPIE HOUSE / drive bnextrd@gmail.com

DRAWING HISTORY

INFO	NAME	DATE
Reception	Aldo Dure	01-24-24
Design	Nicole Concepcion	01-24-24

JOB DESCRIPTION

ILLUMINATED CHANNEL LETTERS ON RAIL

ILLuminated cloud sign on rail for "HIPPIE HOUSE" mounted flush. cloud channel Letters & bar faces to be 3/16" WHITE ACRYLIC with translucent vinyl ORACAL 8500 #053 Light Blue 1" BLACK trim cap.
5" BLACK Returns for cloud channel Letters
Raceway painted to match facade TBD.

I have reviewed the artwork and approve that everything is 100% correct and give my permission to move forward with this project.

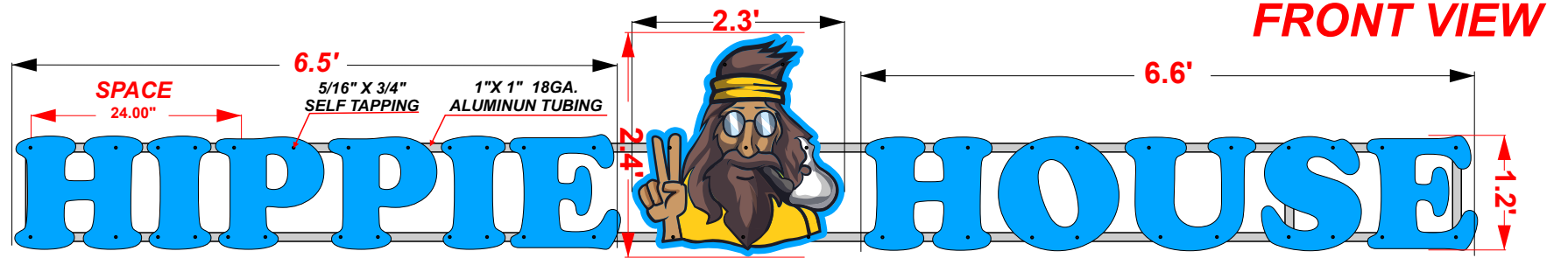
LANDLORD SIGNATURE:
(PROPERTY OWNER OR AUTHORIZED AGENT)

DATE:

I have reviewed the artwork and approve that everything is 100% correct and give my permission to move forward with this project.

CLIENT SIGNATURE:

DATE:



PERFORMANCE TABLE

LDT Anchors (Minimum Thickness and Spacing Values (lb/in²) in Solid Concrete, Cast-in and Embedded Steel)

Anchor	Embedment Depth (in)	Minimum Thickness (in)	Minimum Spacing (in)	Minimum Embedment (in)	Minimum Embedment (in)	Minimum Embedment (in)	Minimum Embedment (in)
1/4"	4	4	4	4	4	4	4
3/8"	5	5	5	5	5	5	5
1/2"	6	6	6	6	6	6	6
5/8"	7	7	7	7	7	7	7
3/4"	8	8	8	8	8	8	8
1"	10	10	10	10	10	10	10
1 1/4"	12	12	12	12	12	12	12
1 1/2"	14	14	14	14	14	14	14
1 3/4"	16	16	16	16	16	16	16
2"	18	18	18	18	18	18	18
2 1/4"	20	20	20	20	20	20	20
2 1/2"	22	22	22	22	22	22	22
2 3/4"	24	24	24	24	24	24	24
3"	26	26	26	26	26	26	26
3 1/4"	28	28	28	28	28	28	28
3 1/2"	30	30	30	30	30	30	30
3 3/4"	32	32	32	32	32	32	32
4"	34	34	34	34	34	34	34
4 1/4"	36	36	36	36	36	36	36
4 1/2"	38	38	38	38	38	38	38
4 3/4"	40	40	40	40	40	40	40
5"	42	42	42	42	42	42	42
5 1/4"	44	44	44	44	44	44	44
5 1/2"	46	46	46	46	46	46	46
5 3/4"	48	48	48	48	48	48	48
6"	50	50	50	50	50	50	50

LDT 5/8 X 3" FIGURE

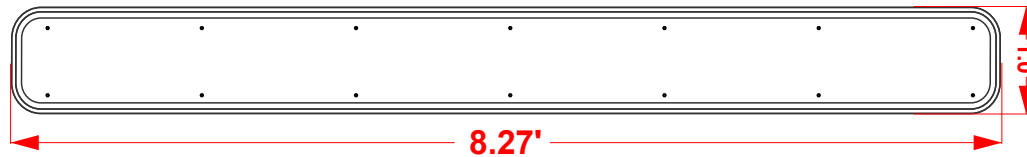
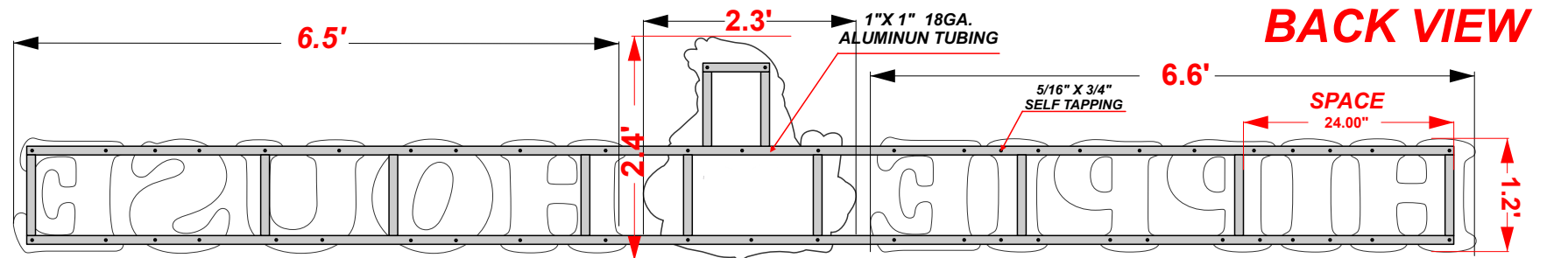
PERFORMANCE TABLE

LDT Anchors (Recommended Edge & Spacing Requirements for Tension Loads)

Anchor	Embedment Depth (in)	Minimum Thickness (in)	Minimum Spacing (in)	Minimum Embedment (in)	Minimum Embedment (in)	Minimum Embedment (in)	Minimum Embedment (in)
1/4"	4	4	4	4	4	4	4
3/8"	5	5	5	5	5	5	5
1/2"	6	6	6	6	6	6	6
5/8"	7	7	7	7	7	7	7
3/4"	8	8	8	8	8	8	8
1"	10	10	10	10	10	10	10
1 1/4"	12	12	12	12	12	12	12
1 1/2"	14	14	14	14	14	14	14
1 3/4"	16	16	16	16	16	16	16
2"	18	18	18	18	18	18	18
2 1/4"	20	20	20	20	20	20	20
2 1/2"	22	22	22	22	22	22	22
2 3/4"	24	24	24	24	24	24	24
3"	26	26	26	26	26	26	26
3 1/4"	28	28	28	28	28	28	28
3 1/2"	30	30	30	30	30	30	30
3 3/4"	32	32	32	32	32	32	32
4"	34	34	34	34	34	34	34
4 1/4"	36	36	36	36	36	36	36
4 1/2"	38	38	38	38	38	38	38
4 3/4"	40	40	40	40	40	40	40
5"	42	42	42	42	42	42	42
5 1/4"	44	44	44	44	44	44	44
5 1/2"	46	46	46	46	46	46	46
5 3/4"	48	48	48	48	48	48	48
6"	50	50	50	50	50	50	50

CHANNEL LETTERS

1"X 1" 18GA. ALUMINUM TUBING





BNEXT

Cleveland Office
5109 Clark Ave.
Cleveland, Ohio 44102
216-688-1800

TEXT 216-407-7711 TO CHAT NOW!
| Monday-Friday | 9:00 am - 5:00 pm |

CLIENT: HIPPIE HOUSE

CONTACT:

ADDRESS: 17609 DETROIT LAKEWOOD OHIO

DRAWING: 0000154 DATE: 01-24-2024

REPRESENTATIVE: Aldo Dure aldodure2000@gmail.com

FILE: HIPPIE HOUSE / drive bnextrd@gmail.com

DRAWING HISTORY

INFO	NAME	DATE
Reception	Aldo Dure	01-24-24
Design		01-24-24

JOB DESCRIPTION

SITE PLAN

I have reviewed the artwork and approve that everything is 100% correct and give my permission to move forward with this project.

LANDLORD SIGNATURE:
(PROPERTY OWNER OR AUTHORIZED AGENT)

DATE:

I have reviewed the artwork and approve that everything is 100% correct and give my permission to move forward with this project.

CLIENT SIGNATURE:

DATE:

A SIGN LOCATION **B** SIGN LOCATION





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SIGN REVIEW BOARD**

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Application Cover Page

Docket No.: 06-47-24

Permit No.: BBS24-000056

Applicant Name: Dean Guersney, Dynamic Sign Co.

Project Address: 12501 Madison Ave.

Project Name: Birdietown

Project: Applicant proposes blade sign and open channel sign on building.

May 20, 2024

Re: Building sign for Birdietown

To whom it may concern:

Please accept this letter of consent that Dynamic Sign has permission to act on behalf of Birdietown for all matters related to the sign approval process for the front of our building located at 12501 Madison Ave.

Sincerely,

Tim Frazee

Tim Frazee

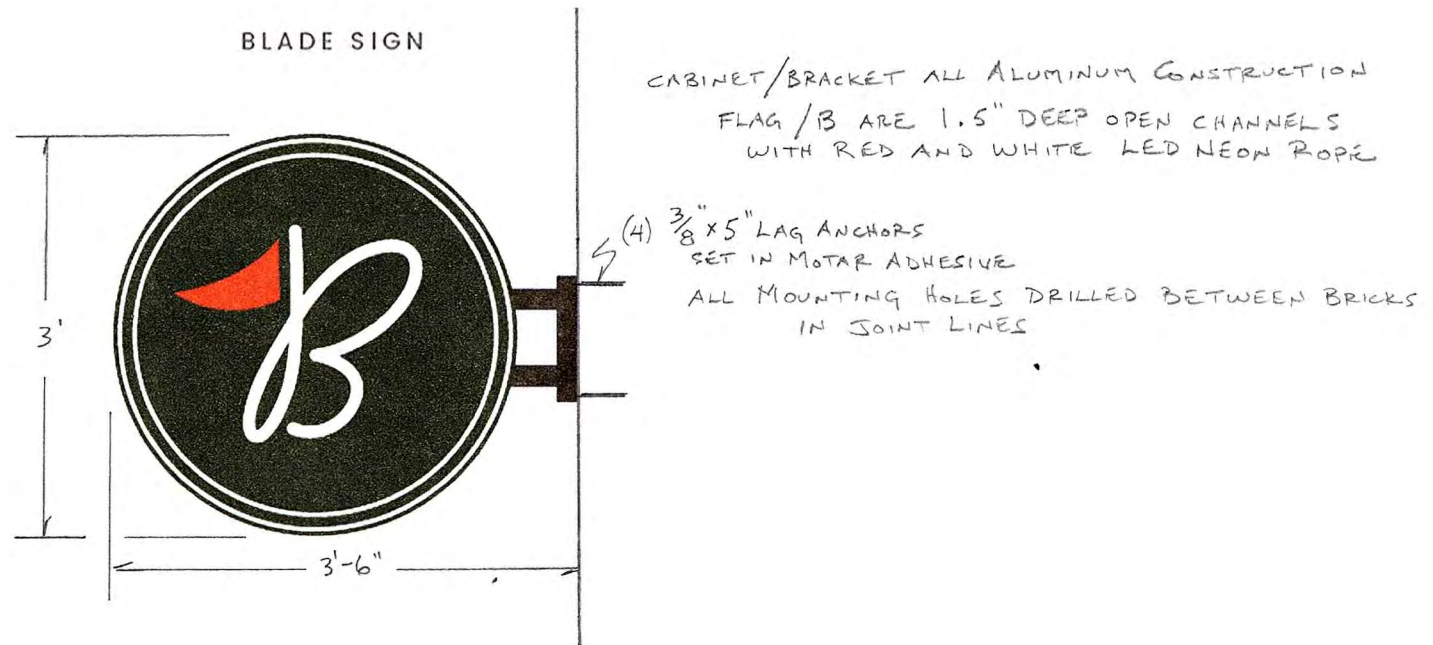
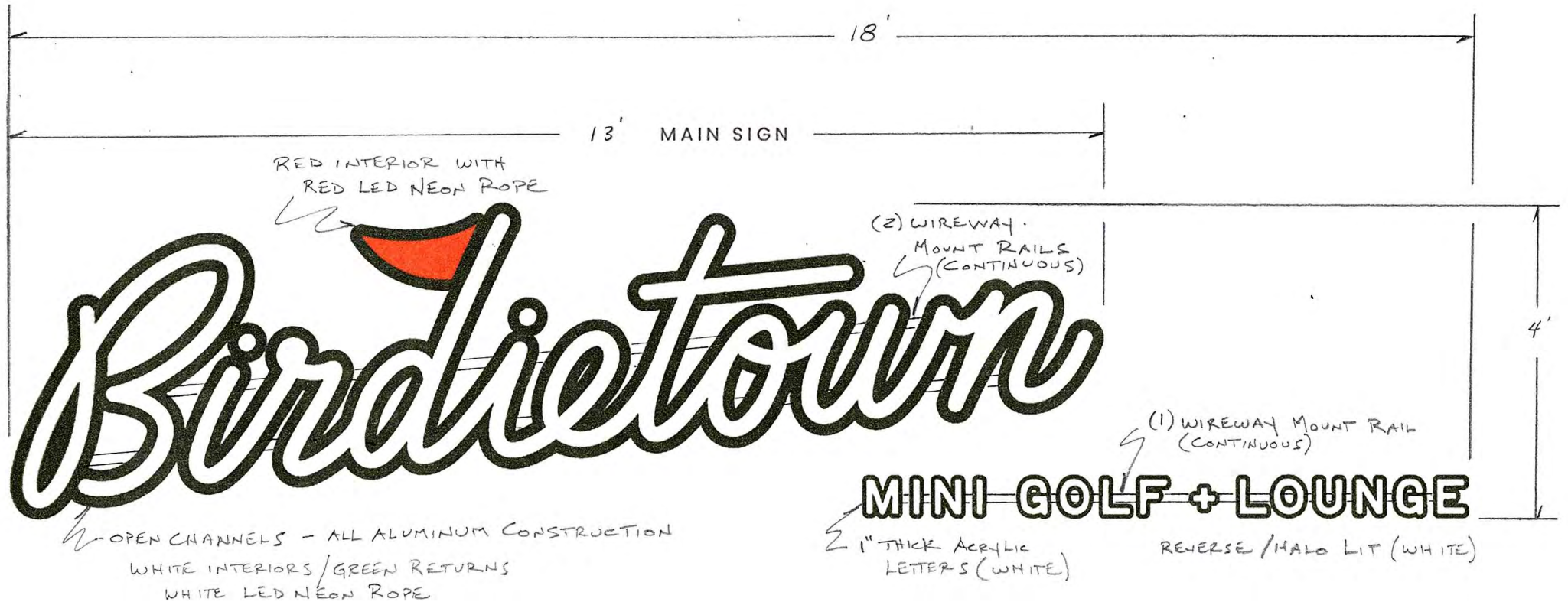
Owner/Manager
Birdietown
M- 561.222.1433
E- Tim@birdie.town

HEY DAY
RESTAURANT

Birdietown

MINI GOLF + LOUNGE





MAIN SIGN

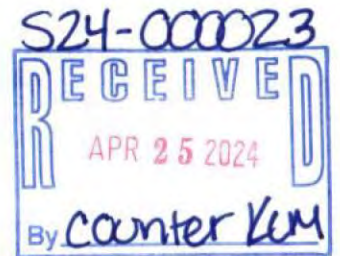
Birdietown

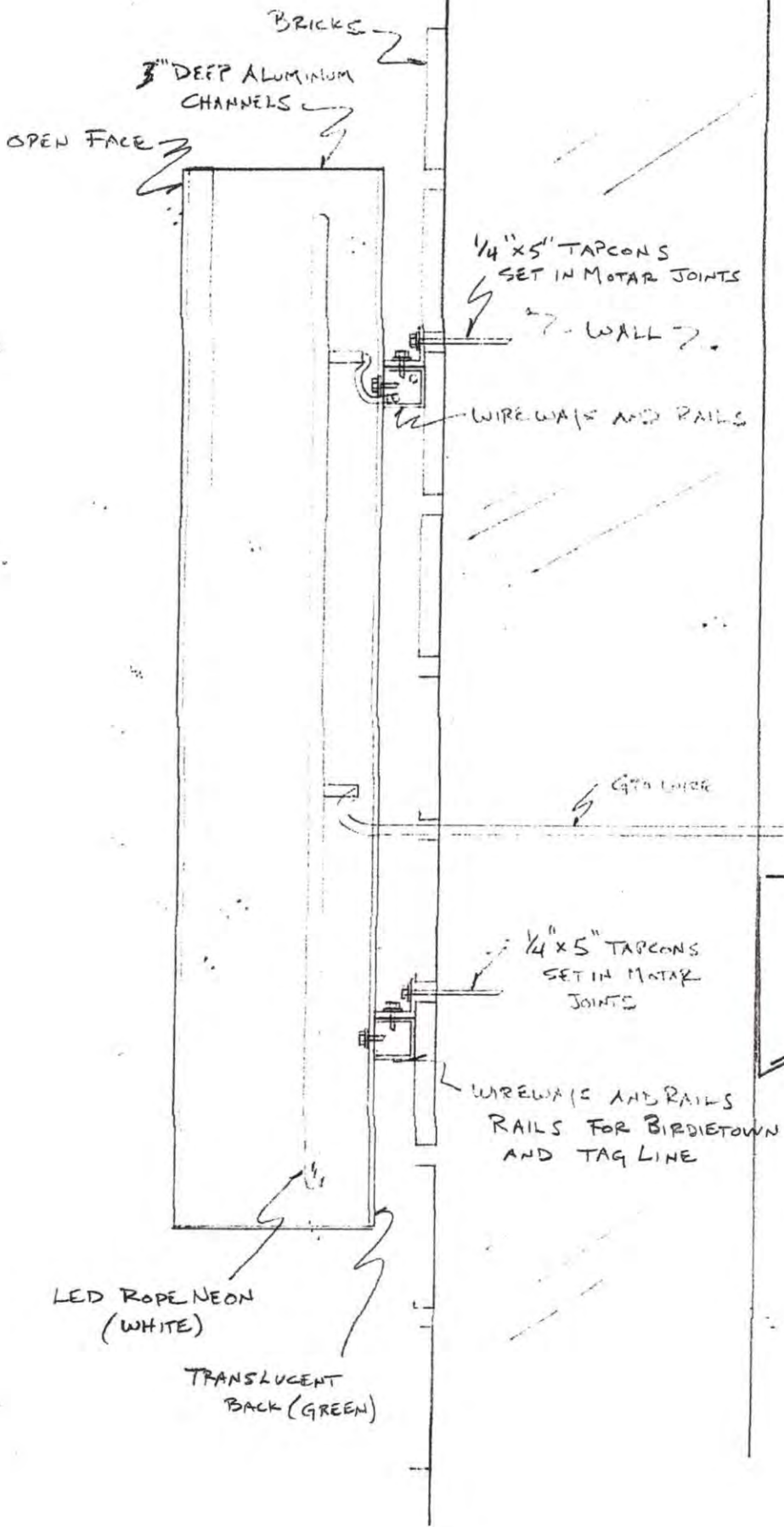
MINI GOLF + LOUNGE

City of Lakewood
Approved Plans
S24-000023

Christopher Parmelee
04/29/2024

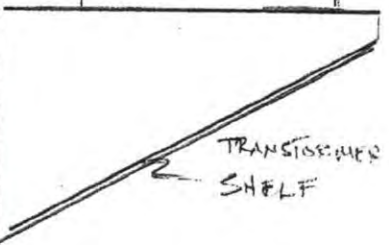
BLADE SIGN





NOTE:
 ALL TAPCONS AND
 LATHER STRIPS
 SET BETWEEN
 BRICKS IN
 MORTAR JOINTS

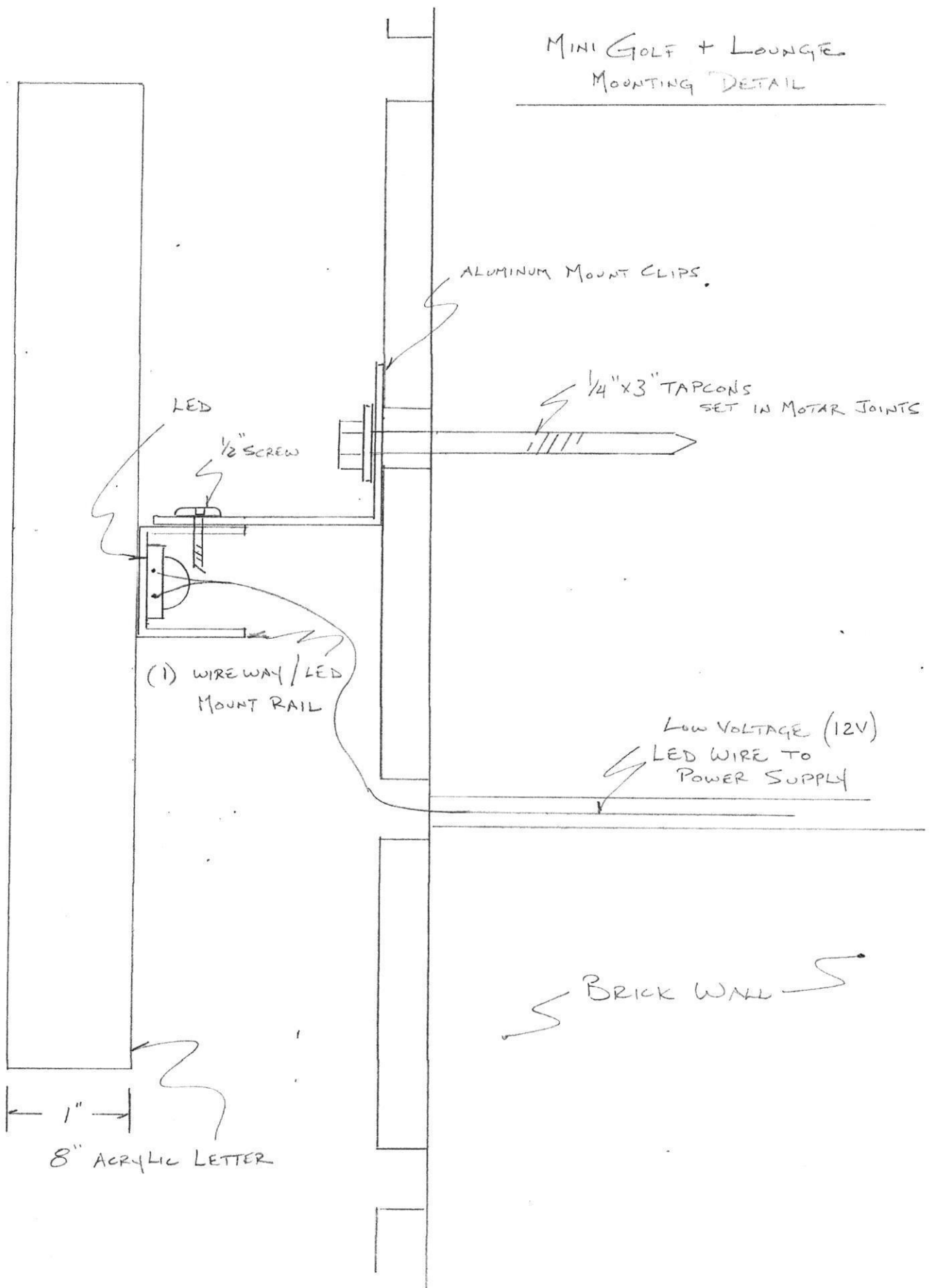
REMOTE
 TRANSFORMERS &
 POWER
 SUPPLIES



BUILDING'S
 INTERIOR

LED ROPE NEON
 (WHITE)
 TRANSLUCENT
 BACK (GREEN)

MINI GOLF + LOUNGE
MOUNTING DETAIL





DIVISION OF HOUSING AND BUILDING
12650 DETROIT AVENUE • LAKEWOOD, OHIO 44107 • 216/529-6270 • FAX 216/529-5930
Website: www.lakewoodoh.gov

CHRISTOPHER S. PARMELEE
BUILDING COMMISSIONER
216/529-6295

WILLIAM WAGNER
ASSISTANT BUILDING COMMISSIONER
216/529-6284

MARK D. JEWITT
PROPERTY MAINTENANCE SUPERVISOR
216/529-6291

CERTIFICATE OF PLAN APPROVAL APPLICATION NUMBER: S24-000023

Project Address 12501 MADISON AVE
Parcel Number 31523028
Project Description 12501 Madison Ave. - Signs for "Birdietown"
as per plans.
Use Group A-2
Construction Type IIIB
Approval Date April 29, 2024
Drawings Dated 04/25/2024
Submittal Code Cycle 2024 OBC, 2024 OMC, 2024 OPC, 2023
NEC, 2021 IECC, 2009 & 2017 ICC-A117

OWNER

LITTLE JEMMY, LLC
12501 MADISON ST
LAKEWOOD, OH 44107

Conditions of Approval

- Sign shall be listed [NEC 600.3]*
 - Sign shall be marked showing manufacturer, input voltage, and current rating [NEC 600.4(A)]*
 - Disconnect shall be provided controlling only the sign. Disconnect shall be located either: (a) At the sign [NEC 600.6(A)(1)]. (b) Within sight of the sign with sign labeled showing its location [NEC 600.6(A)(2)]. (c) Out of sight of the sign and lockable with sign labeled showing its location [NEC 600.6(A)(2)] (d) Within sight of the controller (if applicable) [NEC 600.6(A)(3)]. (e) Out of sight of the controller (if applicable) and lockable with controller labeled showing its location [NEC 600.6(A)(3)].*
- Permit can be issued for proposed sign after ABR Sign Review Board approval is granted. This is your certificate of plan approval, and not your permit for installation.*

This is to certify that the submitted construction documents are approved in conformance with Section 105 OBC, subject to the conditions specified above.

Christopher Parmelee
Building Commissioner

City of Lakewood
12650 Detroit Avenue
Lakewood, OH 44107-2832
216.529.6295 (Phone)
216.529.5930 (Fax)
Email: Christopher.Parmelee@lakewoodoh.net

This certificate and one set of approved drawings, manufacturers' installation instructions and product information shall be kept at the work site and available for use by inspectors.

If work specified in this plan approval is not commenced within twelve (12) months of the approval date it shall expire. One extension shall be granted for an additional twelve-month period if requested by the owner in writing at least ten days in advance of the expiration of the approval.

If substantive changes to the building are contemplated during construction, those changes must be submitted to the Building Official for review and approval prior to those changes being executed.

THIS DOCUMENT IS ONLY TO CERTIFY APPROVAL OF THE CONSTRUCTION DOCUMENTS IN CONFORMANCE WITH THE OHIO BUILDING CODE AND IS NOT A PERMIT TO START WORK. PERMITS MUST BE OBTAINED IN CONFORMANCE WITH THE CITY OF LAKEWOOD CODIFIED ORDINANCES.



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Application Cover Page

Docket No.: 06-48-24

Permit No.: BBS24-000057

Applicant Name: Redmond Doyle, FASTSIGNS of North Olmsted

Project Address: 17500 Madison Ave.

Project Name: Comfort Dental

Project: Applicant proposes vinyl door and window graphics in multiple locations.



City of Lakewood : Project Letter for 17500 Madison Ave.

FASTSIGNS of North Olmsted was requested by Comfort Dental, to produce and install perforated window vinyl at the dental office location.

The perforated vinyl is applied to the outside of the glass. It provides privacy for the dental patients and allows the office staff to see outside.

The customer had been using white window blinds to provide privacy and sun protection. They wanted to add the 'privacy vinyl' to the windows and offer a 'pedestrian friendly' and impactful message to the area.

In error, FASTSIGNS of North Olmsted did not seek ABR/Sign Review Board permission before installing the vinyl.

The contextual photos of the neighborhood, pictures of the windows before the vinyl installation, site plan for the building, sign elevations, proofs and specifications and mounting plans are attached.

It appears that the dimensions of the window vinyl graphics may exceed the 15% limitation.

We are seeking approval for the graphics as described, and to apply for the sign permit, as they have been installed.

We appreciate any consideration the Review Board can give to the concept and approval of the window graphics requested.

Thank you very much,

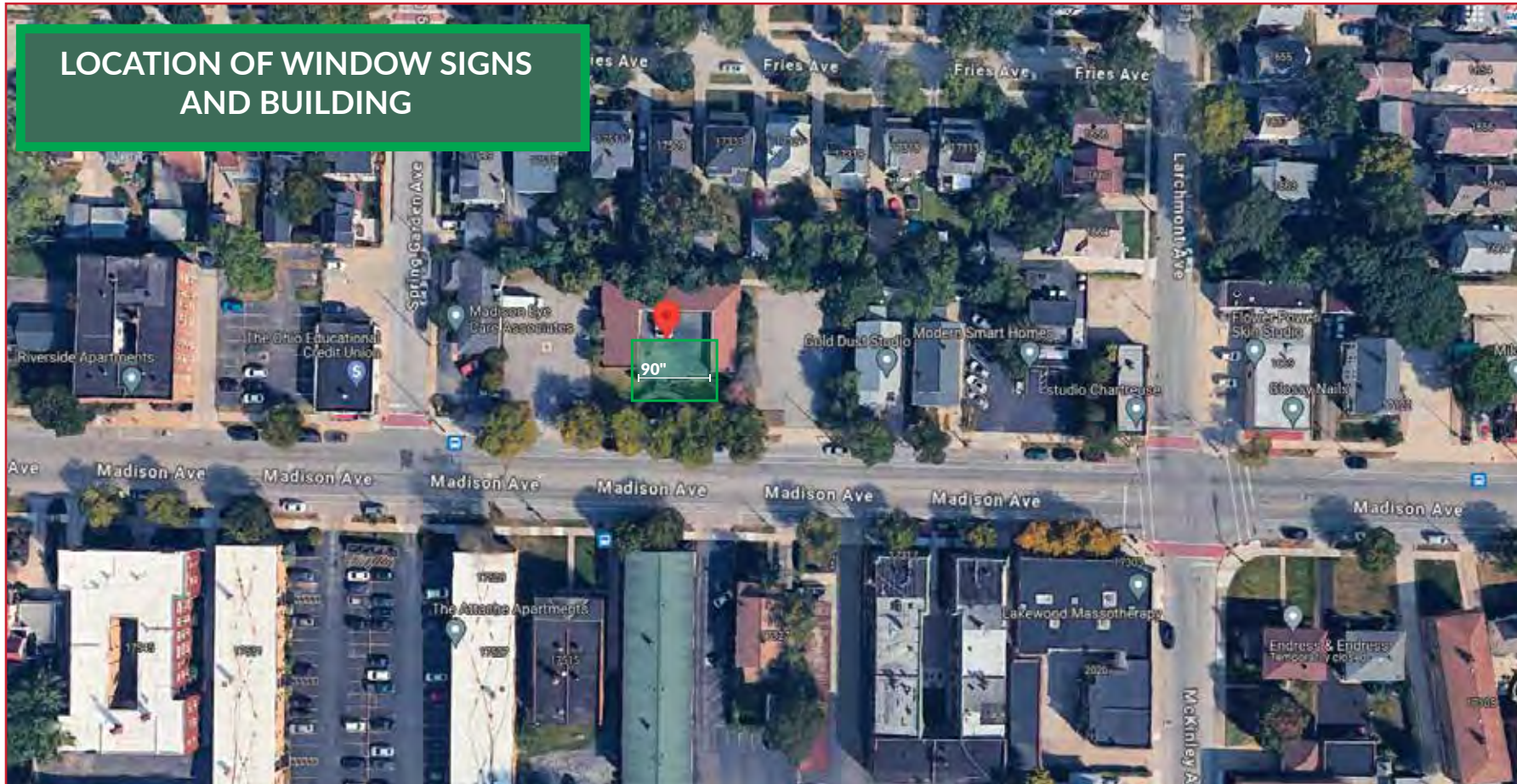
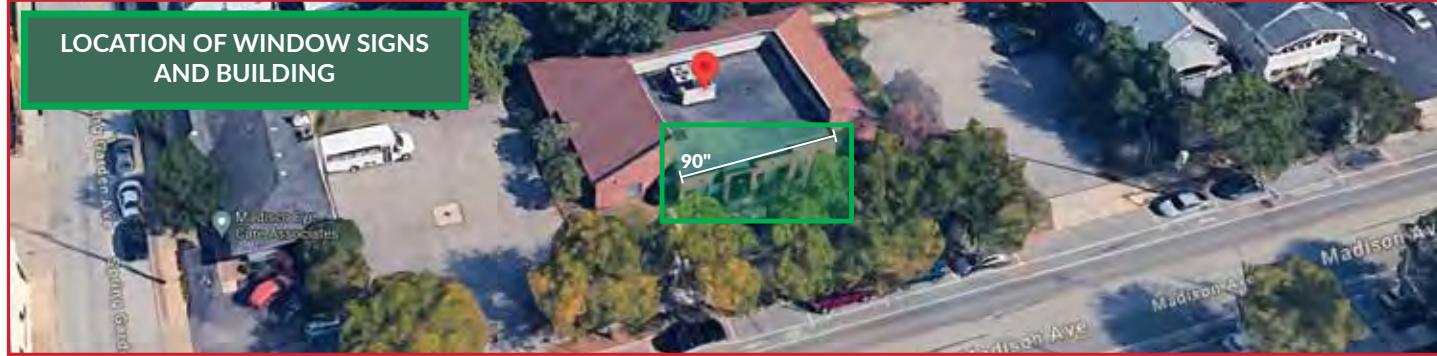
Redmond Doyle, owner

FASTSIGNS of North Olmsted 24181 Lorain Rd North Olmsted OH 44070

440-979-0025, email: 141@fastsigns.com

SITE PLAN

**ADDRESS:
17500 MADISON AVE.
LAKEWOOD, OHIO, 44107**



ADDITIONAL INFORMATION / PHOTOS

ADDRESS:
17500 MADISON AVE.
LAKEWOOD, OHIO, 44107

BEFORE:



AFTER:



CONTEXTUAL PHOTOS OF THE REST OF THE BUILDING/AREA



FRONT ELEVATION

ADDRESS:
17500 MADISON AVE.
LAKEWOOD, OHIO, 44107

TENANT FRONTAGE: 90 FT

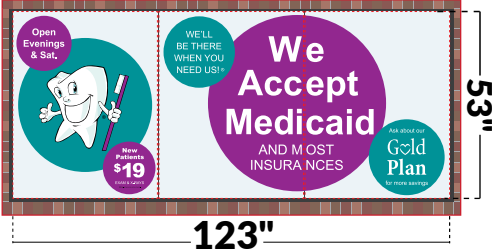
TOTAL SQFT FOR SIGN 1 (QTY 2): 45.27 SQFT

TOTAL SQFT FOR SIGN 2: 13.3125 SQFT

TOTAL SQFT FOR SIGN 3: 6.94 SQFT

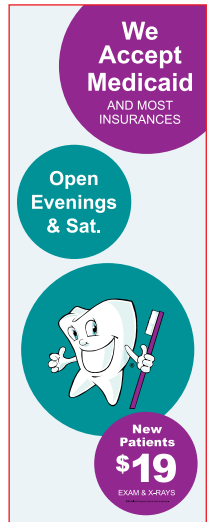
(SIGN 1 @ W: 123" X H: 53" - PER WINDOW)

SIGN 1 | QTY-2:
60/40 HD PERFORATED WINDOW VINYL



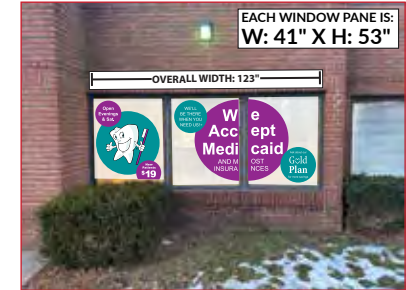
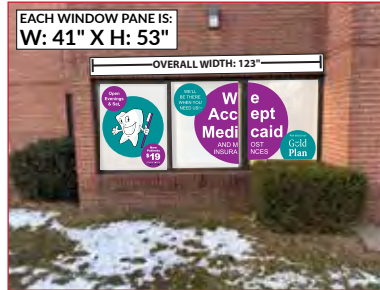
(SIGN 2 @ W: 27" X H: 71")

SIGN 2:
60/40 HD PERFORATED WINDOW VINYL



(SIGN 3 @ W: 25" X H: 40")

SIGN 3:
SELF ADHESIVE VINYL



Description: 40/60 perforated window film to be applied to 7 of the front facing windows - which includes one window pane of the glass doors - covering the window while still allowing some visibility. One door panel with self adhesive vinyl lettering adhered to the glass. Existing signage that was there prior have been removed to allow the new signage to go up, and perforated vinyl to go on windows that were previously empty, but vision into them was blocked by window blinds

SPECIFICATIONS | MOUNTING

ADDRESS:
17500 MADISON AVE.
LAKEWOOD, OHIO, 44107

SIGN 1:

- QTY 2 SETS OF 40/60 (40% OPEN) PERFORATED WINDOW FILM. APPLIED DIRECTLY TO THE GLASS SURFACE OF 7 GLASS WINDOWS/DOOR PANES OF THE FRONT PORTION OF THE BUILDING
- TOTAL MEASUREMENTS FOR ONE FULL SET OF WINDOWS WITH 3 PANES IS:
W:123" X H:53"

SIGN 2:

- QTY 1 SET OF 40/60 (40% OPEN) PERFORATED WINDOW FILM. APPLIED DIRECTLY TO THE GLASS SURFACE. TO COVER ONLY ONE DOOR OF THE TWO GLASS DOOR ENTRY.
- TOTAL MEASUREMENTS FOR ONE GLASS DOOR PANE IS:
W:27" X H: 71"

SIGN 3:

- QTY 1 SET OF SELF ADHESIVE VINYL. DISPLAYING THE LOGO & OFFICE INFORMATION OF THE BUILDING.
- TOTAL MEASUREMENTS FOR VINYL IS:
W: 25" X H: 40"



60/40 Perf Pattern
(40% open)





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Application Cover Page

Docket No.: 06-49-24

Permit No.: BBS24-000061

Applicant Name: Steven Foster, The Sign & Graphics Firm, LLC

Project Address: 15607 Madison Ave.

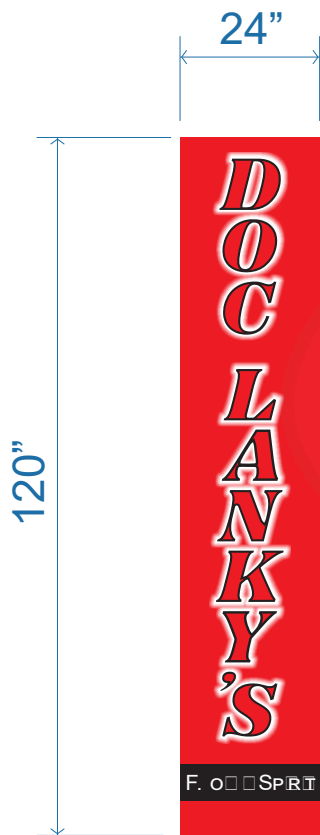
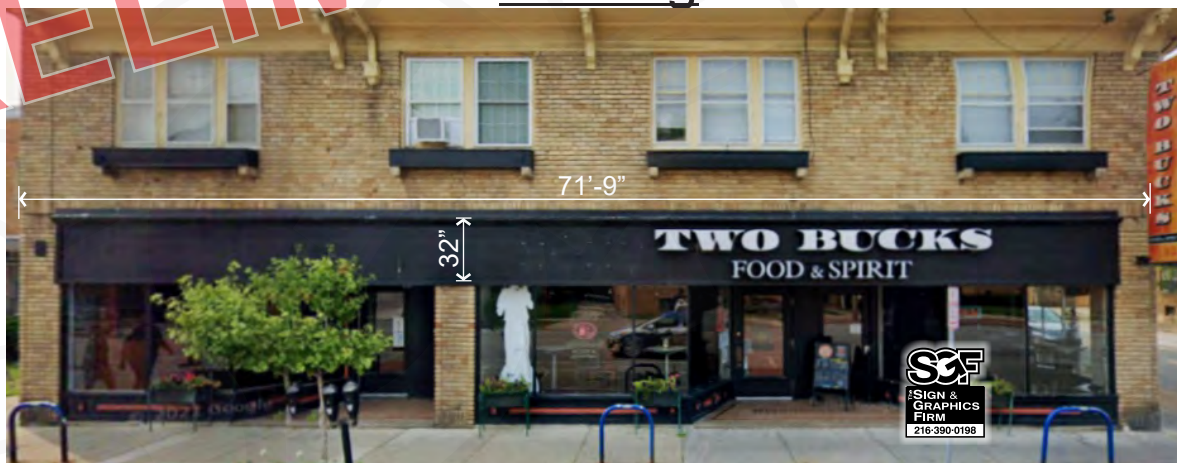
Project Name: Doc Lanky's

Project: Applicant proposes an externally lit double-sided blade sign and front and back-lit channel letters in the sign band.

Proposed



Existing



Double-Side Blade Sign
(External Illumination)

Front & Back-Lit Channel Letter Sign

PRELIMINARY

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
5-22-24

ADDRESS:
15607 Madison Ave.
Lakewood, OH 44107

BUSINESS NAME:
DOC LANKY'S LLC

Steven Foster
216.390.0198
sgfoster09@gmail.com

SCF SIGN & GRAPHICS FIRM





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SIGN REVIEW BOARD**

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Application Cover Page

Docket No.: 06-50-24

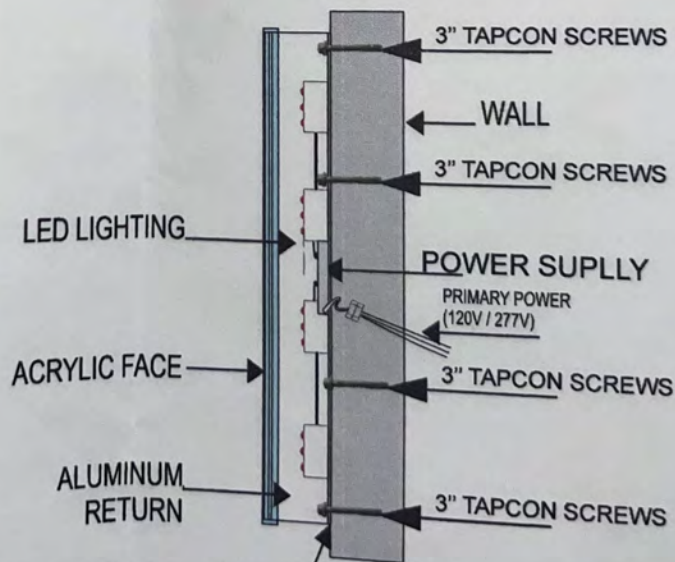
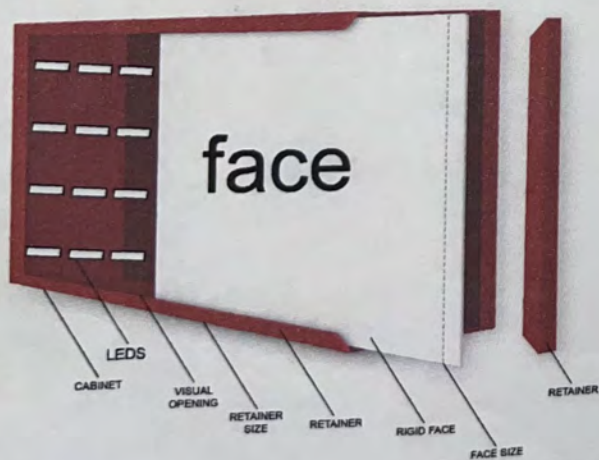
Permit No.: BBS24-000064

Applicant Name: Sam Baadani, Cloud City Smokes

Project Address: 13302 Detroit Ave.

Project Name: Cloud City Smoke Shop

Project: Applicant proposes an illuminated sign in the sign band.

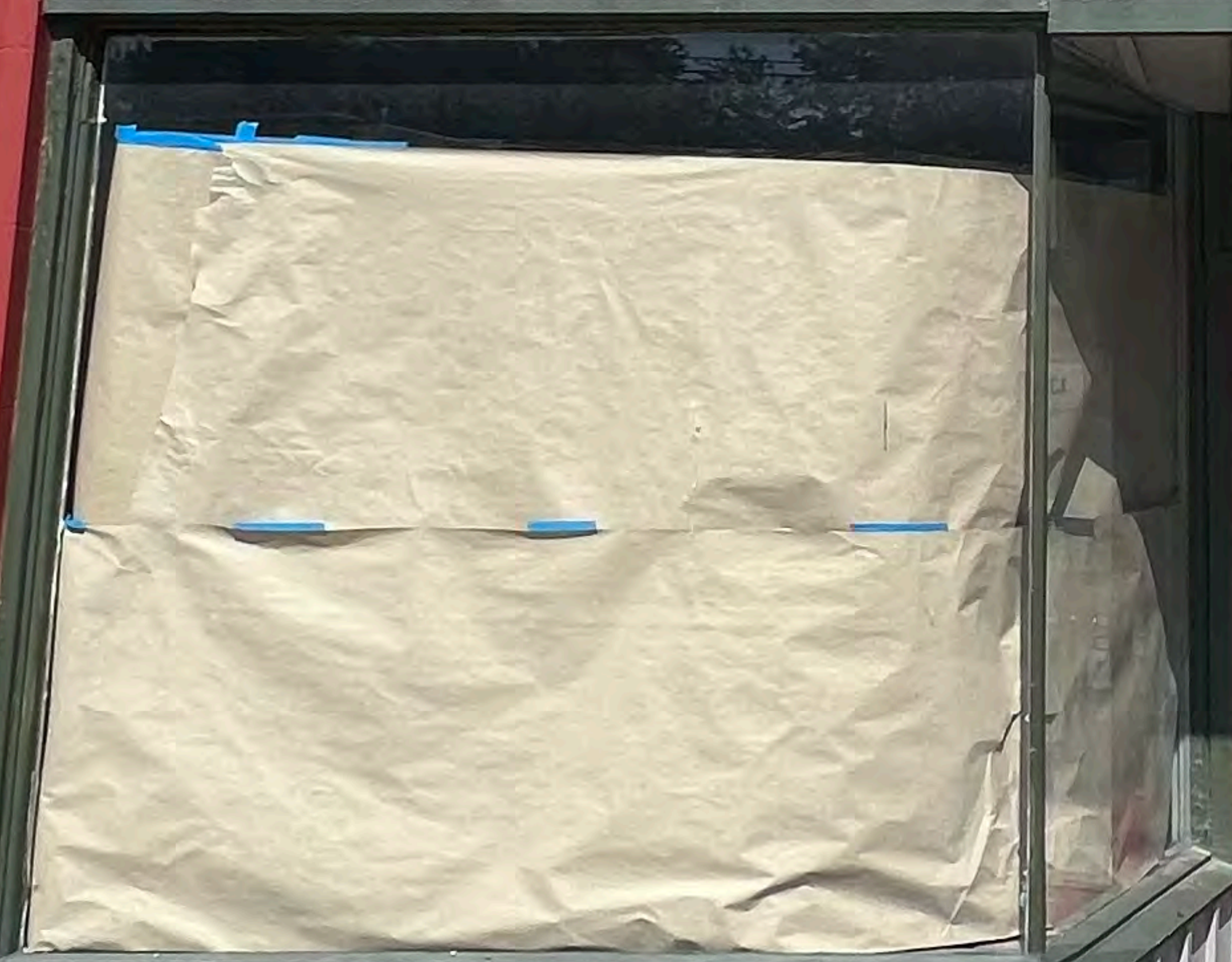


ALUMINUM OR POLYMETAL, STAPLED, WELDED, OR RETURNS

TOTAL SCREWS (12) TAPCON SCREWS

3 1/2 - 4 ft

11 1/2 - 12 ft





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Application Cover Page

Docket No.: 06-51-24 *

Permit No.: BBS24-000049

Applicant Name: David Maniet, Maniet Architects

Project Address: 1114 Forest Rd.

Project Name:

Project: Applicant proposes the construction of a new residence. *This is for discussion only; no ruling will be made, design feedback only.



David Maniet <djmoneit@gmail.com>

ABR Application

Jason Leon <jasonl261313@gmail.com>
To: David Maniet <davidjmaniet@gmail.com>

Thu, Apr 18, 2024 at 9:19 AM

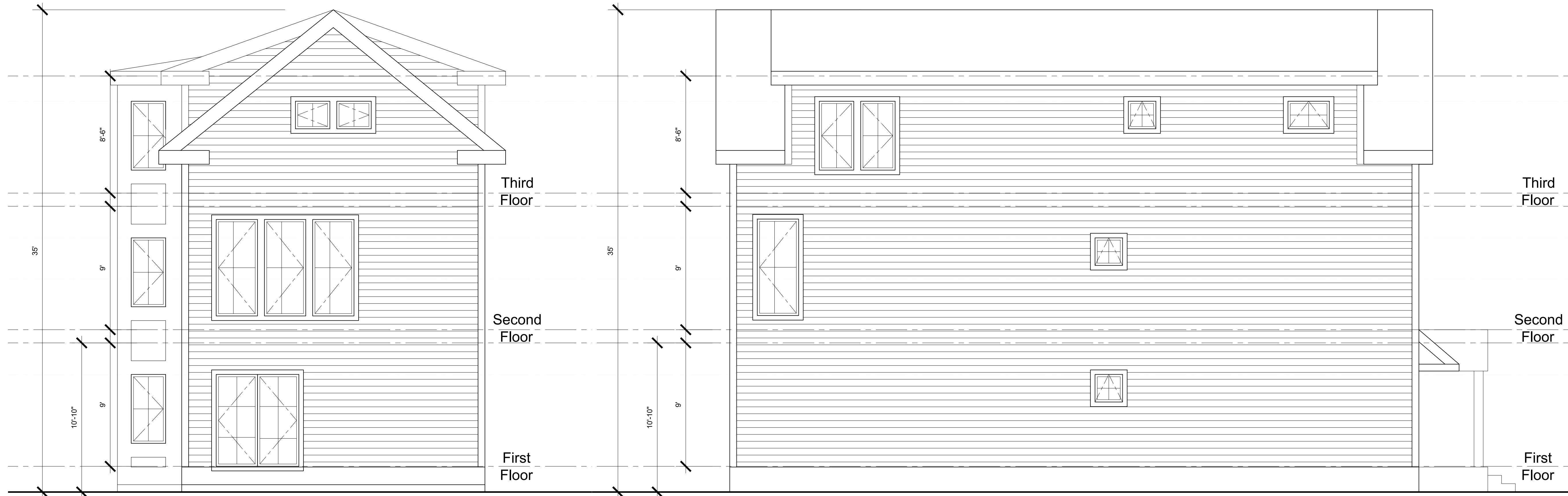
Please accept this correspondence authorizing David Maniet with Maniet Architects to act on my behalf for submissions to the Architectural Board of Review.

