



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

PRE-REVIEW MEETING
CITY OF LAKEWOOD
12650 DETROIT AVENUE

ZOOM LINK: <https://us06web.zoom.us/j/87342514021?pwd=cMkOjeyHppJ9kpPs0aw5SPNYmtirth.1>

Meeting ID: 873 4251 4021
Passcode: 253909
FEBRUARY 5, 2026
4:00PM

REVIEW MEETING
CITY OF LAKEWOOD
12650 DETROIT AVENUE
AUDITORIUM
FEBRUARY 12, 2026
5:30 P.M.

1. ROLL CALL
2. APPROVE THE MINUTES OF THE JANUARY 8, 2026 MEETING
3. OPENING REMARKS

OLD BUSINESS

SIGN REVIEW

- | | | |
|----------------------------------|-----|------------------------------------|
| 4. Docket No. 01-10-26 | (C) | 2035 Quail St.
Birdtown Brewing |
| <input type="checkbox"/> Approve | | Kathy Clarke |
| <input type="checkbox"/> Deny | | ACE Lighting Services |
| <input type="checkbox"/> Defer | | 1260 Moore Rd.
Avon, OH 44011 |

Applicant proposes new aluminum signage for front fascia and internal wayfinding signage.

ARCHITECTURAL BOARD OF REVIEW

5. Docket No. 09-77-25 (R) 11730 Detroit Ave.
Northcoast Apartments

() Approve Milan Milasinovic
() Deny Virginia Marti, Inc
() Defer 11724 Detroit Ave.
Lakewood, OH 44107

Applicant proposes exterior façade renovations .

6. Docket No. 12-114-25 (R) 1114 Forest Rd.

() Approve Elizabeth Davis
() Deny Old World Classics, LLC
() Defer 7056 Mears Gate Dr. NW
North Canton, OH 44720

Applicant proposes the construction of a new single family home.

7. Docket No. 01-07-26 (C) 15501 Madison Ave.
Vital Pilates & Wellness

() Approve Jake Szaraz
() Deny MJM Building Standards
() Defer 14819 Lake Ave.
Lakewood, OH 44107

Applicant proposes a second floor addition.

8. Docket No. 01-08-26 (R) 14819 Lake Ave.

() Approve Jake Szaraz
() Deny MJM Building Standards
() Defer 14819 Lake Ave.
Lakewood, OH 44107

Applicant proposes the construction of a front porch addition.

NEW BUSINESS

SIGN REVIEW

9. Docket No. 02-13-26 (C)

13400 Madison Ave.
Allstate Insurance

- Approve
- Deny
- Defer

Kathy Clarke
ACE Lighting Services
1260 Moore Rd.
Avon, OH 44011

Applicant proposes new wall signage.

10. Docket No. 02-14-26 (C)

1411-1413 Lauderdale Ave.
Advance Glass Sales & Service LLC

- Approve
- Deny
- Defer

William Eppich
Advance Glass Sales & Service LLC
1260 Moore Rd.
Avon, OH 44011

Applicant proposes new window signage.

11. Docket No. 02-15-26 (C)

15800 Detroit Rd.
Cleveland Clinic

- Approve
- Deny
- Defer

Thomas Yankovich
Ellet Neon Sales & Service, LLC
3041 East Waterloo Rd.
Akron, OH 44312

Applicant proposes new face to existing signage.

ARCHITECTURAL BOARD OF REVIEW

12. Docket No. 02-16-26 (C)

1374 W.117th St.
Norton Industries

- Approve
- Deny
- Defer

Jeffrey Foster
1220 W.6th St. STE 405
Cleveland, OH 44113

Applicant proposes a storefront renovation.

13. Docket No. 02-17-26 (R)

1654 Waterbury Rd.

- Approve
- Deny
- Defer

Bridget Gouker
1206 Cranford Ave.
Lakewood, OH 44107

Applicant proposes construction of a new single family home.

14. Docket No. 02-18-26 (R) 1337 Edanola (Edanola & Riverside)
- () Approve Timothy Bennett
() Deny Bennett Builders and Remodelers, LLC
() Defer 27899 Clemens Rd.
Westlake, OH 44145

Applicant proposes construction of a new single family home.

15. Docket No. 02-19-26 (C) 16620 Madison Ave.
The Illuminating Company
(Lauderdale Substation)
- () Approve Jason Van Schoor
() Deny The Illuminating Company
() Defer 16620 Madison Ave.
Lakewood, OH 44107

Applicant proposes alteration to fencing on both front facades.

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."