Jason León
4/18/2024



Front Elevation
 $\frac{1}{2}'' = 1'-0''$

North (Clifton) Elevation
 $\frac{1}{2}'' = 1'-0''$



Rear Elevation
 $\frac{1}{2}'' = 1'-0''$

South (Neighbor) Elevation
 $\frac{1}{2}'' = 1'-0''$

- WALL TYPES**
- 1 EXTERIOR 2X6 WOOD STUD WALL @ 24" O.C. GYPSUM INTERIOR.
 - 2 INTERIOR 2X6 WOOD STUD WALL @ 16" O.C. GYPSUM BOARD FINISH
 - 3 INTERIOR 2X4 WOOD STUD WALL @ 16" O.C. GYPSUM BOARD FINISH

NOTE: USE GREEN BOARD GYPSUM IN BATHROOMS, LAUNDRY ROOM, AND KITCHEN

- WALL LEGEND**
- NEW STUD WALL
 - FOUNDATION WALL

MA
MANIET
 ARCHITECTS

4 1 2 . 7 2 0 . 0 4 2 4
 DavidJManiet@gmail.com

Name / Project Address
Leon Residence
 1114 Forest Road
 Lakewood, Ohio 44107

Issue for Design Phase	Sheet
Date	A3
3/22/2024	
Drawn By	
DJM	



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Application Cover Page

Docket No.: 06-52-24

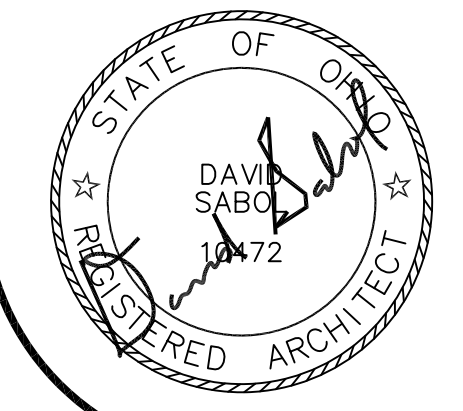
Permit No.: BBS24-000051

Applicant Name: Josh Kaye, Kay Construction

Project Address: 18097 Clifton Blvd.

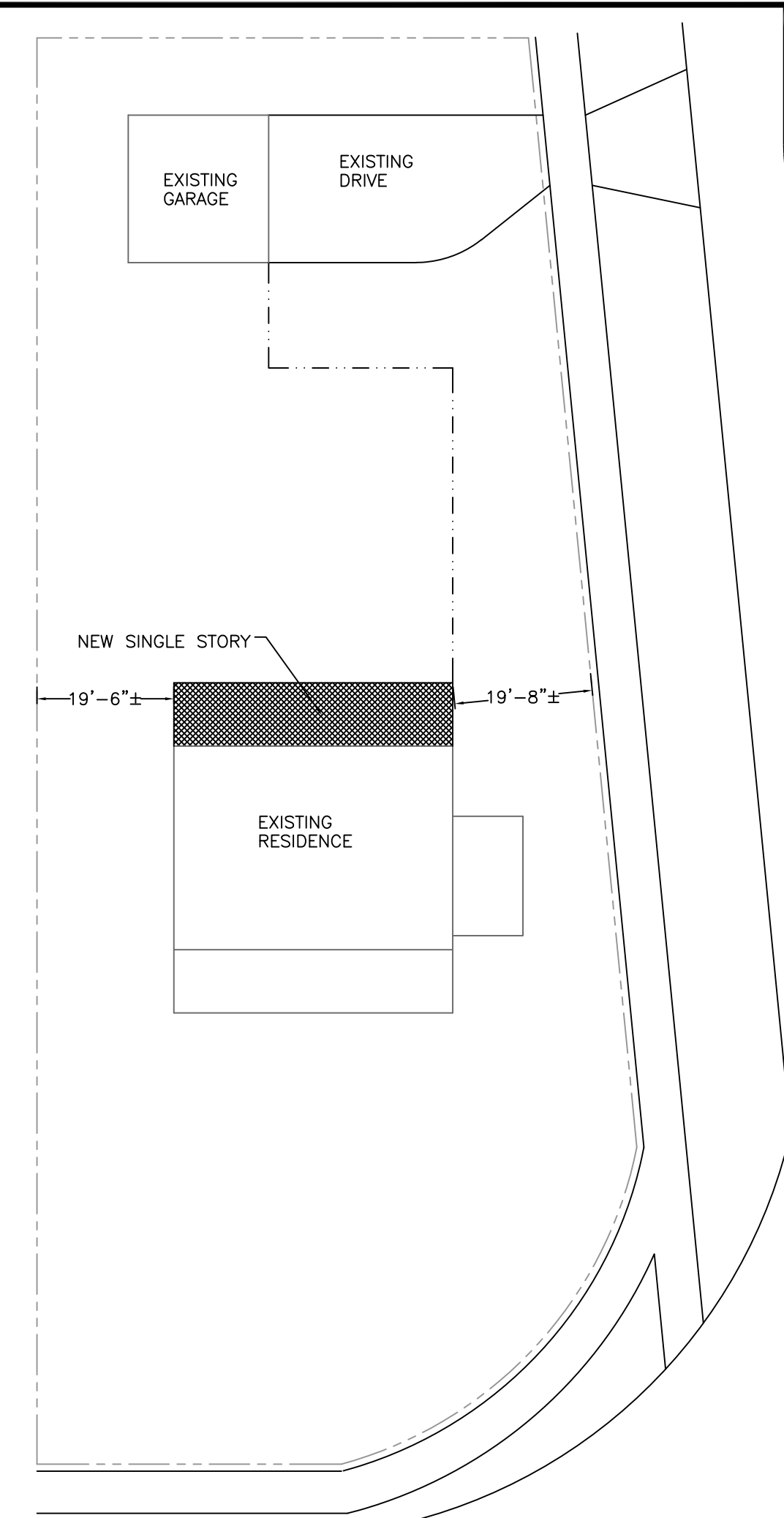
Project Name:

Project: Applicant proposes a new addition on rear of home.



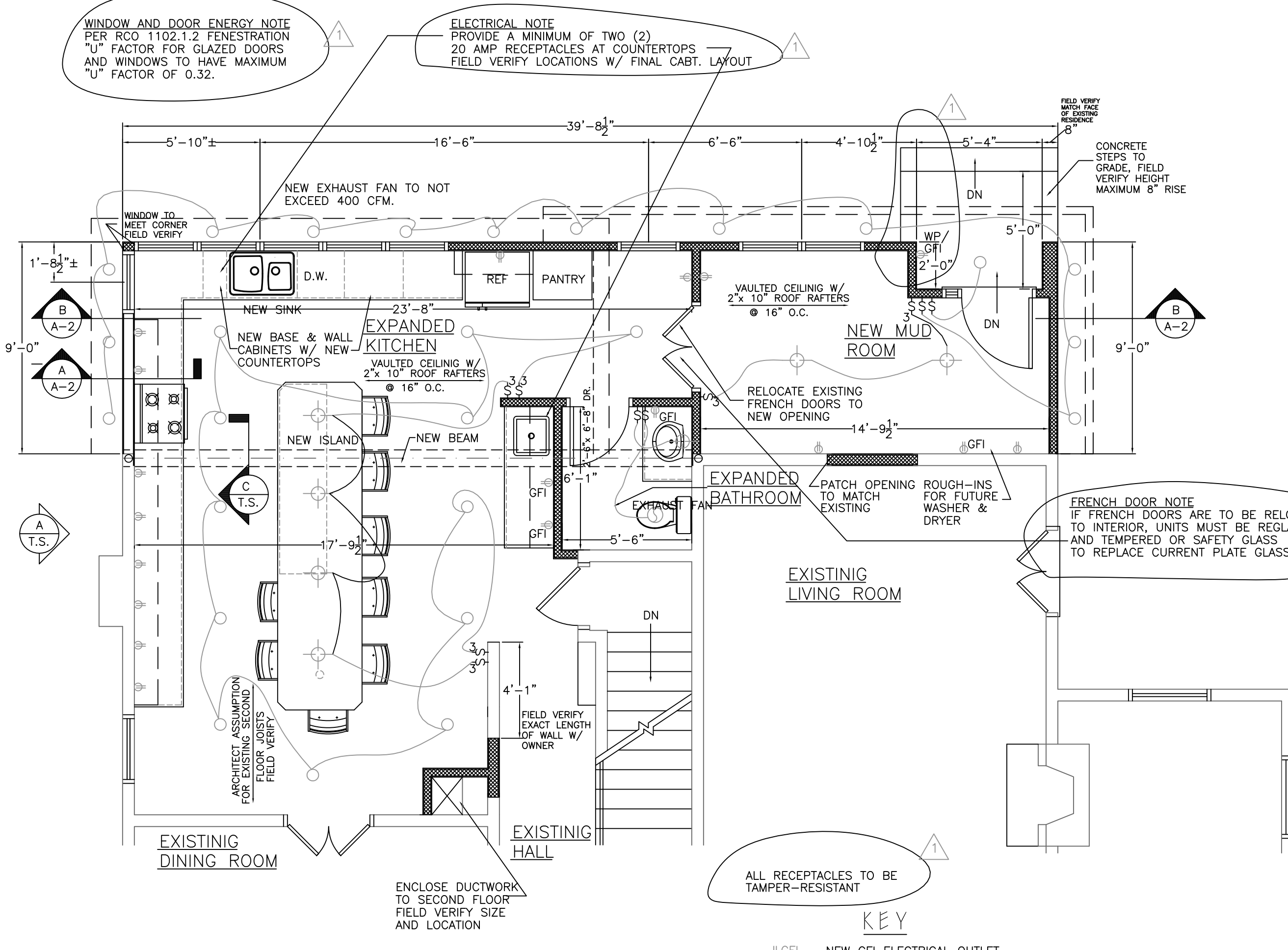
DAVID SABOL, 10472
12/31/24 EXPIRATION DATE

CLIFTON BLVD.



CLIFTON ROAD

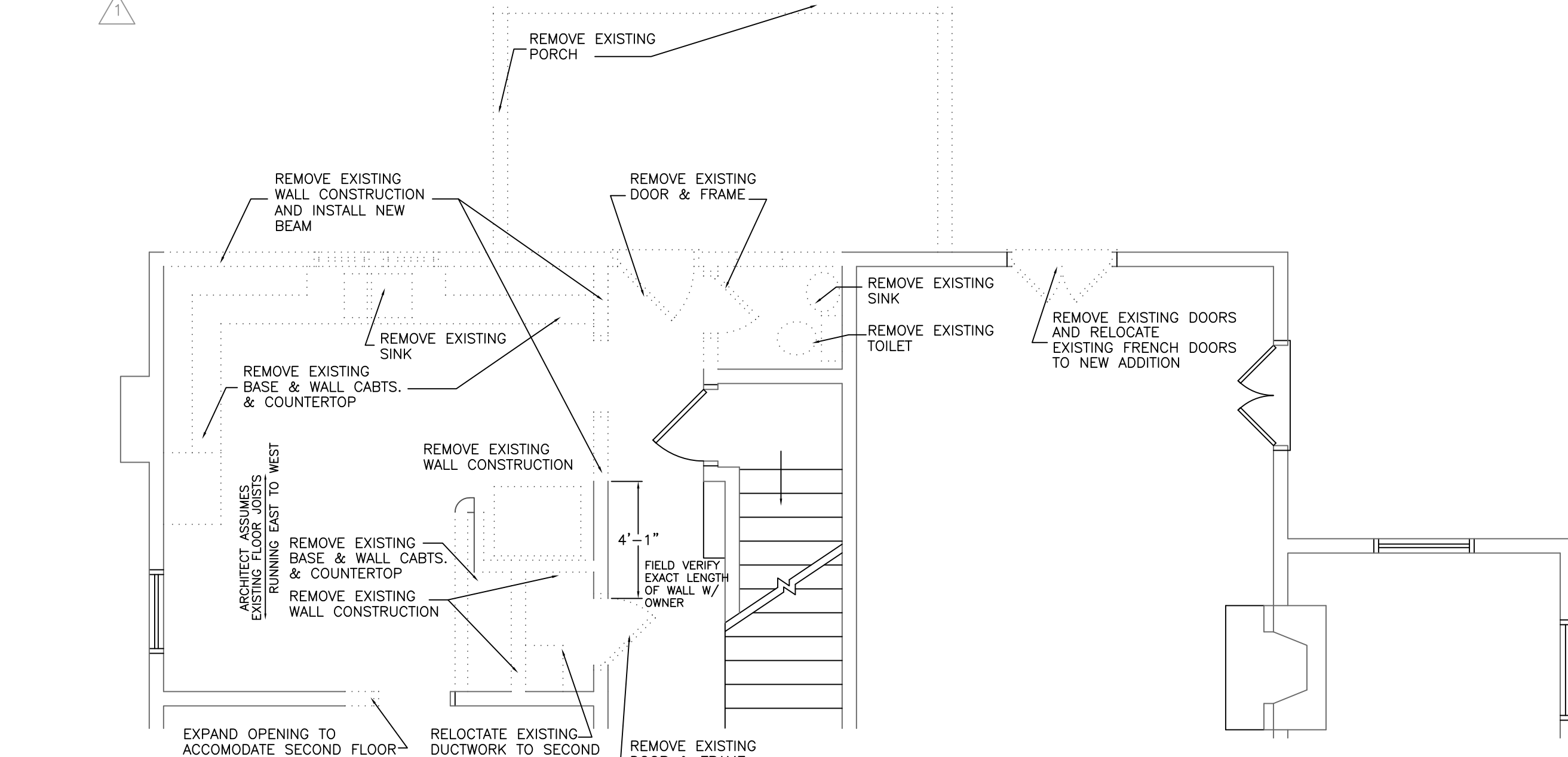
SITE PLAN
1" = 20'-0"



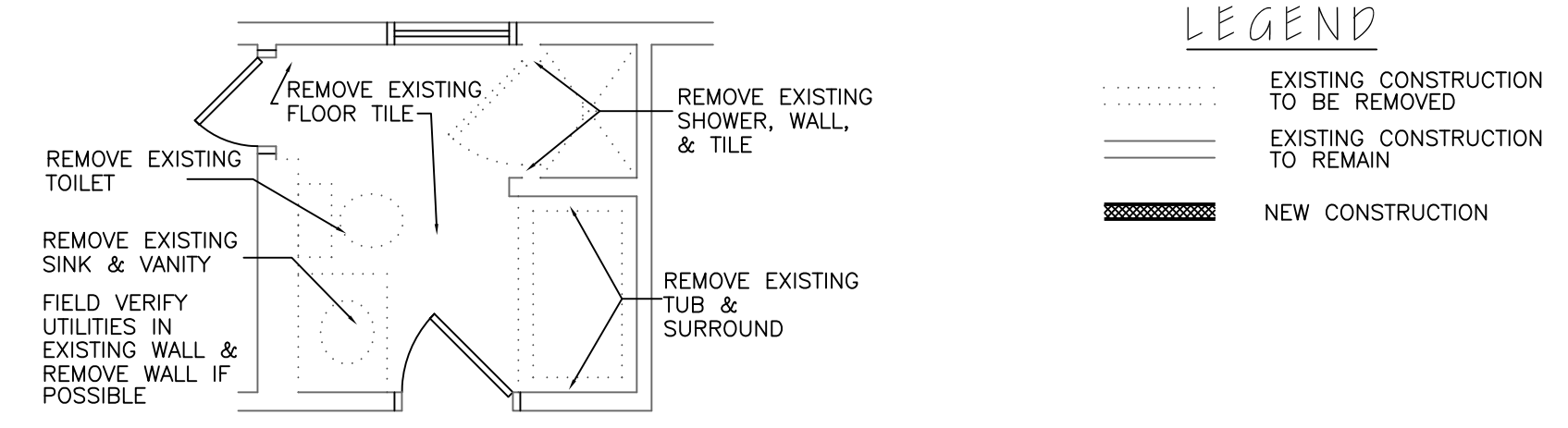
PARTIAL FIRST FLOOR NEW PLAN
1/4" = 1'-0"

AFCL ELECTRICAL NOTE
AFCL PROTECTION FOR NEW AND EXTENDED CIRCUITS IN THE FOLLOWING AREA: KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DEN'S, BEDROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, LAUNDRY AREAS OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION TYPE, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT (NEC 210.52(C)(5) EXCEPTION (2))

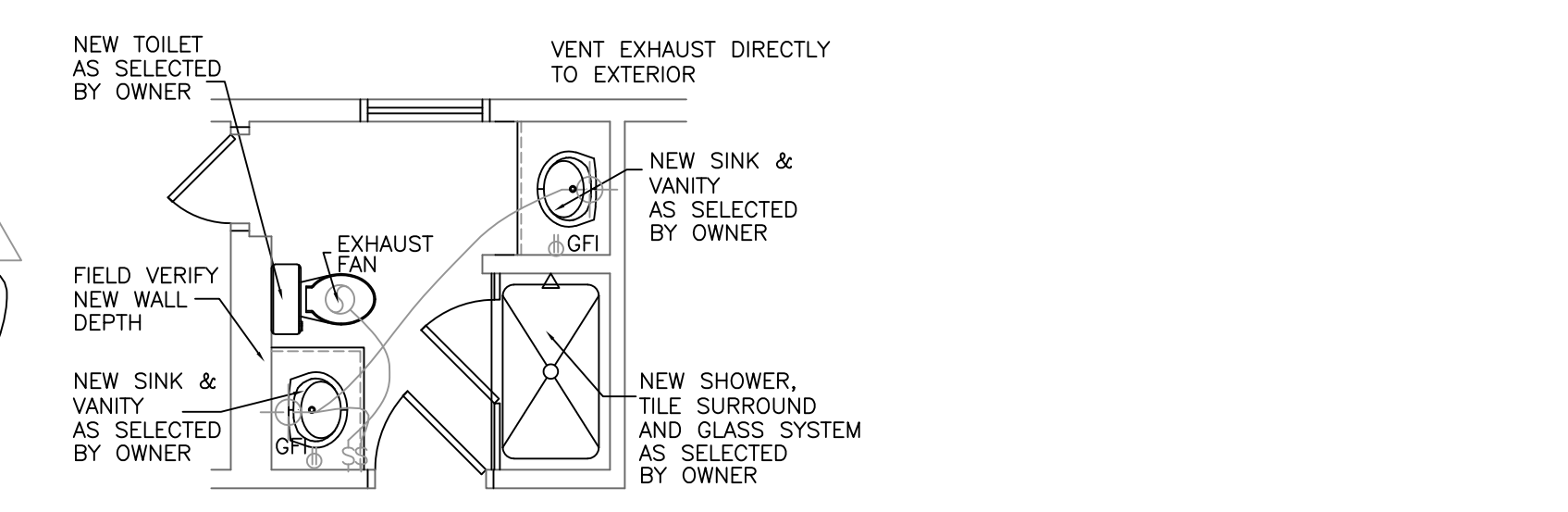
KEY
⊕GFI NEW GFI ELECTRICAL OUTLET
⊕ EXISTING ELECTRICAL OUTLET OR LIGHT FIXTURE TO REMAIN
⊕N NEW ELECTRICAL OUTLET OR LIGHT FIXTURE TO BE INSTALLED
⊕RE EXISTING ELECTRICAL OUTLET OR LIGHT FIXTURE TO BE REMOVED
\$ NEW SWITCH



PARTIAL FIRST FLOOR DEMOLITION PLAN
1/4" = 1'-0"

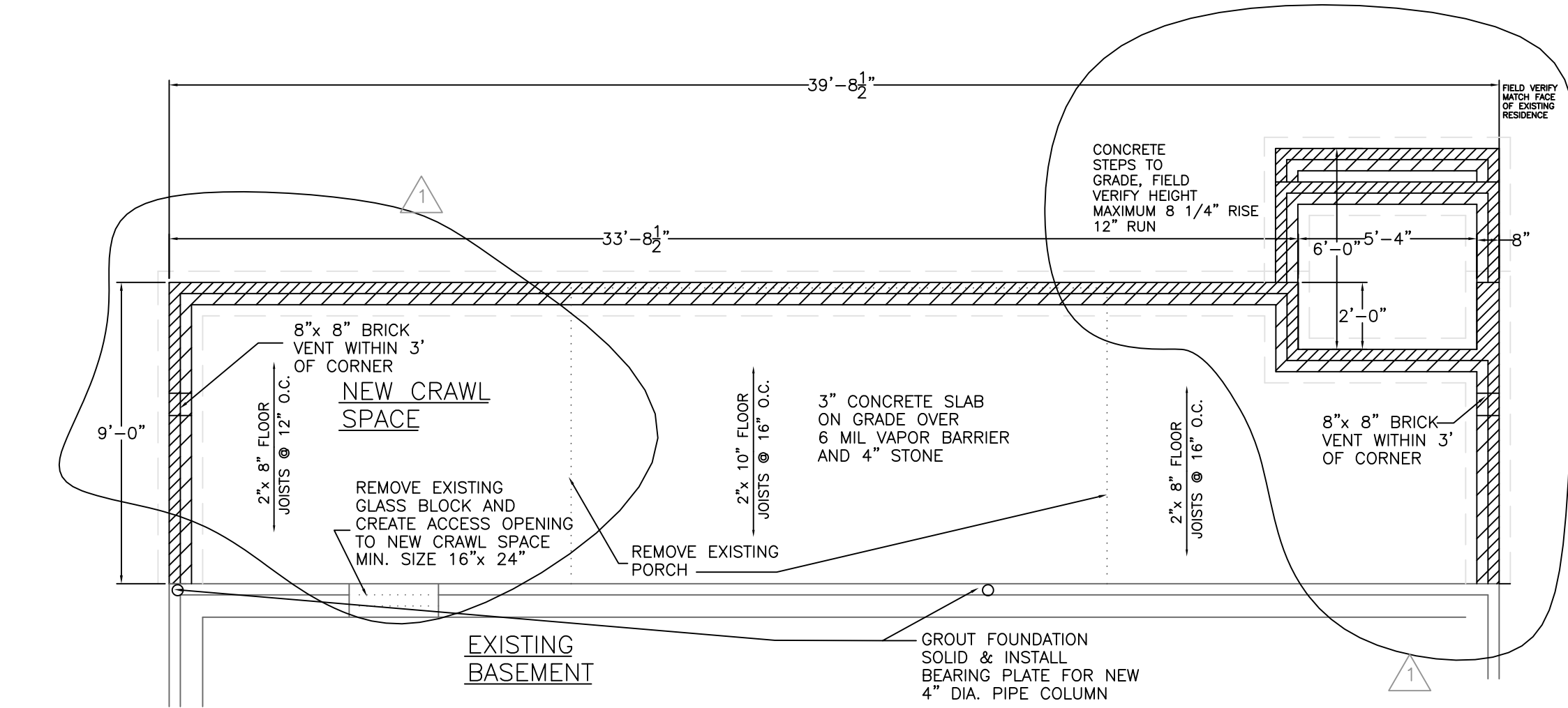


PARTIAL SECOND FLOOR DEMOLITION PLAN
1/4" = 1'-0"



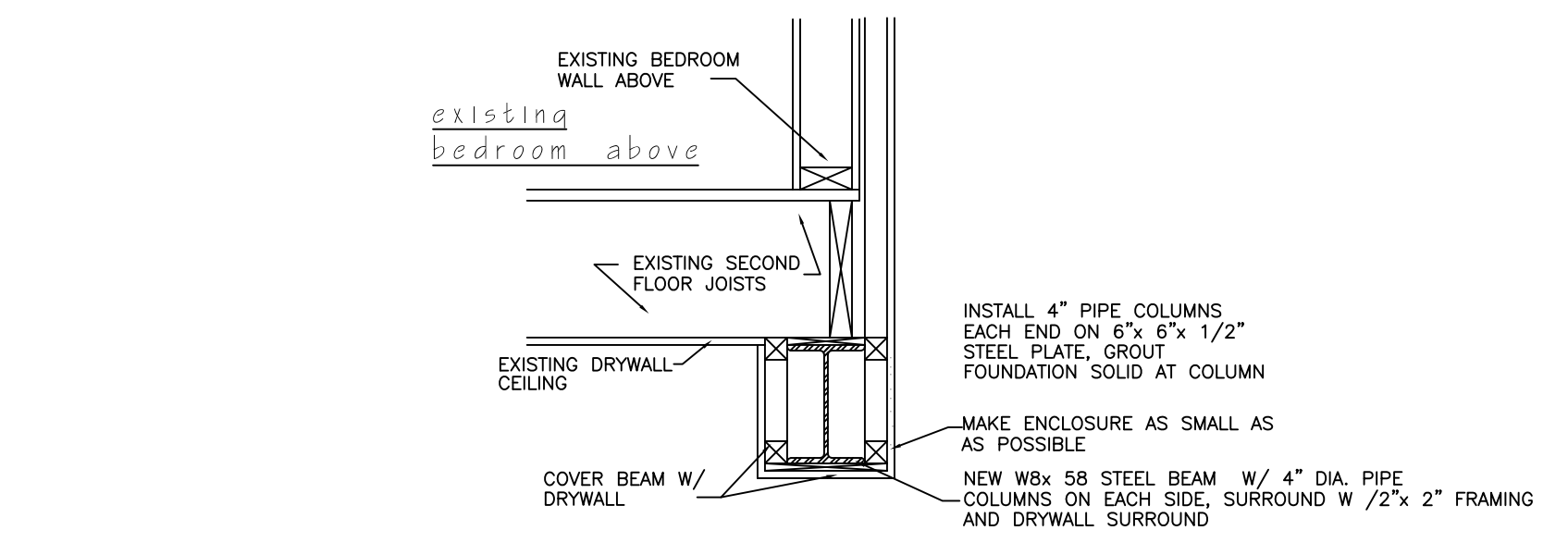
PARTIAL SECOND FLOOR NEW PLAN
1/4" = 1'-0"

SECOND FLOOR LIGHTING NOTE
ADD 2 RECESSED DOWNLIGHTS NEAR WALL WHERE EXISTING FRENCH DOORS ARE TO BE REMOVED. VERIFY FINAL LOCATION W/ OWNER IN FIELD

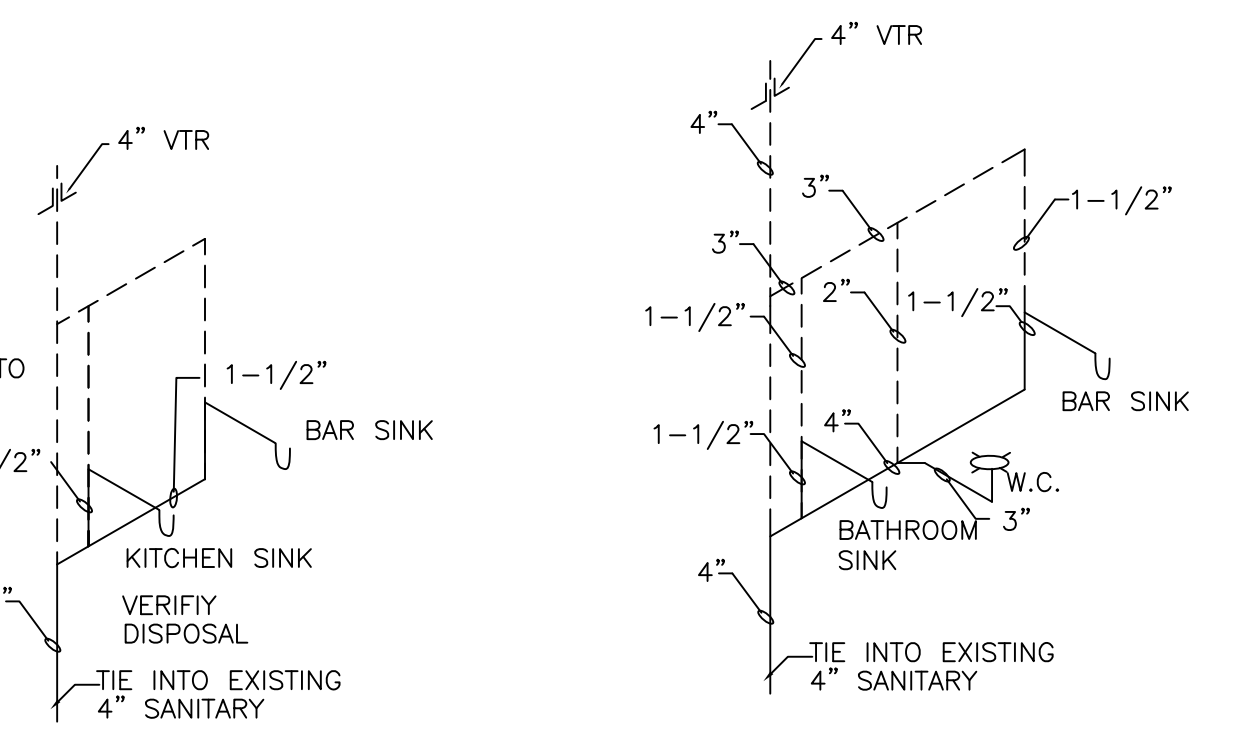


PARTIAL FOUNDATION PLAN
1/4" = 1'-0"

INSTALL MINIMUM OF ONE SQUARE FOOT BRICK VENT. VENTILATION FOR EVERY 1,500 S.F. W/ VAPOR BARRIER PER RC0408

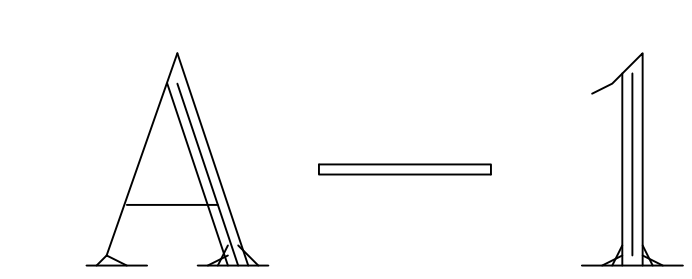


BEAM DETAIL
C.T.S.



PLUMBING STACK DIAGRAM RENOVATED KITCHEN
N.T.S.

PLUMBING STACK DIAGRAM RENOVATED FIRST FLOOR BATHROOM
N.T.S.











Case #:

City of Lakewood Division of Housing and Building
12650 DETROIT AVENUE • LAKEWOOD, OH 44107 • (216) 529-6270 • Fax: (216) 529-5930
Building.permits@lakewoodoh.net

Building Permit Application

PROJECT ADDRESS: 18097 Clifton Blvd. Lakewood OH Suite/Unit #

or PERMANENT PARCEL NUMBER:

PROPERTY CLASSIFICATION: 1, 2 or 3 Family OR Commercial (includes multifamily and condominiums)

USE DESCRIPTION: (1-Family, Retail, Restaurant, etc.) 1 family Change of Use?

PERMIT TYPE: Building *Plumbing *Mechanical *Electrical ***(complete reverse side)**

RELATED CASES: Correction Notice Plan Review A.B.R. Approval Case Number:

SCOPE OF PERMIT (Check all that apply):

- New Primary Structure Addition Alteration Repair Equip. Replacement Commercial Sign
- Tent or Temporary Rear Deck Shed Pool Water Controlling Waterproofing
- Commercial Hood Fire Suppression Fire Alarm HVAC Refrigeration
- Demolition Paving Storm Sewer Other (Please specify): _____

*VALUATION: (cost of the work) \$

PROJECT SIZE: (in square feet)

BRIEF DESCRIPTION OF WORK: (Include scope, dimension, location) DRAIN NO DRAIN

Remove existing mudroom structure and add an addition across the back of the house. Room Addition is to be approximately 9'x39'9" (See drawings). The existing kitchen is to be remodeled and incorporated into the addition. The main upstairs bathroom is to be remodeled (See drawings)

PROPERTY OWNER NAME: Ron Cheung + Eva Lum

Phone: (216) 333-2279

Business Name (if applicable)

Email:

Mailing Address: 18097 Clifton Blvd.

City: Lakewood

State: OH

Zip: 44107

CONTRACTOR NAME: Kaye Construction LLC

Phone: 440 334 6015

License/Reg. No.: LR20-000427

Email: KayeConstructionLLC@gmail.com

Mailing Address: 16366 Lake Forest Dr.

City: Strongsville

State: OH

Zip: 44136

ARCHITECT/ENGINEER: David Sabol

Phone: (440) 821-7303

Mailing Address: 10065 Echo Hill Drive

City: Brecksville

State: OH

Zip: 44141

I hereby certify all information contained in this application is true, accurate and complete to the best of my knowledge. Furthermore, I am the property owner of record; or an authorized representative of the contractor registered with the city of Lakewood listed above and authorized by the property owner to perform the work described. I am primarily responsible for the work described and agree to abide by the applicable provisions of law and building codes adopted by the state of Ohio and the City of Lakewood. All subcontractors working under my direction shall be registered with the City of Lakewood. Perpetuation of fraud or misrepresentation including contractors or property owners obtaining permits on behalf of an unregistered contractor is a violation of LCO §1306.69 and punishable by fines, jail time and revocation of contractor registration.

Josh Kaye
SIGNATURE OF CONTRACTOR / OWNER

03/11/24
DATE

Anticipated Completion Date: 08/01/24

ELECTRICAL PERMIT

Items	Qty	Cost per	Extended cost
Base Fee		\$30.00	\$30.00
Each 120 volt receptacle		3.00	
Each fixture outlet		3.00	
Each outlet or receptacle in excess of 120 volts		12.00	
Motors (each unit): 1/4 HP or less		10.00	
1/3 hp to and including 3/4 HP		15.00	
7/8 HP to and including 5 HP		20.00	
Over 5 HP		25.00	
X-ray machines or equipment		50.00	
Corrections or Alterations		20.00	
Panel, services, related equipment, and disconnects		50.00	
Low voltage smoke and/or fire alarm systems		50.00	
Residential State Fee add 1% - Commercial State Fee add 3%	1%	3%	
Subcontractor Name:		Total	\$

PLUMBING PERMIT

Items	Qty	Cost per	Extended cost
Base Fee		\$30.00	\$30.00
Lavatories, sinks, laundry trays, bath tubs, showers, standpipes, combination fixtures, urinals, water closets, floor drains, area drains, yard drains, refrigerator drains, dishwashers, sterilizers, dental chairs, water filters, ejector, sump pumps, garbage grinders, grease interceptor, and each three feet or fraction thereof of gang shower length, per each unit		3.00	
Gas Piping: For each outlet		5.00	
Each indoor sprinkler head		5.00	
Each outdoor sprinkler head		2.00	
Each inside leader		3.00	
Each air admittance valve		10.00	
Hot water storage tanks: Up to and including 150 gallon capacity		5.00	
151 gallon and up to and including 300 gallon capacity		8.00	
301 gallon and more		10.00	
Each drain or sewer per 100 feet of aggregate length or part thereof according to diameter:			
Up to and including 6 inches in diameter		10.00	
8 inch diameter		15.00	
10 inch diameter		20.00	
12 inch diameter		25.00	
Potable water piping per 100 feet of aggregate length or part thereof <small>(excluding service line governed by Water Dept.)</small>		10.00	
Residential State Fee add 1% - Commercial State Fee add 3%	1%	3%	
Subcontractor Name:		Total	\$

HVAC PERMIT

Unit	Qty	Make	Model	BTU's/Tons of Cooling	Type of Fuel	New or Replacement
Warm Air Furnace						<input type="checkbox"/> New <input type="checkbox"/> Replacement
Boiler						<input type="checkbox"/> New <input type="checkbox"/> Replacement
Unit Heater						<input type="checkbox"/> New <input type="checkbox"/> Replacement
Heat Pump						<input type="checkbox"/> New <input type="checkbox"/> Replacement
Air Conditioner						<input type="checkbox"/> New <input type="checkbox"/> Replacement
*Will the A/C be placed in the side yard? YES or NO *If YES, please attach A/C side yard placement worksheet.						
Solar						<input type="checkbox"/> New <input type="checkbox"/> Replacement
Other						<input type="checkbox"/> New <input type="checkbox"/> Replacement
If new whole house A/C, cost is: \$ _____ Increase in heating BTU's: _____						
Add \$40.00 Base Fee						\$40.00
Residential State Fee add 1% - Commercial State Fee add 3%						1% 3% \$
Subcontractor Name:						Total \$



**BOARD OF BUILDING STANDARDS
ARCHITECTURAL REVIEW BOARD
SIGN REVIEW BOARD**

12650 Detroit Avenue • (216) 529-6630 • FAX (216) 529-5907 • www.lakewoodoh.gov

Application Cover Page

Docket No.: 06-53-24

Permit No.: BBS24-000054

Applicant Name: Eric A. Anderson

Project Address: 2164 Brown Rd.

Project Name:

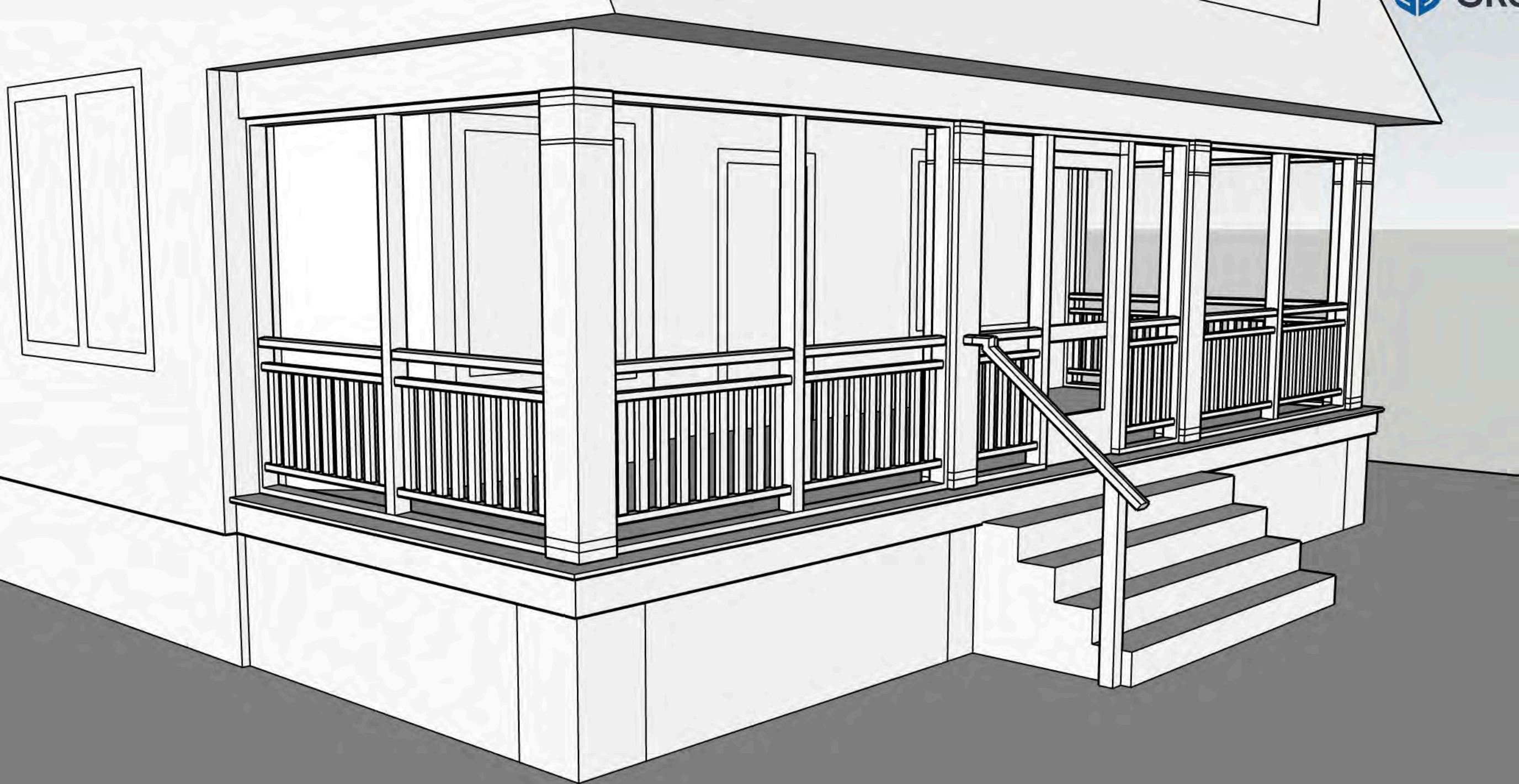
Project: Applicant proposes the rebuild of a front porch.

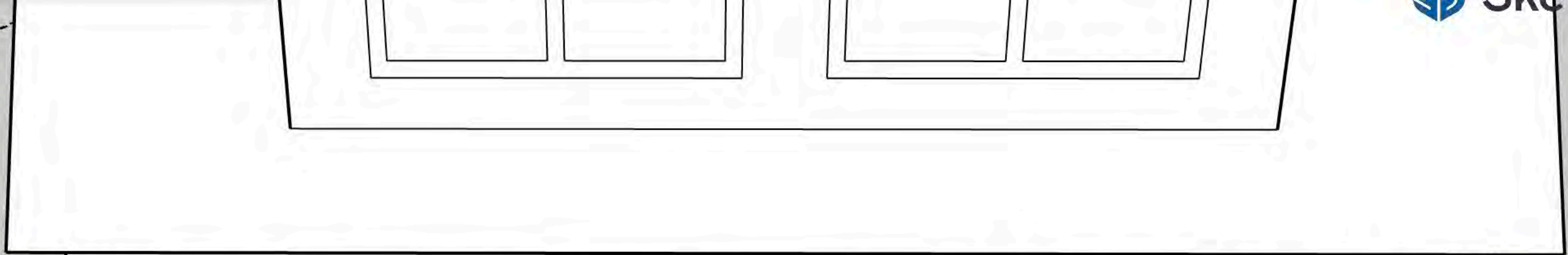


2166

2164









Scope of project and materials:

Reframe porch structure - pressure treated framing lumber

Replace porch flooring - reclaimed Douglas fir 5/4 tongue and groove

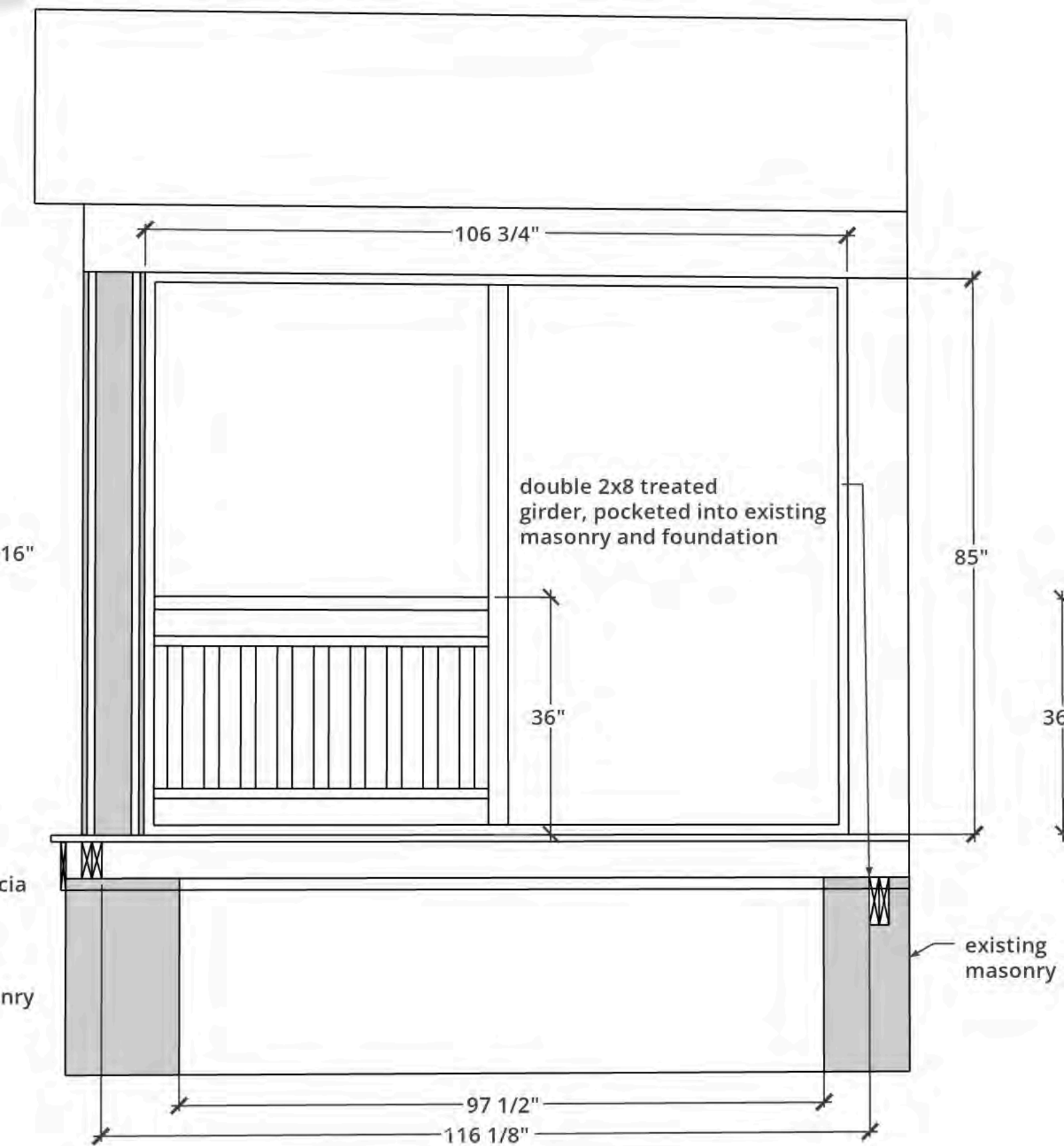
Replace columns - load bearing 6x6 post and decorative 0.75 in MDO box column

Replace screening and handrail - heavy duty pet screen installed with spline, hand rail and screen panel components made from Douglas fir, painted

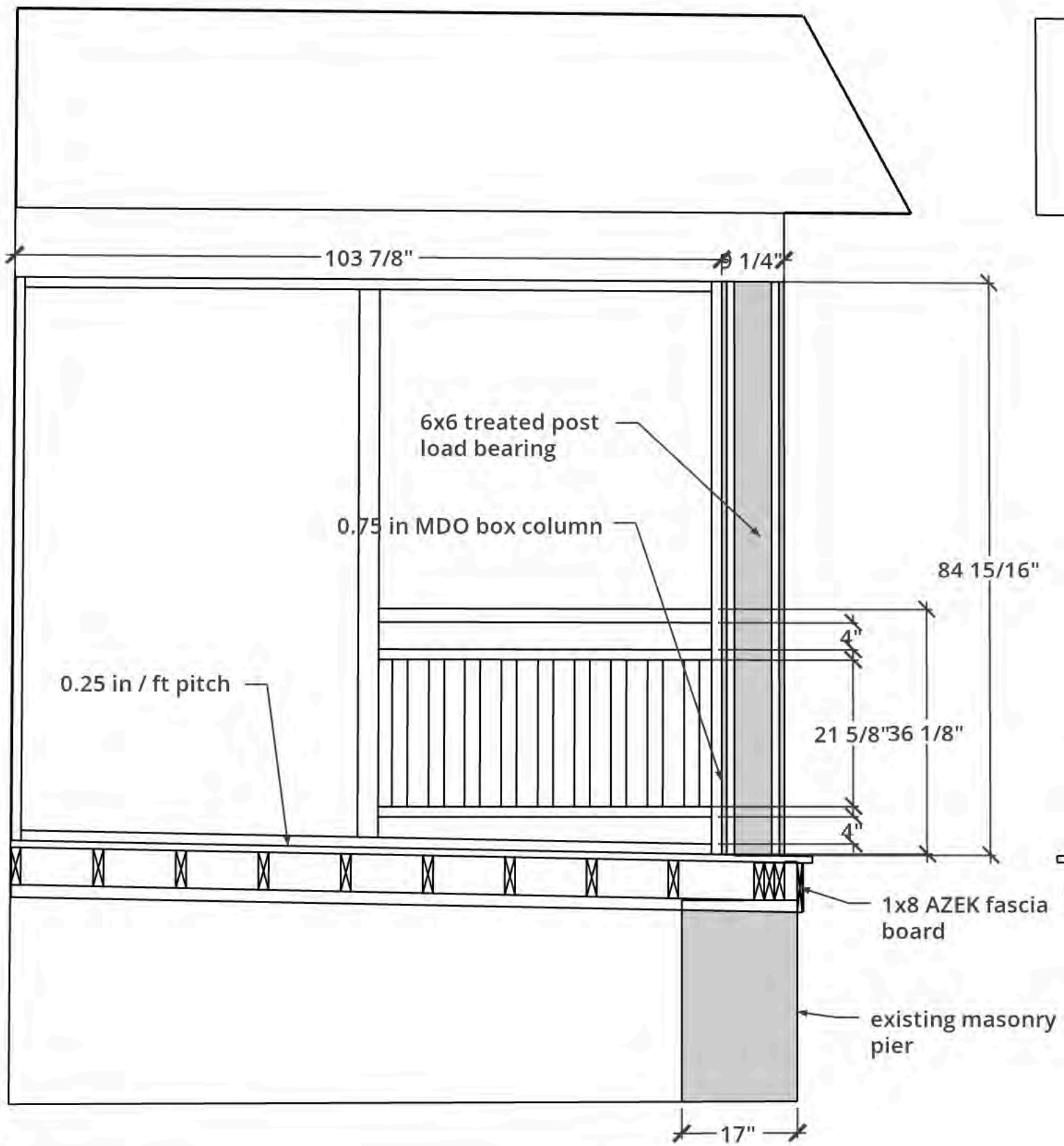
Porch trim boards - AZEK 1x8

|





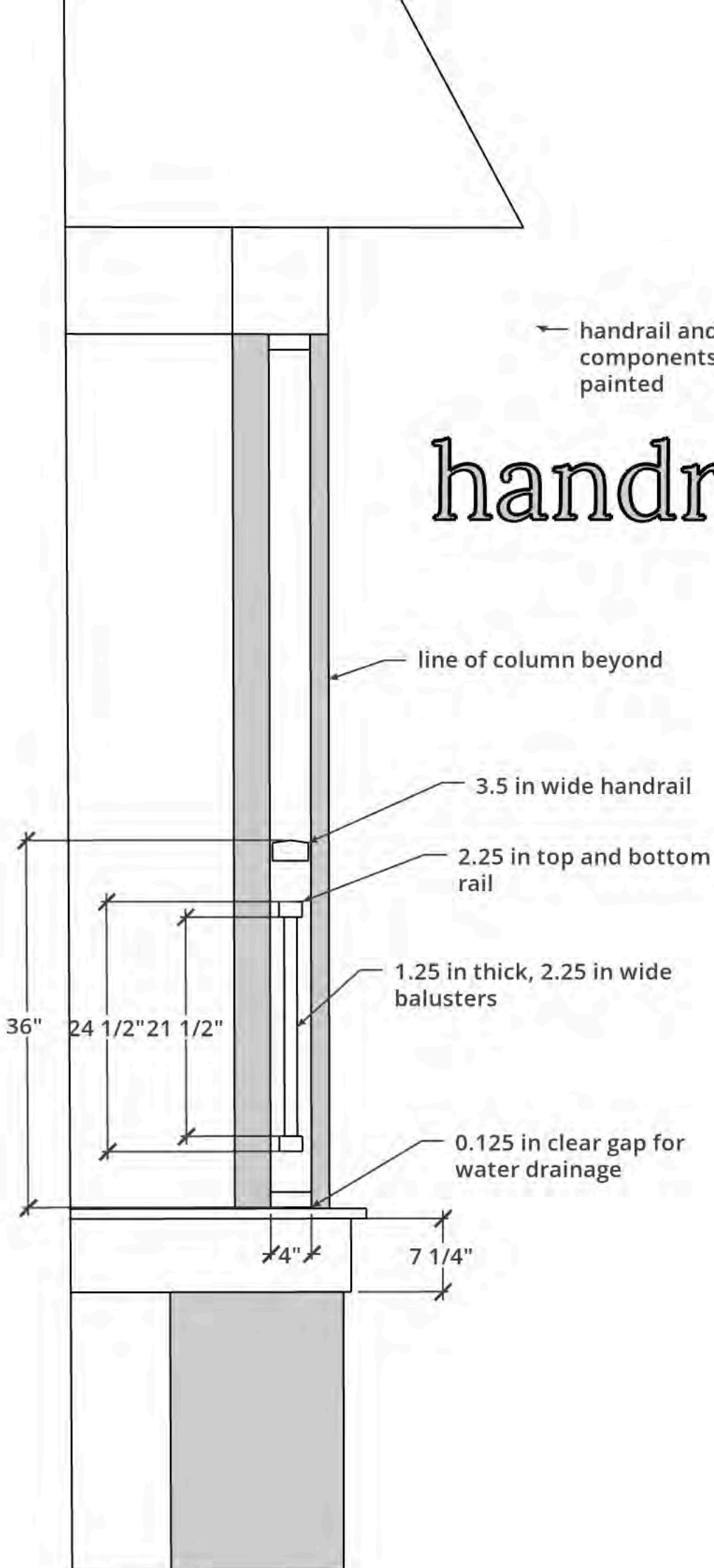
front view

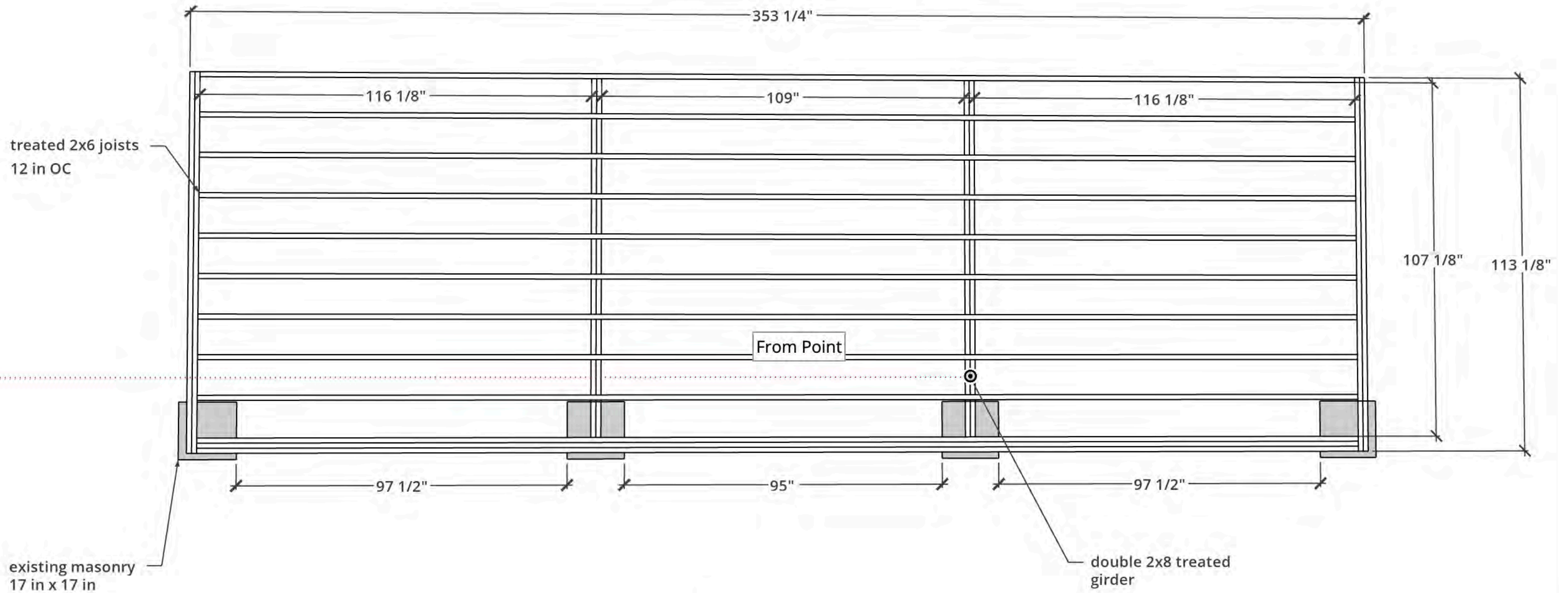


side view

← handrail and screen frame components from douglas fir painted

handrail section





porch framing

















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Application Cover Page

Docket No.: 06-54-24

Permit No.: BBS24-000055

Applicant Name: Ian Moyers, Elegant Renovation, LLC

Project Address: 2215 Wascana Ave.

Project Name:

Project: Applicant proposes the replacement of a front porch with a new one.

Date: Monday, October 23, 2023

**CHICAGO TITLE COMPANY, LLC
3560 WEST MARKET STREET
Suite 105
Fairlawn OH 44333**

Contact Names: DOUGLAS BOYLE, BILL FELLER

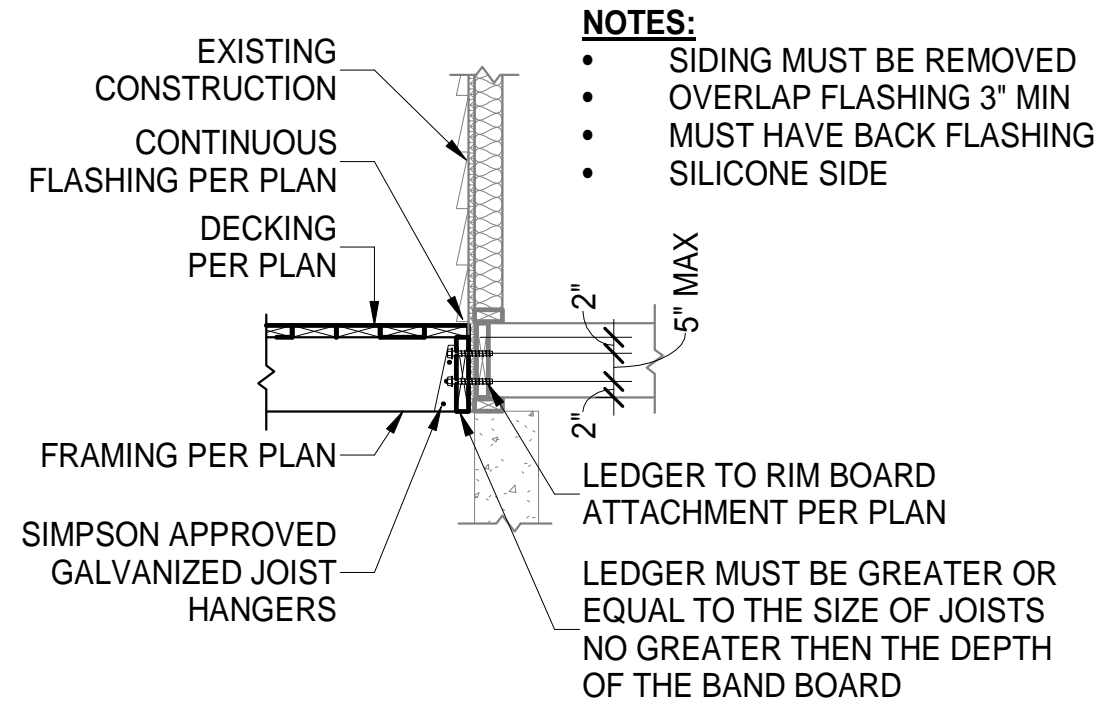
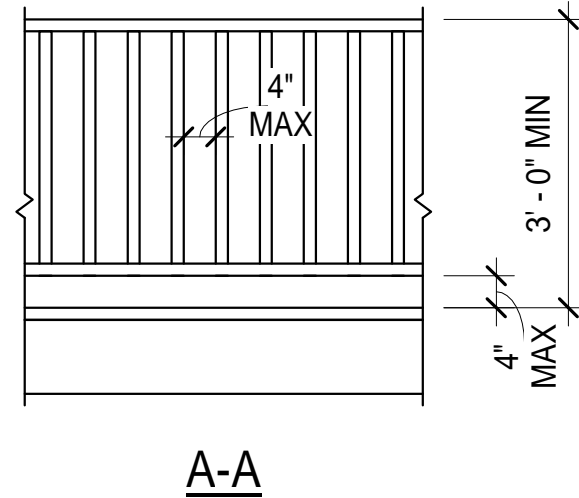
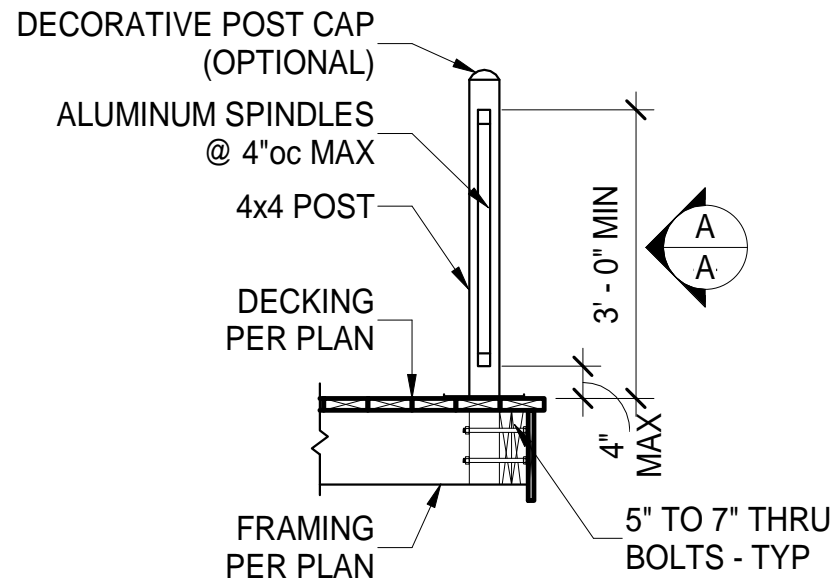
Title Order #: 2300154051-20E
Buyer: SPERRY HOLDINGS LLC
Property: 2215 WASCANA AVENUE
LAKEWOOD, OH 44107
McSteen #: 642935

Amount Due: \$205.00

Please Remit Payment To:

**McSteen & Associates, Inc.
1415 East 286th Street
Wickliffe, OH 44092**

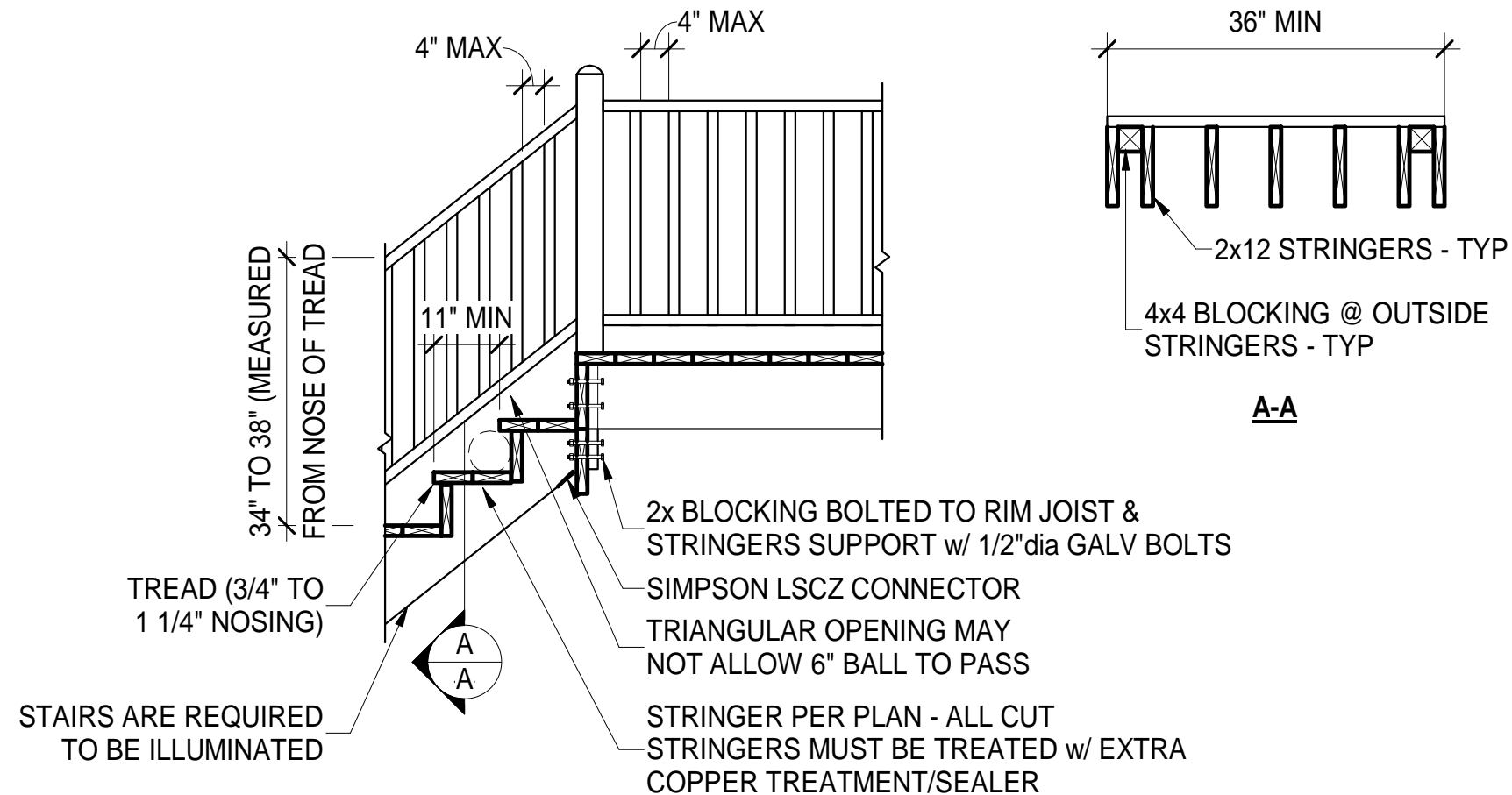
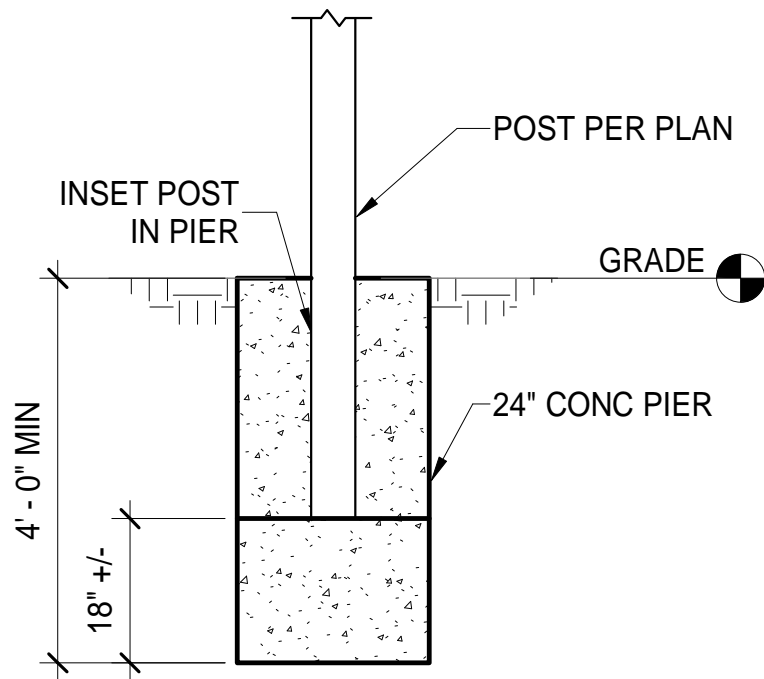
Thank you for using McSteen for your Surveying needs.



- NOTES:**
- SIDING MUST BE REMOVED
 - OVERLAP FLASHING 3" MIN
 - MUST HAVE BACK FLASHING
 - SILICONE SIDE

A TYPICAL POST TO DECK DETAIL
D1 N.T.S.

B TYPICAL LEDGER DETAILS
D1 N.T.S.



C TYPICAL POST @ PIER DETAIL
D1 N.T.S.

D TYPICAL STAIR DETAIL
D1 N.T.S.

MOYERS

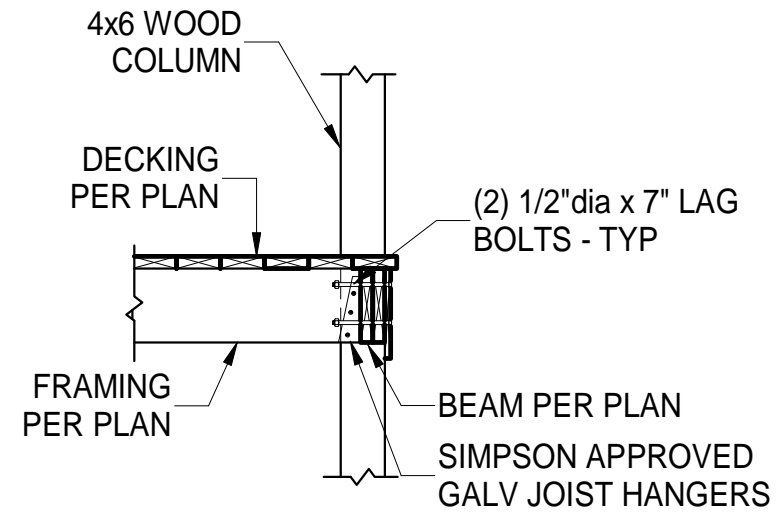
2215 WASCANA AVE.
LAKEWOOD, OH44107

REVISIONS

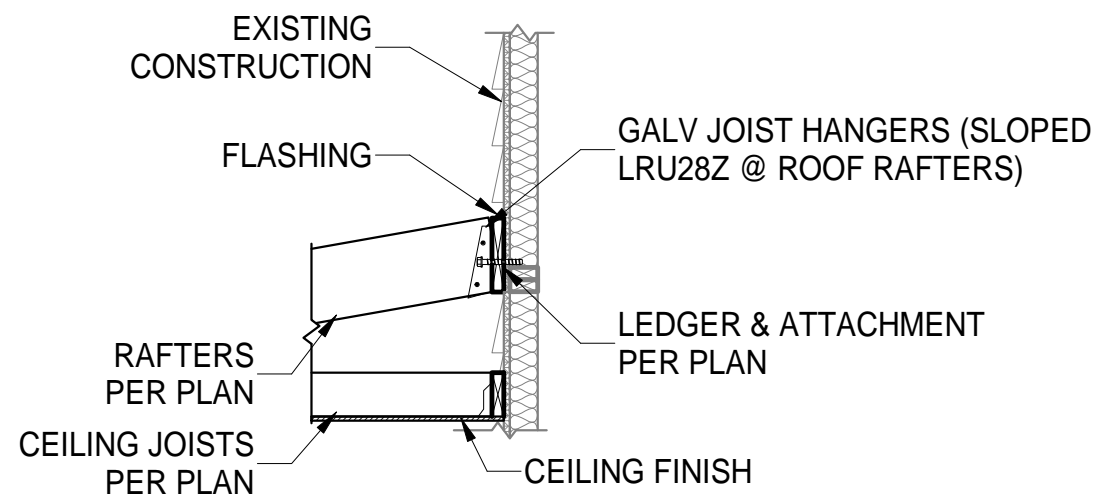
No.	Description	Date

D1

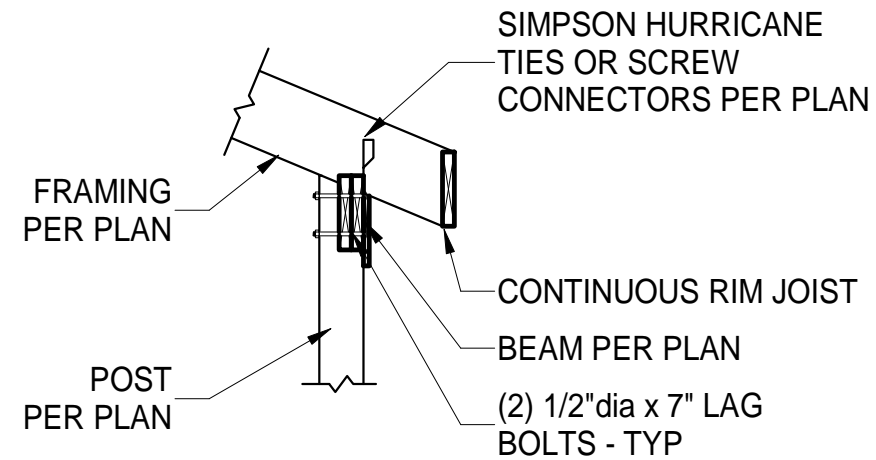
TYPICAL DETAILS



A **TYPICAL BEAM TO POST DETAIL**
D2 **N.T.S.**



B **TYPICAL ROOF LEDGER**
D2 **N.T.S.**



C **TYPICAL ROOF BEAM TO POST**
D2 **N.T.S.**

MOYERS

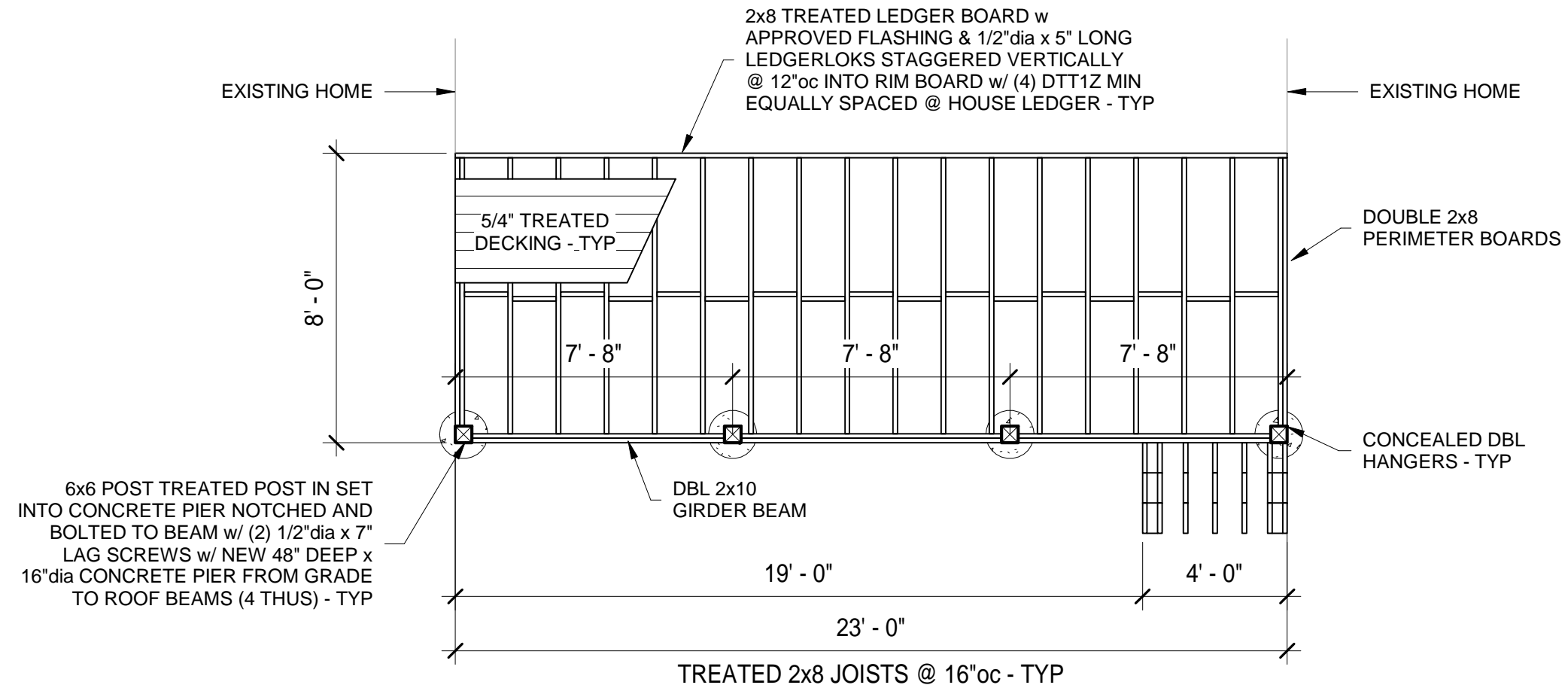
2215 WASCANA AVE.
 LAKEWOOD, OH44107

REVISIONS

No.	Description	Date

D2

TYPICAL DETAILS



2x12 TREATED STRINGERS @
12"oc MAX w/ 7" 3/4" MAX RISE
AND 11" MIN TREAD - TYP

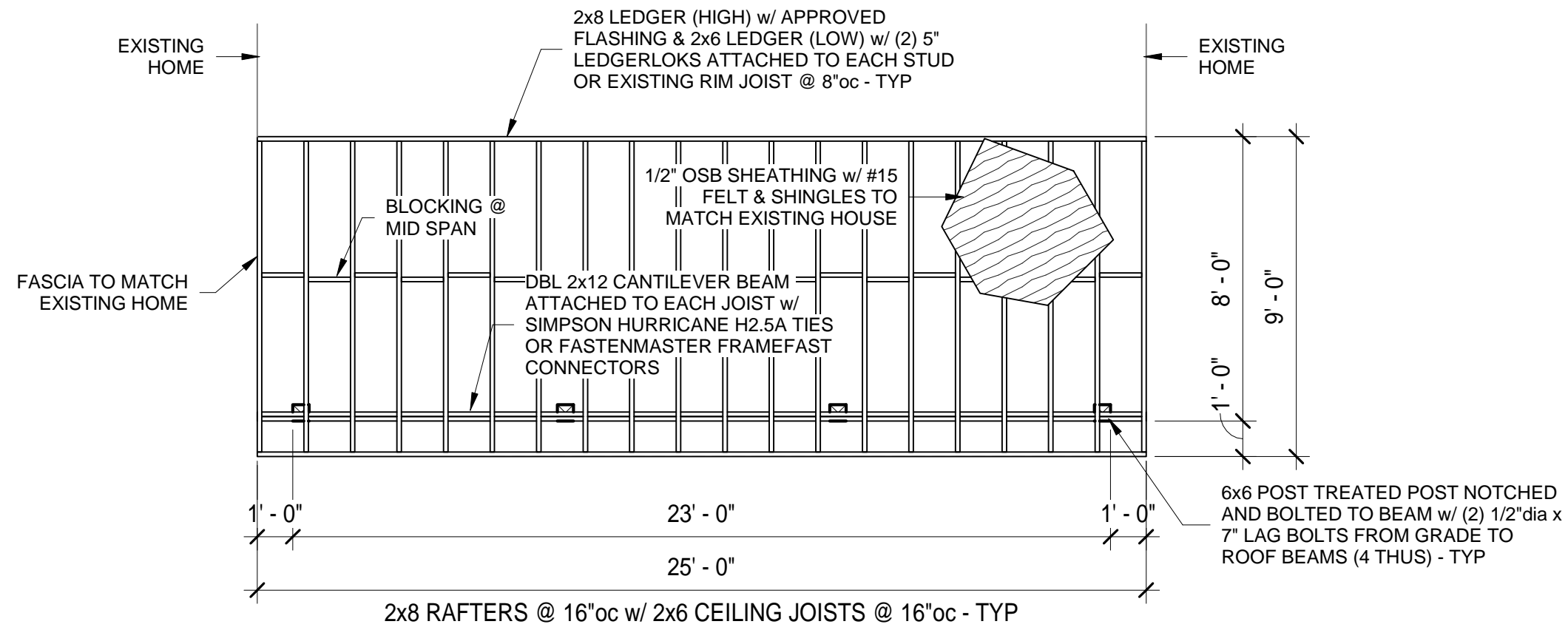
MOYERS
2215 WASCANA AVE.
LAKEWOOD, OH44107

REVISIONS

No.	Description	Date

D3

FRAMING PLAN
SCALE: 1/4" = 1'-0"



MOYERS

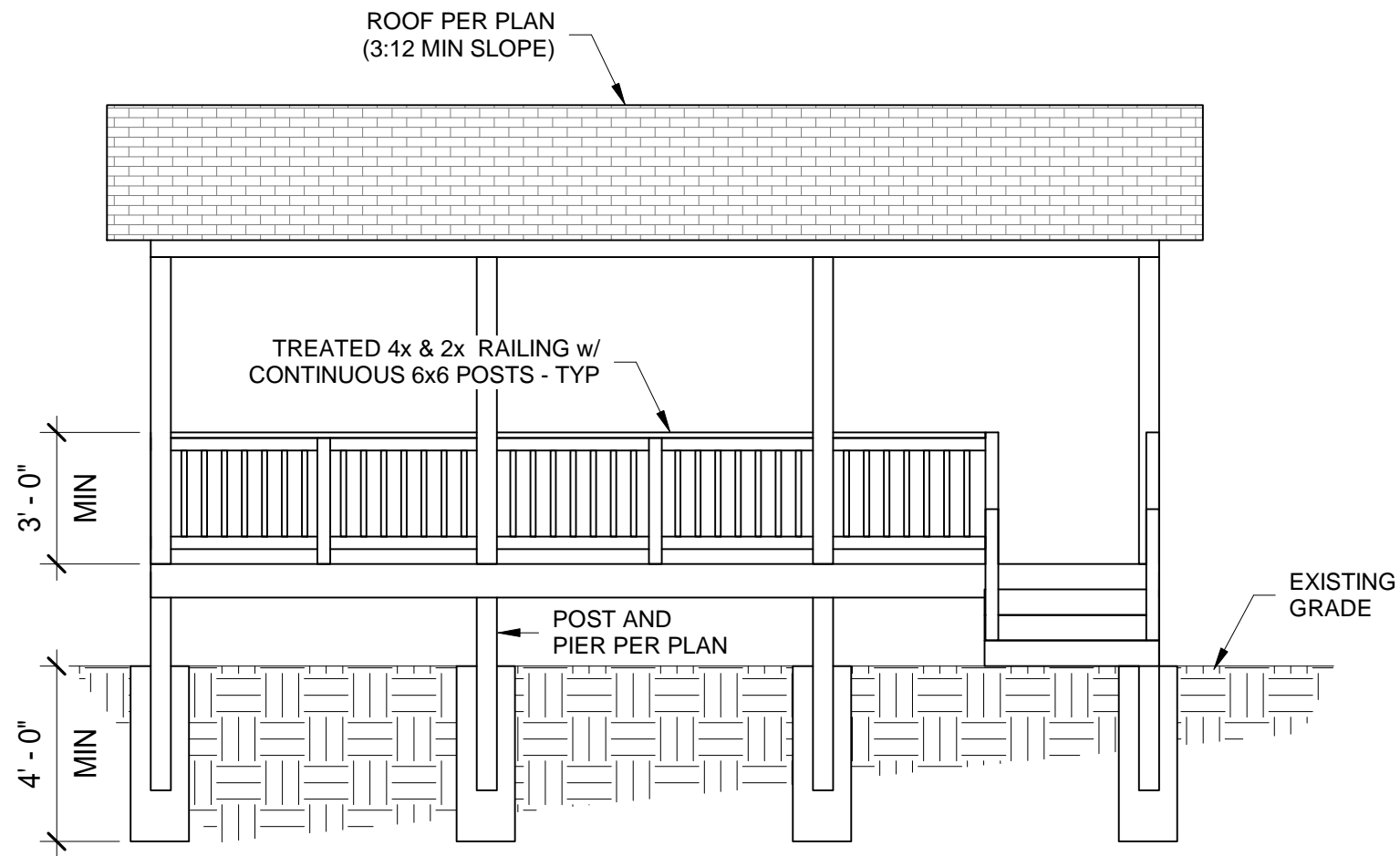
2215 WASCANA AVE.
LAKEWOOD, OH44107

REVISIONS

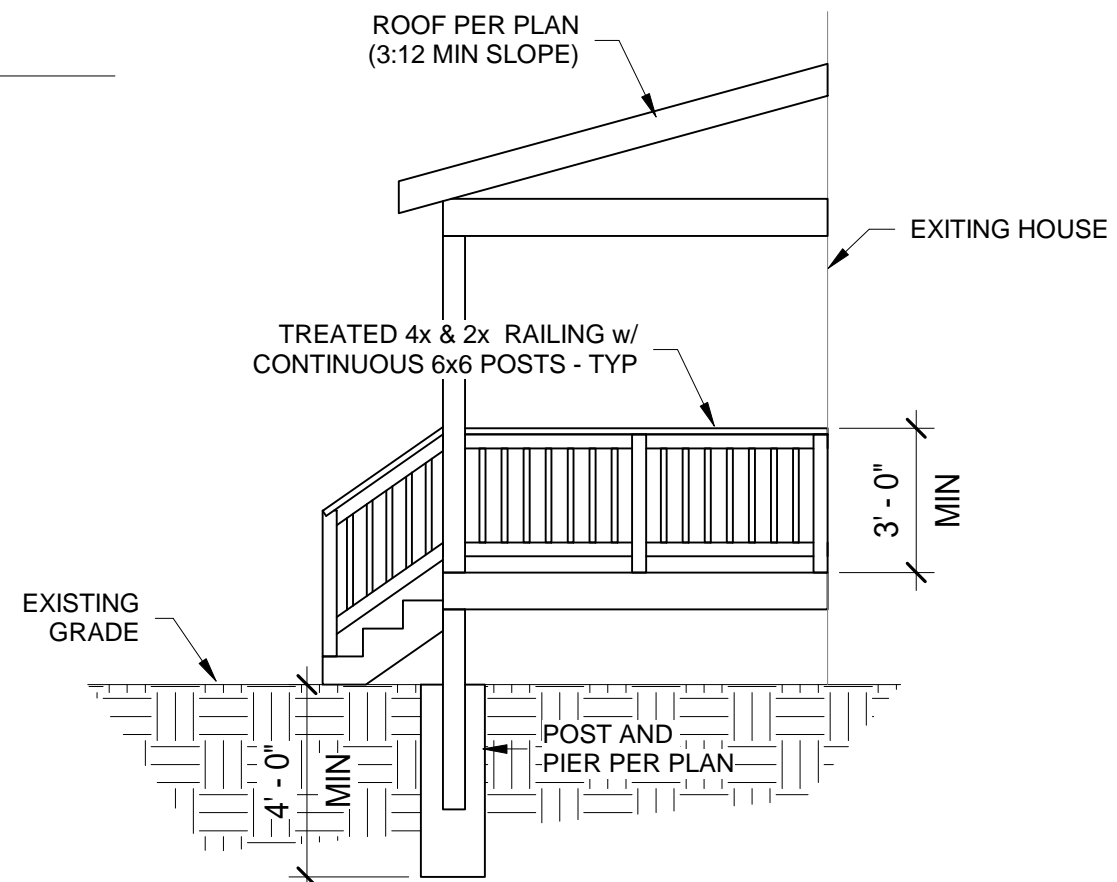
No.	Description	Date

D4

ROOF FRAMING PLAN



A FRONT ELEVATION
D5 N.T.S.



B SIDE ELEVATION
D5 N.T.S.

MOYERS
 2215 WASCANA AVE.
 LAKEWOOD, OH44107

REVISIONS

No.	Description	Date

D5
 ELEVATIONS





← 2215 Wascana Ave 🔍 ✕

2220 Wascana Ave

Lakewood, Ohio



Google Street View

Aug 2022 [See more dates](#)



2212 Wascana Ave 📍 ⋮
Lakewood, Ohio
🌐 Google Street View
Aug 2022 [See more dates](#)





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Application Cover Page

Docket No.: 06-55-24

Permit No.: BBS24-000058

Applicant Name: Sean Nugent, ONE Constructive Services LTD, dba OCS LTD

Project Address: 17514 Detroit Ave.

Project Name: Sacred Hour Spa

Project: Applicant proposes landscaping and exterior renovation of a building.

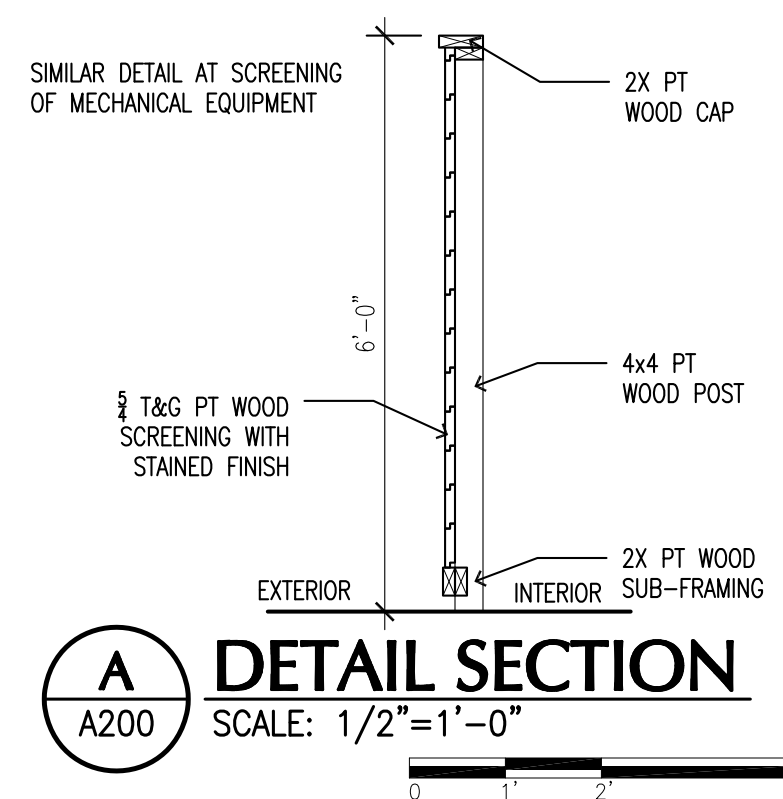


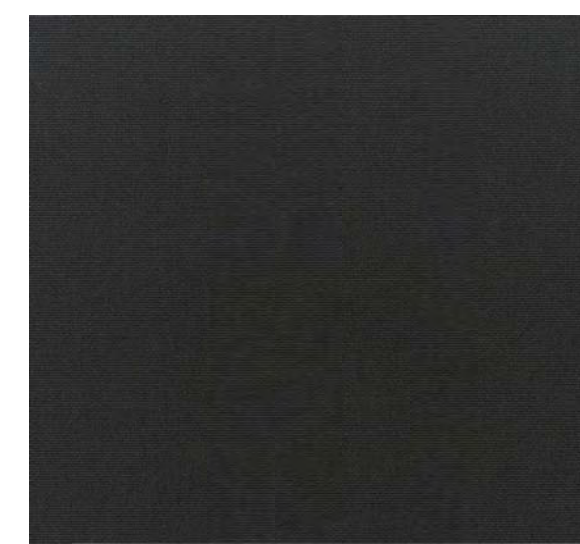
IMAGE OF EXISTING LOCATION - NEW TO HAVE SIMILAR LOOK AND FINISH



IMAGE OF EXISTING LOCATION - NEW TO HAVE SIMILAR LOOK AND FINISH



IMAGE OF EXISTING LOCATION - NEW TO HAVE SIMILAR LOOK AND FINISH



SHADE FABRIC - SUNBRELLA CANVAS BLACK

PAINT COLOR FOR WINDOWS AND DOORS
PAINT COLOR FOR WOOD SCREENING AT PATIO AND RTU



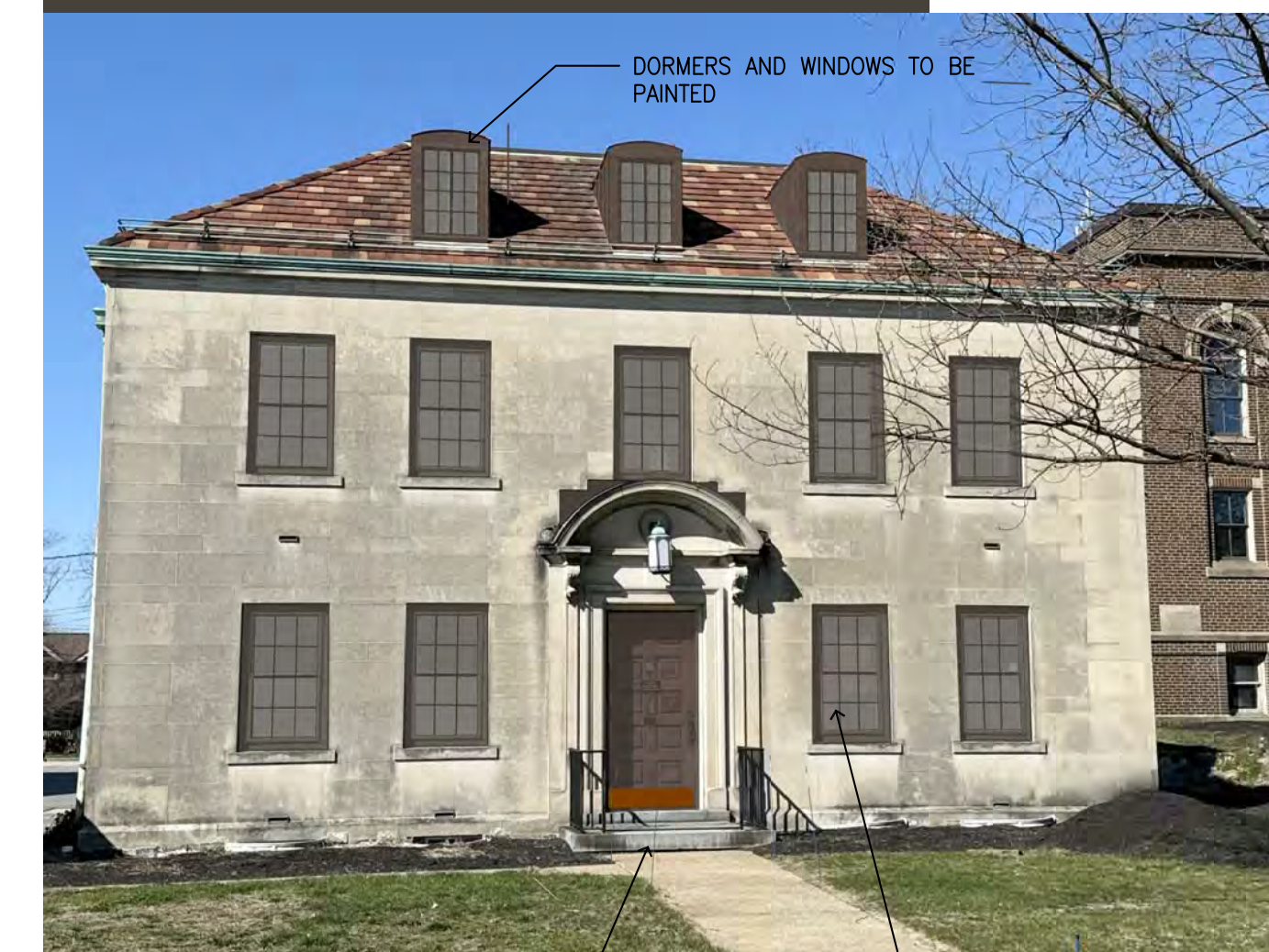
EAST ELEVATION
AREA OF DOOR REMOVAL AND INFILL



SOUTH AND EAST ELEVATION
NEW DOOR AT EXISTING WINDOW
OUTDOOR PATIO WITH PRIVACY SCREEN



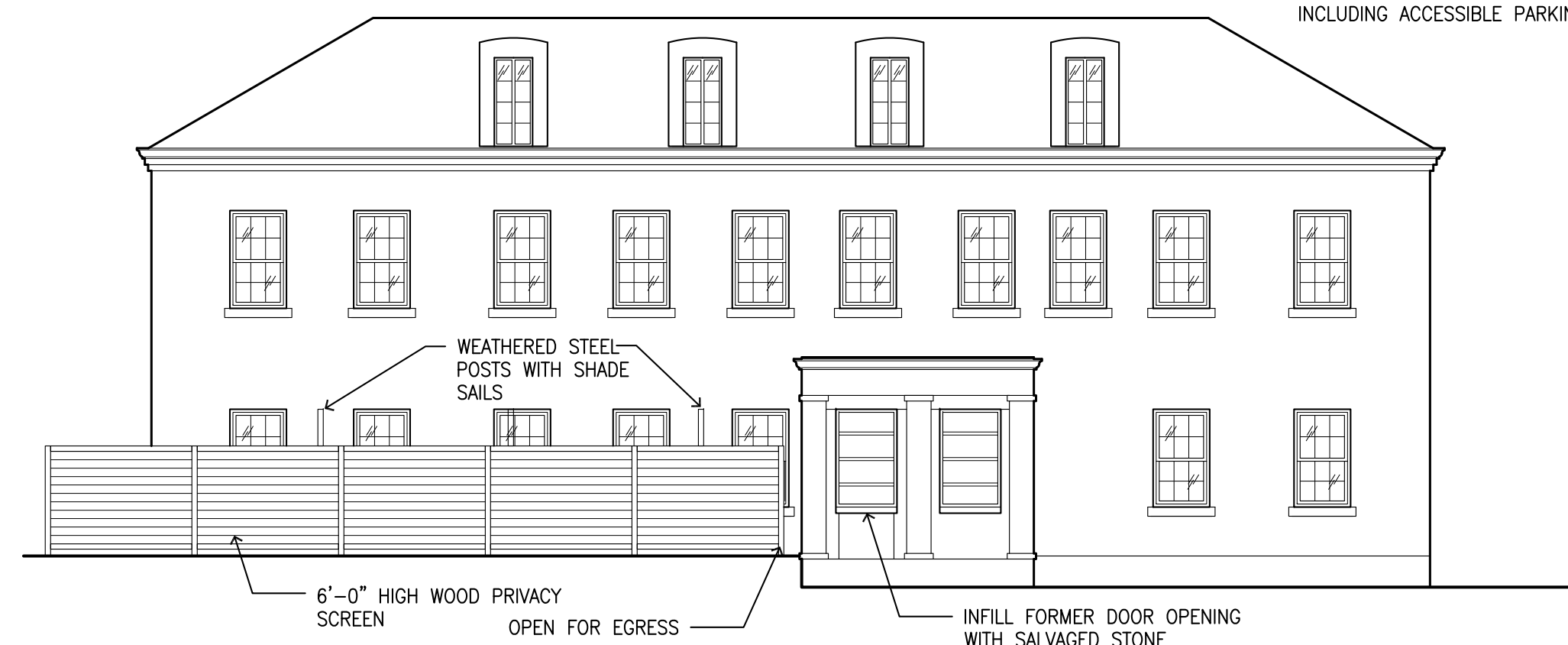
SOUTH AND WEST ELEVATION
AREA OF NEW PARKING INCLUDING ACCESSIBLE PARKING



PROPOSED SOUTH ELEVATION
DORMERS AND WINDOWS TO BE PAINTED
NEW WALK NOT SHOWN
ALL WINDOWS AND DOORS TO BE PAINTED



NORTH ELEVATION
AREA OF MECHANICAL SCREEN
ALL ABANDONED EQUIPMENT CONDUIT, LIGHTING AND PIPING TO BE REMOVED



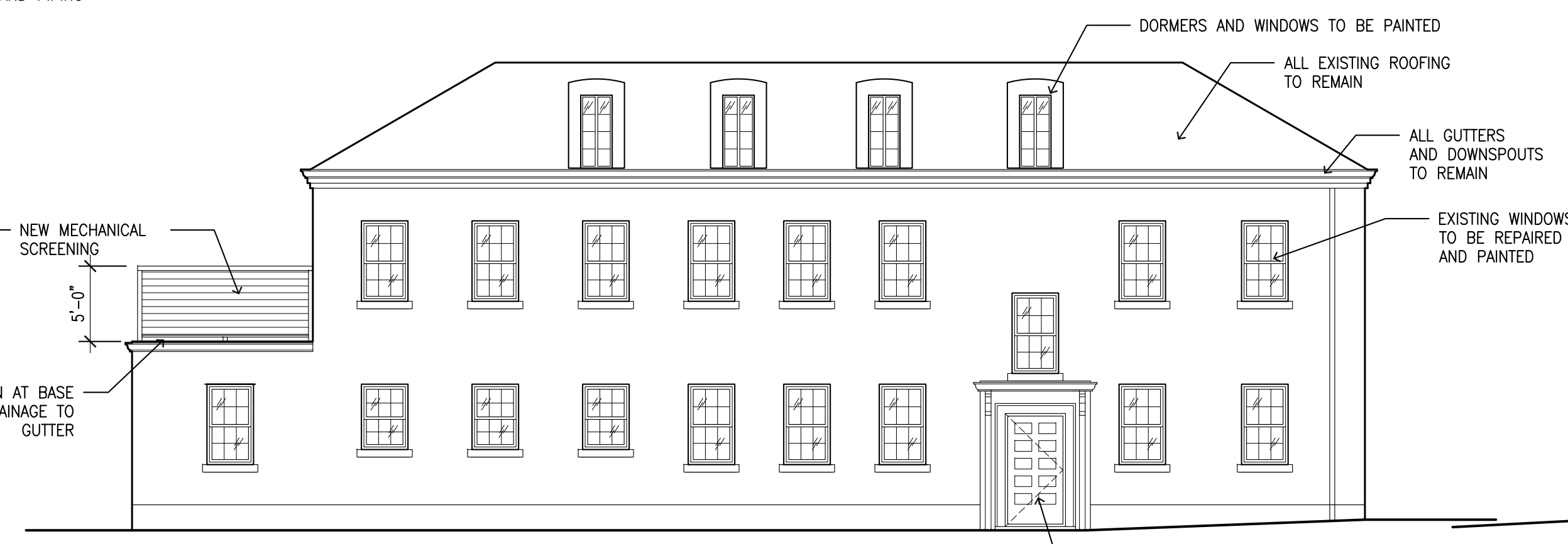
4 EAST ELEVATION
SCALE: 1/8" = 1'-0"
SCALE BAR: 0 4' 8' 16'