City of Lakewood
Board of Building Standards •
Architectural Board of Review •
Sign Review Board

P: (216) 529-6630
F: (216) 529-5907
planning@lakewoodoh.gov

Application Cover Page

Docket No.: 09-77-25

Permit No.: BBS25-000081

Applicant Name: Milan Misalinovic, Virginia Marti Inc.

Project Address: 11730 Detroit Ave.

Project Name: North Coast Apartments

Project: Applicant proposes exterior facade renovations.



Lakewood, Ohio

Google Street View

Aug 2017

See latest date

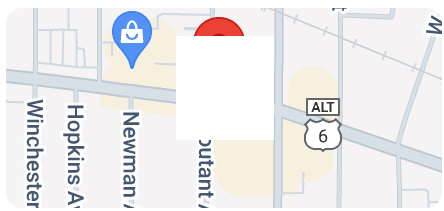


Oct 2022 See latest date



Google

Image capture: Oct 2022 © 2024 Google







Municipal
Parki

MUNICIPAL
PARKING
L. J. ...
CO.

NO
PARKING
AND
FINE







The North Coast Apartments

PROJECT
The North Coast

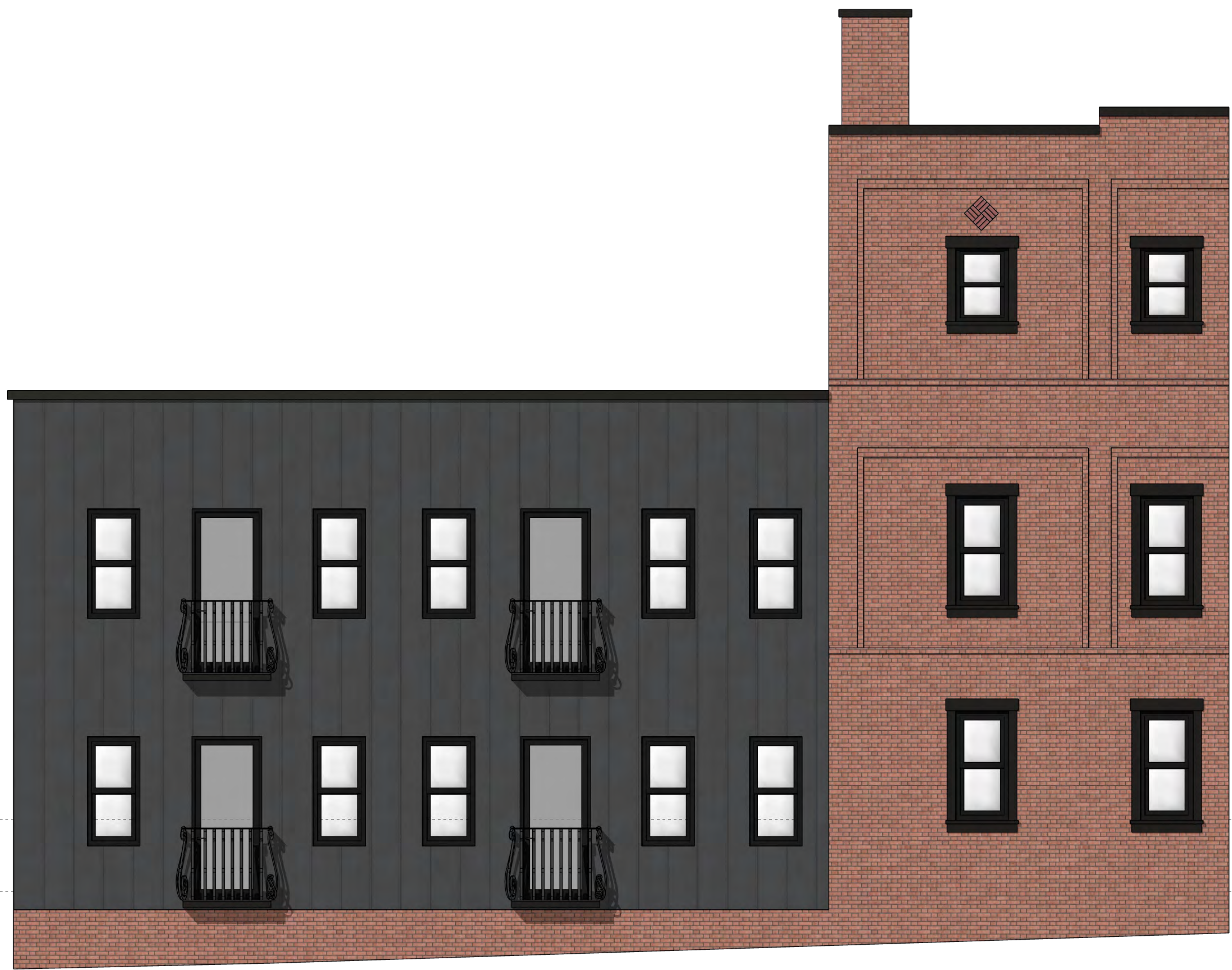
DRAWN BY
Loomis Companies

ISSUE