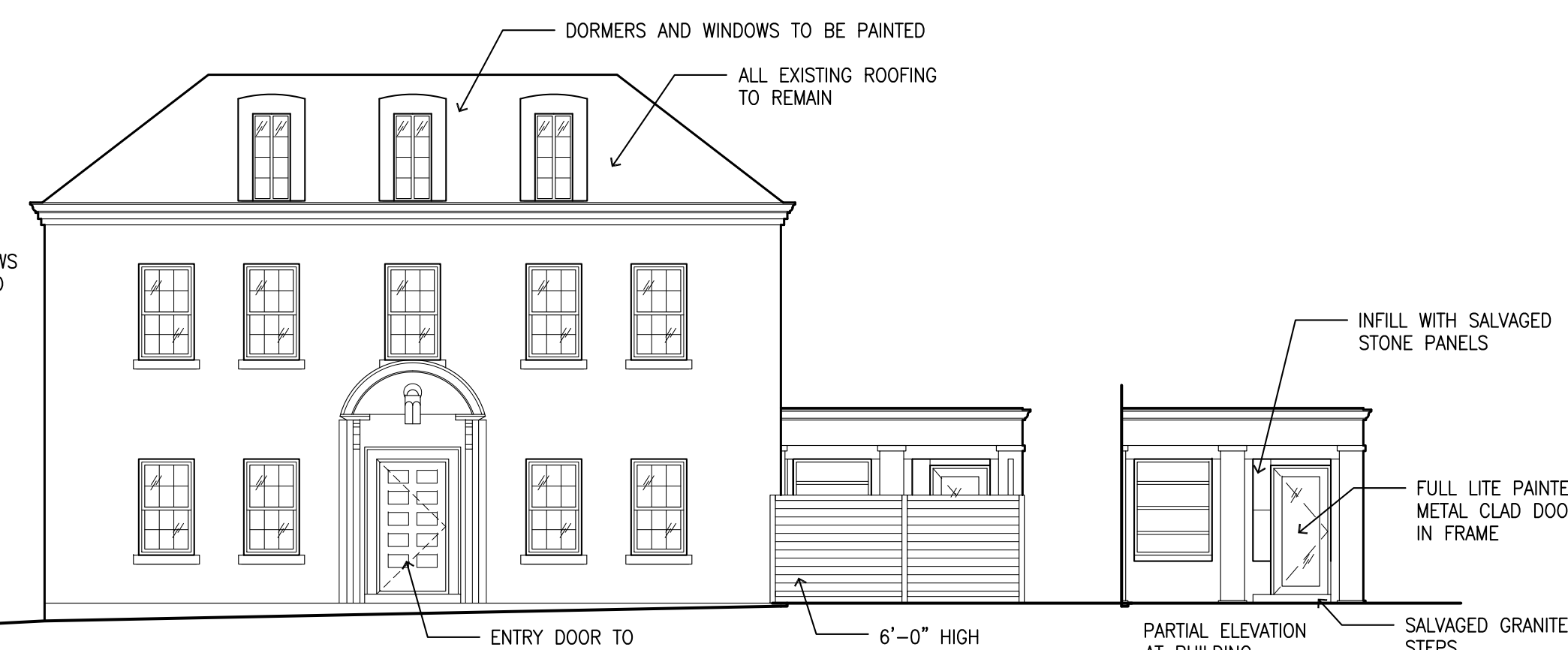
3 NORTH ELEVATION
SCALE: 1/8" = 1'-0"
SCALE BAR: 0 4' 8' 16'



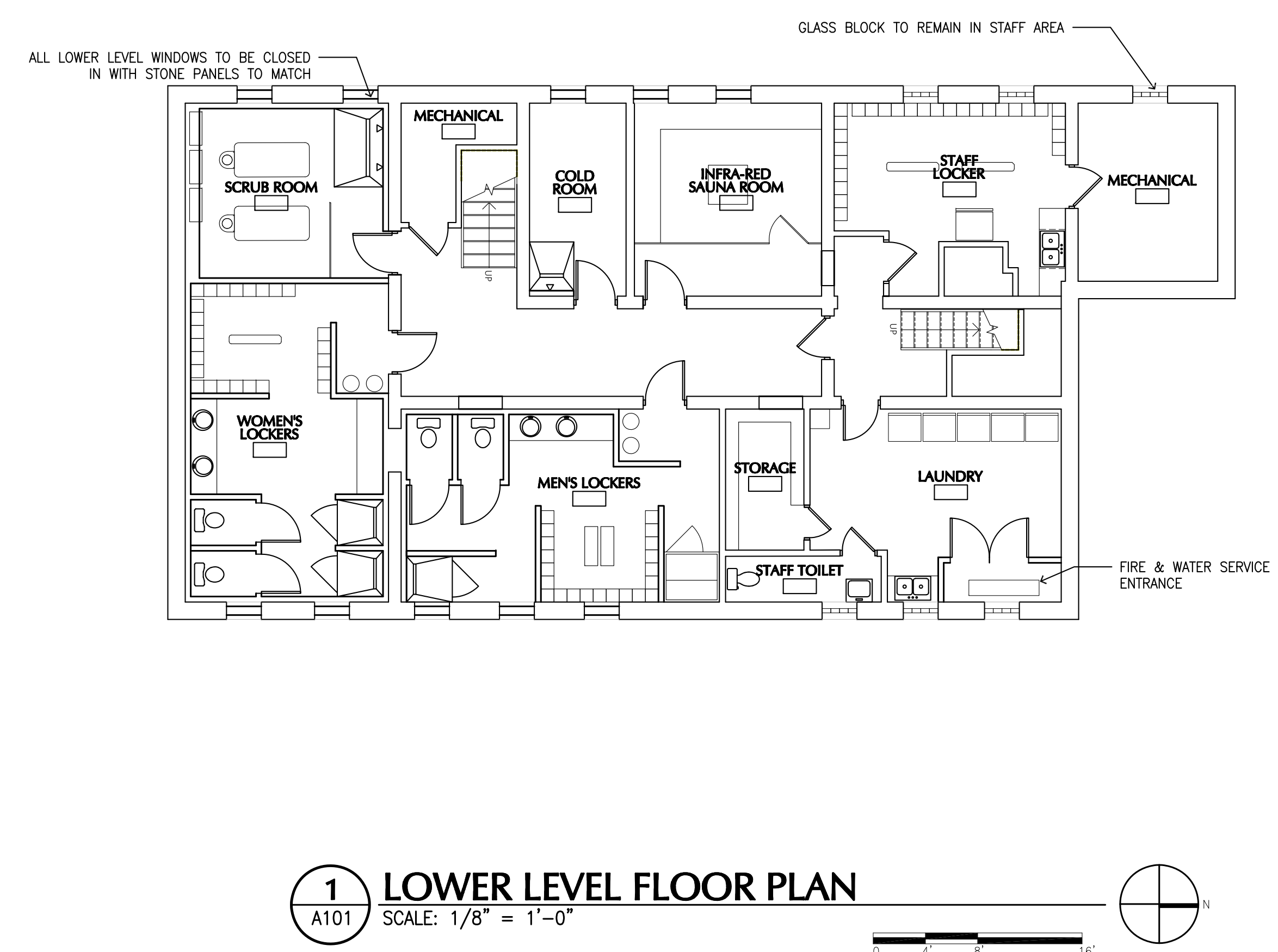
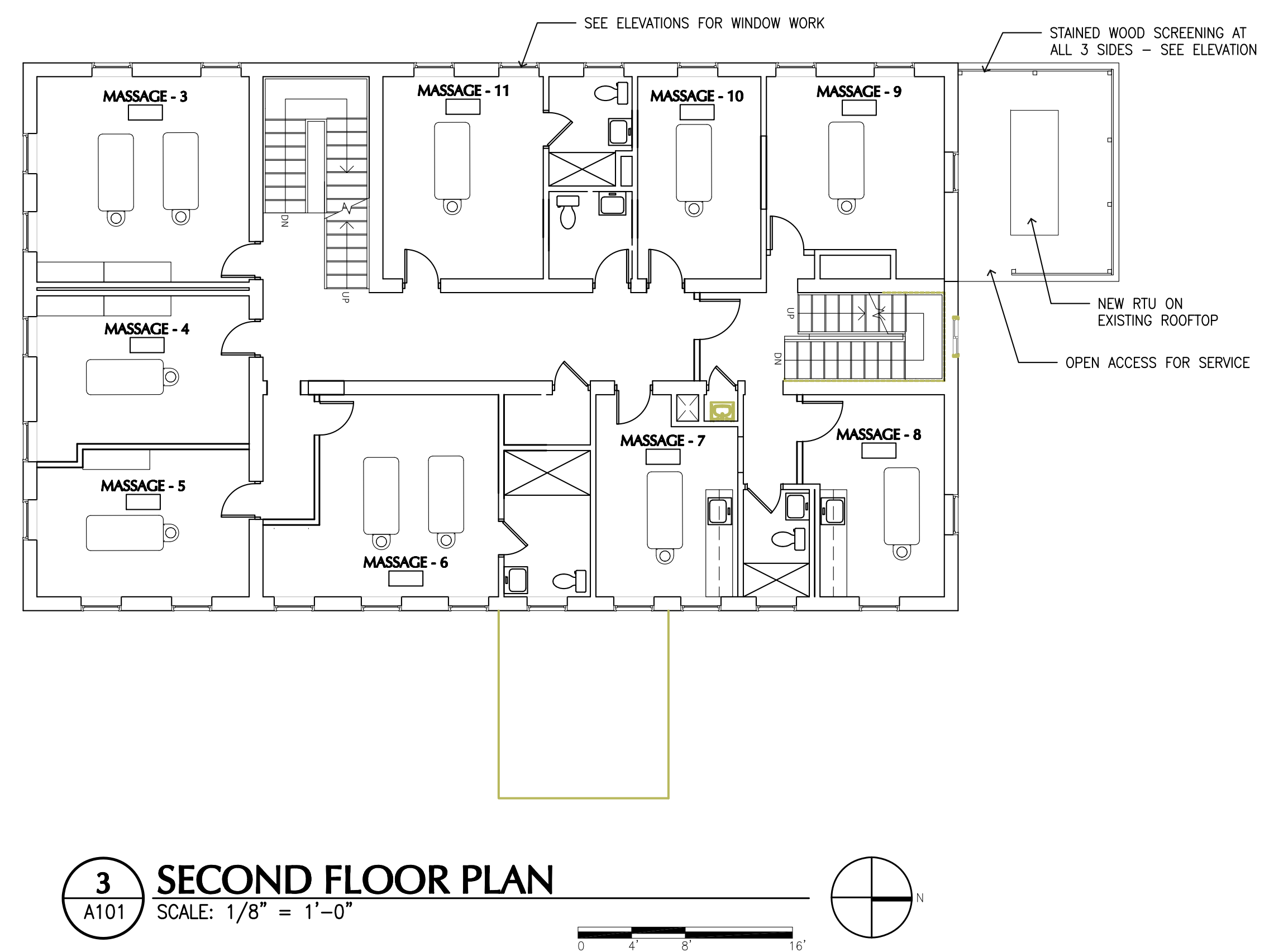
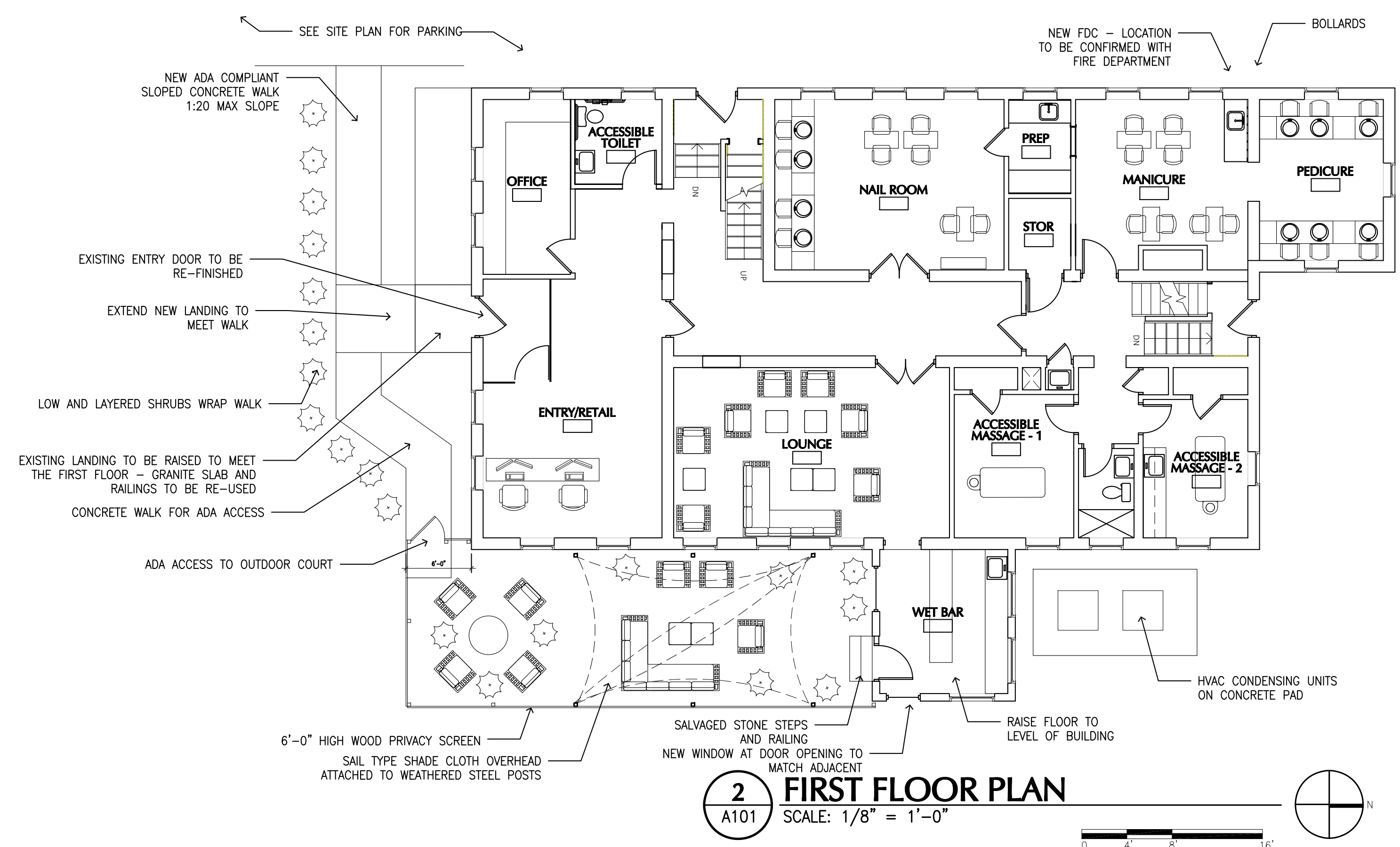
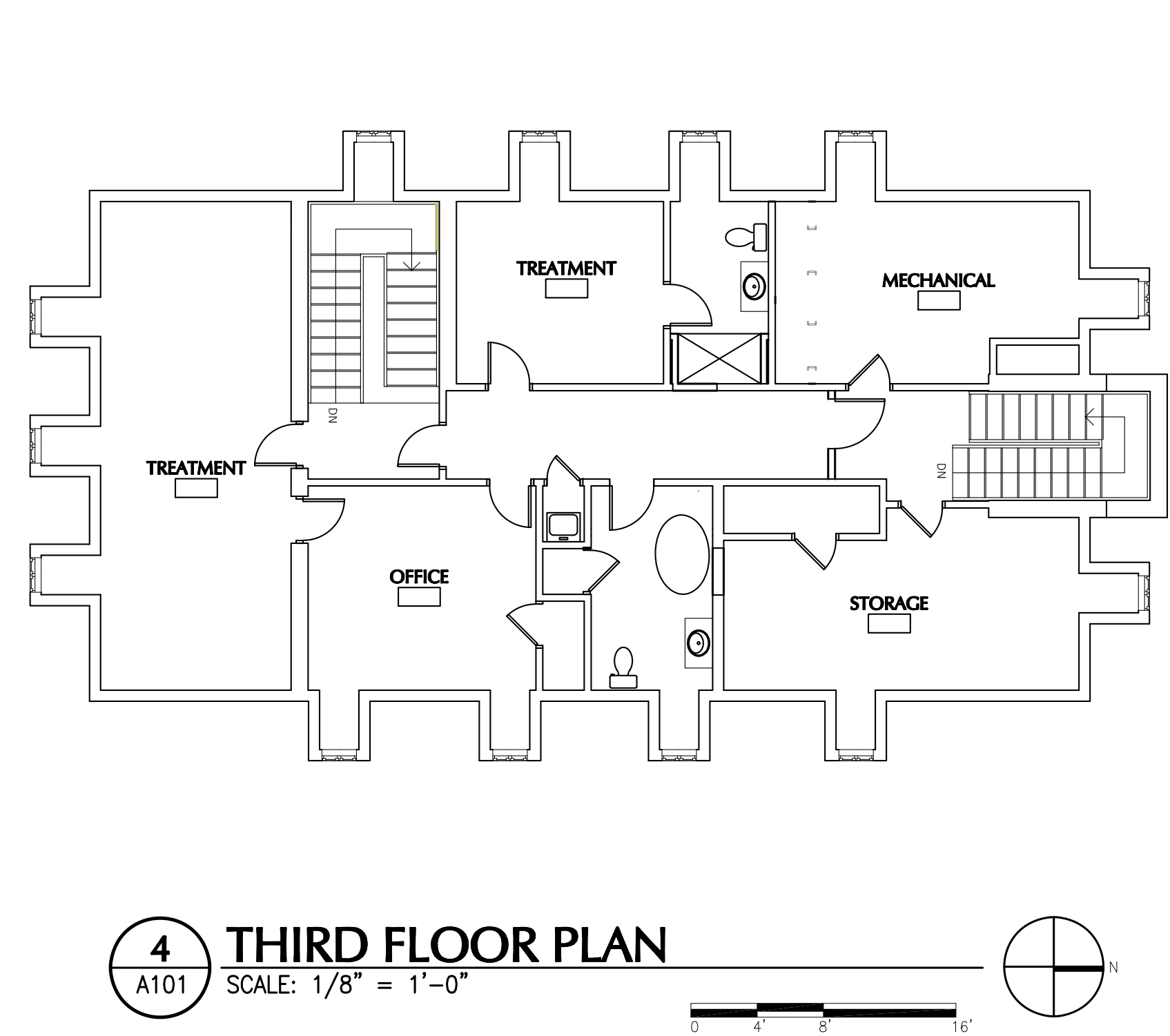
NORTH AND PARTIAL EAST ELEVATION
LOCATION OF CONDENSING UNITS FOR MINI-SPLIT AND VRF UNITS



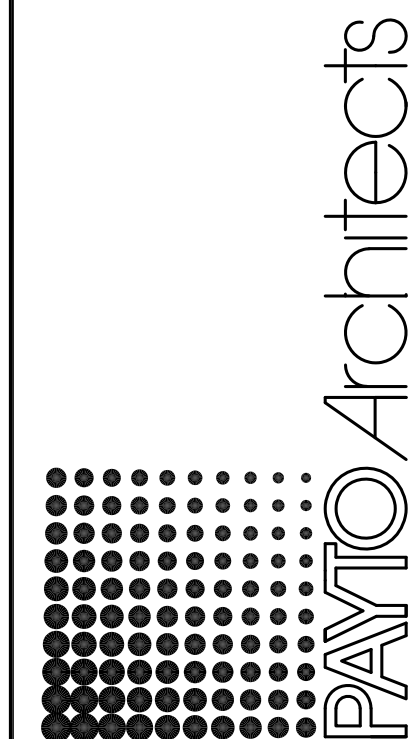
2 WEST ELEVATION
SCALE: 1/8" = 1'-0"
SCALE BAR: 0 4' 8' 16'



1 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"
SCALE BAR: 0 4' 8' 16'



SACRED HOUR SPAS
 ONE CONSTRUCTION SERVICES LTD.
 FORMER ST JAMES RECTORY ADAPTIVE RE-USE
 17514 DETROIT ROAD, LAKEWOOD, OH 44107



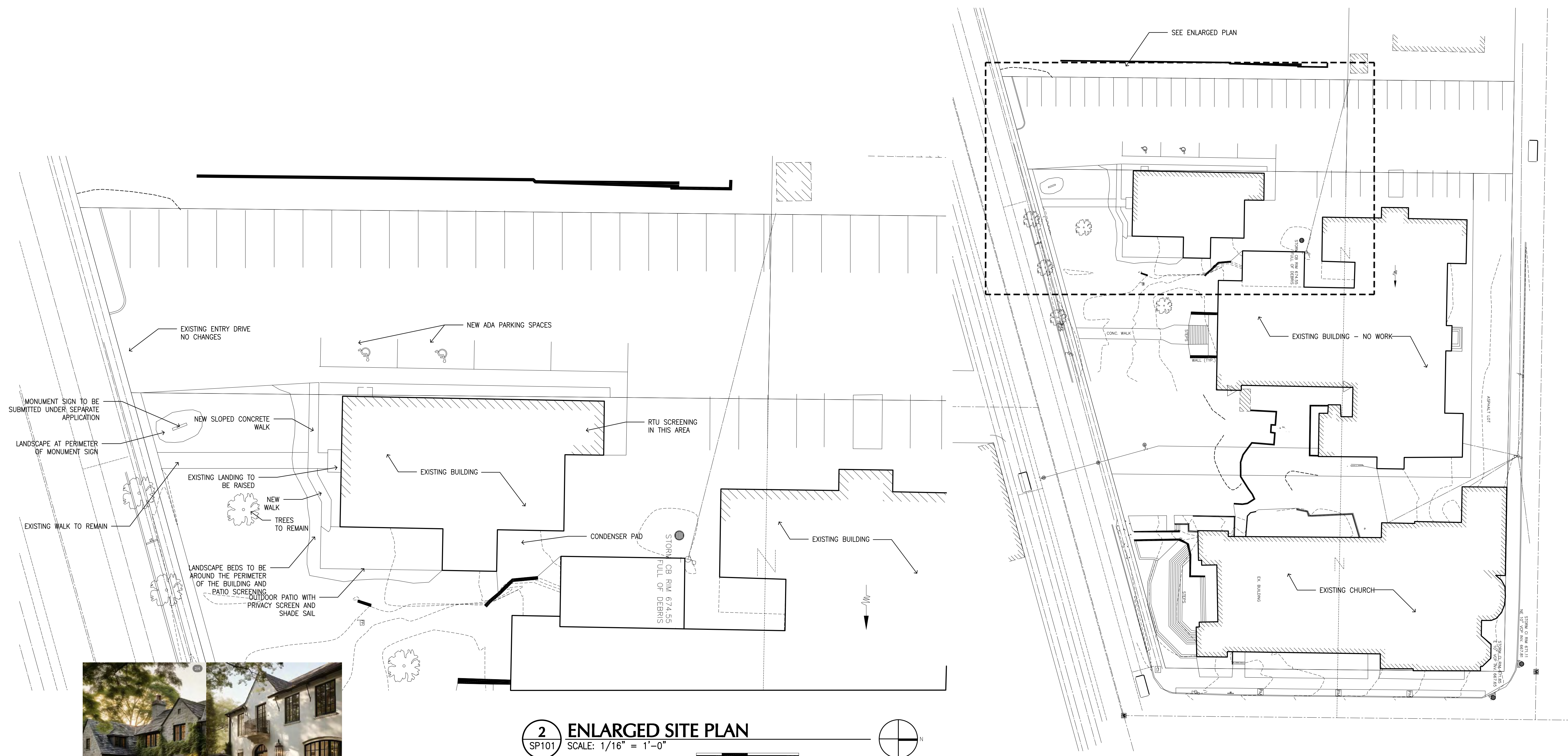
SITE PLAN

PA PROJECT NO. 2023-64
 CURRENT DATE: 05.22.24

SP101

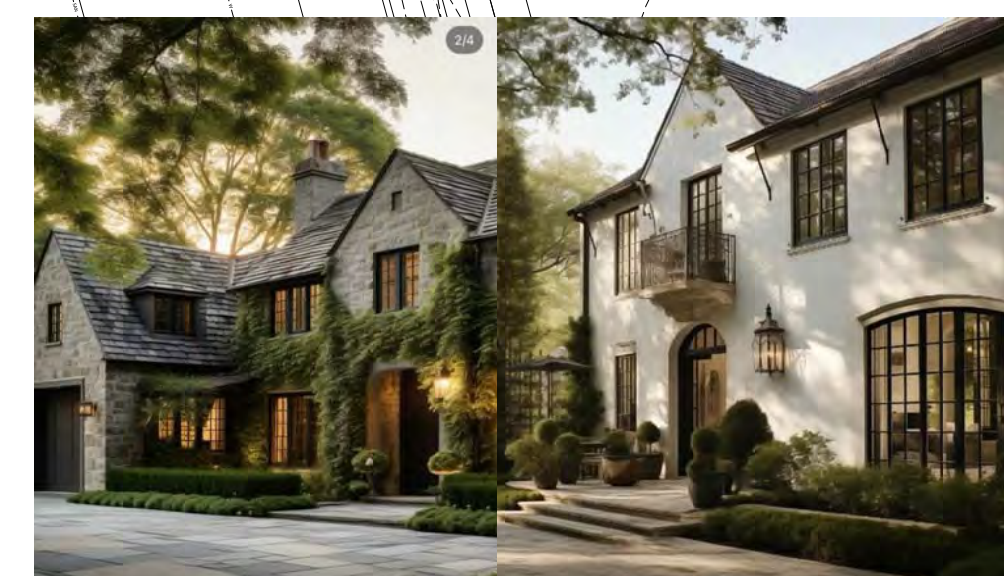
ARCHITECTURAL REVIEW
 BOARD SUBMISSION

405 BRADLEY BUILDING 1220 WEST SIXTH STREET CLEVELAND, OHIO 44113
 PHONE: (216) 241-6800
 WWW.PAYTOARCHITECTS.COM



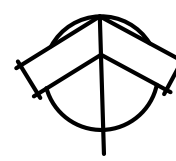
2 ENLARGED SITE PLAN
 SP101 SCALE: 1/16" = 1'-0"
 0 8' 16' 32'

1 OVERALL SITE PLAN
 SP101 SCALE: 1/32" = 1'-0"
 0 16' 32' 64'



LANDSCAPE INSPIRATION IMAGES



 ARCHITECTURAL SITE PLAN



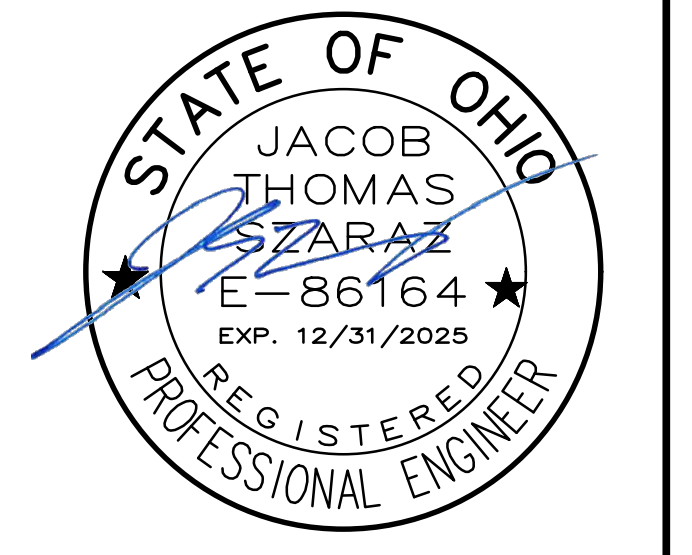
MJM BUILDING STANDARDS INC.



ONE CONSTRUCTIVE SERVICES LTD.

A Project for:

SACRED HOUR
 17514 DETROIT ROAD
 LAKEWOOD, OH 44107



No.	Description	Date
	Preliminary Drawings	4-23-24

Project No.: 202408

Drawn By: JS

Scale: AS NOTED

Sheet Name:
SITE PLAN

Sheet Number:
SP1.01

A Project for:

SACRED HOUR
17514 DETROIT ROAD
LAKEWOOD, OH 44107

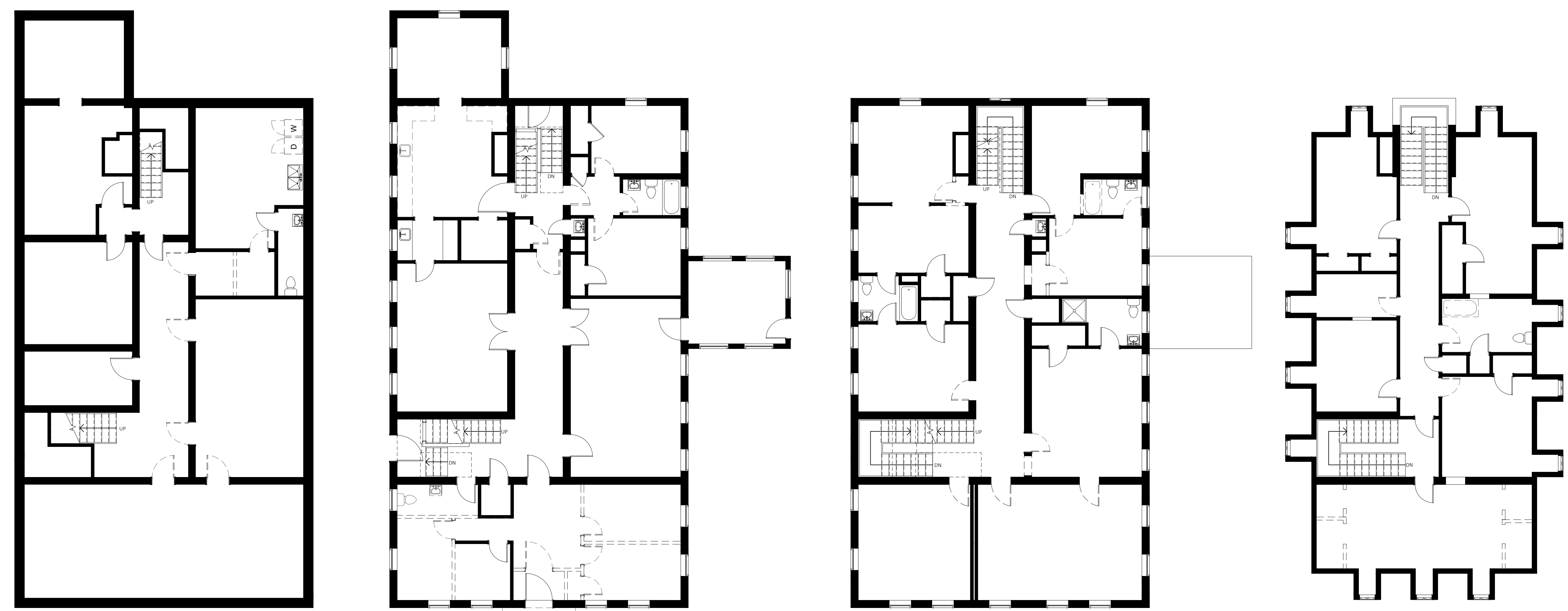


No.	Description	Date
	Preliminary Drawings	4-23-24

Project No.: 202408
 Drawn By: JS
 Scale: AS NOTED

Sheet Name:
DEMO PLANS

Sheet Number:
A1.00

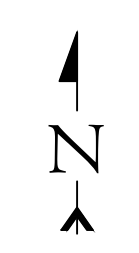


BASEMENT DEMO PLAN
1/8" = 1'-0"

FIRST FLOOR DEMO PLAN
1/8" = 1'-0"

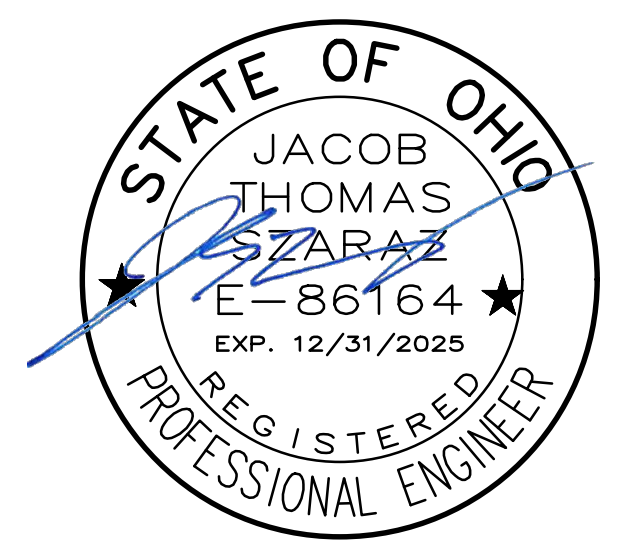
SECOND FLOOR DEMO PLAN
1/8" = 1'-0"

THIRD FLOOR DEMO PLAN
1/8" = 1'-0"



A Project for:

SACRED HOUR
17514 DETROIT ROAD
LAKEWOOD, OH 44107

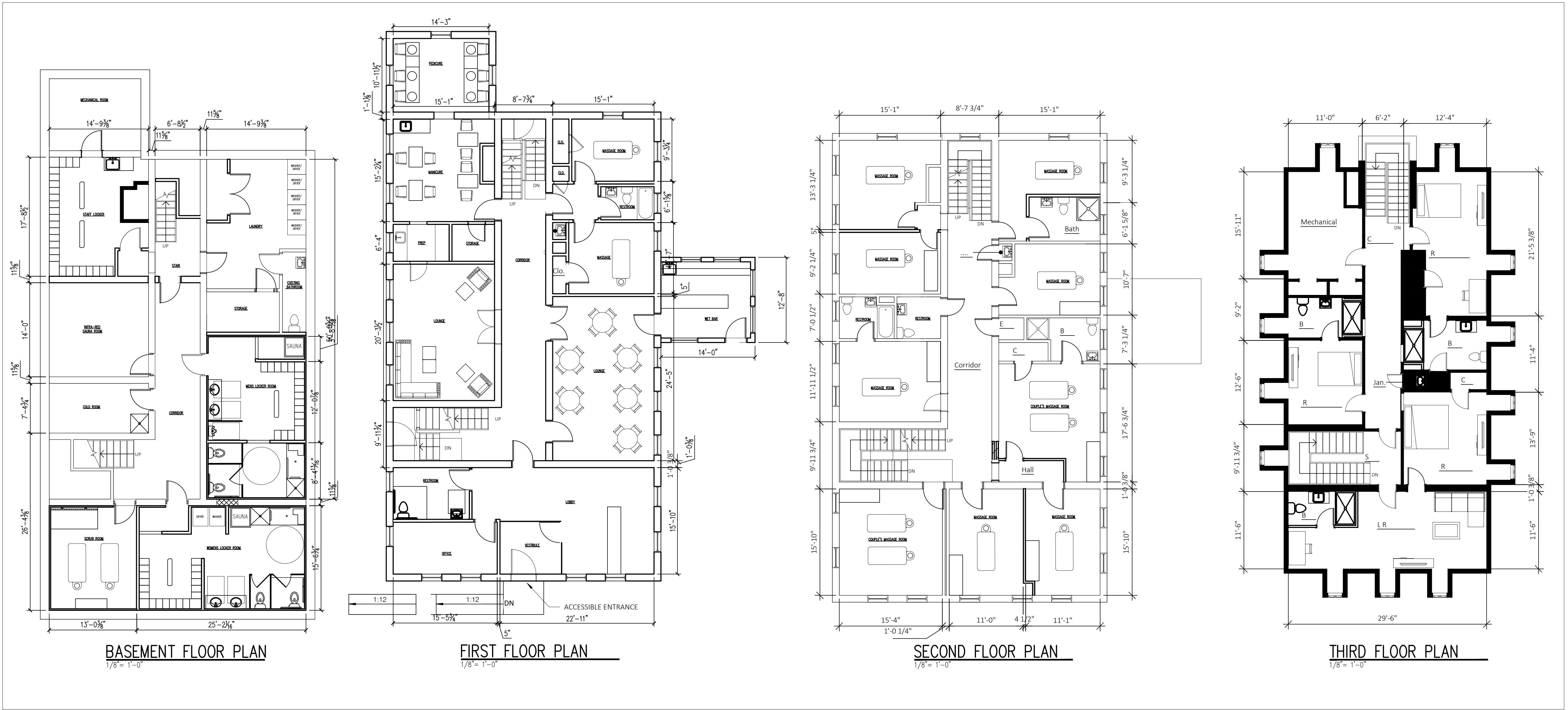


No.	Description	Date
	Preliminary Drawings	4-23-24

Project No.: 202408
 Drawn By: JS
 Scale: AS NOTED
 Sheet Name:

FLOOR PLANS

Sheet Number:
A1.01



BASEMENT FLOOR PLAN
1/8" = 1'-0"

FIRST FLOOR PLAN
1/8" = 1'-0"

SECOND FLOOR PLAN
1/8" = 1'-0"

THIRD FLOOR PLAN
1/8" = 1'-0"

202201060278

LOT SPLIT
17514 DETROIT ROAD

CITY OF LAKEWOOD
COUNTY OF CUYAHOGA - STATE OF OHIO

McSteen
LAND SURVEYORS
1411 East 27th Street #6319C, OH 44092
Phone: 440.581.8800 www.mcsteen.com

Matthew Hill 12/12/21
MATTER # 14-03-00000-01-1978 SURVEY # 2017



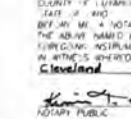
3:30 PM 12-21-21
FIELD DATE: NOVEMBER 1, 2021
INSTRUMENT DATE: DECEMBER 10, 2021

OWNERS ACCEPTANCE

I, THE BENEVOLENT CLEVELAND OWNER OF THE LANDS SHOWN HEREON, DO HEREBY ACCEPT THIS LOT SPLIT AS SHOWN HEREON.

Edward C. Malinin Most Reverend Edward C. Malinin
CONGREGATION

NOTARY PUBLIC



COUNTY OF CUYAHOGA
STATE OF OHIO
BEFORE ME, A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, PERSONALLY APPEARED THE ABOVE NAMED EDWARD C. MALININ, WHO ACKNOWLEDGED THE SIGNING OF THE FOREGOING INSTRUMENT, AND THAT IF ANY OF SAID FREE ACT AND DEED PERSONALLY IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND OFFICIAL SEAL AT CLEVELAND, OHIO, THIS 20th DAY OF DECEMBER, 2021.

KEVIN T. BURCK
NOTARY PUBLIC
NOTARY PUBLIC - STATE OF OHIO
My commission expires on 06/30/2024
Section 147.23 O.R.C.

LINE DATA

LINE	BEARING	DISTANCE
L1	S 74°32'03" W	80.21' CALC. & USED
L2	N 0°33'33" E	180.56' CALC. & USED
L3	N 88°46'38" W	22.56' CALC. & USED
L4	N 1°13'24" E	11.89' CALC. & USED
L5	N 88°46'38" W	23.50' CALC. & USED
L6	N 1°13'24" E	31.74' CALC. & USED
L7	N 88°46'38" W	13.87' CALC. & USED
L8	N 0°33'33" E	23.42' CALC. & USED
L9	S 0°33'39" W	28.00' REC. & USED
L10	N 0°33'39" E	34.33' CALC. & USED
L11	N 0°33'33" E	34.33' CALC. & USED
L12	S 74°32'03" W	80.01' CALC. & USED (80.00' REC.)
L13	N 0°18'20" E	33.85' ONS. & USED

WEST CLIFTON BOULEVARD (SR-237)(100')

CANNON STREET (40')

GRANGER AVENUE (60')

NORTHWOOD AVENUE (40')

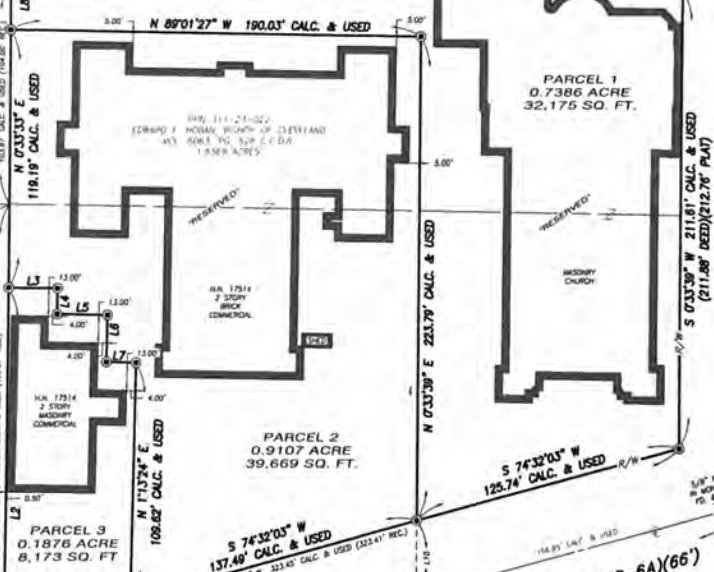
EDWARDS AVENUE (60')
(FORMERLY EDWARDS STREET)

DETROIT AVENUE (US-6A)(66')

LARCHMONT AVENUE (45')

ROYCROFT AVENUE (45')

SPRING GARDEN AVENUE (40')



LEGEND

- REMARKS
- CONTRACT
- ADJACENT PROPERTY
- EXISTING IMPROVEMENTS
- NEW CONSTRUCTION
- EXISTING UTILITIES
- PROPOSED UTILITIES
- EXISTING EASEMENTS
- PROPOSED EASEMENTS
- EXISTING ENCUMBRANCES
- PROPOSED ENCUMBRANCES
- EXISTING SURVEY
- PROPOSED SURVEY
- EXISTING RECORDS
- PROPOSED RECORDS
- EXISTING PLATS
- PROPOSED PLATS
- EXISTING DEEDS
- PROPOSED DEEDS
- EXISTING RECORDS
- PROPOSED RECORDS
- EXISTING PLATS
- PROPOSED PLATS
- EXISTING DEEDS
- PROPOSED DEEDS



BASIS OF BEARING
BEARINGS ARE BASED ON THE 1983 STATE PLANE - CUYAHOGA COUNTY NORTH ZONE (NAD83) WHICH IS THE STATE PLANE SYSTEM OPERATIONS FOR THE CITY OF LAKEWOOD. THE MEASUREMENTS WERE MADE BY THE SURVEYOR IN THE FIELD.

24" x 36"
This Survey Plat complies with the Cuyahoga County Transfer and Conveyance Standards and is hereby approved.

Pat. No. _____
Folio _____
T.M. _____
Agent
Jan. 6, 2022

APPROVALS

CITY ENGINEER
THIS LOT SPLIT HAS BEEN APPROVED BY THE CITY ENGINEER OF THE CITY OF LAKEWOOD ON THIS 30th DAY OF JAN 2022

CITY ENGINEER: *[Signature]*

PLANNING COMMISSION
THIS LOT SPLIT HAS BEEN APPROVED BY THE PLANNING COMMISSION OF THE CITY OF LAKEWOOD ON THIS 6th DAY OF MAY 2021

CHAIRMAN OF PLANNING COMMISSION: *[Signature]*
SECRETARY OF PLANNING COMMISSION: *Katelyn J. Milnes*



PLAT DATA SHEET

Plat Title: Lot Split for
17514 Detroit Road (Edward Hoban, Edward Malesic now the Bishop of Cleveland)

Plat Type: Lot Split

Municipality: Lakewood

Township: Original Rockport Township Section No. 23

Parent Parcel Numbers: 311-23-022, _____, _____, _____,
 _____, _____, _____, _____,
 _____, _____, _____, _____,

Number of New parcels created: 3

Number of deeds filed with plat: 0

Plat Size: 24" x 36"

Date Filed: 1/6/2021

Recorder's Fee: _____

CUYAHOGA COUNTY FISCAL OFFICER
 311-23-022 *Hoban* 1/6/2022 11
 N-01062022-2
 Hoban Edw F Bishop Of Cleve Tax Dist. 3180
 Plat LUC: 5100 EX:
 Sale Amt: \$ 0.00 LAND: 640,100
 Conv. Fee: \$ 0.00 BLDG: 2,290,100
 PUBLIC TOTAL: 2,930,200
 1067041J

New Parcels
 New Parcel Numbers are subject to change

Parcel Name/Sublot:
PARCEL 1 (Hoban)
PARCEL 2 (Hoban)
PARCEL 3 (Hoban)

Proposed Permanent Parcel Number:
311-23-106
311-23-107
311-23-108





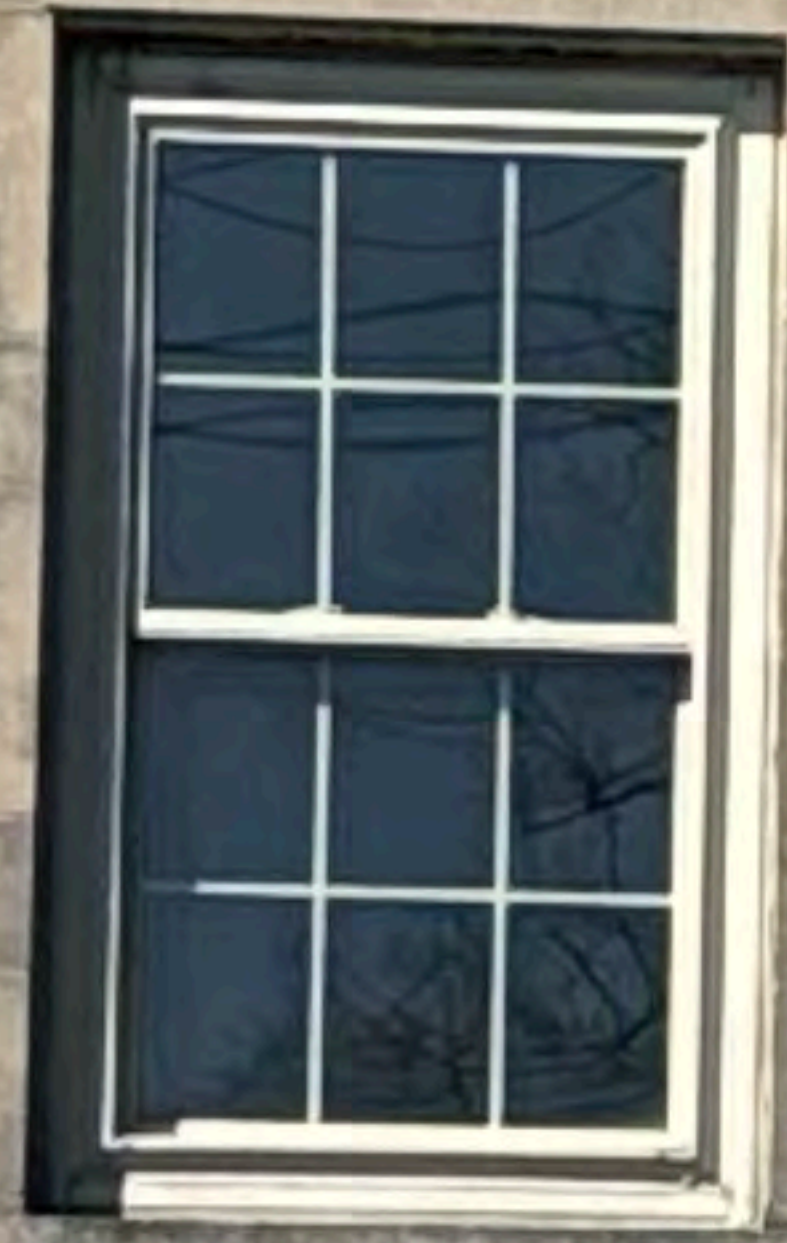






ST. JAMES HALL

Dumpsters.com
844-4-DUMP









**BOARD OF BUILDING STANDARDS
ARCHITECTURAL REVIEW BOARD
SIGN REVIEW BOARD**

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Application Cover Page

Docket No.: 06-56-24

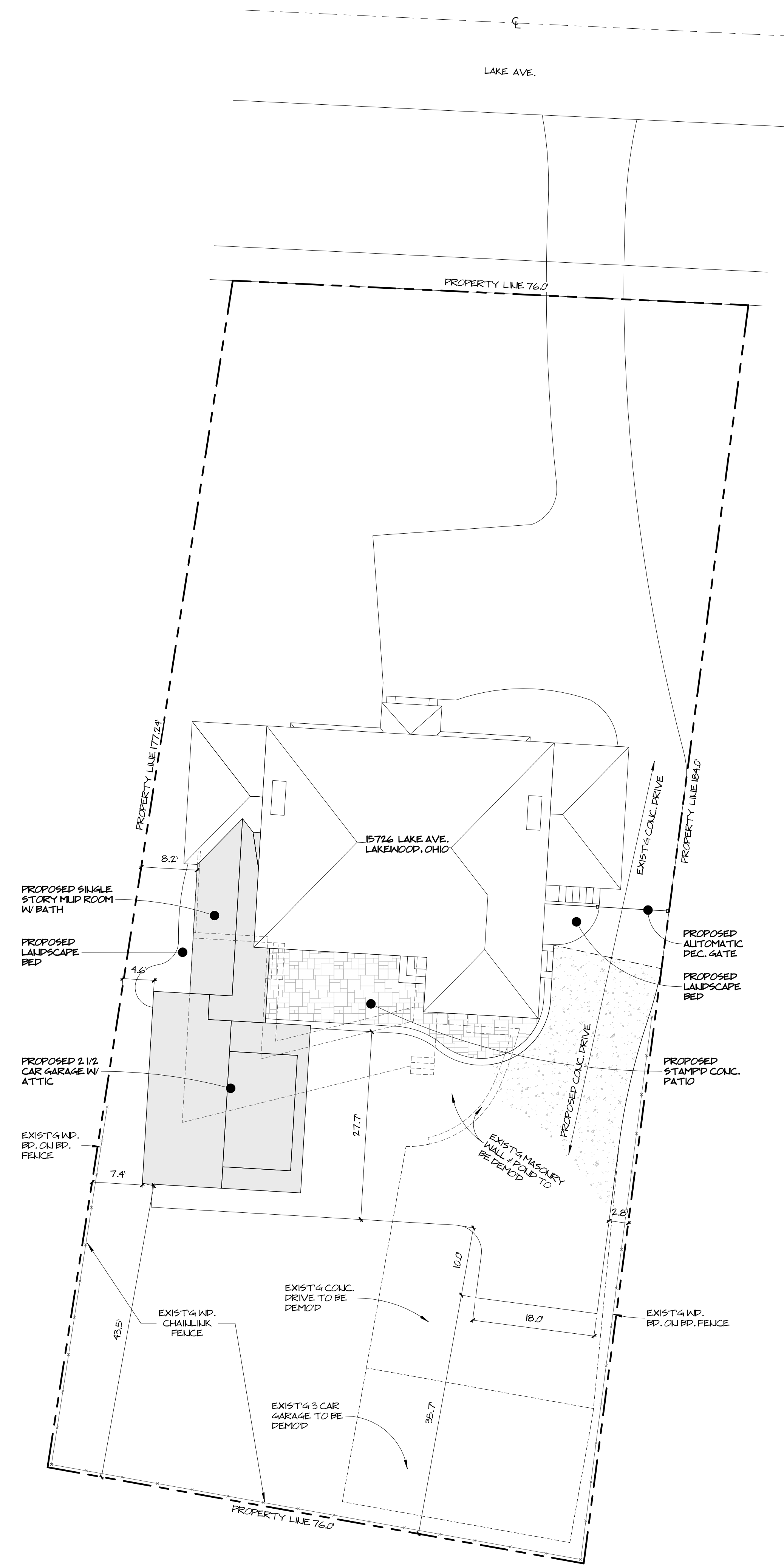
Permit No.: BBS24-000060

Applicant Name: Charles McGettrick, Architects, C.A. McGettrick LLC

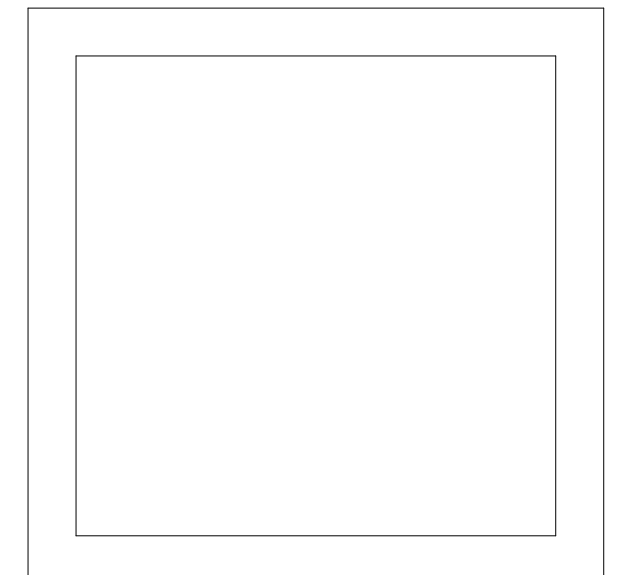
Project Address: 15726 Lake Ave.

Project Name:

Project: Applicant proposes a new addition with attached garage, fence, and landscaping.



ARCHITECTURAL SITE PLAN
 3/32" = 1'-0"



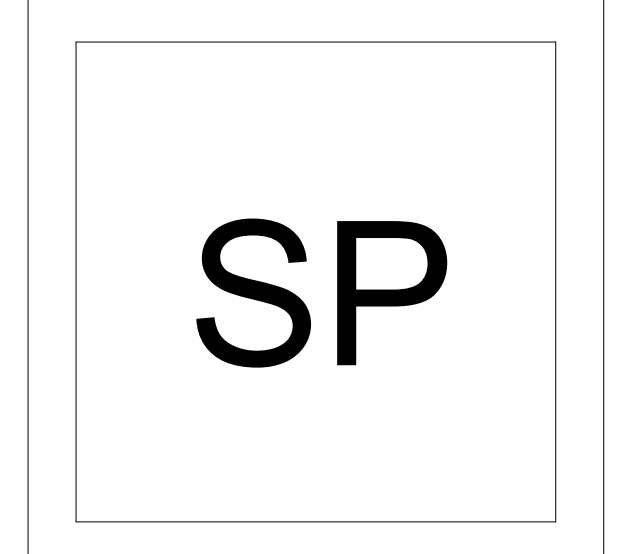
DATE: 5/22/24
 REVISION:

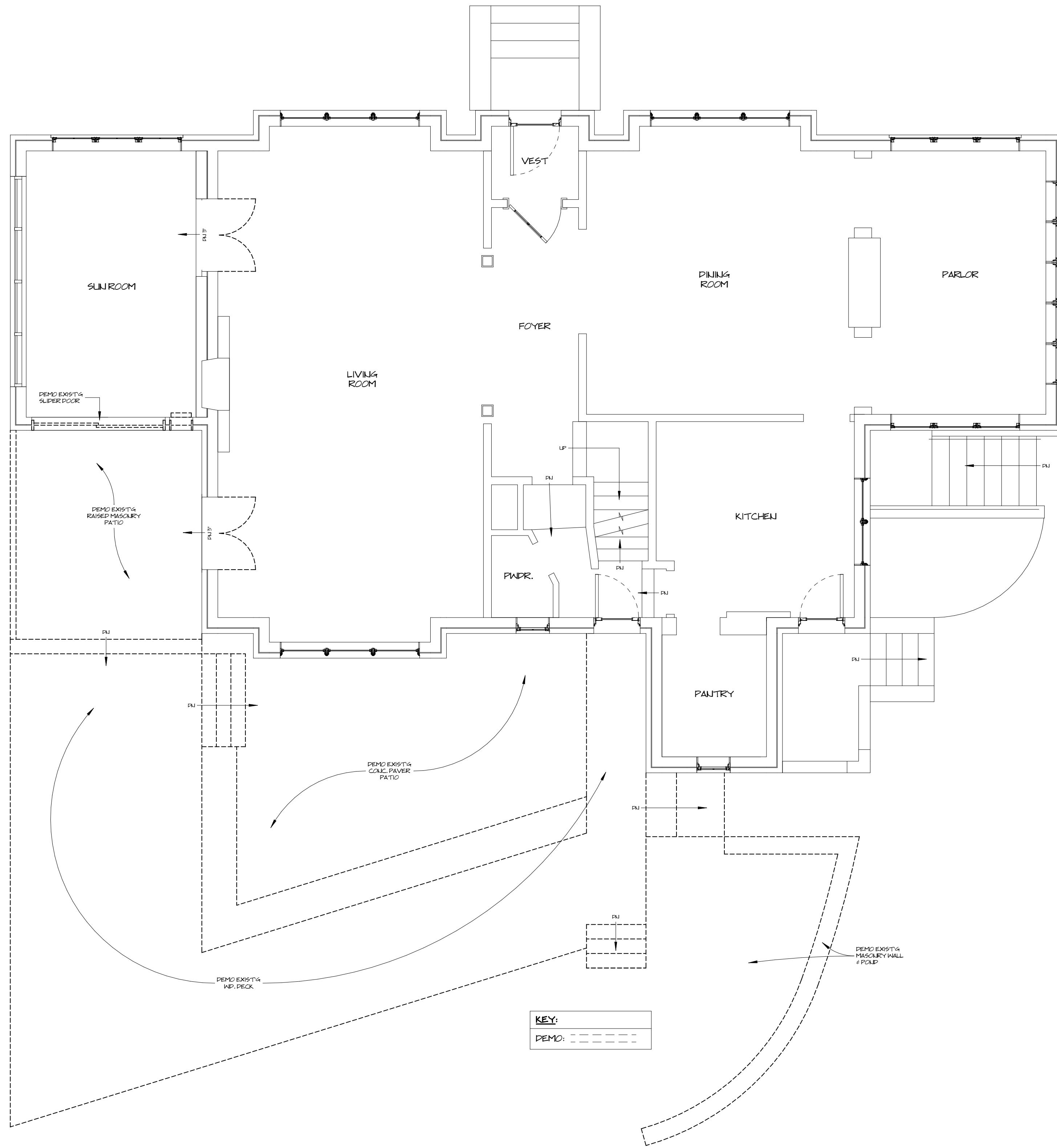
PRELIMINARY

HOUSE ADDITION
 15726 Lake Ave. Lakewood, Ohio 44107

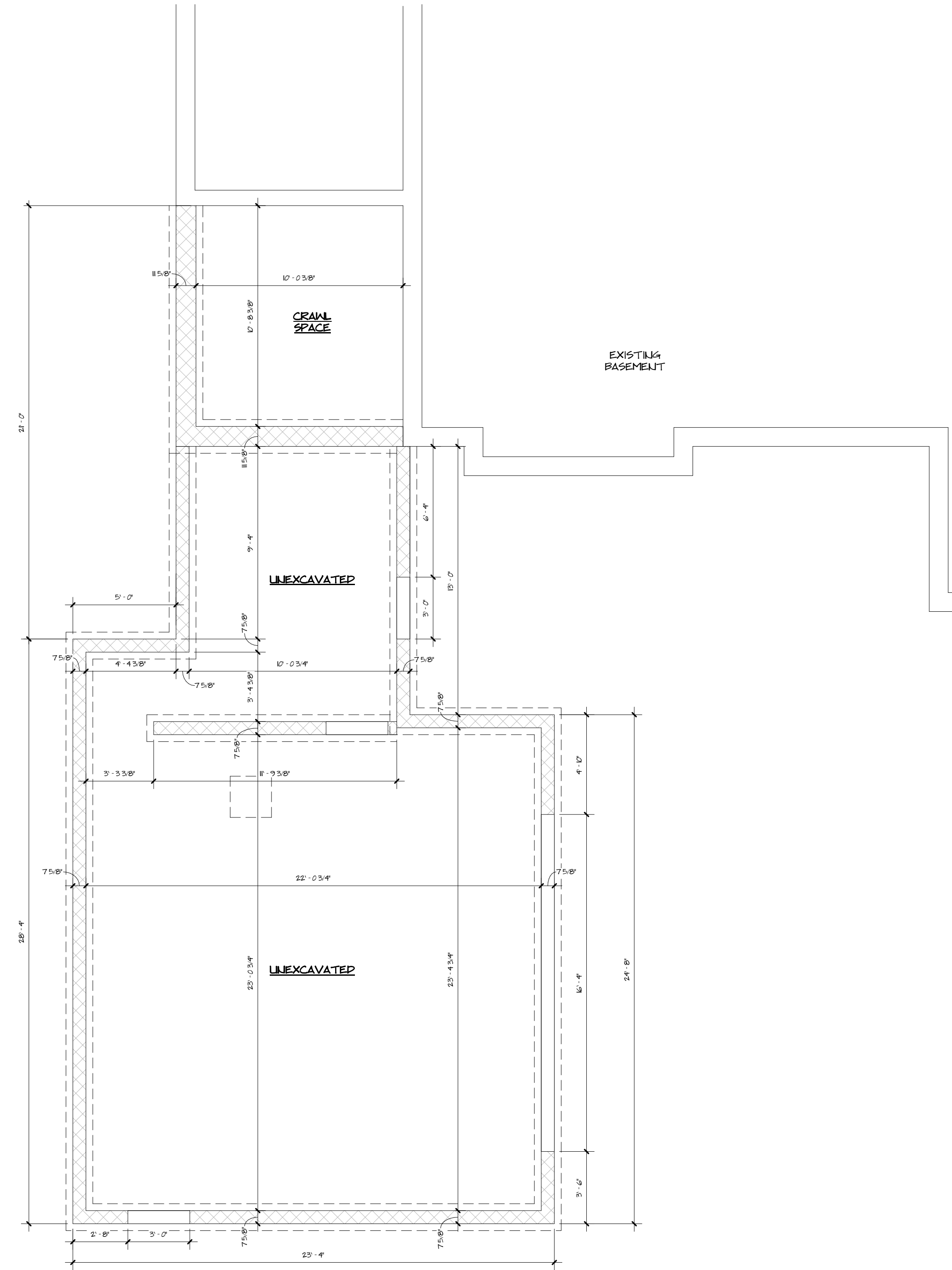
ARCHITECTS, C.A. McGETTRICK, LLC
 14551 Madison Ave. Lakewood, Ohio 44107 216-227-0700 FAX: 216-227-0712

COMMISSION NO:
 22408
 CHARLES McGETTRICK JR. • 775915
 EXPIRATION DATE: 12/31/2024





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



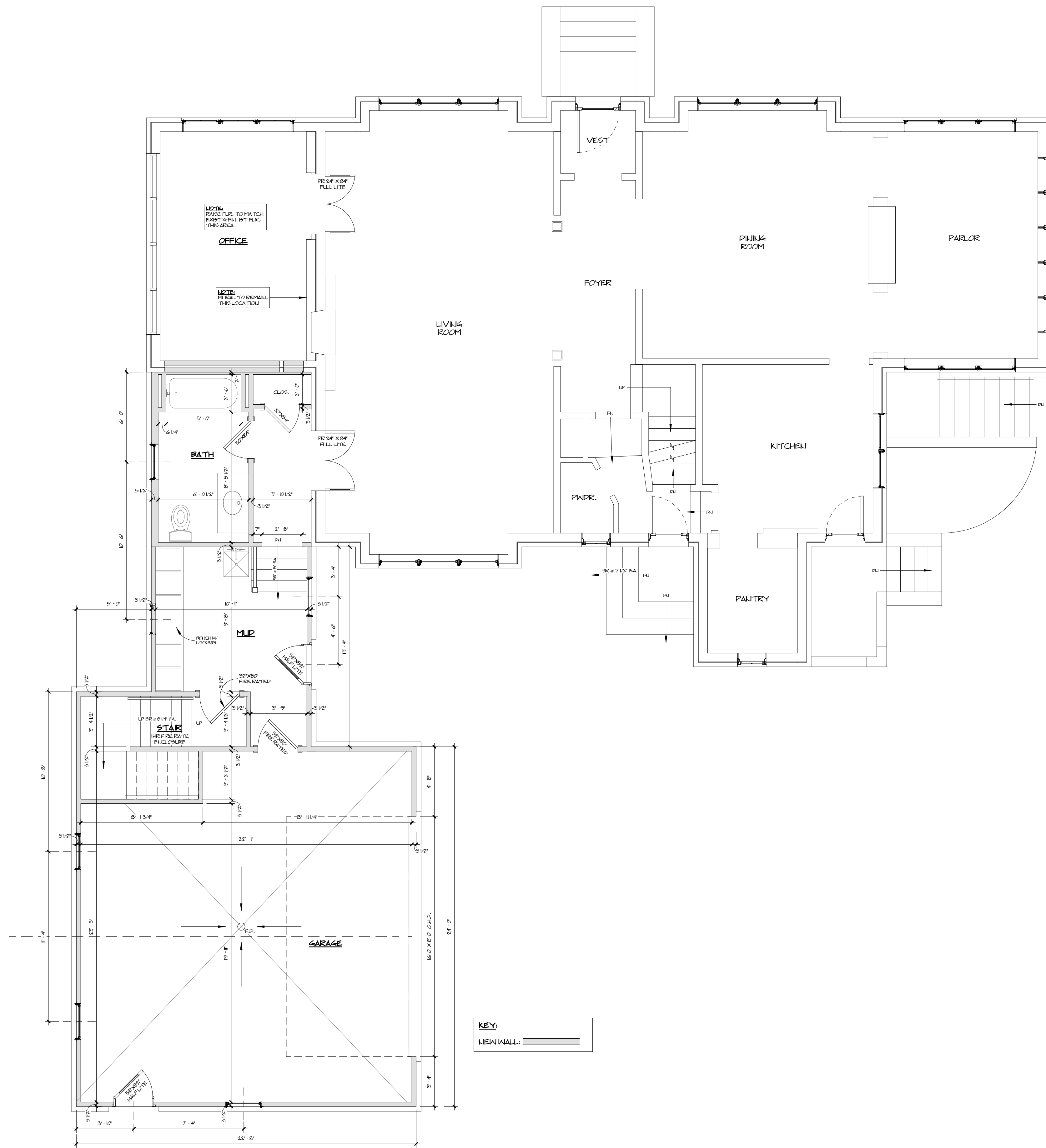
FOUNDATION PLAN
1/4" = 1'-0"

DATE: 5/22/24
REVISION:

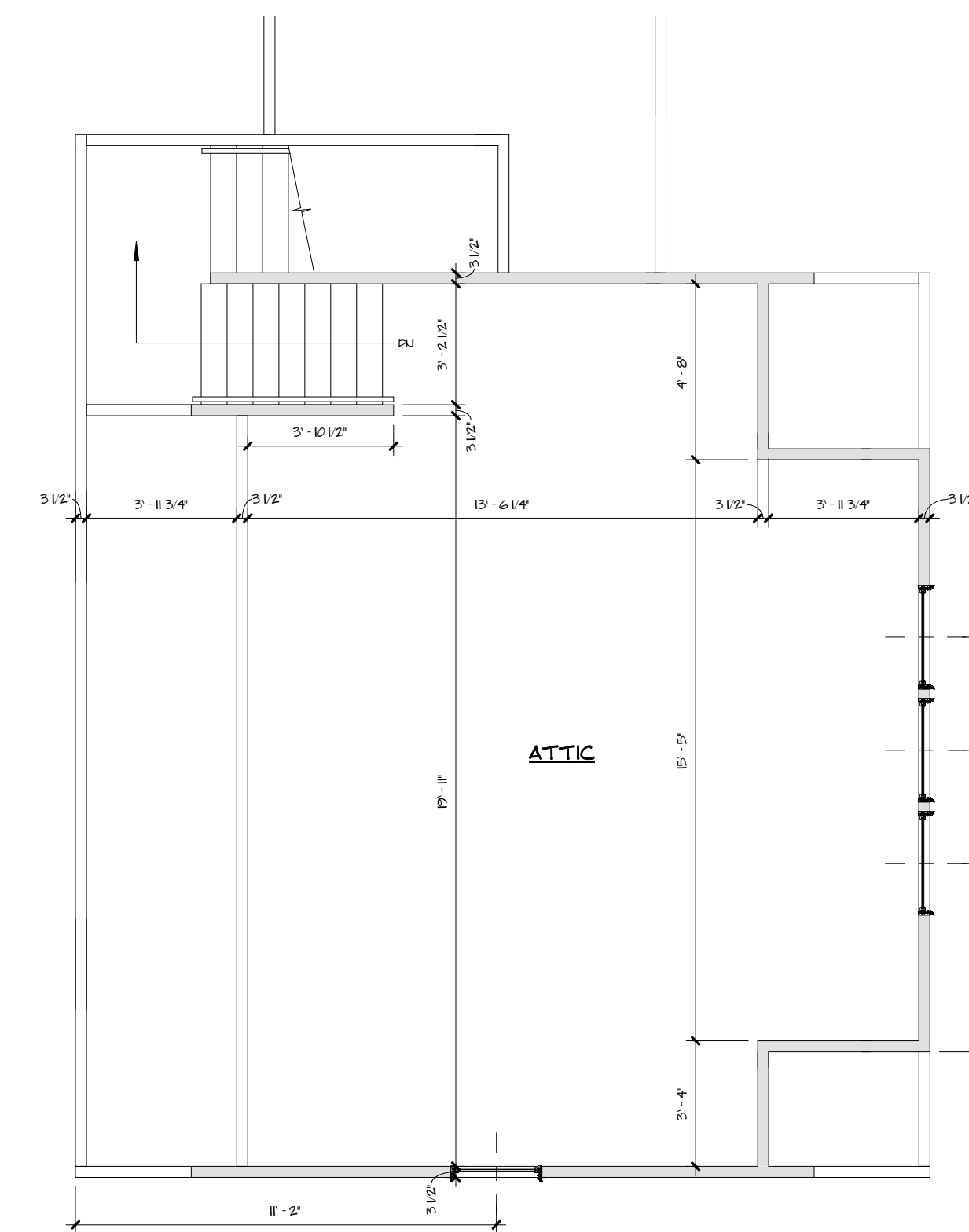
PRELIMINARY

HOUSE ADDITION
15726 Lake Ave. Lakewood, Ohio 44107
ARCHITECTS, C.A. McGETTRICK, LLC
14551 Madison Ave. Lakewood, Ohio 44107 216-227-0700 FAX: 216-227-0712

COMMISSION NO:
22408
CHARLES McGETTRICK, JR. • 775915
EXPIRATION DATE: 12/31/2024



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



GARAGE ATTIC
1/4" = 1'-0"

DATE: 5/22/24
REVISION:

PRELIMINARY

HOUSE ADDITION
15726 Lake Ave. Lakewood, Ohio 44107
ARCHITECTS, C.A. McGETTRICK, LLC
14551 Madison Ave. Lakewood, Ohio 44107 216-227-0700 FAX: 216-227-0712

COMMISSION NO:
22408
CHARLES McGETTRICK JR. • 775915
EXPIRATION DATE: 12/31/2024



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



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

DATE: 5/22/24
REVISION:

PRELIMINARY

HOUSE ADDITION
15726 Lake Ave. Lakewood, Ohio 44107

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

COMMISSION NO:
22408
CHARLES McGETTRICK JR. • 775915
EXPIRATION DATE: 12/31/2024



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



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



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

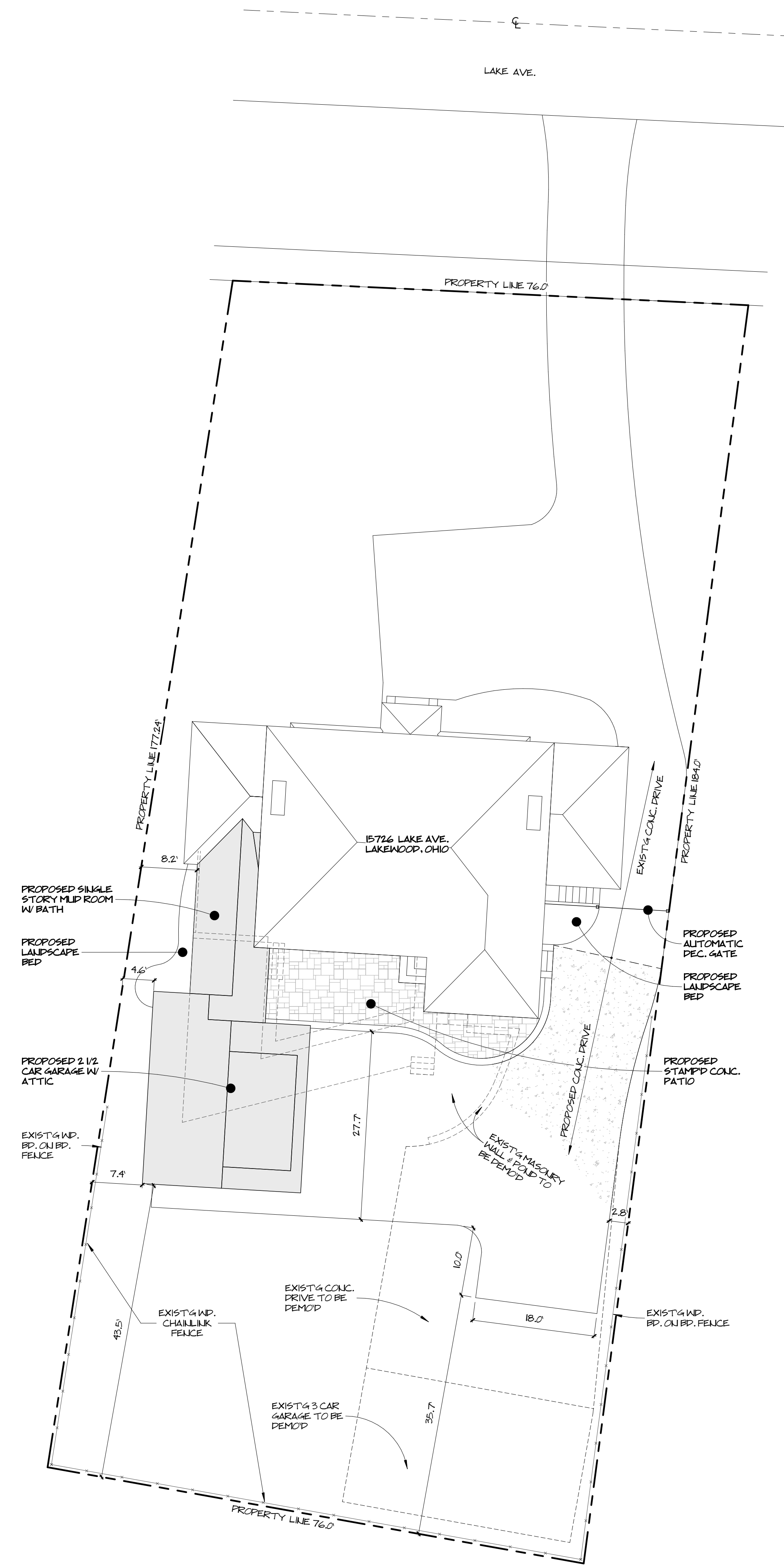
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REVISION:

PRELIMINARY

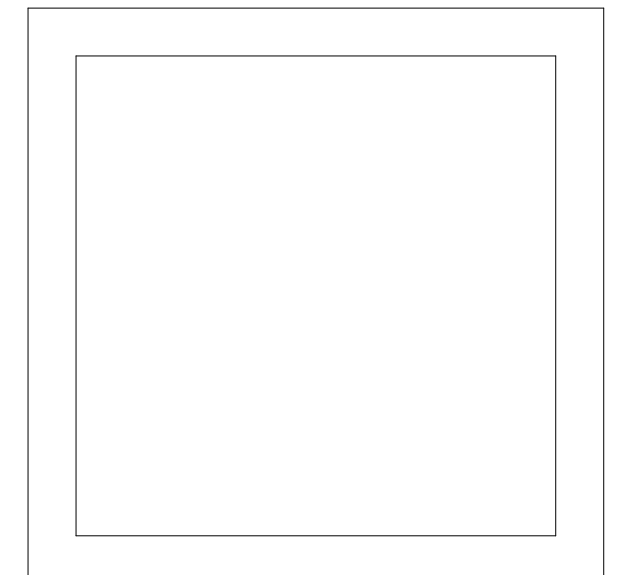
HOUSE ADDITION
15726 Lake Ave. Lakewood, Ohio 44107
ARCHITECTS, C.A. McGETTRICK, LLC
14551 Madison Ave. Lakewood, Ohio 44107 216-227-0700 FAX: 216-227-0712

COMMISSION NO:
22408
CHARLES McGETTRICK JR. #775916
EXPIRATION DATE: 12/31/2024

A-4



ARCHITECTURAL SITE PLAN
 3/32" = 1'-0"



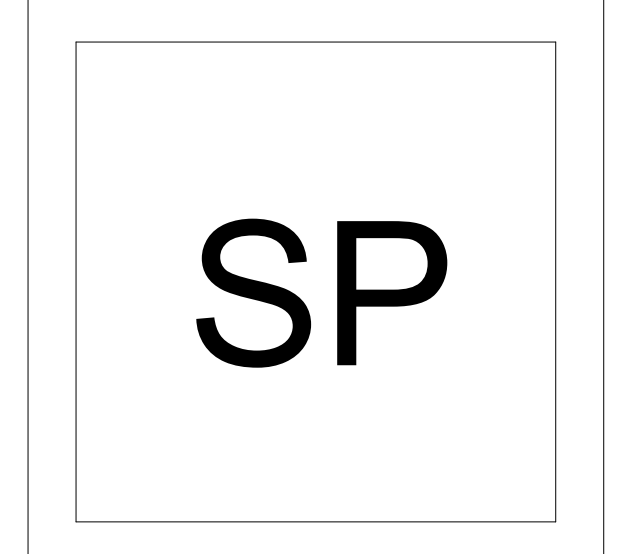
DATE: 5/22/24
 REVISION:

PRELIMINARY

HOUSE ADDITION
 15726 Lake Ave. Lakewood, Ohio 44107

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

COMMISSION NO:
 22408
 CHARLES McGETTRICK JR. • 775915
 EXPIRATION DATE: 12/31/2024



It's Possible™ to fall in love with your home again.

Michigan, Chicago & Ohio Product Catalog



Hardie® Panel & Hardie® Trim Batten
Weathered Cliffs
James Hardie | Magnolia Home Collection



**Endless
design
possibilities.**

**Endless ways
to express
yourself.**



ENDLESS DESIGN POSSIBILITIES

Products and colors that complement any style.

With a wide portfolio of products and nearly 700 pre-finished colors, creating your perfect design style is possible with Hardie® products.

Modern

Whether you crave clean lines and sleek profiles or bold hues, you'll find the perfect colors and styles to add a modern flair to your home that will be sure to make a lasting statement in your neighborhood.

Transitional

Transitional styles beautifully combine contemporary and traditional elements to create a design style that stands out. Mix your favorite profiles and colors to create a fresh look you'll love for years.

Traditional

Traditional homes offer timeless beauty that never goes out of style. Achieve the perfect balance between your home's character and your personal style with a variety of colors and products that add undeniable charm.



Hardie® Panel &
Hardie® Trim Batten
Iron Gray



Hardie® Shingle Kelly Green
Hardie® Trim Cobble Stone



Hardie® Panel & Hardie® Trim Batten Arctic White
Hardie® Plank Arctic White



Hardie® Shingle Cobble Stone
Hardie® Trim Arctic White



Hardie® Plank Navajo Beige
Hardie® Trim Timber Bark



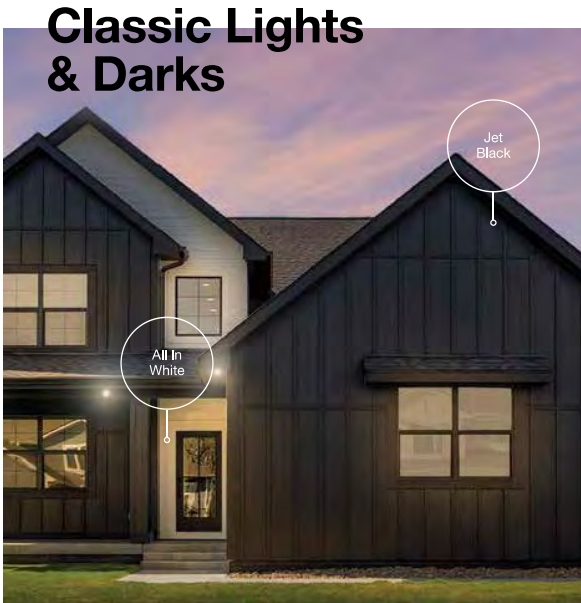
Hardie® Panel Inlet Blue

Dream Collection® Products

Looking to further express your sense of style? Look to our Dream Collection® products.

- Featuring a color palette of nearly 700 ColorPlus® Technology finishes
- Made to order in a wide array of Hardie® siding and trim styles
- Matches elevated design flexibility with the uncompromising performance of our fiber cement products

To see the full 700-color range of the Dream Collection® products, visit jameshardie.com/dream



Scan code to view colors and request a product sample.



A classic look that stands the test of time.

Hardie® Plank

From Victorians to Colonials, Hardie® Plank is the perfect siding for your style, and has the durability and long-lasting beauty that can transform your home exterior. With endless gorgeous color and plank pairings available, you'll discover a Hardie® Plank style that transforms your home's aesthetic.



Hardie® Plank



	Thickness 5/16 in				Length 12 ft planks
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
ColorPlus® Pcs/Pallet	324	280	252	210	—
Pcs/Sq.	25.0	20.0	16.7	14.3	12.5

Select Cedarmill®

Width	5.25 in	6.25 in	7.25 in	8.25 in	9.25 in*
Statement Collection®			•	•	
Dream Collection®	•	•	•	•	
Prime	•	•	•	•	•

Smooth

Width	5.25 in	6.25 in	7.25 in	8.25 in	9.25 in*
Statement Collection®					
Dream Collection®	•	•	•	•	
Prime	•	•	•	•	•

Beaded Select Cedarmill

Width	8.25 in
Exposure	7 in
ColorPlus® Pcs/Pallet	210
Pcs/Sq.	14.3
Statement Collection®	
Dream Collection®	•
Prime	

*9.25 in widths do not feature the drip edge

A finished look starts with beautiful trim.

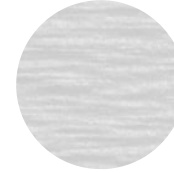
Hardie® Trim

Form meets function at every intersection with Hardie® Trim boards. With an authentic look, Hardie® Trim boards provide design flexibility for columns, friezes, doors, windows and other accent areas.

With higher performance to withstand damage from the elements compared to wood trim, Hardie® Trim is the perfect option for a long-lasting home. Hardie® Trim is a low-maintenance and durable accent for your exterior — adding an extra component of beauty to your home.



Hardie® Trim



	4/4 Roughsawn		Thickness .75 in			Length 12 ft boards	
Width	3.5 in	5.5 in	7.25 in	9.25 in	11.25 in		
Prime Pcs/Pallet	312	208	156	104	104		
ColorPlus® Pcs/Pallet	312	208	156	104	104		
Statement Collection®	AW	AW	•	AW	AW		
Dream Collection®	•	•	•	•	•		
Prime	•	•	•	•	•		

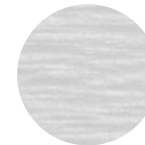
	4/4 Smooth		Thickness .75 in			Length 12 ft boards	
Width	3.5 in	5.5 in	7.25 in	9.25 in	11.25 in		
Prime Pcs/Pallet	312	208	156	104	104		
ColorPlus® Pcs/Pallet	312	208	156	104	104		
Statement Collection®	AW	•	•	AW	AW		
Dream Collection®	•	•	•	•	•		
Prime	•	•	•	•	•		

	5/4 Roughsawn		Thickness 1 in				Length 12 ft boards	
Width	3.5 in	4.5 in	5.5 in	7.25 in	9.25 in	11.25 in		
Prime Pcs/Pallet	240	200	180	120	80	80		
ColorPlus® Pcs/Pallet	240	200	180	120	80	80		
Statement Collection®	•		•	•	AW	AW		
Dream Collection®	•	•	•	•	•	•		
Prime	•	•	•	•	•	•		

	5/4 Smooth		Thickness 1 in				Length 12 ft boards	
Width	3.5 in	4.5 in	5.5 in	7.25 in	9.25 in	11.25 in		
Prime Pcs/Pallet	240	200	160	120	80	80		
ColorPlus® Pcs/Pallet	240	200	160	120	80	80		
Statement Collection®	•		•	•	AW	•		
Dream Collection®	•	•	•	•	•	•		
Prime	•	•	•	•	•	•		

Batten Boards

Thickness	.75 in
Length	12 ft
Width	2.5 in
Prime Pcs/Pallet	437
ColorPlus® Pcs/Pallet	190



Rustic Grain

Statement Collection®	•
Dream Collection®	•
Prime	•



Smooth

Statement Collection®	•
Dream Collection®	•
Prime	•

Protection in every detail, complete confidence in every area.

Hardie® Soffit

Every part of your home's exterior matters. With Hardie® Soffit panels, you can live confidently, knowing that gaps between eaves and exterior walls are covered to provide trusted protection.

DID YOU KNOW?

Using vented soffit improves ventilation and reduces the chance of water-vapor condensation that can promote mold, mildew and stains and which can damage your home's framing over time.

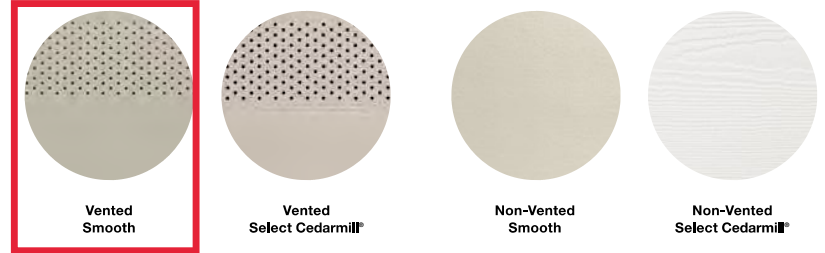
In warm climates, vented soffit allows hot, humid air to escape, which not only helps prevent condensation in the attic, but also helps reduce air-conditioning costs.

In cool climates, vented soffit helps prevent condensation from forming on the interior side of the roof sheathing and reduces the chances of roof-damaging ice dams.



Hardie® Soffit
Vented Smooth
Paper White

Hardie® Soffit



	Thickness 1/4 in			
Length	12 ft	12 ft	8 ft	8 ft
Width	12 in	16 in	24 in	48 in
Prime Pcs/Pallet	200	150	100	50
ColorPlus® Pcs/Pallet	216	156	108	—

Vented Smooth

Size	12 ft x 12 in	12 ft x 16 in	8 ft x 24 in
Statement Collection®			
Dream Collection®	•	•	•
Prime	•	•	•

Non-Vented Smooth

Size	12 ft x 12 in	12 ft x 16 in	8 ft x 24 in	8 ft x 48 in
Statement Collection®				
Dream Collection®	•	•	•	
Prime	•	•	•	•

Vented Cedarmill®

Size	12 ft x 12 in	12 ft x 16 in	8 ft x 24 in
Statement Collection®	•		
Dream Collection®	•	•	•
Prime	•	•	•

Non-Vented Cedarmill®

Size	12 ft x 12 in	12 ft x 16 in	8 ft x 24 in	8 ft x 48 in
Statement Collection®	•			
Dream Collection®	•	•	•	
Prime	•	•	•	•

Beaded Porch Panel



Thickness	1/4 in
Size	4 ft x 8 ft
Bead Size	2 in o.c.
Prime Pcs/Pallet	50

Bead edge lands on long edge of sheet to hide seams.

Statement Collection®	
Dream Collection®	•
Prime	•



METAL ROOF & WALL SYSTEMS
2023 CATALOG

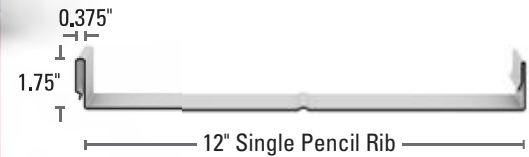
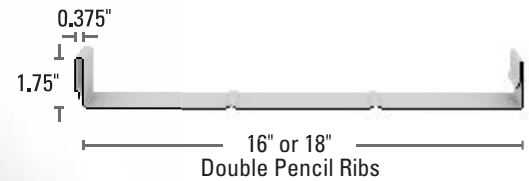
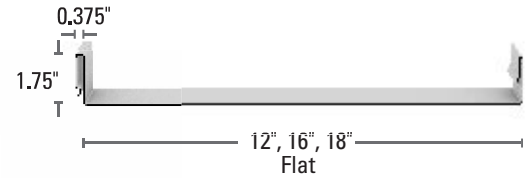
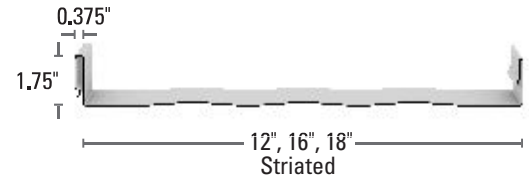
Standing Seam Systems



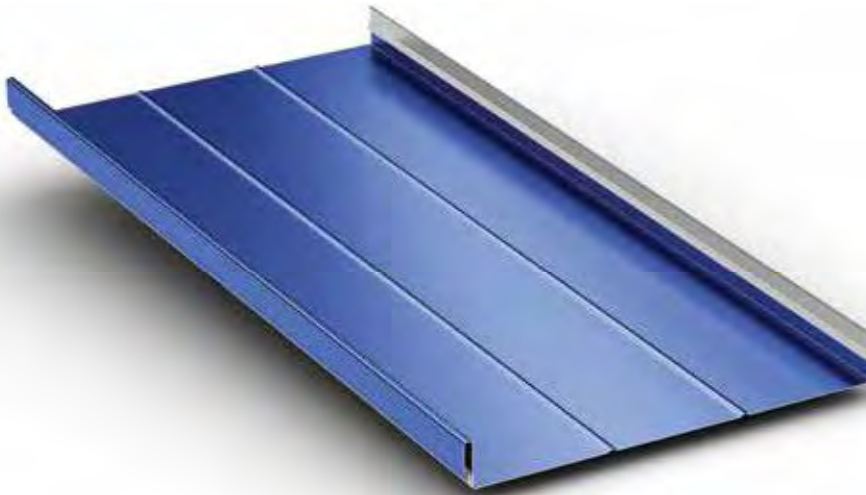
Medallion-Lok

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.

Panel Options



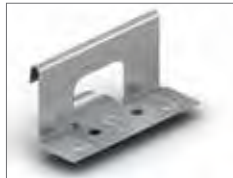
Note: Striated panels are recommended as they reduce the appearance of oil canning



Standard Clip



UL 90 Clip



Seam Detail



Factory Eave Notch



Eave Notch
Folded In Field



Details

- Factory formed eave notch upon request in: Clinton, Peachtree City, and Sunnyvale
- Factory applied sealant
- Minimum slope: 3:12
- Can be installed over solid deck or open framing

Panel Options

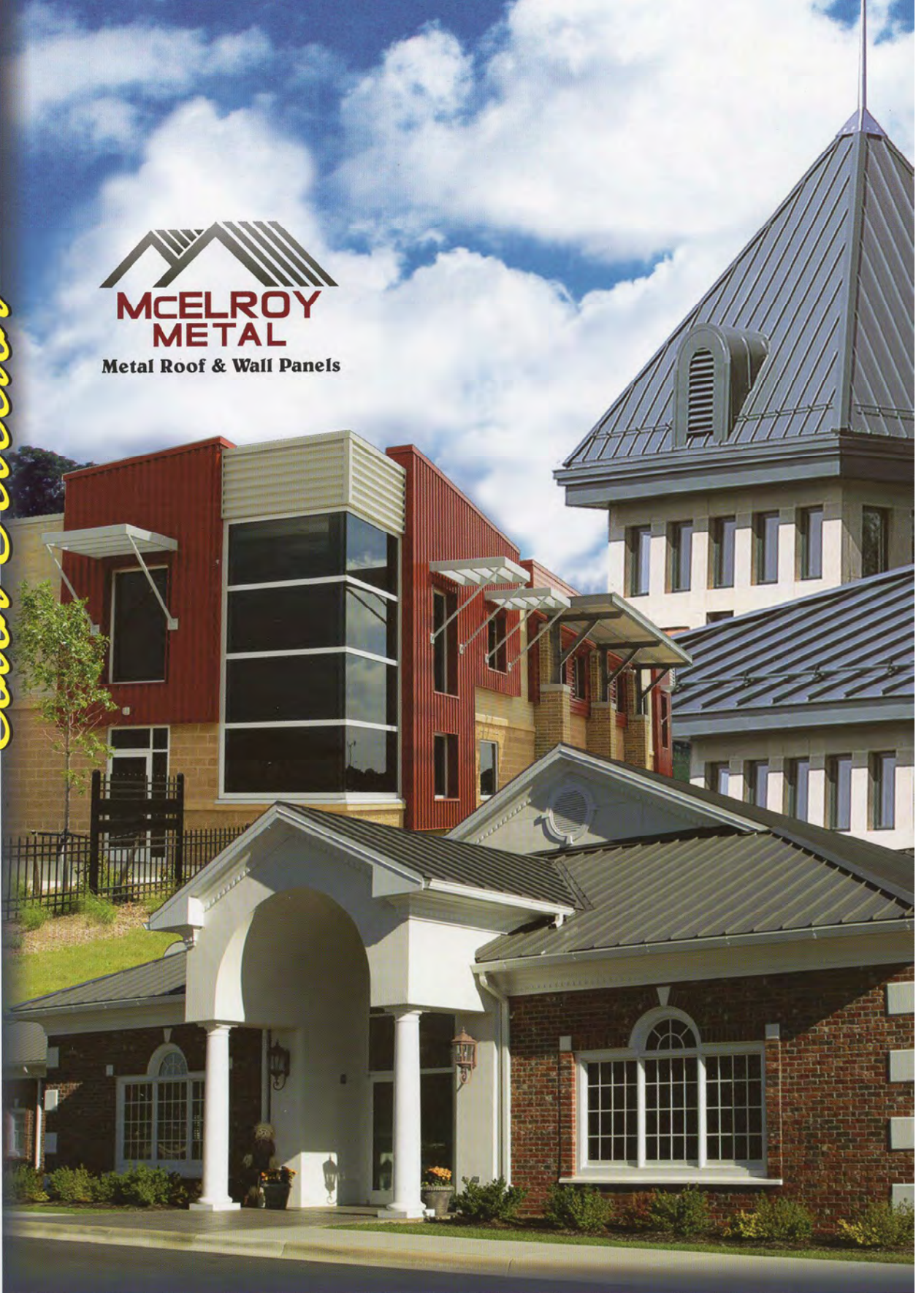
- Panel width 12", 16" & 18"
- Panel configurations: striated, ribbed or flat pan (striated recommended)
- Coating: Kynar 500® (PVDF)
- Substrate:
 - Standard 24 gauge Galvalume®
 - Optional 22 gauge Galvalume
 - .032 aluminum

Testing Data

- Fire Rating: Class A
- Uplift Test: UL580 Class 90 ASTM E1592
- Air Infiltration: ASTM E1680
- Water Infiltration: ASTM E1646
- Class 4 Impact Resistance: UL 2218
- Florida State Approval: 1747.5, 1832.7, 30920.5
- Fire Resistance: UL 263
- Miami-Dade Approval
- ICC-ES Approval: ESL-1082
- For any available Test Data, Section Properties or Load Tables, please visit our download section at www.mcelroymetal.com

Color Selector


**MCELROY
METAL**
Metal Roof & Wall Panels



Quality . . .

Service . . .

Performance . . .

**STANDARD
COLORS**



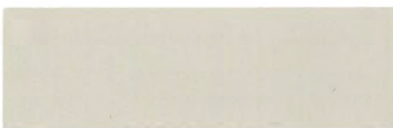
REGAL WHITE



BONE WHITE



SURREY BEIGE



SANDSTONE



ALMOND



BUCKSKIN



ASH GRAY



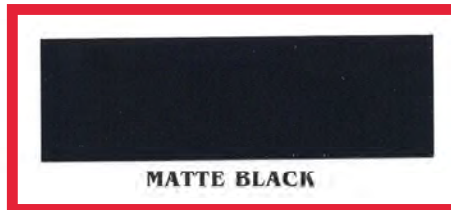
SLATE GRAY



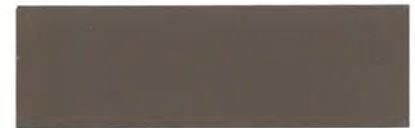
CHARCOAL



DARK CHARCOAL



MATTE BLACK



MEDIUM BRONZE



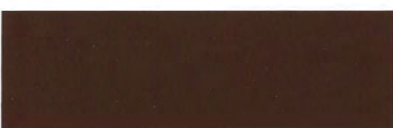
DARK BRONZE



PATINA GREEN



EVERGREEN



MANSARD BROWN



COLONIAL RED



ROMAN BLUE



PATRICIAN BRONZE



TERRA COTTA







15726
LAKE AVENUE

















**BOARD OF BUILDING STANDARDS
ARCHITECTURAL REVIEW BOARD
SIGN REVIEW BOARD**

12650 Detroit Avenue • (216) 529-6630 • FAX (216) 529-5907 • www.lakewoodoh.gov

Application Cover Page

Docket No.: 06-57-24

Permit No.: BBS24-000062 and BBS24-000066

Applicant Name: Michael Christoff, Vocon

Project Address: 16000 & 15801 Detroit Ave.

Project Name: Barry Buick Development

Project: Applicant proposes a mixed-use development with ground floor new retail, lobby, amenity space, and elevated residential units.

May 22, 2024

RE: Architectural Review Board / Planning Commission – Project Narrative

Project Name: Lakewood Detroit LLC
Project Location: 16000 Detroit Avenue & 15801 Detroit Avenue

Vocon Project No. 220508.00

16000 Detroit Avenue & 15801 Detroit Avenue Mixed-Use Development

The new mixed-use development located at 16000 Detroit Avenue & 15801 Detroit Avenue is situated on two adjacent sites comprising a total of 2.15 acres +/- (93450.83 sf). The site is situated on both the north and south sides of Detroit Avenue, between Rosewood Avenue to the east and Cranford Avenue to the west. The total project is approximately 124,824 gross square feet and will replace the currently vacant Buick car dealership.

The new development's ground floor addresses the street with 1,575 square feet of new retail, lobby, amenity space, and elevated residential units designed to complement the adjacent commercial district. The typical upper levels of both buildings are a mix of one-bedroom and two-bedroom units varying in size and offerings, giving the community several options in unit scale and affordability.

Design Approach: Enhancing Community Fabric in Lakewood, Ohio

Within Lakewood, Ohio's Commercial District, there's an opportunity to integrate modern elements with historical context, aiming to create an urban environment that aligns with the community's values and aspirations. Our proposed development consists of multifamily and mixed-use buildings, intending to address this opportunity through a contextually sensitivity and design quality.

Lakewood's Commercial District thrives on pedestrian activity, underscoring the importance of designing spaces conducive to human-scale interactions. The buildings prioritize pedestrian access, site continuity, and safety for residents and neighbors alike. Retail, lobby and amenity spaces are strategically located, and ground floors are activated with engaging storefronts to foster vibrant pedestrian corridors.

Contextual Integration and Adaptive Design:

Lakewood's architectural heritage, characterized by a mix of historic and modern structures, presents an opportunity for our development. Extensive site analysis and contextual research guided us to respect the scale, materials, and character of the surrounding built environment while meeting contemporary urban needs. Our design approach integrates traditional materials like brick and metal panels, blending into the district's historic fabric, while introducing modern elements to enhance the urban experience.

Parking and Mobility Solutions:

Our design incorporates discreet parking solutions at the rear of each building, internal parking opportunities, and dedicated bicycle parking facilities strategically located for accessibility and connectivity.

Quality of Design and Materiality:

Our design framework prioritizes design excellence and material integrity. Through evaluation of proportions, material properties, construction techniques, and environmental performance, we selected high-quality materials that enhance the buildings' aesthetic appeal, durability, sustainability, and resilience. Well-crafted masonry facades with depth of materiality and details, accents, and first-floor detail elements showcase a richness in building form and texture, elevating the architectural expression, and enriching the urban fabric of Lakewood's Commercial District.

Conclusion:

The design for the proposed multifamily and mixed-use buildings in Lakewood reflects a thoughtful and strategic approach to urban design and placemaking. By leveraging design rigor, contextual understanding, and a commitment to excellence, our aim is to create a development that enhances the community fabric.

Building Information Summary:

Building North: 16000 Detroit Avenue

Gross Area: 124,824 sf +/-
Retail Area: 1,573 sf +/-
1st Floor Lobby & Amenities: 3,879 sf +/-
Height: 48'-0"
Units: 66
Parking: 76

Building South: 15801 Detroit Avenue

Gross Area: 55,875 sf +/-
Retail Area: none
1st Floor Lobby & Amenities: 770 sf +/-
Height: 48'-0"
Units: 58
Parking: 77

vocon.