05/14/2025
Preliminary

RE-ISSUE

DESCRIPTION

Partial West
Exterior Elevation



PROJECT
The North Coast

DRAWN BY
Loomis Companies

ISSUE
05/14/2025
Preliminary

RE-ISSUE

DESCRIPTION

North
Exterior Elevation





PROJECT
The North Coast

DRAWN BY
Loomis Companies

ISSUE
05/14/2025
Preliminary

RE-ISSUE

DESCRIPTION

East
Exterior Elevation





PROJECT
The North Coast

DRAWN BY
Loomis Companies

ISSUE
05/14/2025
Preliminary

RE-ISSUE

DESCRIPTION

Front
Exterior Elevation

PROJECT
The North Coast

DRAWN BY
Loomis Companies

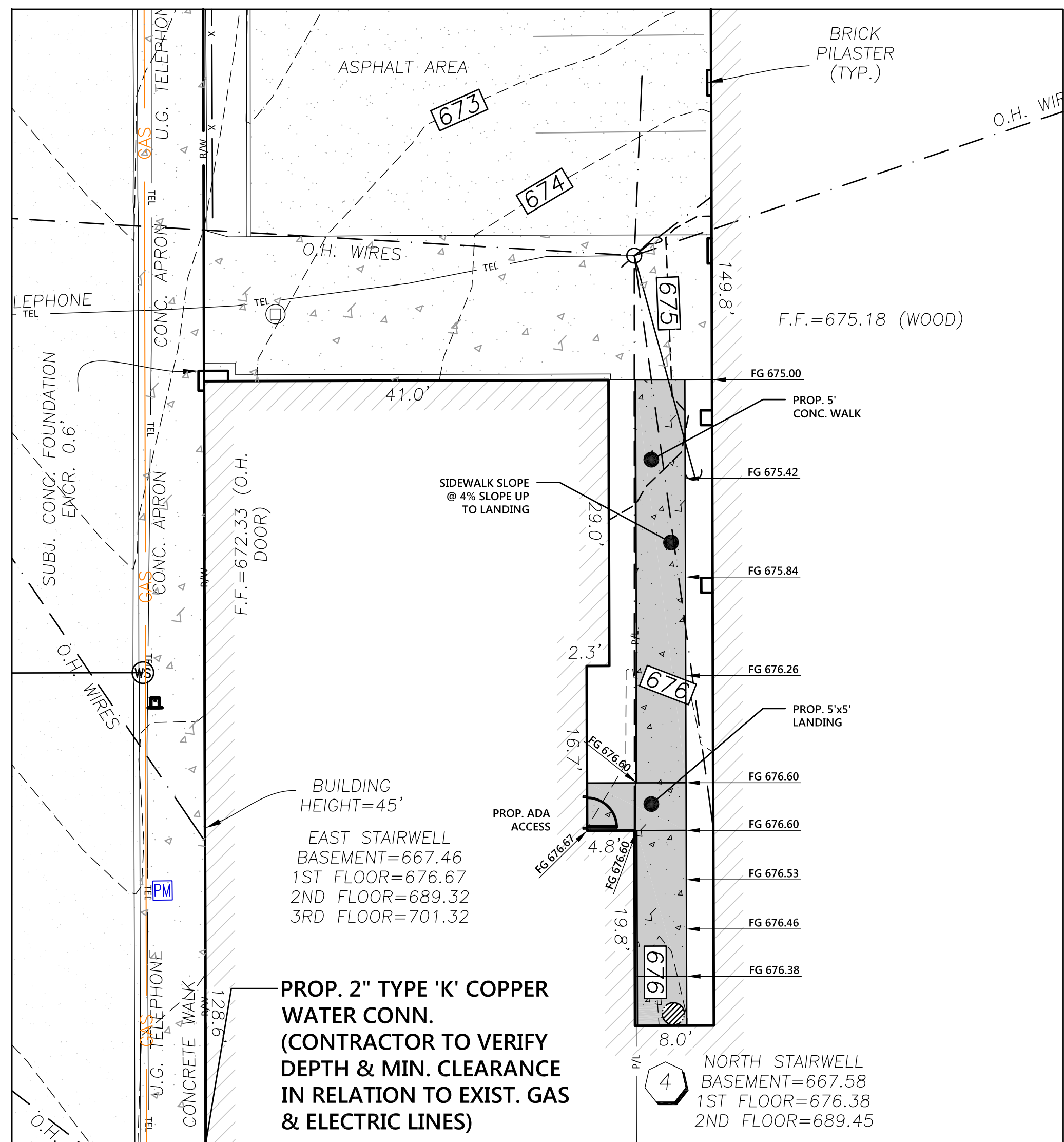
ISSUE
Preliminary

RE-ISSUE

DESCRIPTION

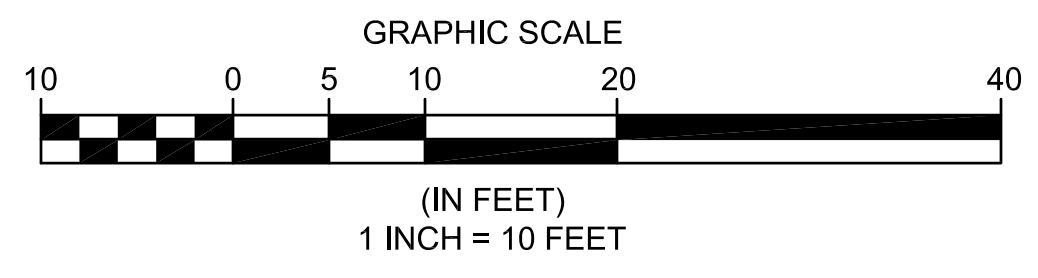
Exterior Elevation





PROP. 2" TYPE 'K' COPPER WATER CONN.
 (CONTRACTOR TO VERIFY DEPTH & MIN. CLEARANCE IN RELATION TO EXIST. GAS & ELECTRIC LINES)