CITY OF LAKEWOOD ARB PLANNING SUBMISSION

newbrook
PARTNERS

TKG
THE KRUEGER GROUP



LAKWOOD DETROIT LLC

16000 & 15801 DETROIT AVENUE | LAKEWOOD, OH

AGENDA

- 01 Site Context
- 02 Landscape Plan & Site Lighting
- 03 Master Plan
- 04 Floor Plans
- 05 Building Elevations
- 06 Wall Sections & Details
- 07 Renderings

LAKWOOD- SITE CONTEXT



1. Brockley Avenue Looking South



2. Brockley Avenue & Detroit Avenue Intersection



3. Rosewood Avenue Looking North



4. Rosewood Avenue & Detroit Avenue Looking West on Detroit Avenue



1 EXISTING CONTEXT LOCATION MAP
SCALE: 12" = 1'-0"



LAKWOOD- SITE CONTEXT



5. Cranford Avenue Looking South



6. Cranford Avenue & Detroit Avenue Intersection Looking East on Detroit Avenue



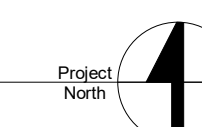
7. Orchard Grove Avenue & Detroit Avenue Looking East



8. Orchard Grove Avenue Looking North



1 EXISTING CONTEXT LOCATION MAP
SCALE: 12" = 1'-0"

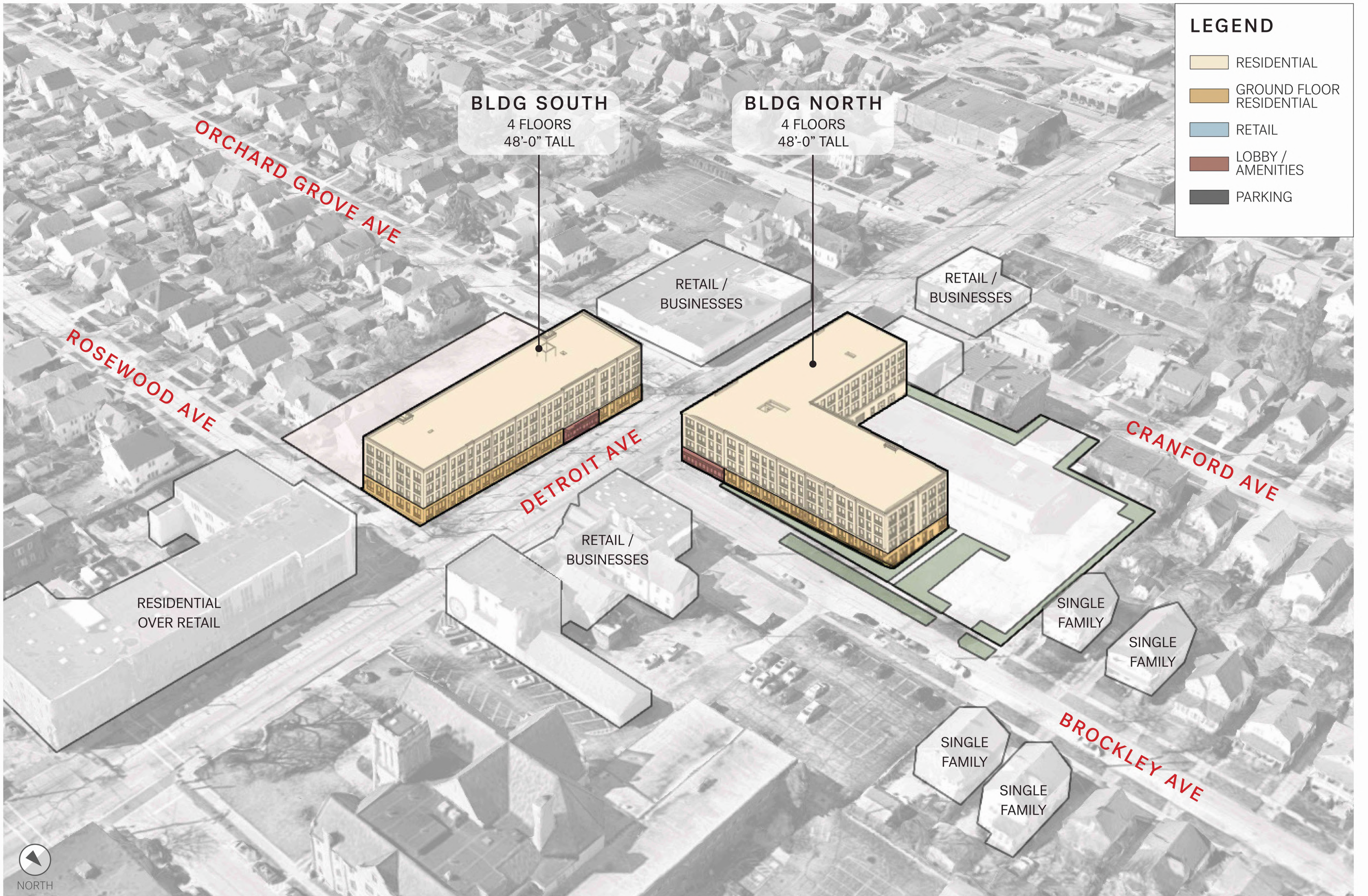




1 EXISTING CONTEXT MAP
SCALE: 1/2" = 1'-0"







LEGEND

	RESIDENTIAL
	GROUND FLOOR RESIDENTIAL
	RETAIL
	LOBBY / AMENITIES
	PARKING

BLDG SOUTH
4 FLOORS
48'-0" TALL

BLDG NORTH
4 FLOORS
48'-0" TALL

RETAIL /
BUSINESSES

RETAIL /
BUSINESSES

RETAIL /
BUSINESSES

RESIDENTIAL
OVER RETAIL

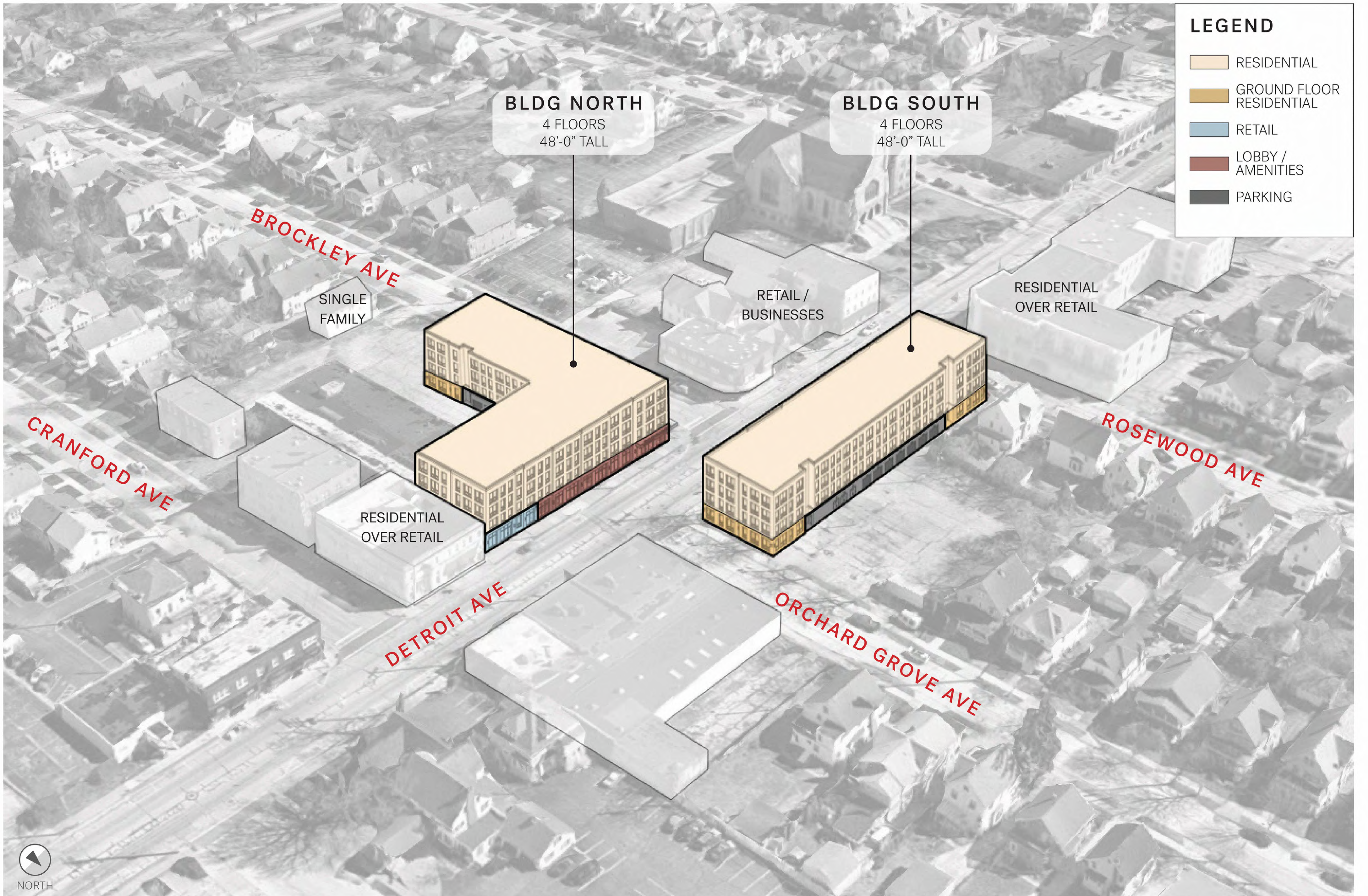
SINGLE
FAMILY

SINGLE
FAMILY

SINGLE
FAMILY

SINGLE
FAMILY





LEGEND

- RESIDENTIAL
- GROUND FLOOR RESIDENTIAL
- RETAIL
- LOBBY / AMENITIES
- PARKING

BLDG NORTH
4 FLOORS
48'-0" TALL

BLDG SOUTH
4 FLOORS
48'-0" TALL

BROCKLEY AVE

SINGLE FAMILY

CRANFORD AVE

RESIDENTIAL OVER RETAIL

DETROIT AVE

RETAIL / BUSINESSES

RESIDENTIAL OVER RETAIL

ROSEWOOD AVE

ORCHARD GROVE AVE





CA KF - Calamagrostis acutiflora 'Karl Foerster'
Karl Foerster Reed Grass



Vinyl fence



IL GL - Ilex Glabra 'Densa'
Dense Inkberry Holly



PA VI - Panicum virgatum 'Heavy Metal'
Heavy Metal Switchgrass



CL AL - Clethra alnifolia 'Ruby Spice'
Ruby Spice Summersweet



LI ST - Liquidambar styraciflua 'Slender Silhouette'
Slender Silhouette Sweetgum



PH SU - Phlox subulata 'Candy Stripe'
Candy Stripe Moss Phlox



CA MO - Carex morrowii 'Ice Dance'
Ice Dance Sedge



GL TR - Gleditsia triacanthos 'Skyline'
Skyline Honeylocust



TI AM - Tilia americana
American Linden



SY RE - Syringa reticulata 'Ivory Silk'
Ivory Silk Tree Lilac



AM LA - Amelanchier laevis 'Lustre'
Lustre Allegheny Serviceberry



LI SP - Liatris spicata
Blazing Star

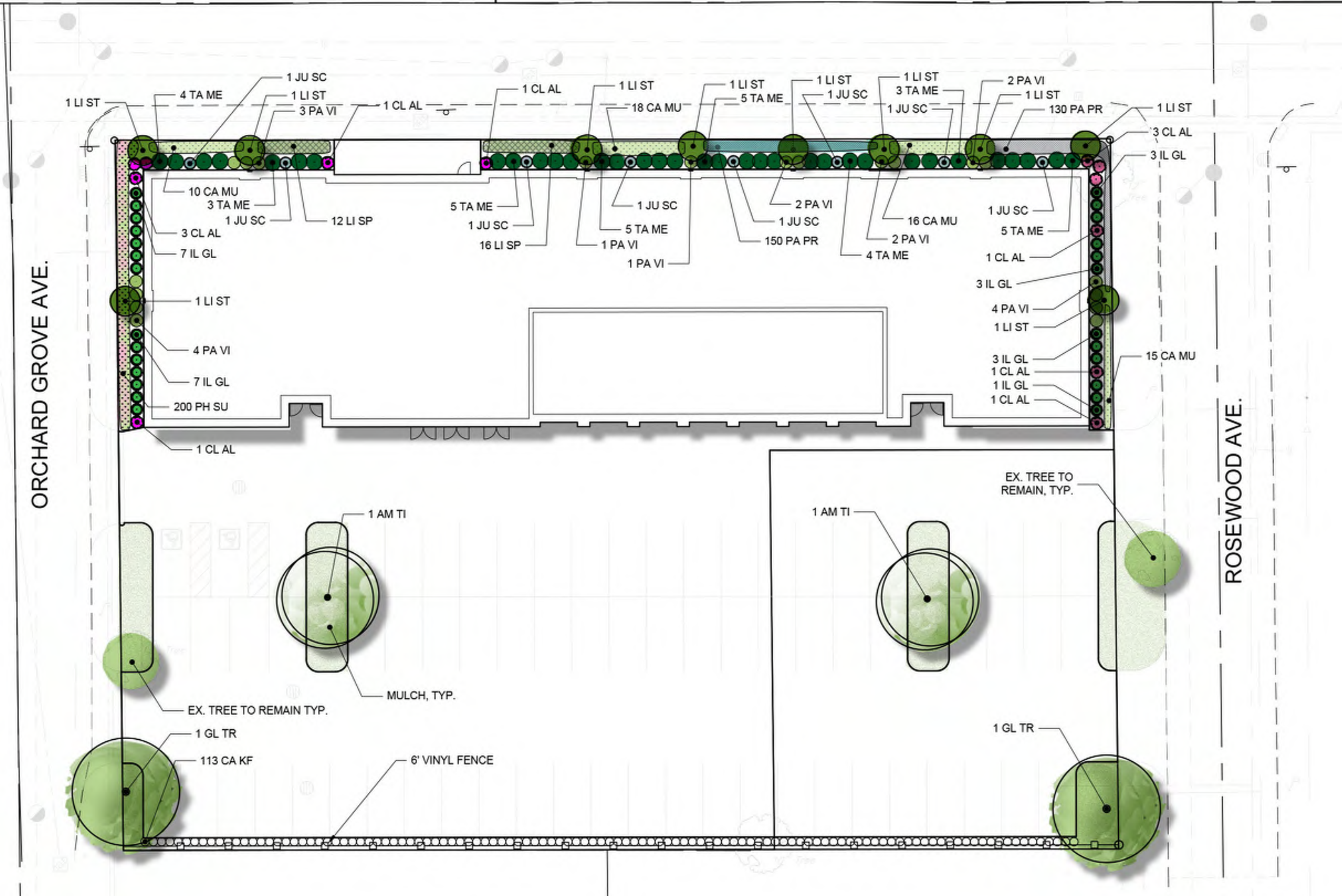


PA PR - Pachysandra procumbens
Allegheny Spurge



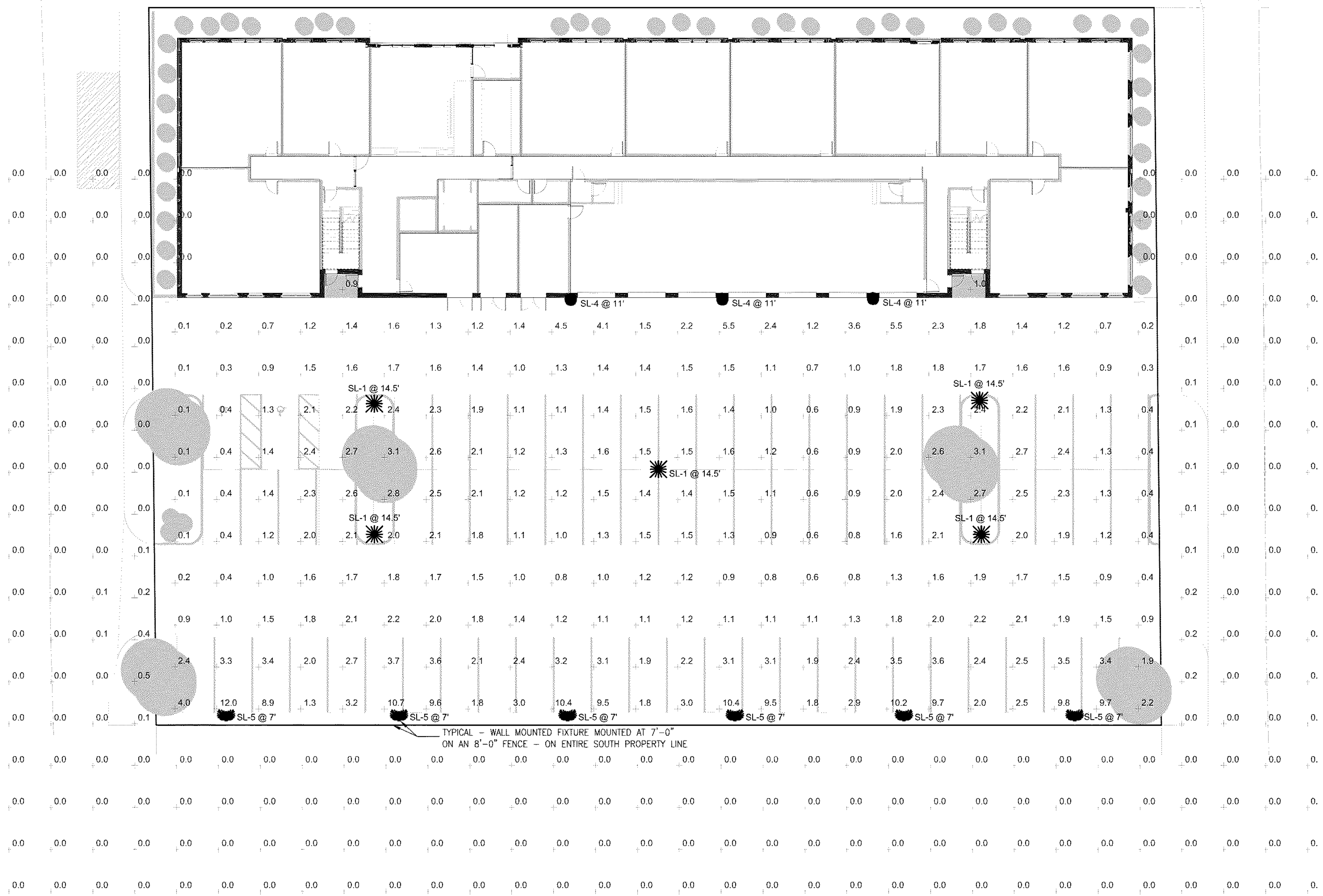
JU SC - Juniperus scopulorum 'Blue Arrow'
Blue Arrow Juniper
TA ME - Taxus x media 'Hicksii'
Hicks' Yew

CODE ANALYSIS - LANDSCAPE		
PARAGRAPH	LANDSCAPE REQUIREMENT	REMARKS
1141.02	REQUIRED LOCATIONS AND EXCEPTIONS: (a) Any multi-family, commercial, or industrial use located on a lot having a rear or side lot line abutting a residential use, or a rear or side lot line abutting a public ROW, shall install landscaping and screening along such lot line(s).	Fence and landscaping provided at north and south property lines; landscaping provided at rights-of-way.
1141.04	LANDSCAPING AND SCREENING MATERIALS: (a) Screening, approved by the ARB, may take the form of: (3) A wood, wrought iron, tubular steel, or similar fence compatible with the character of the area in which the fence is to be placed;	6' opaque fence to be provided

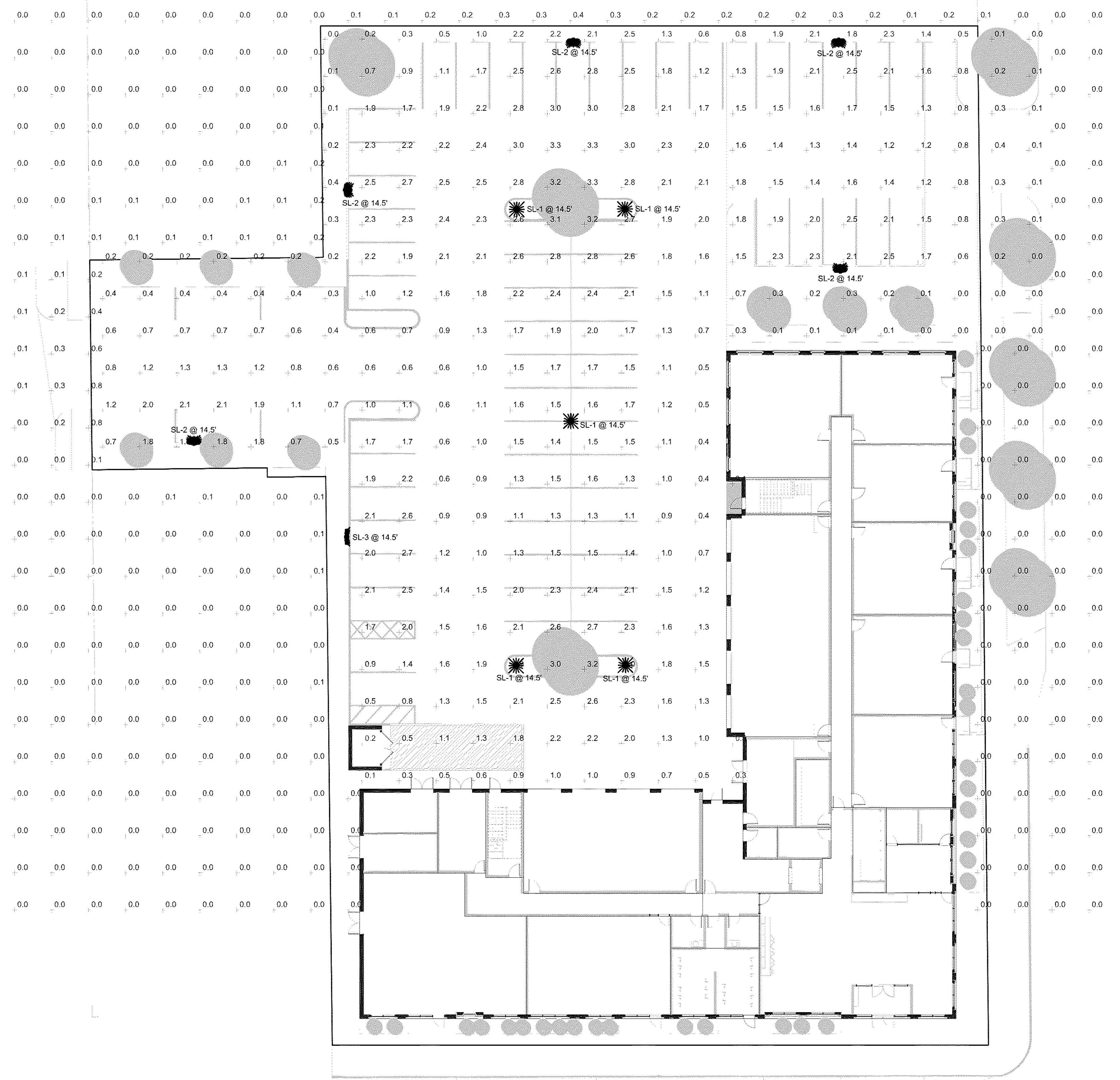


PREPARED BY:

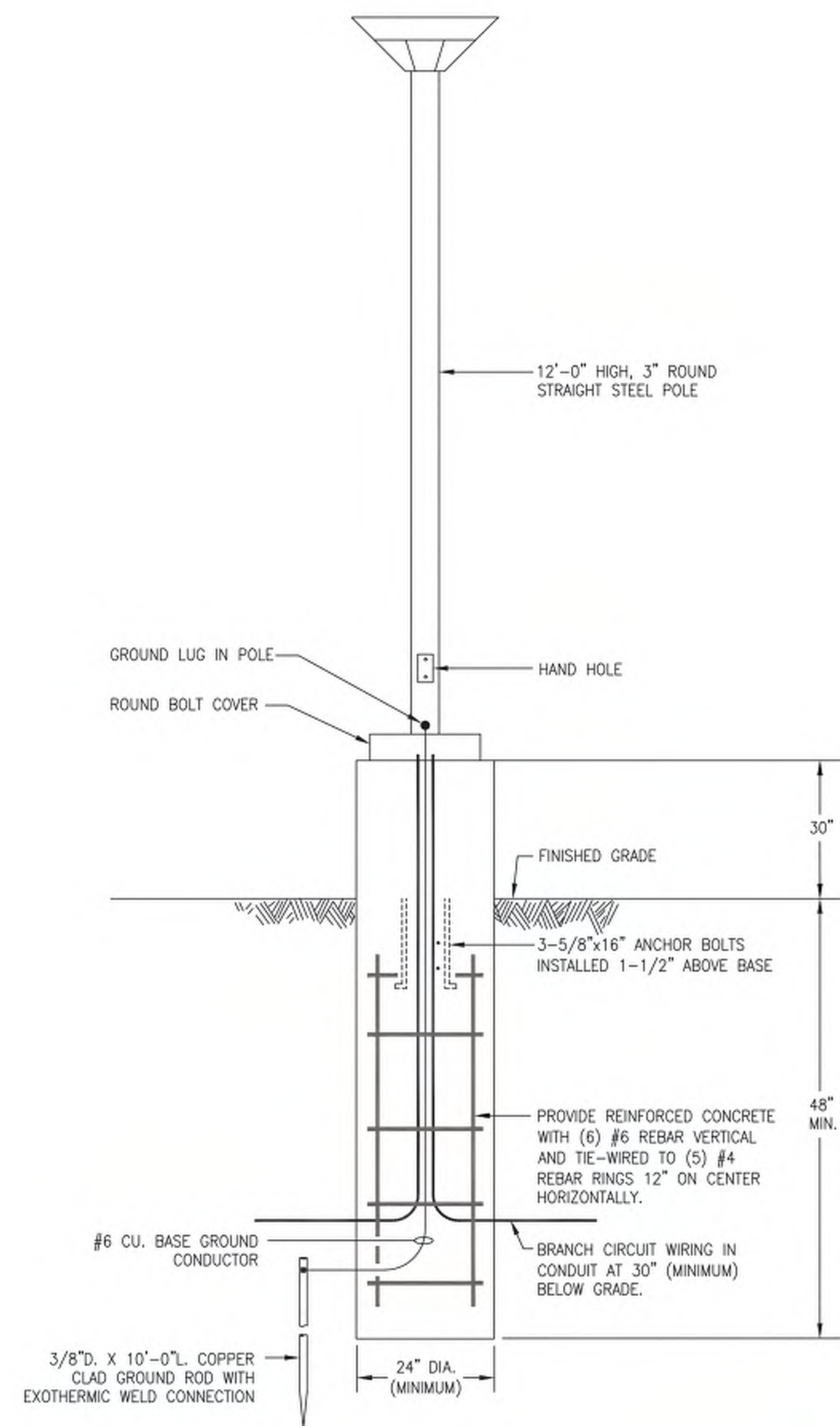




2 SOUTH BUILDING PARKING LOT PHOTOMETRY PLAN
 SCALE: 1/16" = 1'-0"



1 NORTH BUILDING PARKING LOT PHOTOMETRY PLAN
 SCALE: 1/16" = 1'-0"



POLE BASE DETAIL
NO SCALE

Symbol	Label	QTY	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power	Polar Plot
	SL-1	10	COOPER LIGHTING SOLUTIONS - STREETWORKS (FORMERLY EATON)	PMM-SA1C-840-U-5MQ	MESA POST TOP DECORATIVE LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V MEDIUM OPTICS.	16	355	0.9	59	
	SL-2	5	COOPER LIGHTING SOLUTIONS - STREETWORKS (FORMERLY EATON)	PMM-SA1C-840-U-SL4-HSS	MESA POST TOP DECORATIVE LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD	16	273	0.9	59	
	SL-3	1	COOPER LIGHTING SOLUTIONS - STREETWORKS (FORMERLY EATON)	PMM-SA1C-840-U-SL2-HSS	MESA POST TOP DECORATIVE LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE II SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD	16	270	0.9	59	
	SL-4	3	COOPER LIGHTING SOLUTIONS - LUMARK (FORMERLY EATON)	ASWPLED1S-30W-4000K	SLIM WALL PACK, WATTAGE AND CCT SELECTABLE	98	40	0.9	30.4	
	SL-5	6	COOPER LIGHTING SOLUTIONS - MCGRAW-EDISON (FORMERLY EATON)	GWC-SA1A-740-U-SL4-HSS	GALLEON WALL LUMINAIRE (1) 70 CRI, 4000K, 615mA LIGHTSQUARE WITH 16 LEDS AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD	16	253	0.9	34	

Statistics			
Description	Avg	Min	Max
North Lot Off Site	0.0 fc	0.0 fc	0.8 fc
South Building Parking Lot	2.1 fc	0.1 fc	12.0 fc
South Lot Off Site	0.0 fc	0.0 fc	0.5 fc
North Building Parking Lot	1.4 fc	0.0 fc	3.3 fc

Project	Catalog #	Type
Prepared by	Notes	Date

Project	Catalog #	Type
Prepared by	Notes	Date

Project	Catalog #	Type
Prepared by	Notes	Date



McGraw-Edison
GWC Galleon Wall
Wall Mount Luminaire

Product Features

- Light Authority™
- BAA
- FADC

Interactive Menu

- Ordering Information page 2
- Product Specifications page 2
- Optical Configurations page 3
- Energy and Performance Data page 4
- Control Options page 6

Product Certifications

- DLC LISTED
- DLC 150/200
- ETL
- UL
- FC
- IP66
- 1.5G VIB
- 5 YEAR

Connected Systems

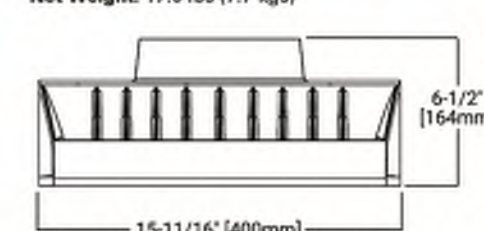
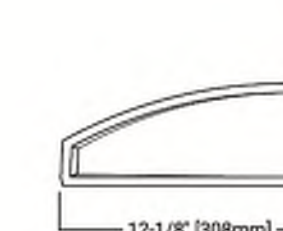
- WaveLinX
- Enlighted

Quick Facts

- Choice of thirteen high-efficiency, patented AccuLED Optics
- Downward and inverted wall mounting configurations
- Eight lumen packages from 3,215 up to 17,056
- Efficacies up to 154 lumens per watt

Dimensional Details

Net Weight: 17.0 lbs (7.7 kg)

NOTES:

- View from 2mm diameter (5mm) and (10mm) to confirm qualification. Not all product variations are DLC qualified.
- Box certified for 300K CCT and warmer only.



Lumark AP
ASWP Adjustable Slim Wall Pack Series
Wall Mount Luminaire

Product Features

- Selectable Luminaire
- MARKETPRO

Interactive Menu

- Ordering Information page 2
- Product Specifications page 2
- Energy and Performance Data page 3

Product Certifications

- DLC LISTED
- FC
- ROHS
- IP65
- 5 YEAR

Quick Facts

- Selectable configurations available
- Lumen packages range from 2,100-10,200 lumens
- Replaces 155W-375W HID equivalent
- Efficacies up to 130 lumens per watt
- Energy and maintenance savings up to 89%
- Heat and impact resistant borosilicate glass lens

Dimensional Details





Streetworks
PMM MESA
Decorative Area Luminaire

Product Features

- Light Authority™

Interactive Menu

- Order Information page 2
- Optical Distributions page 3
- Product Specifications page 4
- Energy & Performance data page 5
- Control Options page 13

Product Certifications

- ISD
- UL
- DLC LISTED
- DLC 150/200
- ROHS
- IP66
- 1.5G VIB
- 5 YEAR
- Kila
- FC

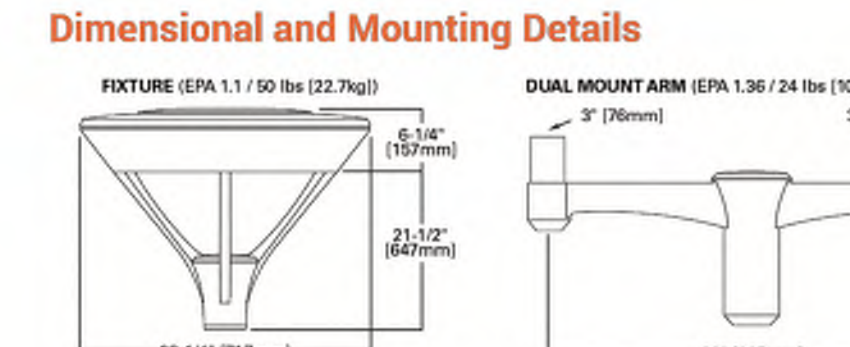
Connected Systems

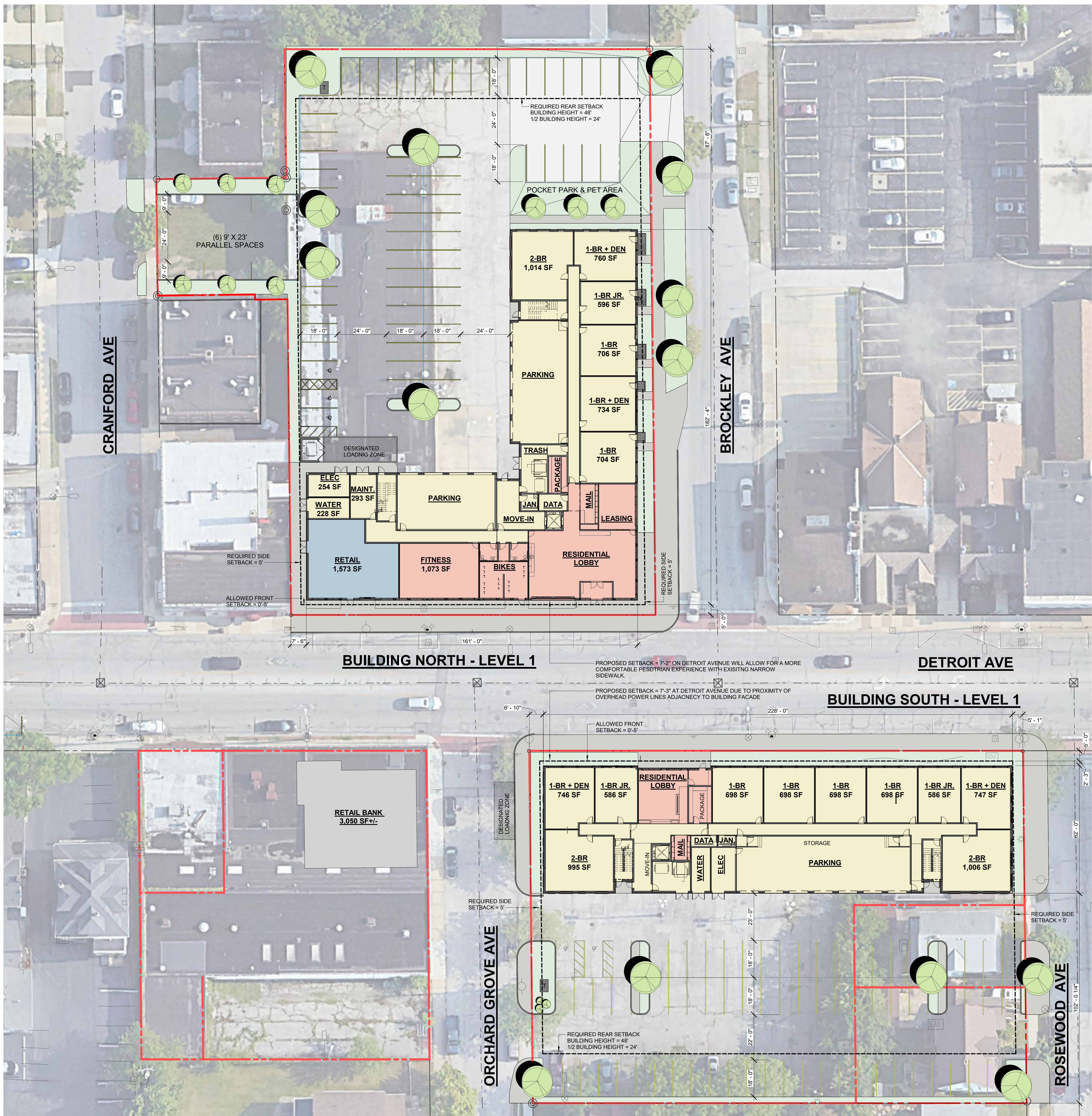
- WaveLinX Pro

Quick Facts

- Die-cast aluminum housing and door
- Lumens packages ranging from 3,000 - 29,000 lumens
- Choice of 13 high-efficiency, patented AccuLED Optics™
- Base casting slip fits over a standard 3" O.D. tenon
- Wall, single and dual-mount configurations available
- 10kV/10kA surge protection standard
- LED fixture features a five-year warranty

Dimensional and Mounting Details





GROSS BUILDING AREA	
BUILDING - NORTH	
LEVEL 01 +680	17,148 SF
LEVEL 02	17,267 SF
LEVEL 03	17,267 SF
LEVEL 04	17,267 SF
TOTAL	68,949 SF
BUILDING - SOUTH	
LEVEL 01 +680	13,911 SF
LEVEL 02	13,988 SF
LEVEL 03	13,988 SF
LEVEL 04	13,988 SF
TOTAL	55,875 SF
TOTAL GROSS AREA	124,824 SF

BUILDING UNIT MIX		
UNIT TYPE	UNIT SIZE	COUNT
BUILDING - NORTH		
1 BR	665-700 sf +/-	29
1 BR - DEN	760 sf +/-	8
1 BR - JR	600 sf +/-	16
2 BR - #1	1,000 -1,100sf +/-	13
TOTAL		66
BUILDING - SOUTH		
1 BR	665-700 sf +/-	28
1 BR - DEN	760 sf +/-	11
1 BR - JR	<varies>	8
2 BR - #1	1,000 -1,100sf +/-	11
TOTAL		58
TOTAL # OF UNITS		124

RESIDENTIAL LEASEABLE	
BUILDING - NORTH	
LEVEL 01 +680	4,513 SF
LEVEL 02	14,954 SF
LEVEL 03	14,954 SF
LEVEL 04	14,954 SF
TOTAL	49,374 SF
BUILDING - SOUTH	
LEVEL 01 +680	7,458 SF
LEVEL 02	12,232 SF
LEVEL 03	12,232 SF
LEVEL 04	12,232 SF
TOTAL	44,154 SF
TOTAL LEASEABLE AREA	93,528 SF

UNIT MIX BY PERCENTAGE			
UNIT TYPE	UNIT SIZE	PERCENTAGE	COUNT
1 BR	665-700 sf +/-	46%	57
1 BR - DEN	760 sf +/-	15%	19
1 BR - JR	<varies>	19%	24
2 BR - #1	1,000 -1,100sf +/-	19%	24
TOTAL # OF UNITS			124

AMENITIES & BLDG SERVICES	
BUILDING - NORTH	
AMENITIES	2,116 SF
BUILDING SERVICES	1,387 SF
LOBBY	2,390 SF
PARKING	3,061 SF
RETAIL	1,573 SF
BUILDING - SOUTH	
BUILDING SERVICES	1,240 SF
LOBBY	770 SF
PARKING	2,400 SF

PARKING COUNTS	
BUILDING - NORTH PARKING	
Accessible Parking - 9'x18'	3
Covered Parking - 12'x20'	9
Parallel Parking - 23'x9'	6
Standard Parking - 9'x18'	58
Building - North Total	76
BUILDING - SOUTH PARKING	
Accessible Parking - 9'x18'	2
Covered Parking - 12'x20'	7
Standard Parking - 9'x18'	68
Building - South Total	77
TOTAL PARKING PROVIDED	153

ZONING NOTES:
 The C3 General Business District is established to provide for commercial uses that generally require independent, freestanding buildings, larger parking areas, and may have unique traffic patterns because of such factors as drive-in facilities.

SCHEDULE 1129.05: LOT AREA AND FRONTAGE REGULATIONS
RETAIL C3 GENERAL BUSINESS
 Minimum Lot Area: 10,000 SF
 Minimum Lot Frontage: 80 FT.

SCHEDULE 1129.06: YARD REQUIREMENTS: RETAIL C3 GENERAL BUSINESS
 Front Yard Depth: MAX. 5 feet
 Rear Yard Depth: One-half (1/2) the height of the building, but in no case less than five (5) feet 3
 Side Yard Width: 5 feet 1,3
 1 On a corner lot the side street yard shall be five (5) feet.
 3 Roof exhausts must be ten (10) feet from property line.

1129.07 HEIGHT REGULATIONS.
 IN THE C1 OFFICE, C2 RETAIL, C3 GENERAL BUSINESS, AND C4 PUBLIC SCHOOL DISTRICT THE HEIGHT OF A PRINCIPAL STRUCTURE SHALL NOT EXCEED 120 FEET; THE HEIGHT OF AN ACCESSORY STRUCTURE SHALL NOT EXCEED TWENTY (20) FEET, UNLESS OTHERWISE SPECIFIED IN THIS CODE.

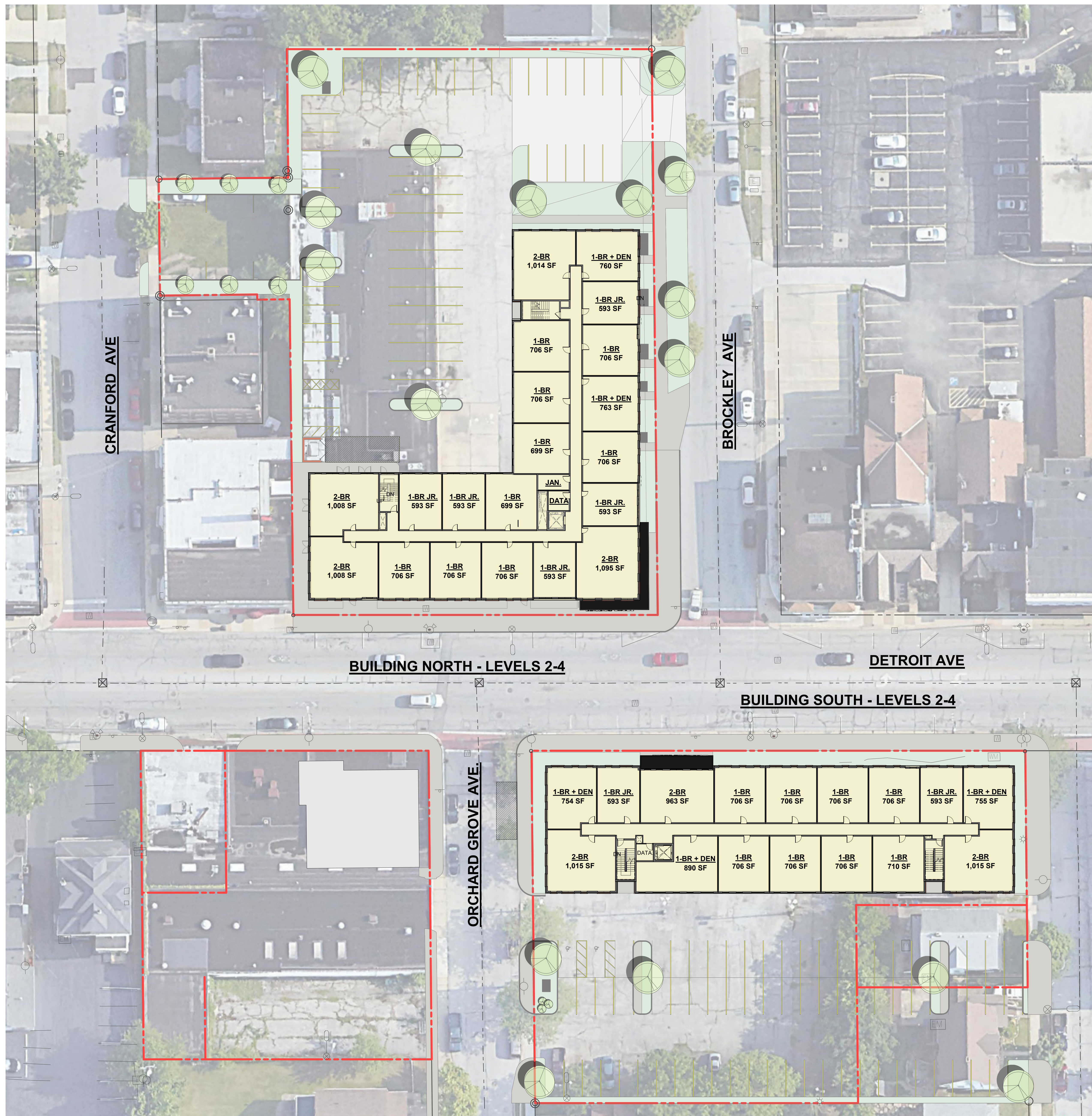
1129.12 SUPPLEMENTAL REGULATIONS FOR MIXED-USE STRUCTURES.
 (a) No dwelling units shall be on the ground floor.
 (b) No dwelling units shall be on the same floor as another permitted use.
 (c) In a building having dwelling units and other permitted uses, the other permitted uses shall be limited to the ground floor and consecutive floors.

PARKING SUMMARY:
 RETAIL *
 *NO OFF-STREET PARKING IS REQUIRED FOR RETAIL SPACES UNDER 2,500SF (LAKEWOOD ZONING 1143.05)

RESIDENTIAL: MINIMUM 1 SPACE PER DWELLING UNIT (124).

ZONING REQUIRED 124 SPACES
LANDSCAPE NOTES:
1141.02 REQUIRED LOCATIONS AND EXCEPTIONS.
 (a) Any multi-family, commercial, or industrial use located on a lot having a rear or side lot line abutting a residential use, or a rear or side lot line abutting a public right-of-way, shall install landscaping and screening along such lot line(s), consistent with this Chapter.

1141.04 LANDSCAPING AND SCREENING MATERIALS.
 (a) Screening, approved by the Architectural Board of Review, may take the form of:
 (1) A landscaped earthen berm a minimum of two (2) feet high plus plantings a minimum of two (2) feet high (a total of four [4] feet high) at all points



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TOTAL GROSS AREA	124,824 SF

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1 BR	665-700 sf +/-	28
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PARKING COUNTS

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PARKING SUMMARY:

RETAIL*
*NO OFF-STREET PARKING IS REQUIRED FOR RETAIL SPACES UNDER 2,500SF (LAKEWOOD ZONING 1143.05)

RESIDENTIAL: MINIMUM 1 SPACE PER DWELLING UNIT (124).

ZONING REQUIRED 124 SPACES

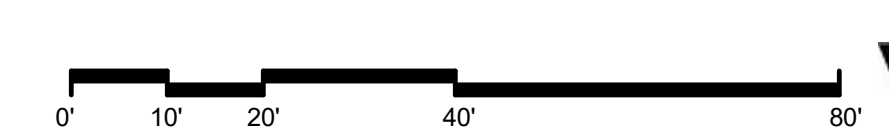
LANDSCAPE NOTES:

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- (a) Screening, approved by the Architectural Board of Review, may take the form of:
 - (1) A landscaped earthen berm a minimum of two (2) feet high plus plantings a minimum of two (2) feet high (a total of four [4] feet high) at all points





2 BUILDING SOUTH - TYPICAL UPPER FLOOR PLAN
 SCALE: 1/8" = 1'-0"



1 BUILDING SOUTH - FIRST FLOOR PLAN
 SCALE: 1/8" = 1'-0"



1 BUILDING NORTH - FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"





1 BUILDING NORTH - TYPICAL UPPER FLOOR PLAN
 SCALE: 1/8" = 1'-0"



4 BUILDING SOUTH - EAST ELEVATION
SCALE: 1/8" = 1'-0"



3 BUILDING SOUTH - WEST ELEVATION
SCALE: 1/8" = 1'-0"

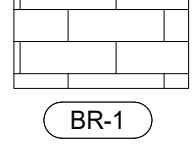
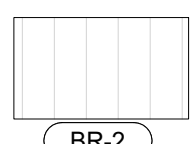
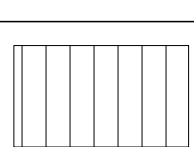
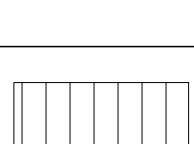
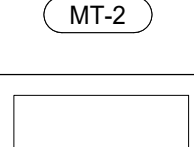
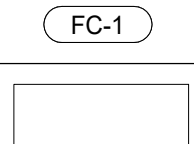
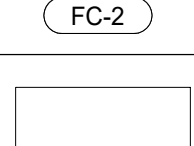
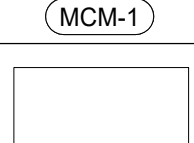
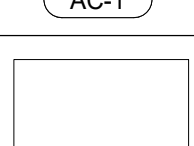
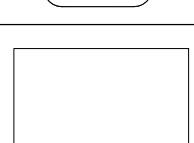


2 BUILDING SOUTH - SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



1 BUILDING SOUTH - NORTH ELEVATION
SCALE: 1/8" = 1'-0"

EXTERIOR MATERIALS LEGEND	
	EXTERIOR MASONRY FACE BRICK, TYPICAL RUNNING BOND, EXTRUDED YANKEE HILL, OLD FORT COLOR: RED BRICK SIZE: MODULAR MORTAR: TBD
	EXTERIOR MASONRY FACE BRICK, SOLDIER COURSE, EXTRUDED YANKEE HILL, OLD FORT COLOR: RED BRICK SIZE: MODULAR MORTAR: TBD
	EXTERIOR CLADDING PACCLAD CONCEALED FASTENER METAL PANEL SYSTEM PROFILE: BOX RIB COLOR: GRAPHITE
	EXTERIOR CLADDING PACCLAD EXPOSED FASTENER METAL PANEL SYSTEM PROFILE: M-36 PANEL COLOR: GRAPHITE
	EXTERIOR DETAIL SMOOTH FIBER CEMENT TEXTURE: FLAT COLOR: CHARCOAL
	EXTERIOR DETAIL SMOOTH FIBER CEMENT, DETAIL TRIM TEXTURE: FLAT COLOR: CHARCOAL
	CANOPY METAL COMPOSITE MATERIAL (MCM) COLOR: BLACK
	COPING ALUMINUM COPING COLOR TO MATCH FC-1
	ALUMINUM STOREFRONT COLOR: BLACK GLAZING: TBD
	VINYL WINDOWS COLOR: BLACK GLAZING: TBD
NOTE: EXTERIOR LIGHT SHOWN IN ELEVATIONS: KITCHLER CYLINDER 2 LIGHT 12" TALL OUTDOOR WALL SCONCE	

EXTERIOR MATERIALS LEGEND	
	EXTERIOR MASONRY FACE BRICK, TYPICAL RUNNING BOND, EXTRUDED YANKEE HILL, OLD FORT COLOR: RED BRICK SIZE: MODULAR MORTAR: TBD
	EXTERIOR MASONRY FACE BRICK, SOLDIER COURSE, EXTRUDED YANKEE HILL, OLD FORT COLOR: RED BRICK SIZE: MODULAR MORTAR: TBD
	EXTERIOR CLADDING PACCLAD CONCEALED FASTENER METAL PANEL SYSTEM PROFILE: BOX RIB 1 COLOR: GRAPHITE
	EXTERIOR CLADDING PACCLAD EXPOSED FASTENER METAL PANEL SYSTEM PROFILE: M-36 PANEL COLOR: GRAPHITE
	EXTERIOR DETAIL SMOOTH FIBER CEMENT TEXTURE: FLAT COLOR: CHARCOAL
	EXTERIOR DETAIL SMOOTH FIBER CEMENT, DETAIL TRIM TEXTURE: FLAT COLOR: CHARCOAL
	CANOPY METAL COMPOSITE MATERIAL (MCM) COLOR: BLACK
	COPING ALUMINUM COPING COLOR TO MATCH FC-1
	ALUMINUM STOREFRONT COLOR: BLACK GLAZING: TBD
	VINYL WINDOWS COLOR: BLACK GLAZING: TBD
NOTE: EXTERIOR LIGHT SHOWN IN ELEVATIONS: KITCHLER CYLINDER 2 LIGHT 12" TALL OUTDOOR WALL SCONCE	



6 BUILDING NORTH - NORTH ELEVATION
SCALE: 1/8" = 1'-0"



5 BUILDING NORTH - WEST ELEVATION 1
SCALE: 1/8" = 1'-0"



4 BUILDING NORTH - WEST ELEVATION 2
SCALE: 1/8" = 1'-0"



3 BUILDING NORTH - SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



2 BUILDING NORTH - NORTH ELEVATION 2
SCALE: 1/8" = 1'-0"



1 BUILDING NORTH - EAST ELEVATION 1
SCALE: 1/8" = 1'-0"

EXTERIOR MATERIALS LEGEND	
	EXTERIOR MASONRY FACE BRICK, TYPICAL RUNNING BOND, EXTRUDED YANKEE HILL - OLD FORT COLOR: RED BRICK SIZE: MODULAR MORTAR: TBD
	EXTERIOR MASONRY FACE BRICK, SOLDIER COURSE, EXTRUDED YANKEE HILL - OLD FORT COLOR: RED BRICK SIZE: MODULAR MORTAR: TBD
	EXTERIOR CLADDING PACCLAD CONCEALED FASTENER METAL PANEL SYSTEM PROFILE: BOX RIB 1 COLOR: GRAPHITE
	EXTERIOR CLADDING PACCLAD EXPOSED FASTENER METAL PANEL SYSTEM PROFILE: M-36 PANEL COLOR: GRAPHITE
	EXTERIOR DETAIL SMOOTH FIBER CEMENT TEXTURE: FLAT COLOR: CHARCOAL
	EXTERIOR DETAIL SMOOTH FIBER CEMENT, DETAIL TRIM TEXTURE: FLAT COLOR: CHARCOAL
	CANOPY METAL COMPOSITE MATERIAL (MCM) COLOR: BLACK
	COPING ALUMINUM COPING COLOR TO MATCH FC-1
	ALUMINUM STOREFRONT COLOR: BLACK GLAZING: TBD
	VINYL WINDOWS COLOR: BLACK GLAZING: TBD

NOTE: EXTERIOR LIGHT SHOWN IN ELEVATIONS: KITCHLER CYLINDER
2 LIGHT 12" TALL OUTDOOR WALL SCONCE



3 TYPICAL RESIDENTIAL WINDOW DESIGN - DETROIT AVE.
SCALE: 1/4" = 1'-0"

24" TALL X 3" DEEP REVERSE CHANNEL LETTERS .090 ALUMINUM CONSTRUCTION

LETTERS ARE TO BE SECURED USING A STRUCTURE OF FABRICATED BRACKETS AND BACKING RAIL WHICH WILL MOUNT TO THE CANOPY DECKING AND ALSO PERMIT FOR THE BASE OF THE LETTERS TO BE ELEVATED TO CLEAR THE PARAPET.

FINISH TBD OR MATCH THE CANOPY COLOR

8" TALL X 5" DEEP CHARACTERS MACHINED FROM SOLID ALUMINUM ATTACHMENT WILL BE USING PIN-MOUNTED LEGS AND STAND-OFFS FINISH TBD OR MATCH THE CANOPY COLOR

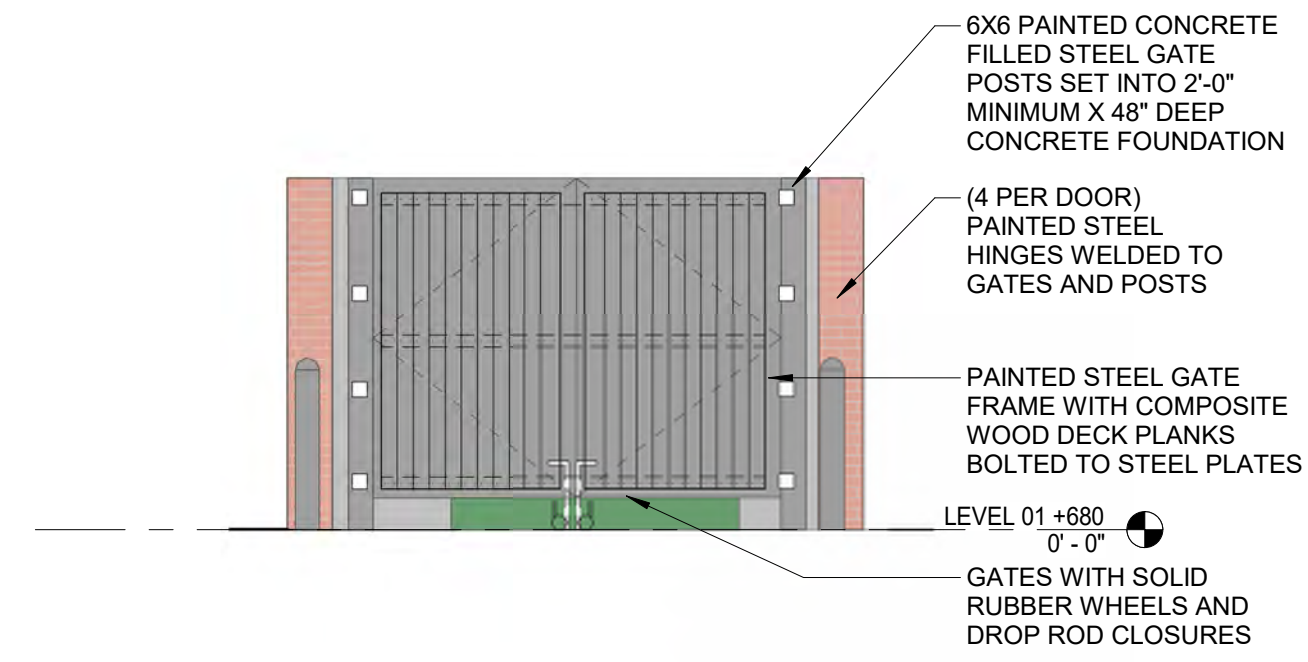


2 BUILDING NORTH - SIGNAGE
SCALE: 1/4" = 1'-0"

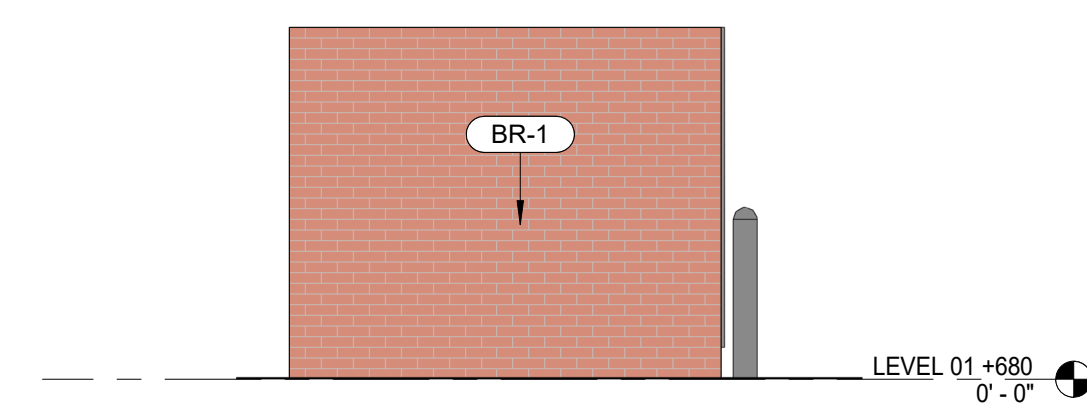
8" TALL X 5" DEEP CHARACTERS MACHINED FROM SOLID ALUMINUM ATTACHMENT WILL BE USING PIN-MOUNTED LEGS AND STAND-OFFS FINISH TBD OR MATCH THE CANOPY COLOR



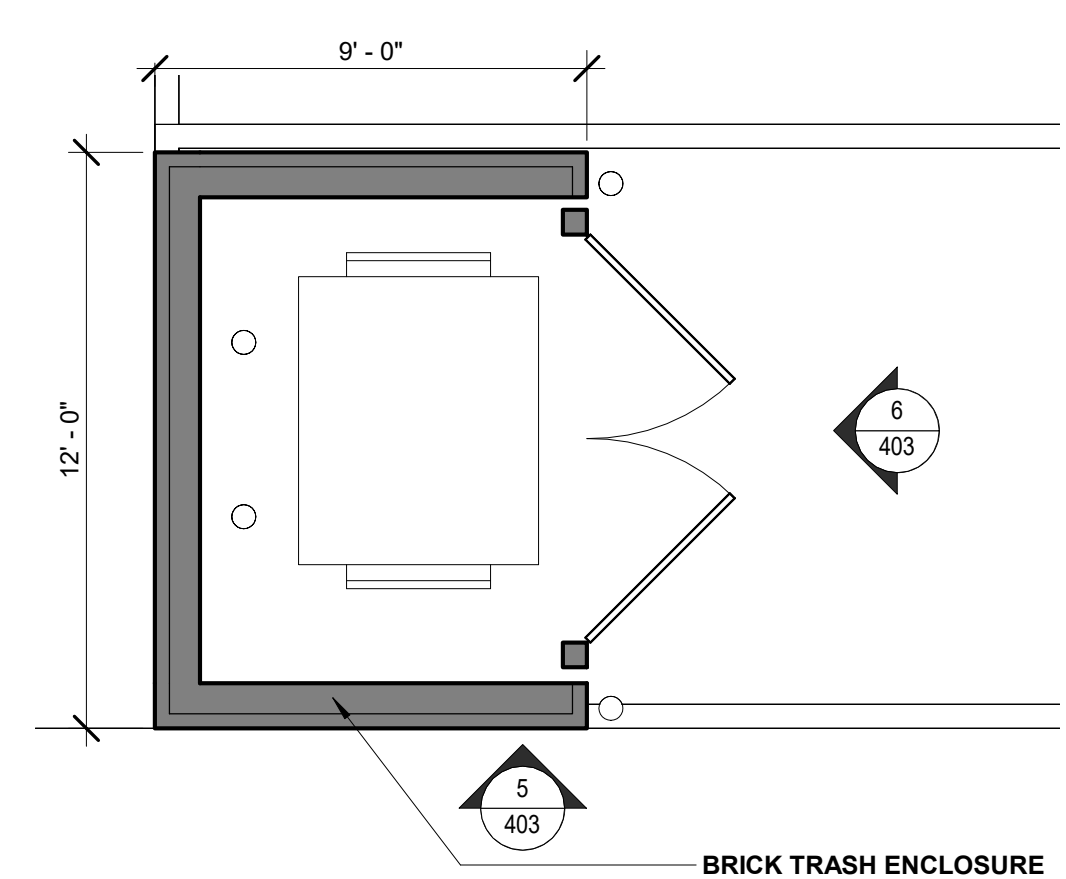
1 BUILDING SOUTH - SIGNAGE
SCALE: 1/4" = 1'-0"



6 BUILDING NORTH - TRASH ENCLOSURE ELEVATION
SCALE: 1/4" = 1'-0"



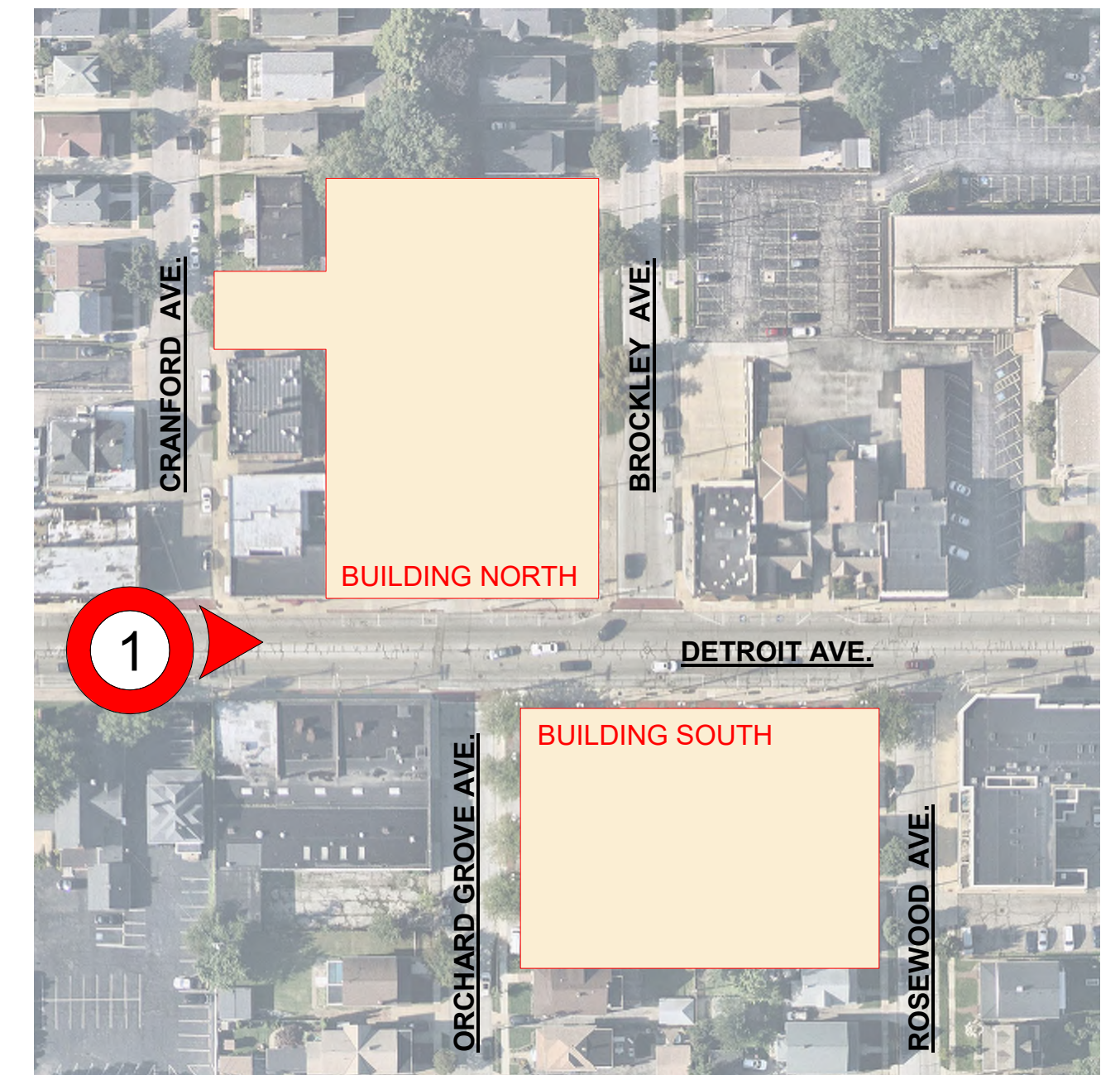
5 BUILDING NORTH - TRASH ENCLOSURE ELEVATION
SCALE: 1/4" = 1'-0"



4 BUILDING NORTH - TRASH ENCLOSURE PLAN
SCALE: 1/4" = 1'-0"



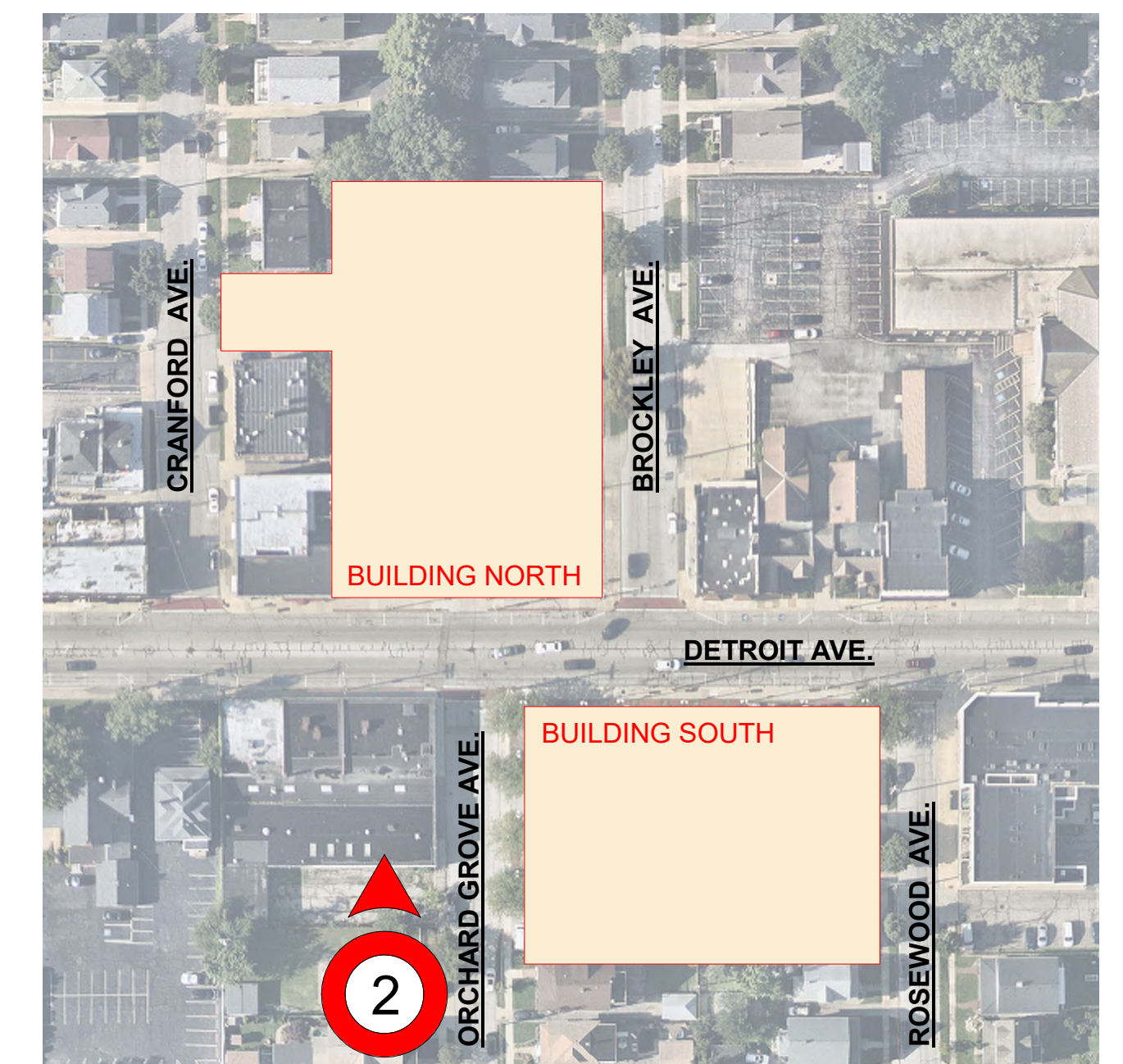
1. BUILDING NORTH & SOUTH - CORNER OF DETROIT AVENUE & CRANFORD AVENUE



1 EXISTING CONTEXT LOCATION MAP
SCALE: 1/2" = 1'-0"



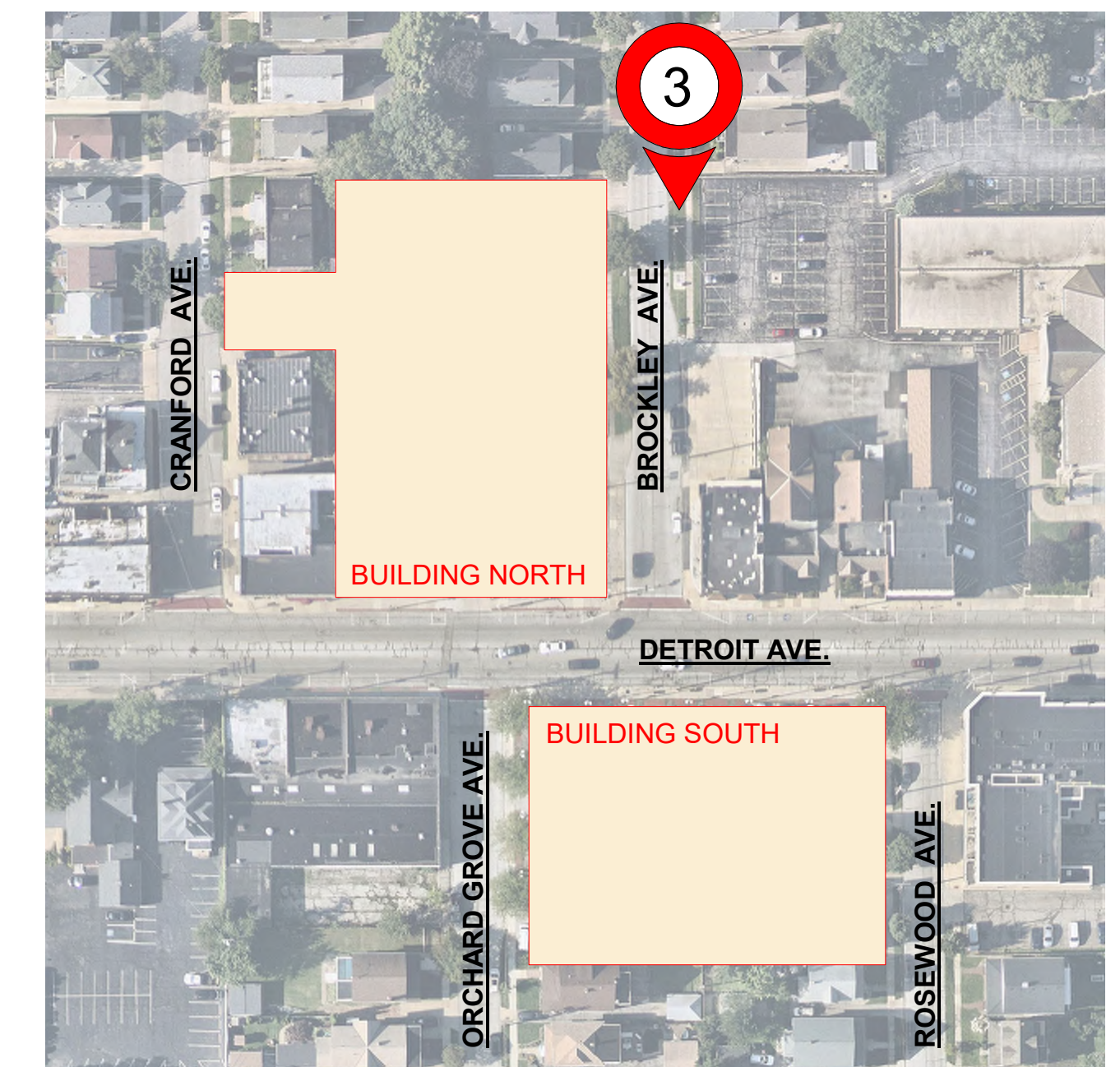
2. BUILDING NORTH & SOUTH - ORCHARD GROVE AVENUE LOOKING NORTH



1 EXISTING CONTEXT LOCATION MAP
SCALE: 1/2" = 1'-0"



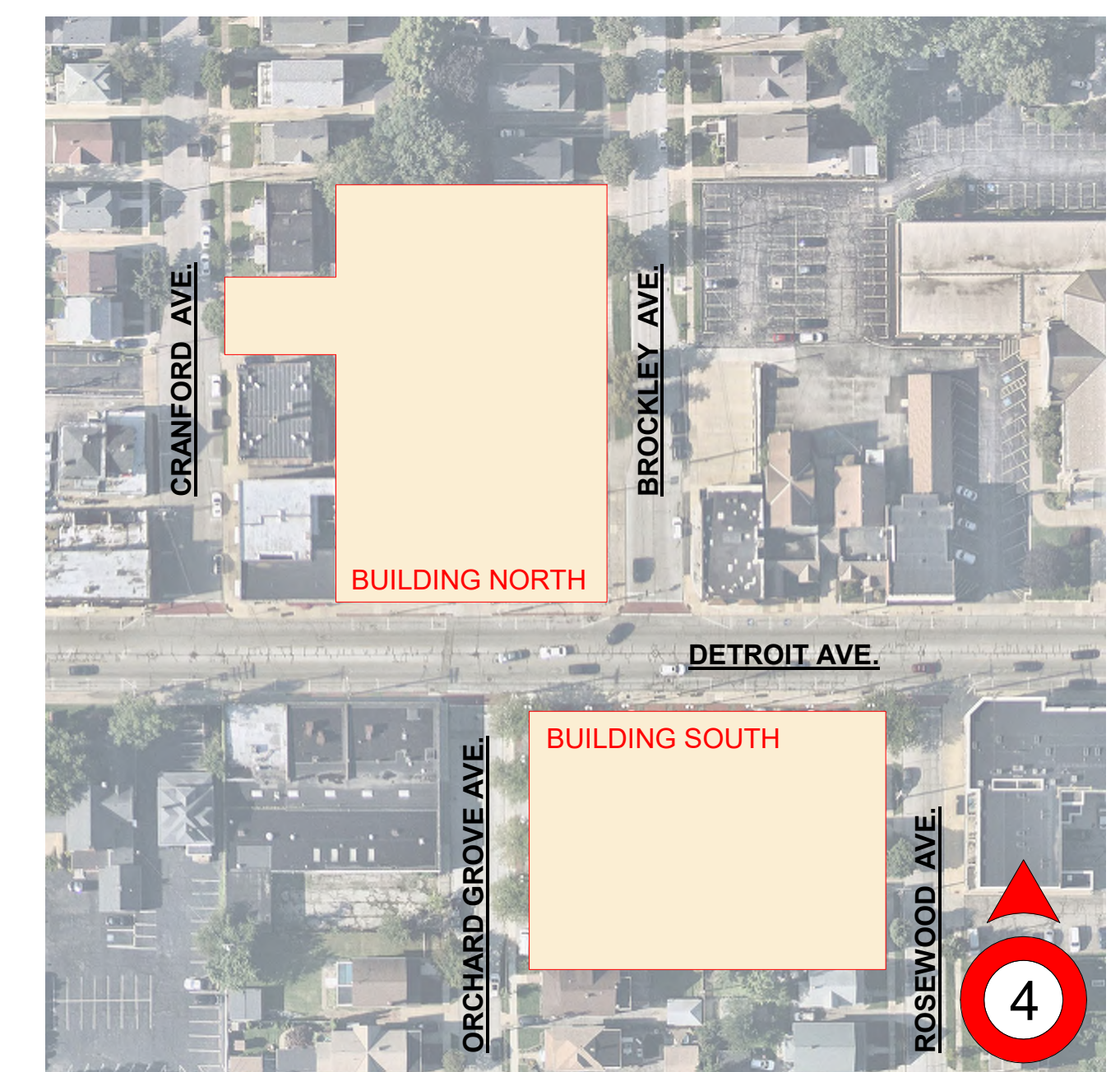
3. BUILDING NORTH & SOUTH - BROCKLEY AVENUE LOOKING NORTH



1 EXISTING CONTEXT LOCATION MAP
SCALE: 1/2" = 1'-0"



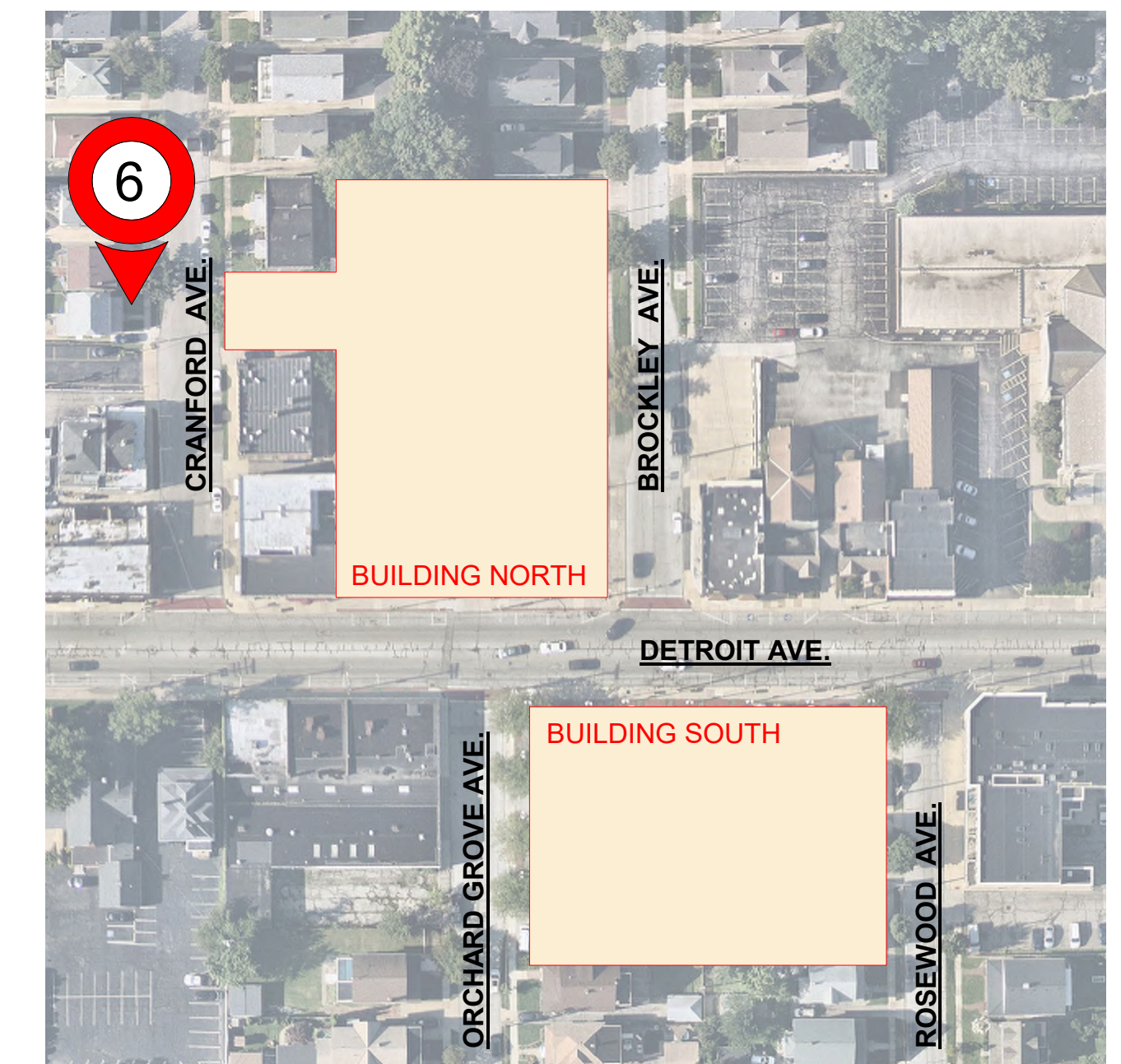
4. BUILDING SOUTH - ROSEWOOD AVENUE LOOKING NORTH



1 EXISTING CONTEXT LOCATION MAP
SCALE: 1/2" = 1'-0"



6. BUILDING NORTH - CRANFORD AVENUE LOOKING SOUTH

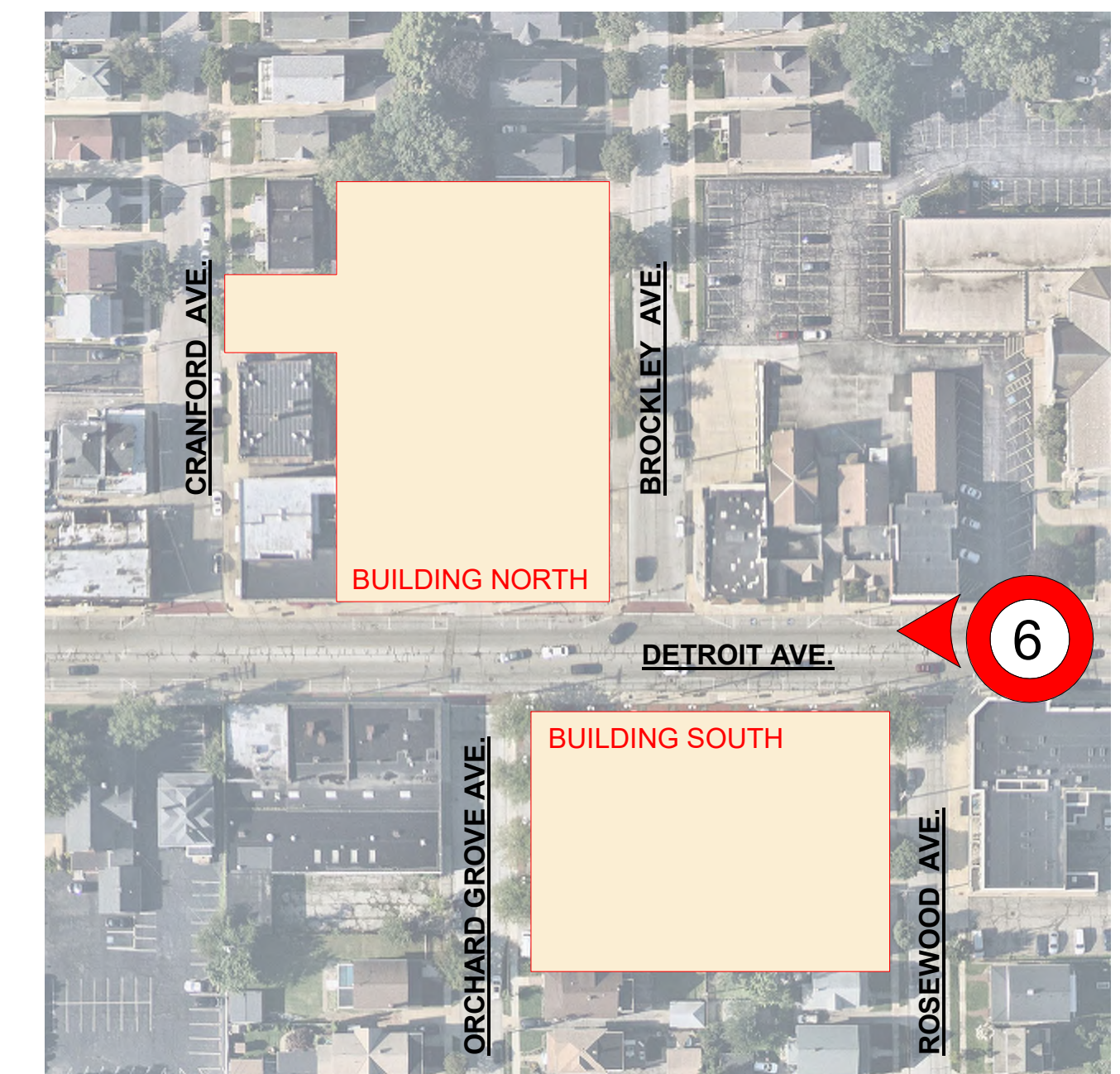


1 EXISTING CONTEXT LOCATION MAP
SCALE: 1/2" = 1'-0"





5. BUILDING NORTH & SOUTH - INTERSECTION OF ROSEWOOD AVENUE & DETROIT AVENUE



1 EXISTING CONTEXT LOCATION MAP
SCALE: 1/2" = 1'-0"



BUILDING SOUTH - WEST PERSPECTIVE



BUILDING SOUTH - SOUTH PERSPECTIVE



BUILDING NORTH - SOUTH ELEVATION



BUILDING NORTH - CORNER OF DETROIT AVENUE AND BROCKLEY AVENUE



BUILDING NORTH - VIEW LOOKING SOUTH ON BROCKLEY AVENUE



BUILDING NORTH - NORTHWEST PERSPECTIVE



**BOARD OF BUILDING STANDARDS
ARCHITECTURAL REVIEW BOARD
SIGN REVIEW BOARD**

12650 Detroit Avenue • (216) 529-6630 • FAX (216) 529-5907 • www.lakewoodoh.gov

Application Cover Page

Docket No.: 06-58-24 *

Permit No.: BBS24-000063

Applicant Name: Susan Broadwater, Beegan Architectural Design

Project Address: Irene & Donald Ave.

Project Name:

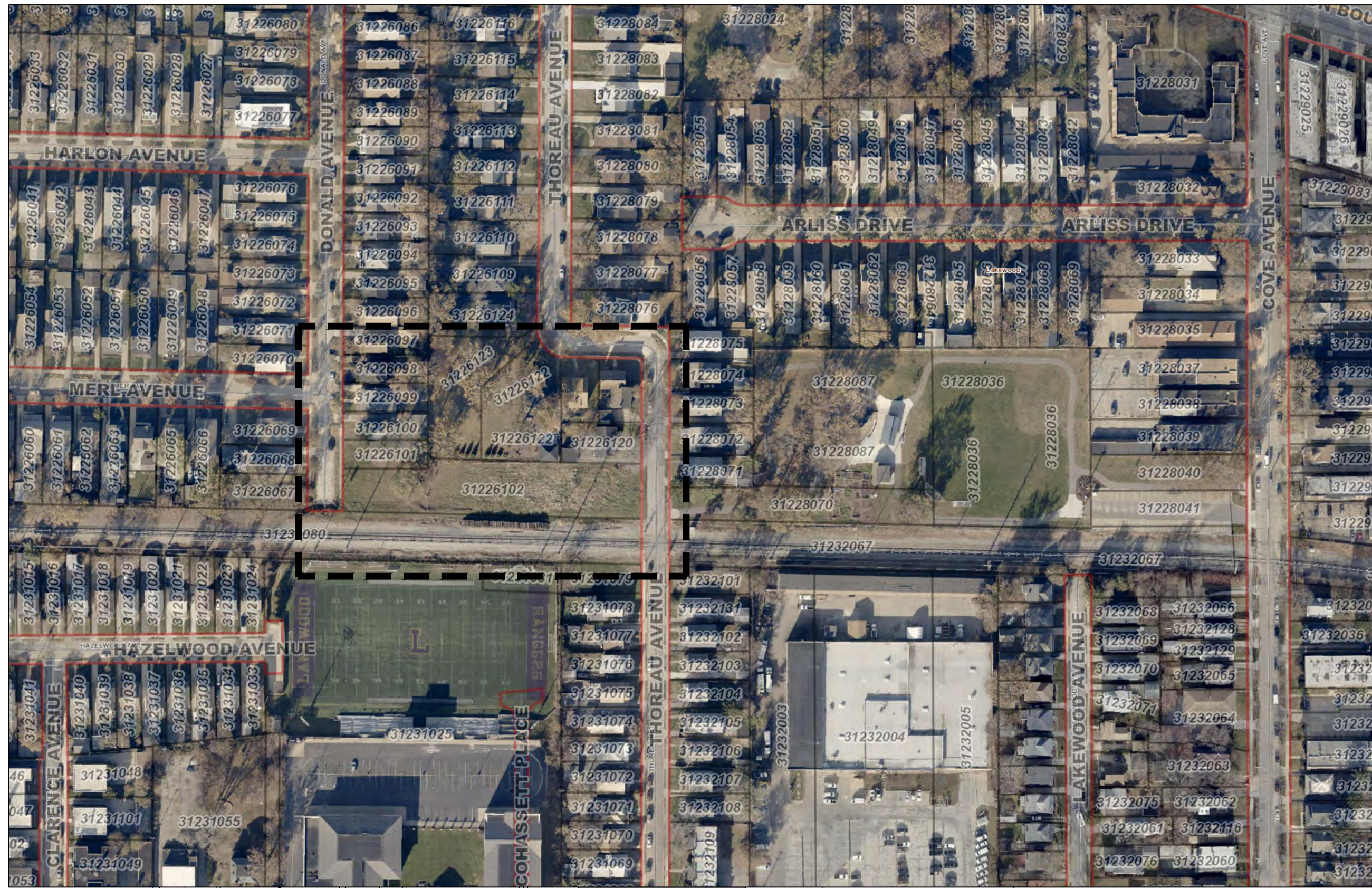
Project: Applicant proposes a planned development consisting of seven townhouse units and three single-family houses. *This is for discussion only; no ruling will be made, design feedback only.

From: [Adam Conen](#)
To: susan.beegan-ad.com
Subject: Donald and Thoreau Development
Date: Wednesday, May 22, 2024 11:52:06 AM

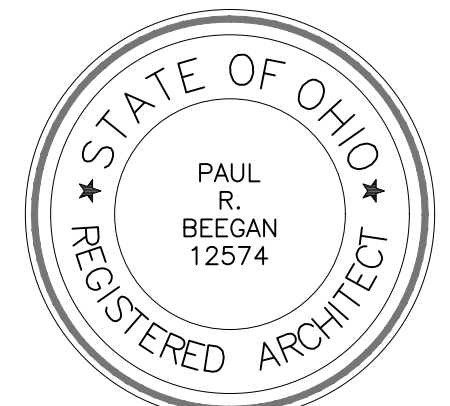
Hi Susan – Please use this email as authorization for the City of Lakewood to access the property.

Thanks,

Adam Conen
Hilane Realty
(847) 942-1762



ISSUE	DATE	DESCRIPTION
1	05.20.24	schematic design



PAUL R. BEEGAN, LICENSE #12574
EXPIRATION DATE: 12.31.2025

BEEGAN

ARCHITECTURAL DESIGN

15703 MADISON AVENUE
LAKEWOOD, OHIO 44107
WWW.BEEGAN-AD.COM

216.521.9000 PHONE
216.916.4591 FAX
PAUL@BEEGAN-AD.COM

project no. 23-075

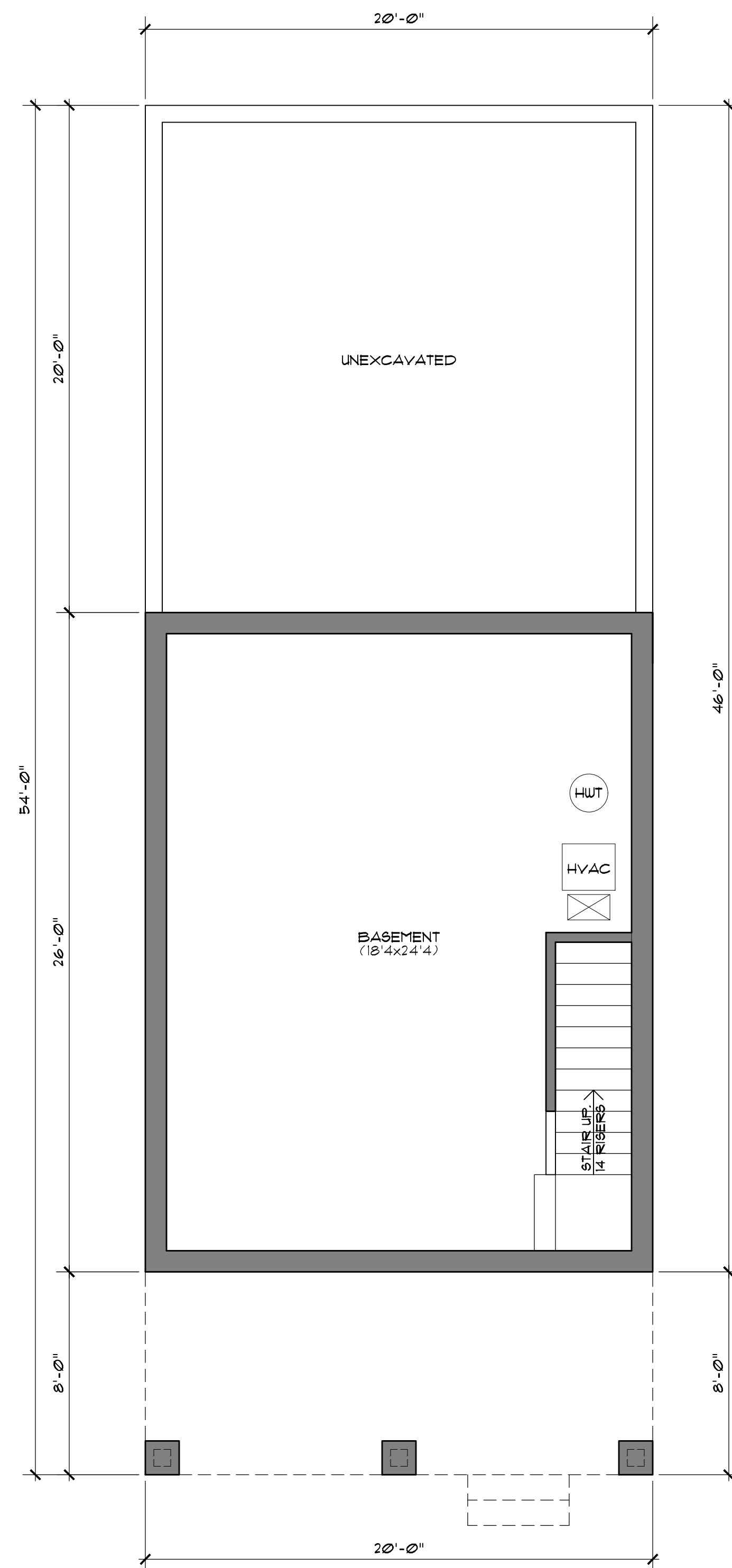
Hilane Realty
Donald & Thoreau
Development

ppn 312-26-102
lakewood, oh 44107

Architectural Site Plan

A0

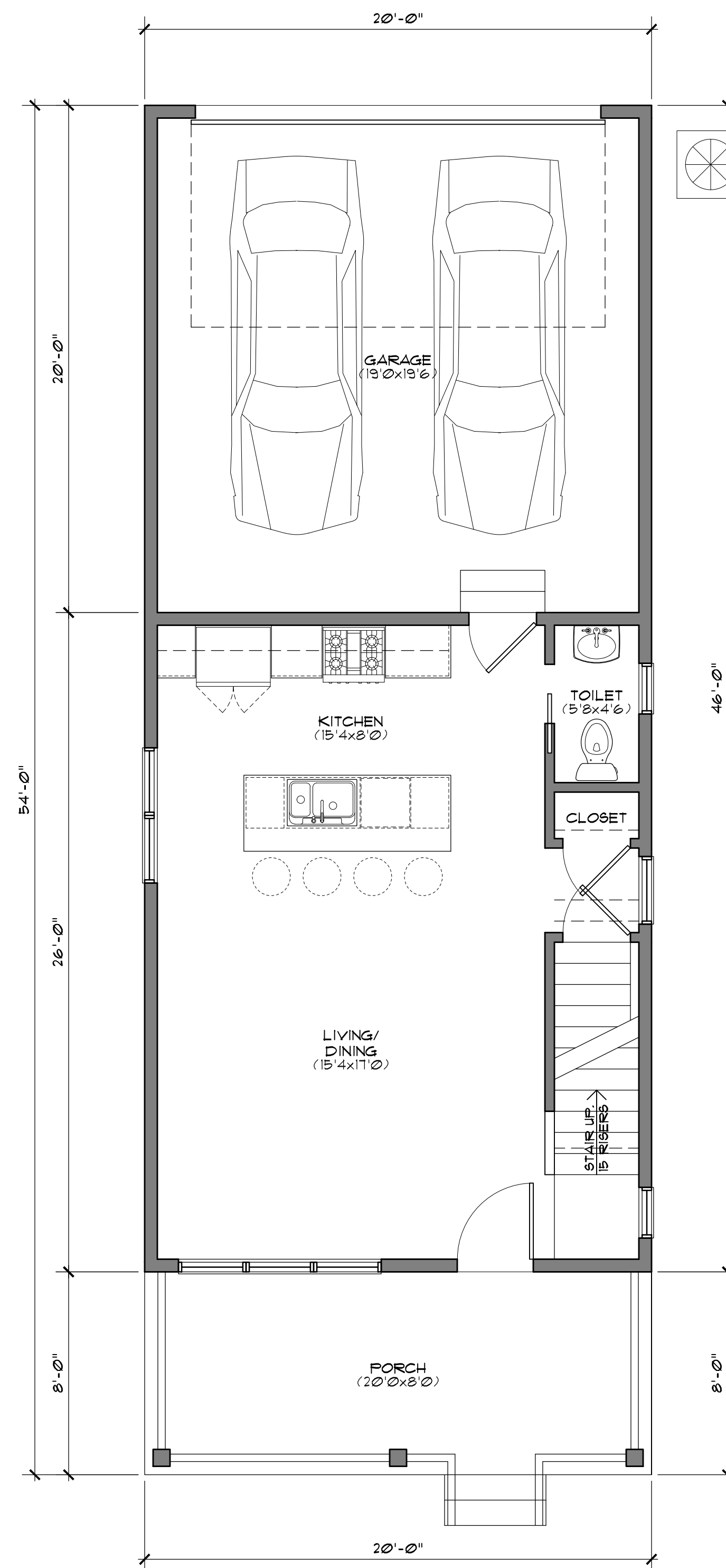
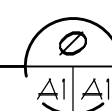
ISSUE	DATE	DESCRIPTION
1	05.20.24	schematic design



AREA SUMMARY:
BASEMENT 446 NSF

BASEMENT PLAN

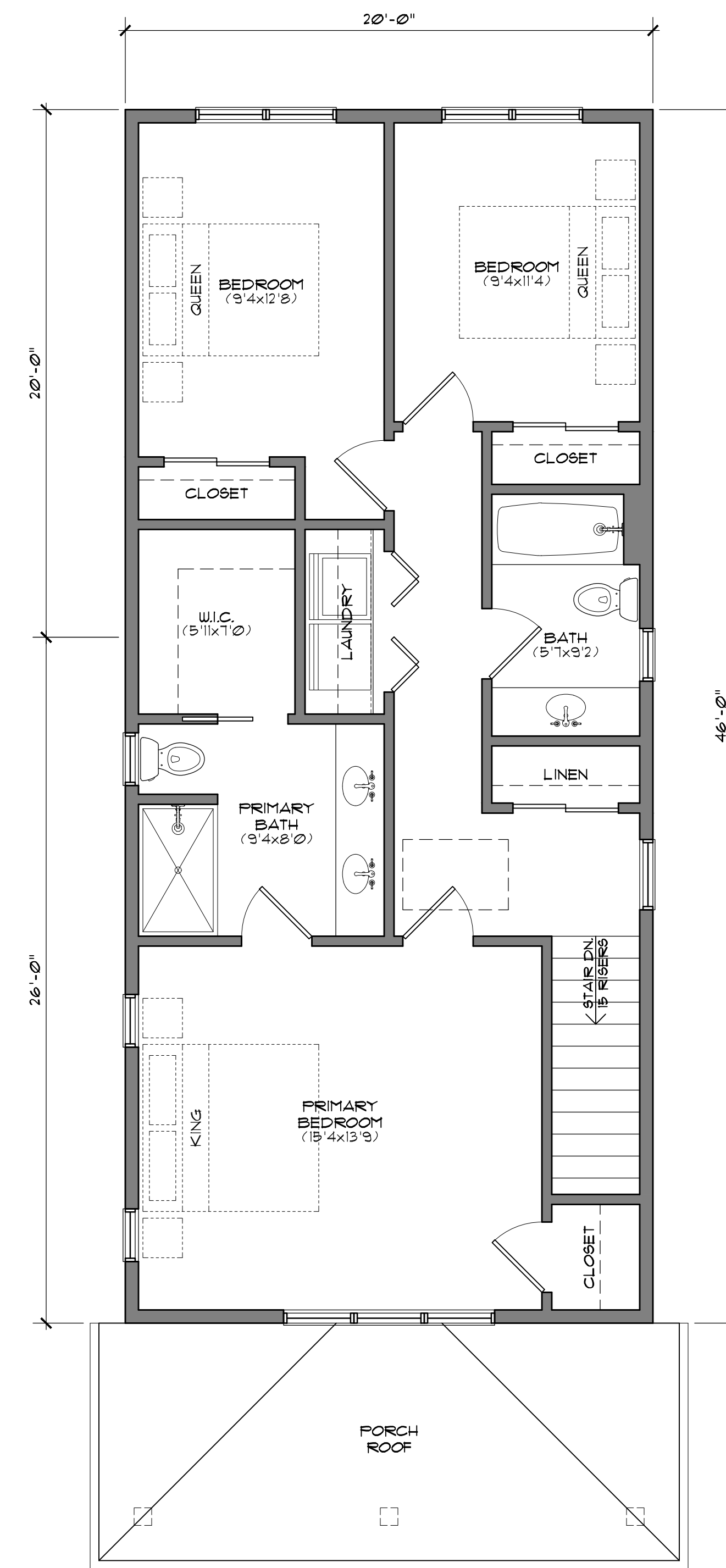
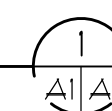
1/4" = 1'-0"



AREA SUMMARY:
1ST FLOOR 520 GSF / 415 NSF
GARAGE 400 GSF

1ST FLOOR PLAN

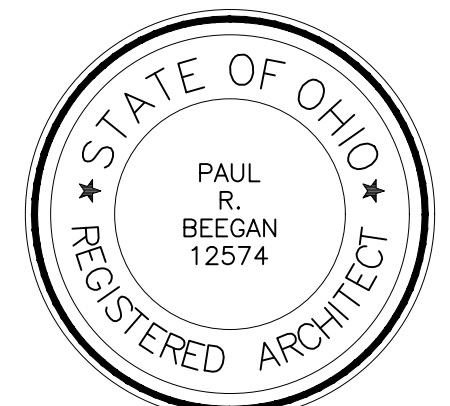
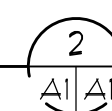
1/4" = 1'-0"



AREA SUMMARY:
2ND FLOOR 920 GSF / 855 NSF

2ND FLOOR PLAN

1/4" = 1'-0"



PAUL R. BEGAN, LICENSE #12574
EXPIRATION DATE: 12.31.2025

BEEGAN

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216.916.4591 FAX
PAUL@BEEGAN-AD.COM

project no. 23-075

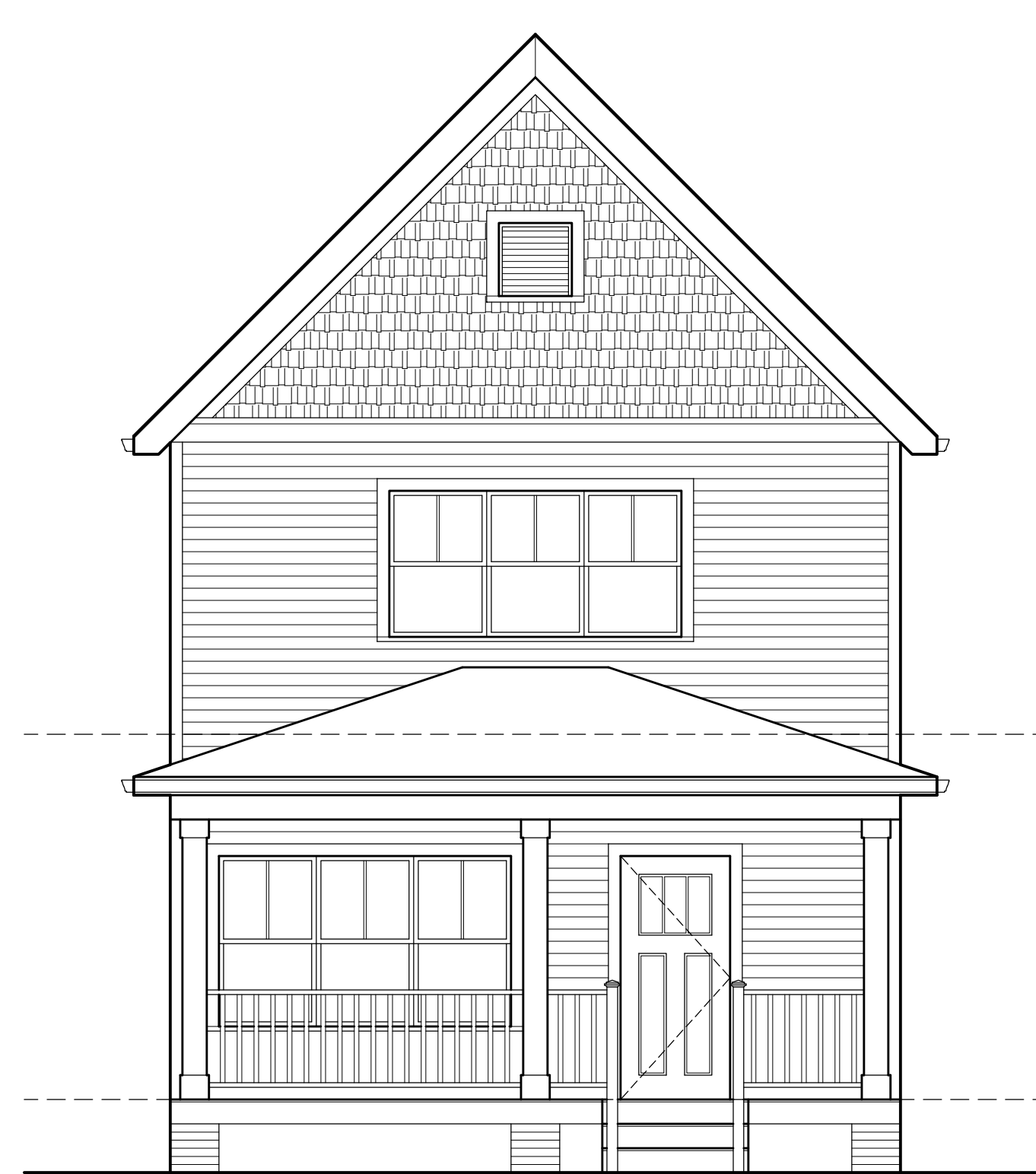
Hilane Realty
Donald & Thoreau
Development

ppn 312-26-102
lakewood, oh 44107

Single-Family Houses
Floor Plans

A1

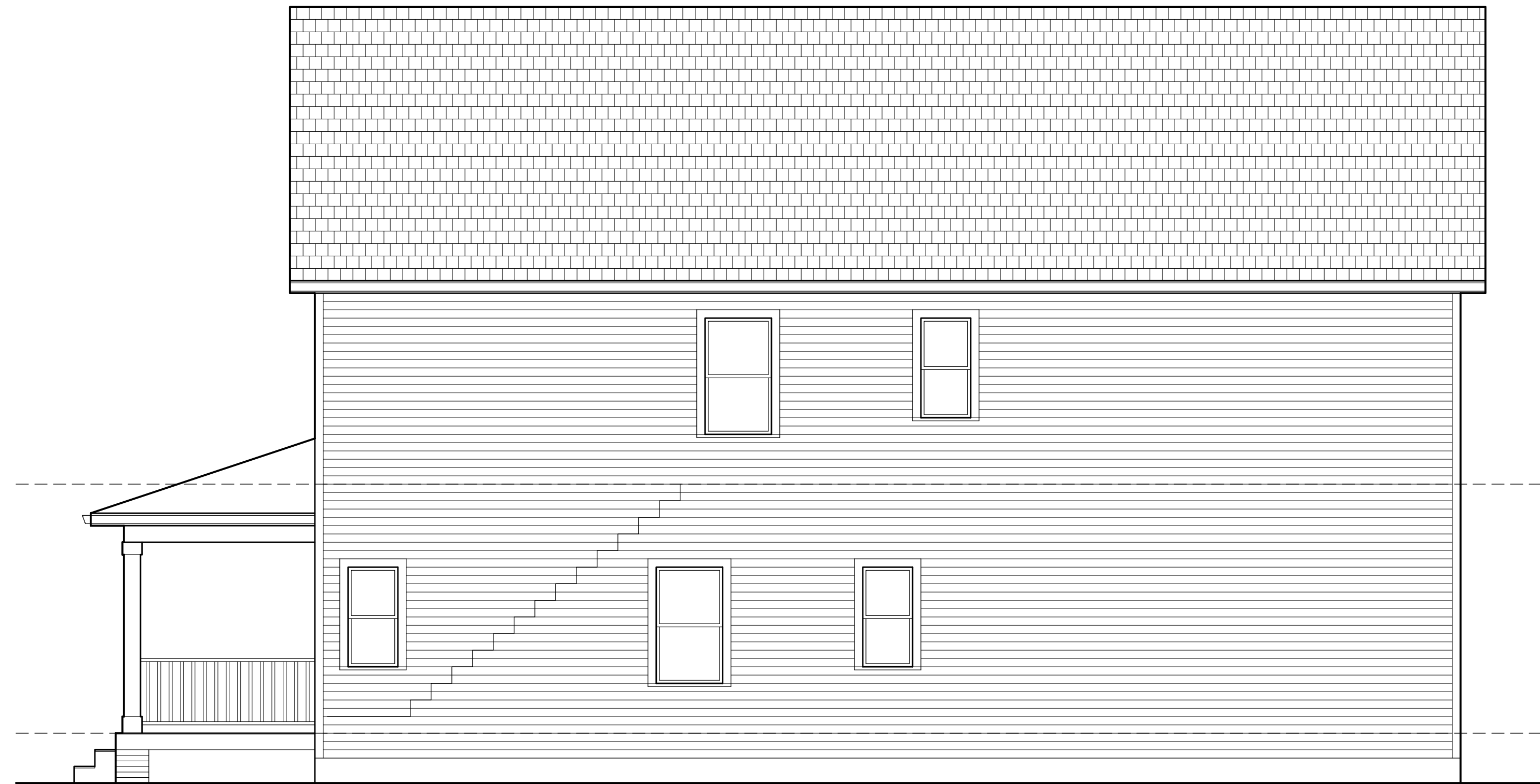
ISSUE	DATE	DESCRIPTION
1	05.20.24	schematic design



- TOP OF ROOF
ELEV. 31'-2"
- MEDIAN ROOF
ELEV. 25'-8"
- ROOF EAVE
ELEV. 20'-2"
- 2ND FLOOR
ELEV. 12'-0"
- 1ST FLOOR
ELEV. 2'-8"
- GRADE
ELEV. 0'-0"

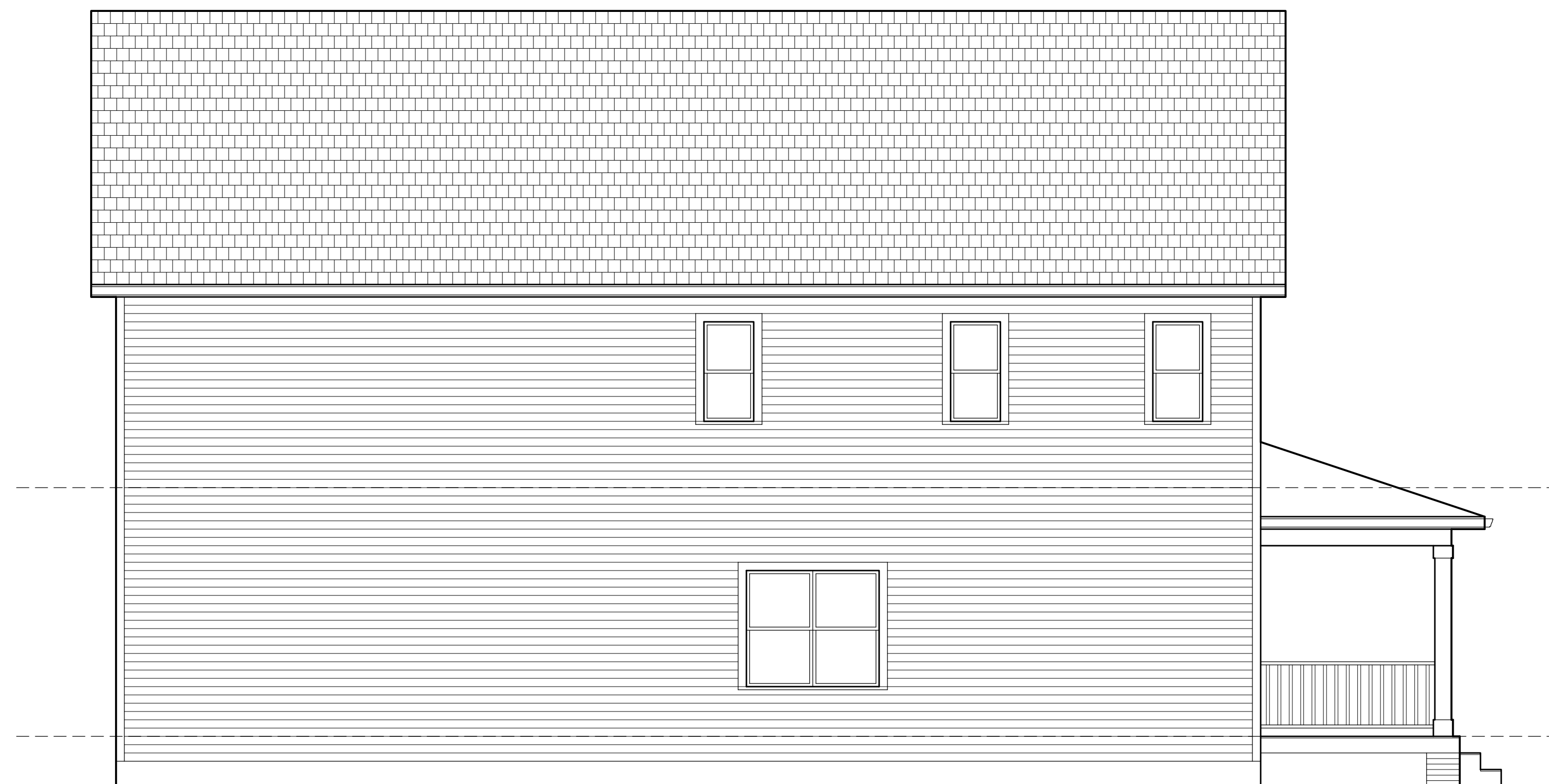
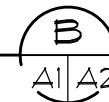
FRONT ELEVATION

1/4" = 1'-0"



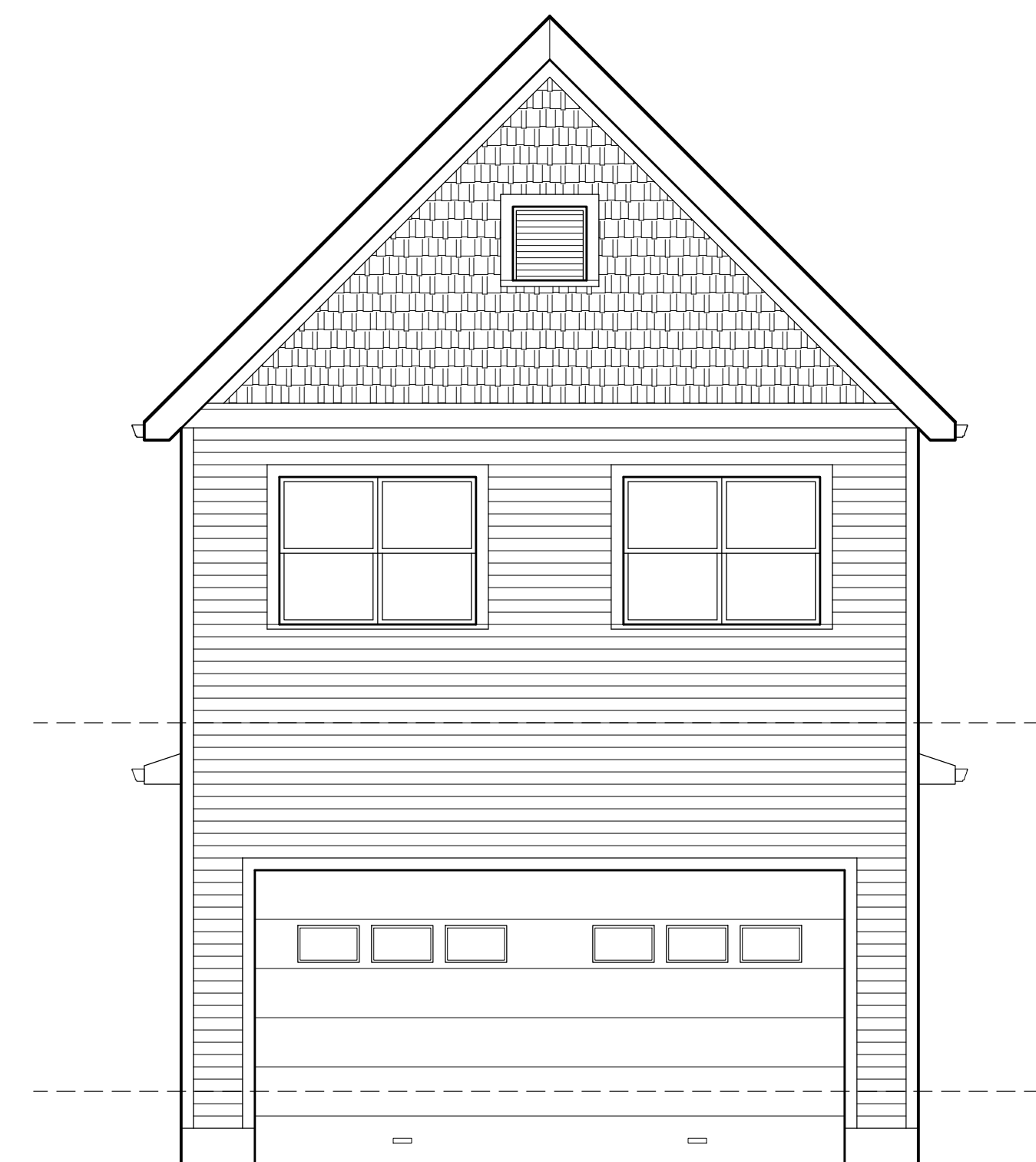
RIGHT SIDE ELEVATION

1/4" = 1'-0"



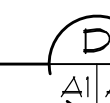
LEFT SIDE ELEVATION

1/4" = 1'-0"

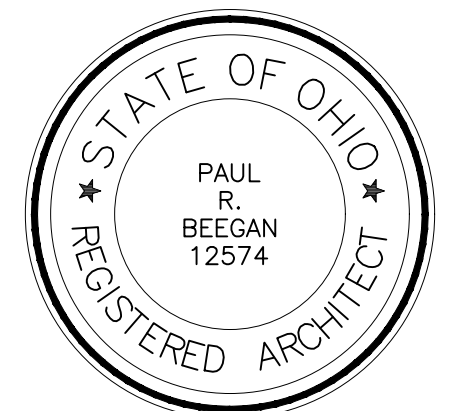


REAR ELEVATION

1/4" = 1'-0"



- TOP OF ROOF
ELEV. 31'-2"
- MEDIAN ROOF
ELEV. 25'-8"
- ROOF EAVE
ELEV. 20'-2"
- 2ND FLOOR
ELEV. 12'-0"
- 1ST FLOOR
ELEV. 2'-8"
- GRADE
ELEV. 0'-0"



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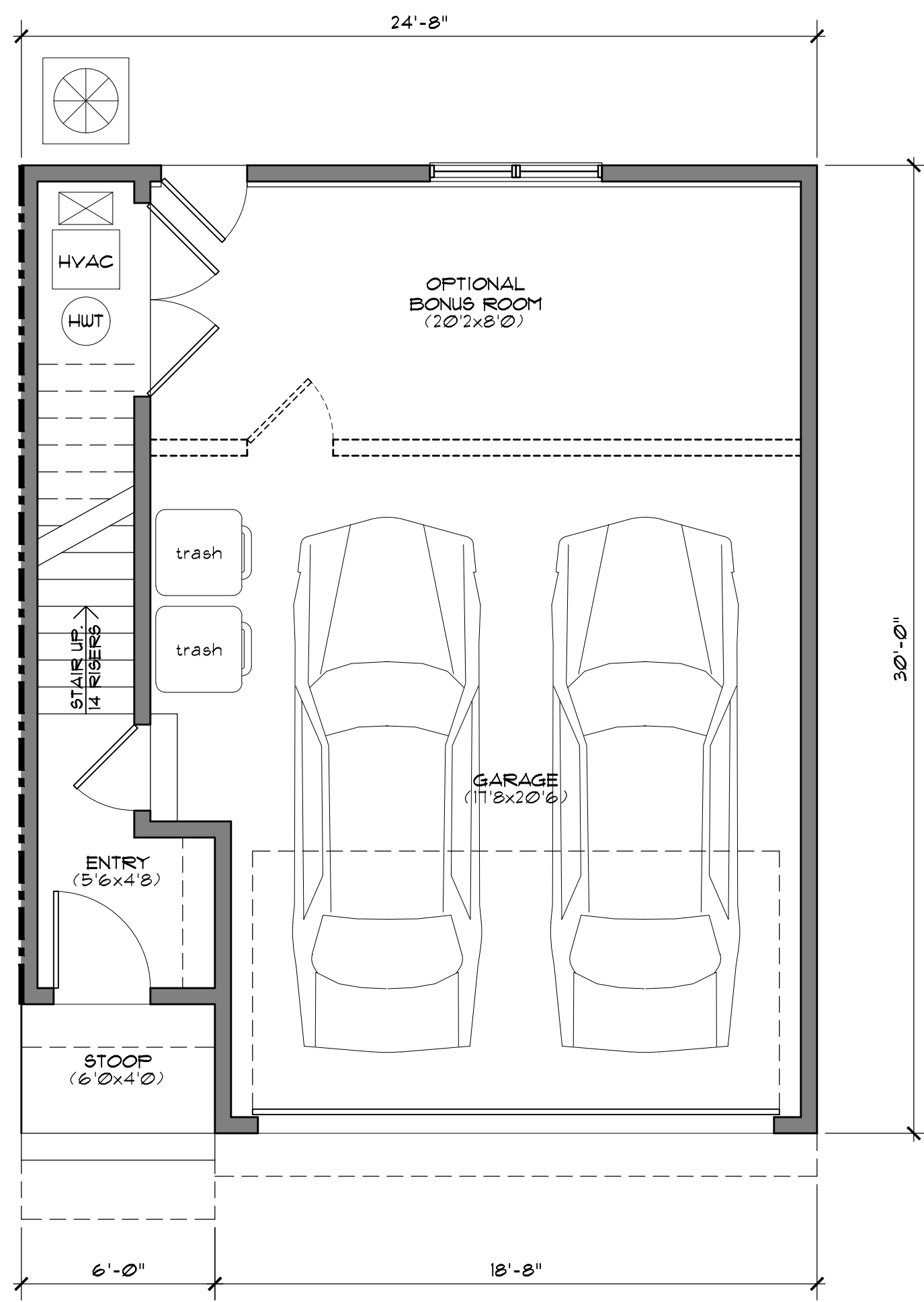
project no. 23-075

Hilane Realty
**Donald & Thoreau
Development**

ppn 312-26-102
lakewood, oh 44107

Single-Family Houses
Exterior Elevations

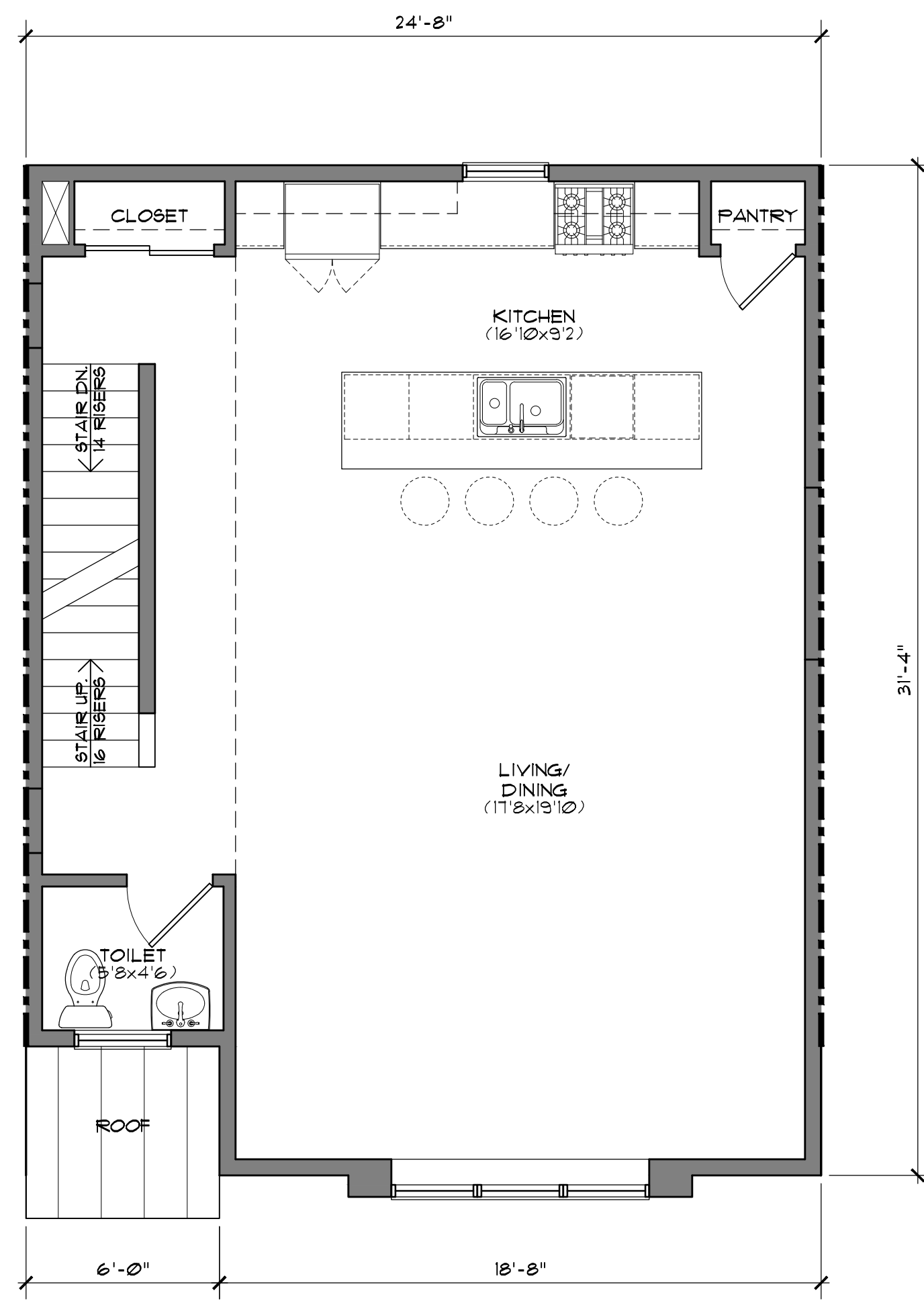
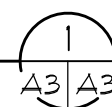
A2



UNIT #2 AREA SUMMARY:
 1ST FLOOR (NO BONUS ROOM) 120 GSF / 07 N9F
 1ST FLOOR (WITH BONUS ROOM) 306 GSF / 253 N9F

1ST FLOOR PLAN

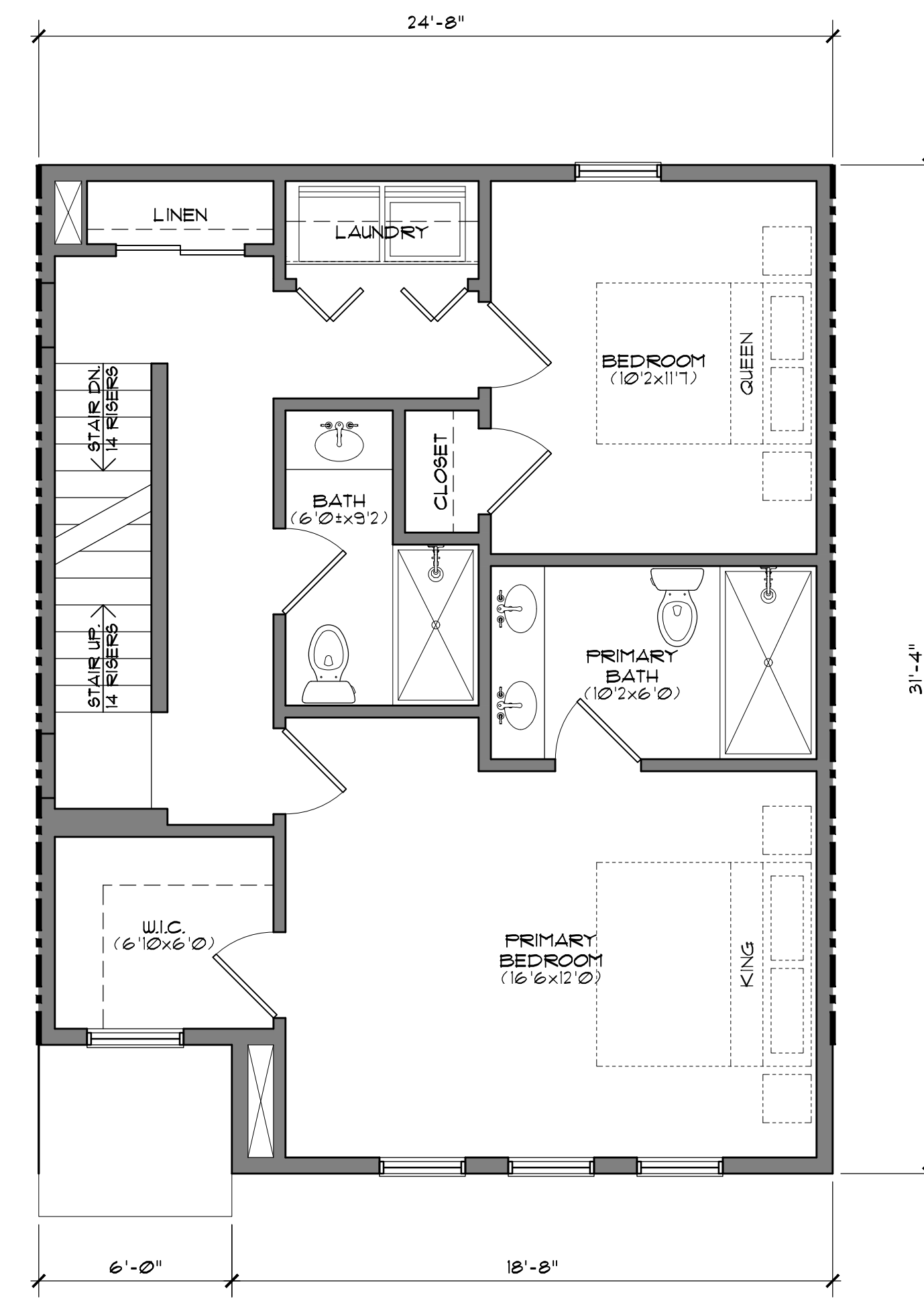
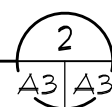
1/4" = 1'-0"



UNIT #2 AREA SUMMARY:
 2ND FLOOR 123 GSF / 666 N9F

2ND FLOOR PLAN

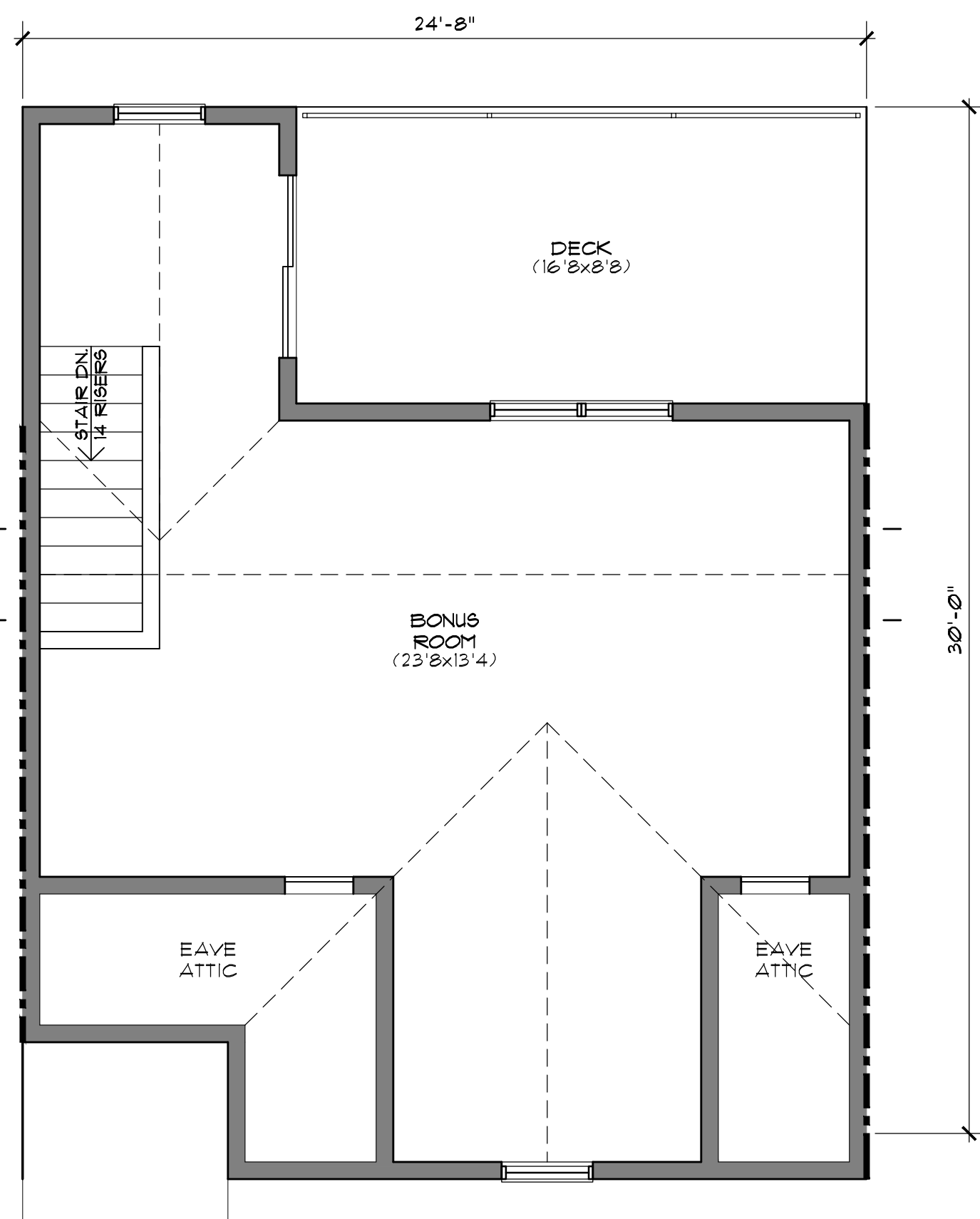
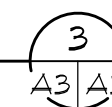
1/4" = 1'-0"



UNIT #2 AREA SUMMARY:
 3RD FLOOR 123 GSF / 666 N9F

3RD FLOOR PLAN

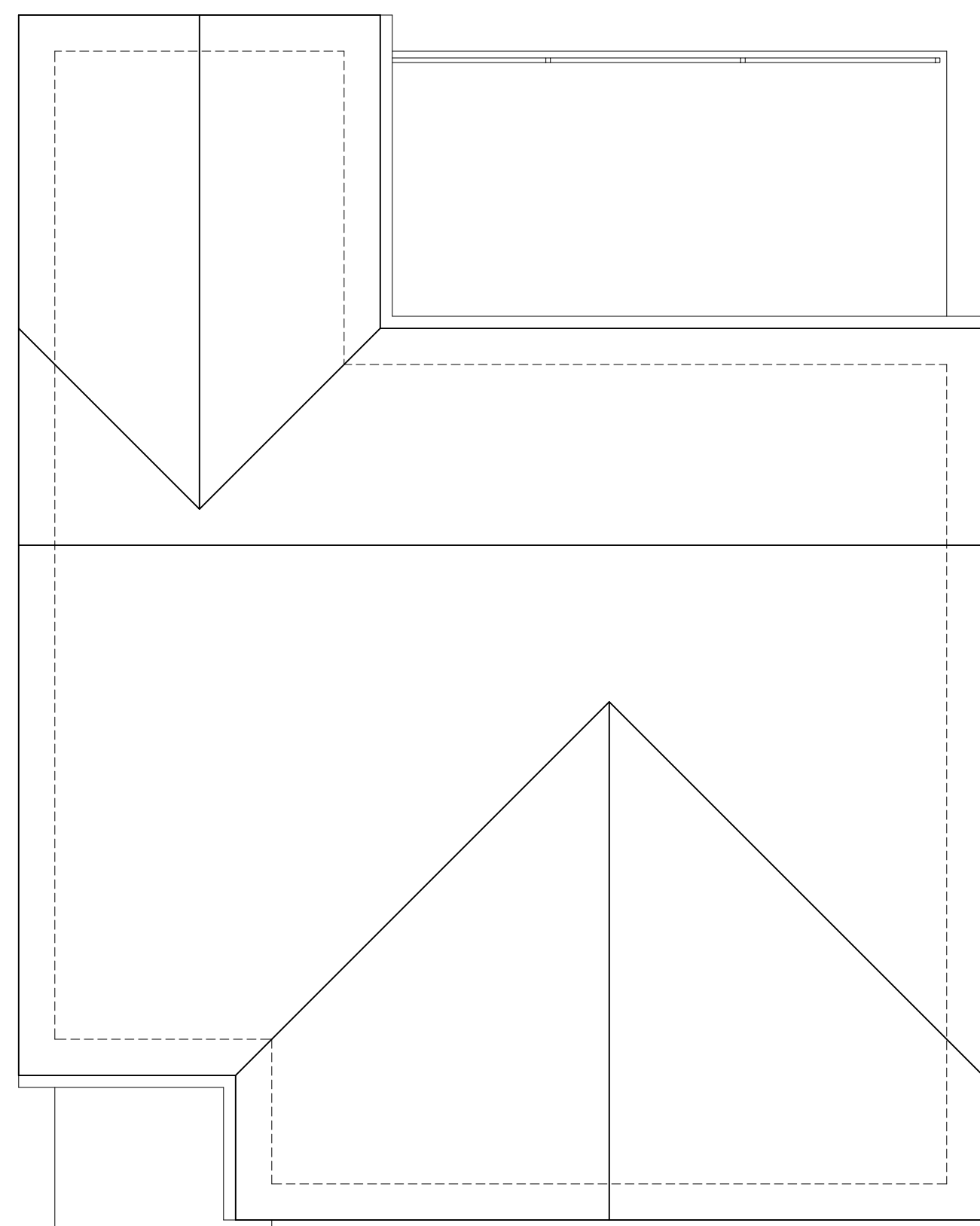
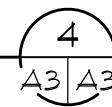
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UNIT #2 AREA SUMMARY:
 4TH FLOOR 412 GSF / 422 N9F

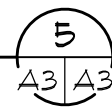
ATTIC PLAN

1/4" = 1'-0"

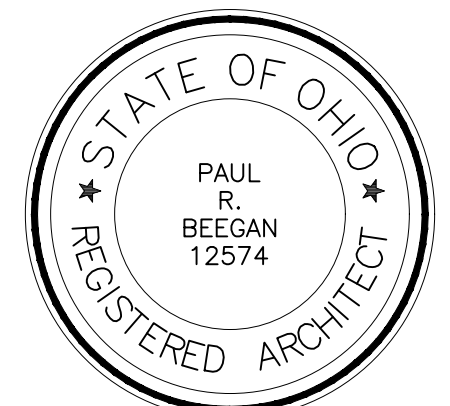


ROOF PLAN

1/4" = 1'-0"



ISSUE	DATE	DESCRIPTION
1	05.20.24	schematic design



PAUL R. BEGAN, LICENSE #12574
 EXPIRATION DATE: 12.31.2025

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 216.916.4591 FAX PAUL@BEEGAN-AD.COM

project no. 23-075

Hilane Realty
Donald & Thoreau
 Development

ppn 312-26-102
 lakewood, oh 44107

Townhouses
 Floor Plans

A3

ISSUE	DATE	DESCRIPTION
1	05.20.24	schematic design

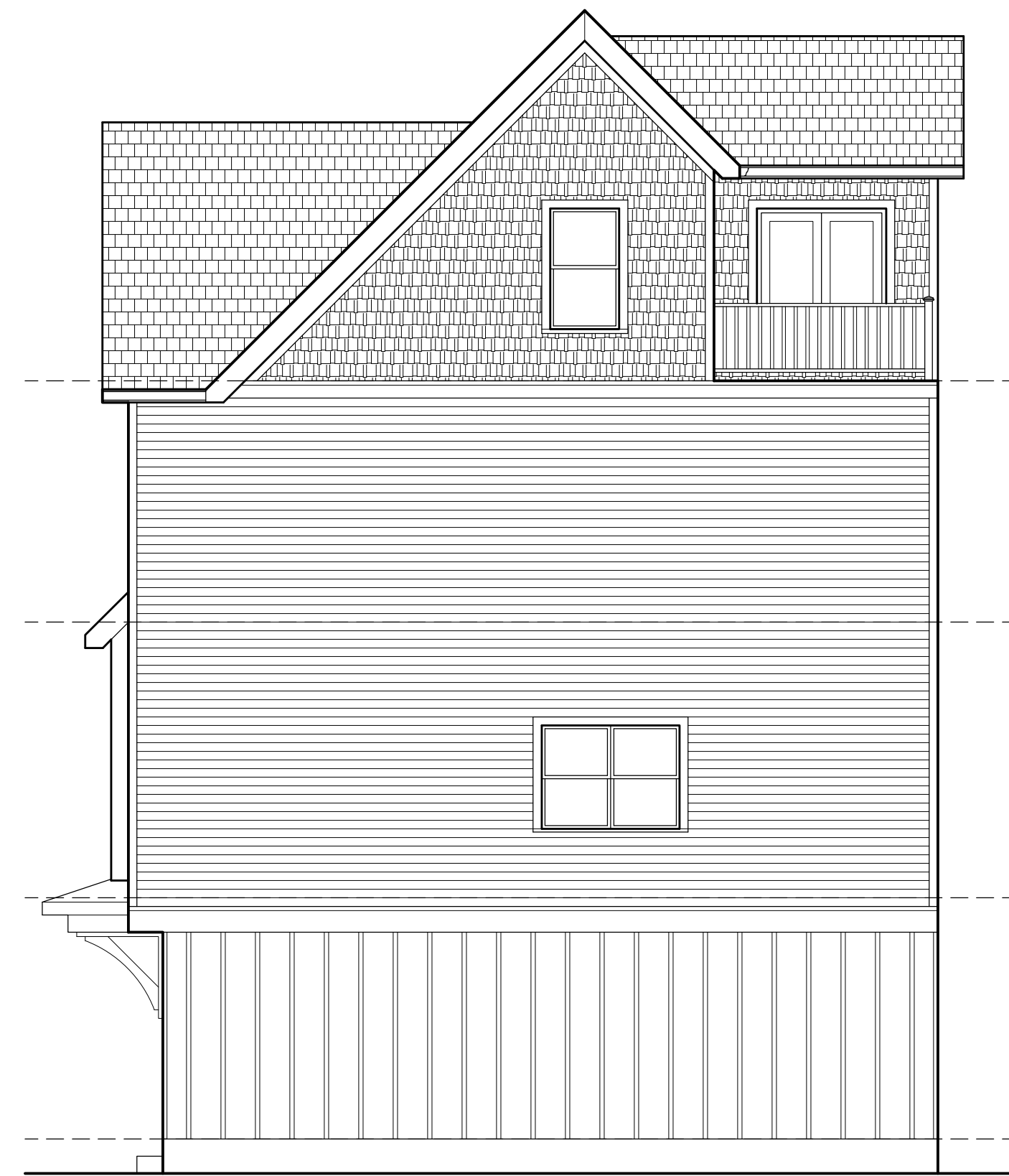


FRONT ELEVATION

3/16" = 1'-0"

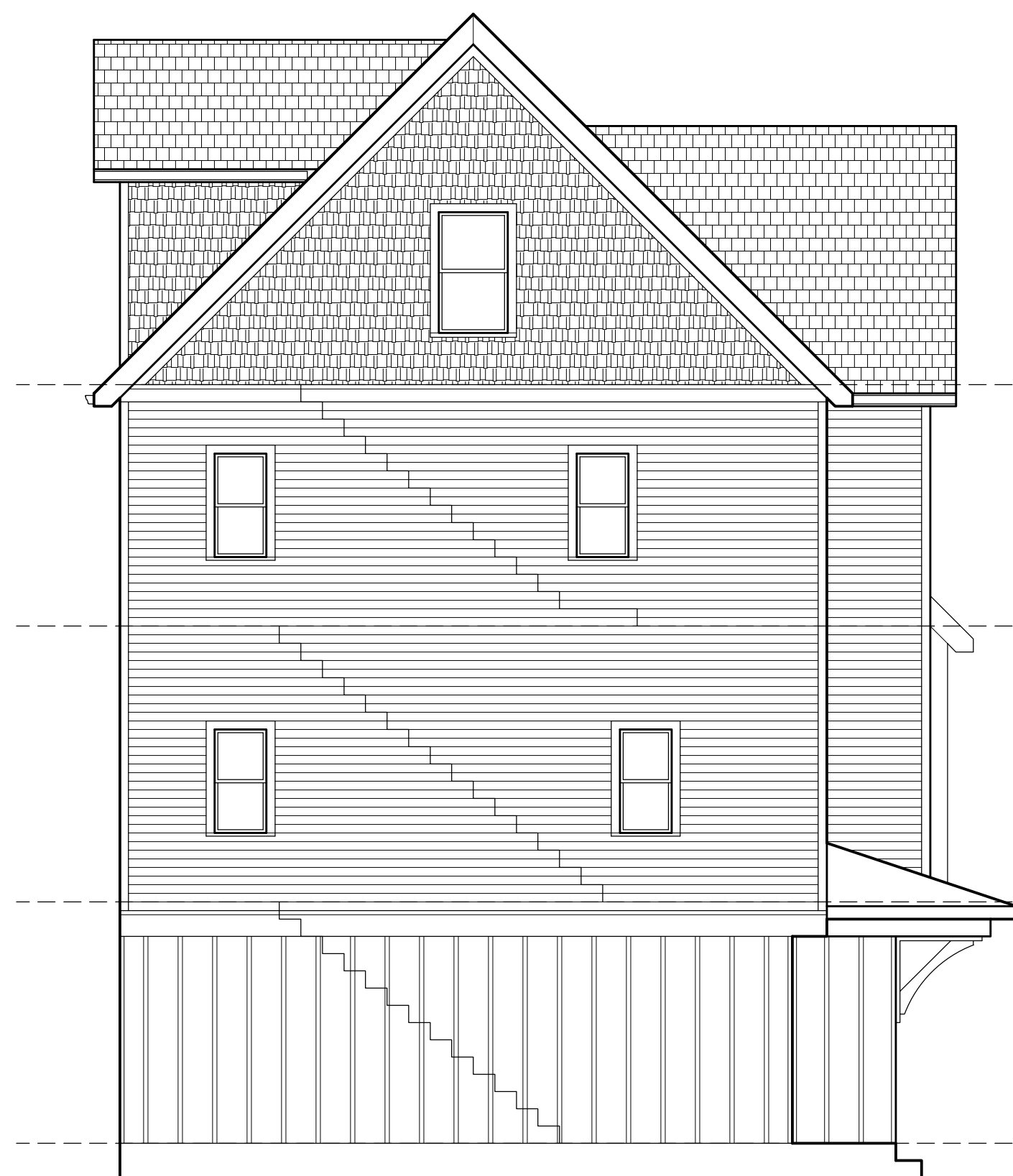


- TOP OF ROOF
ELEV. 45'-0"
- MEDIAN ROOF
ELEV. 37'-8"
- MEDIAN ROOF
ELEV. 35'-6"
- ATTIC LEVEL
ELEV. 30'-8"
- 3RD FLOOR
ELEV. 27'-4"
- 2ND FLOOR
ELEV. 10'-8"
- 1ST FLOOR
ELEV. 7'-4"
- GRADE
ELEV. 0'-0"



RIGHT SIDE ELEVATION

3/16" = 1'-0"



LEFT SIDE ELEVATION

3/16" = 1'-0"

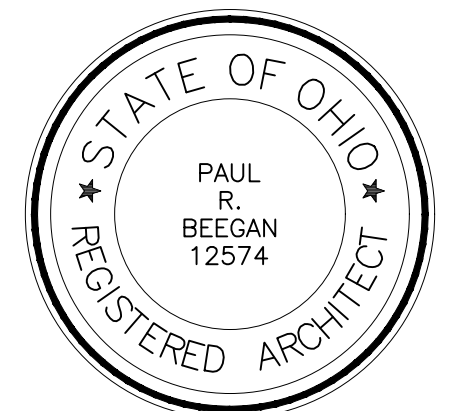


- TOP OF ROOF
ELEV. 45'-0"
- MEDIAN ROOF
ELEV. 37'-8"
- MEDIAN ROOF
ELEV. 35'-6"
- ATTIC LEVEL
ELEV. 30'-8"
- 3RD FLOOR
ELEV. 27'-4"
- 2ND FLOOR
ELEV. 10'-8"
- 1ST FLOOR
ELEV. 7'-4"
- GRADE
ELEV. 0'-0"



REAR ELEVATION

3/16" = 1'-0"



PAUL R. BEEGAN, LICENSE #12574
EXPIRATION DATE: 12.31.2025

BEEGAN
ARCHITECTURAL DESIGN

15703 MADISON AVENUE
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project no. 23-075

Hilane Realty
Donald & Thoreau
Development

ppn 312-26-102
lakewood, oh 44107

Townhouses
Exterior Elevations

A4



RENDERING FROM WEST
N.T.S.



RENDERING TO EAST
N.T.S.

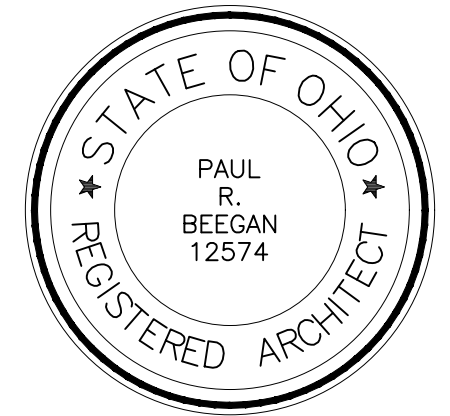


RENDERING TO WEST
N.T.S.



RENDERING FROM EAST
N.T.S.

ISSUE	DATE	DESCRIPTION
1	05.20.24	schematic design



PAUL R. BEGAN, LICENSE #12574
EXPIRATION DATE: 12.31.2025

BEEGAN

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Townhouses
Project Renderings

A5