ENLARGED SIDEWALK PLAN
 10 SCALE



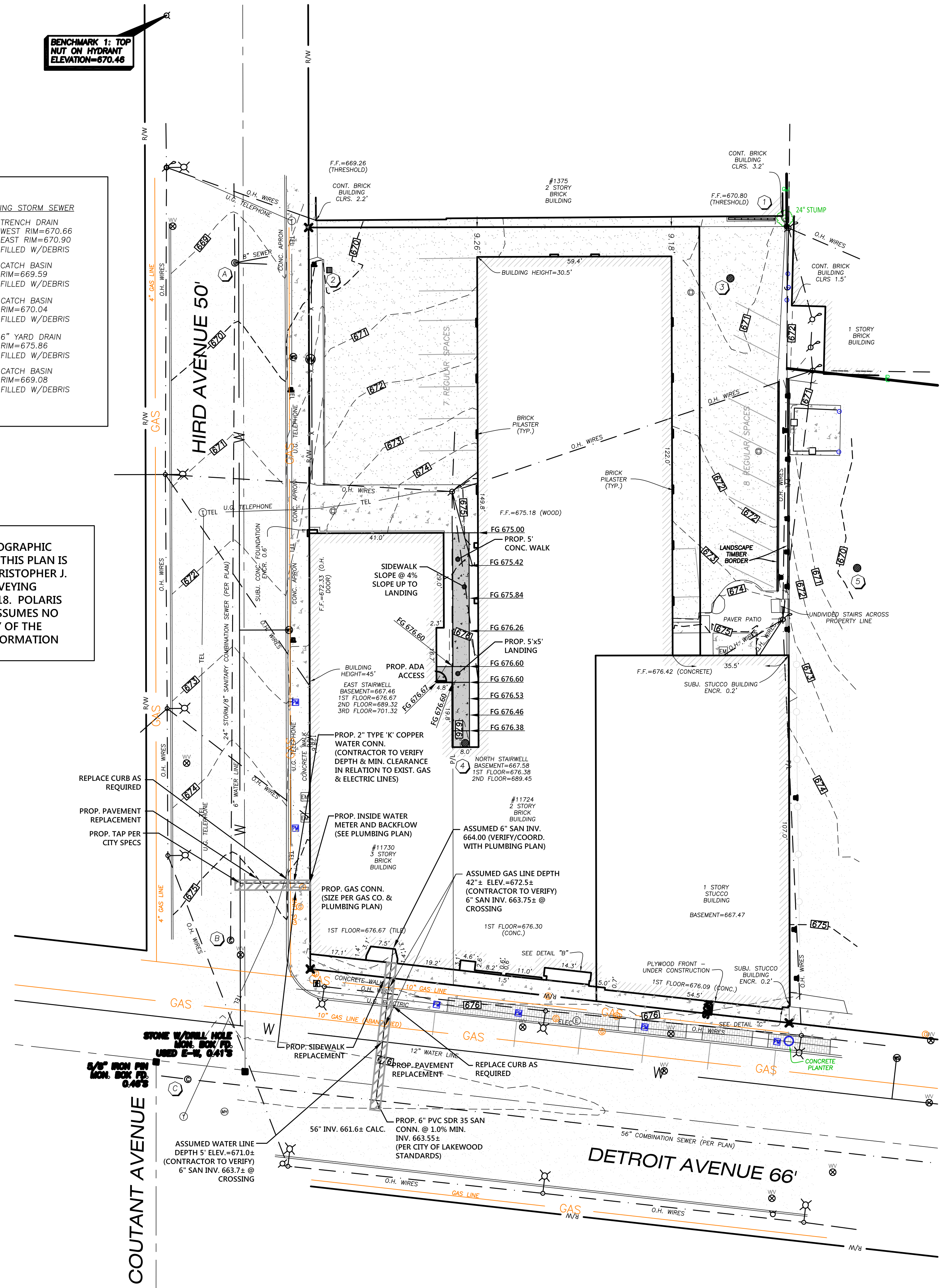
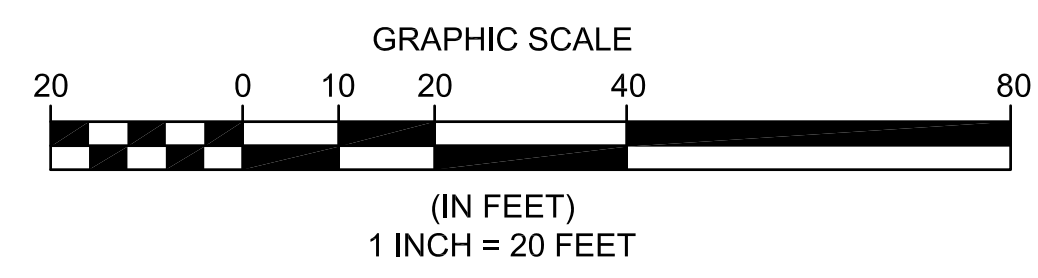
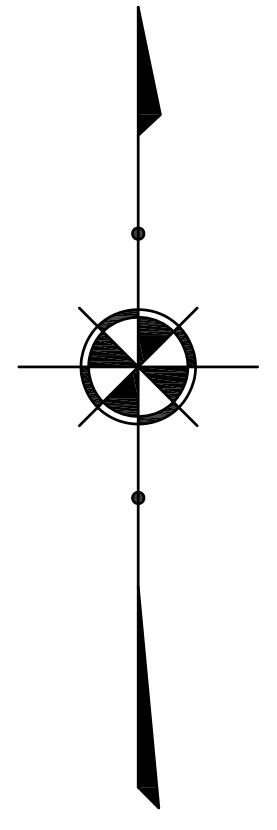
811 O.U.P.S. REFERENCE
 X-XXXX-XXXX-XXXX
 2 WORKING DAYS BEFORE YOU DIG CALL 8-1-1
 OHIO UTILITIES PROTECTION SERVICE NON-MEMBERS MUST BE CALLED DIRECT

EXISTING UNDERGROUND UTILITIES NOTE:
 THE SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL OF THE UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY, AND RELIABLY DEPICTED HEREON. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED, WHERE PRACTICAL. HOWEVER, POLARIS ENGINEERING & SURVEYING, INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.

NOTE: THIS SURVEY SUBJECT TO CHANGE UPON RECEIPT OF ANY ADDITIONAL AVAILABLE UNDERGROUND UTILITY INFORMATION.

- | EXISTING COMBINATION SEWER | EXISTING STORM SEWER |
|---|--|
| <ul style="list-style-type: none"> A COMBINATION MANHOLE RIM=669.21 FLOW LINE N&S=659.81 8" VOR INV. E=665.21 PVC INV. E=664.01 B COMBINATION MANHOLE RIM=675.54 FLOW LINE R=667.39 C COMBINATION MANHOLE RIM=676.22 56" INV. E&W=661.92 D COMBINATION MANHOLE RIM=674.20 56" INV. E&W=659.75 | <ul style="list-style-type: none"> 1 TRENCH DRAIN WEST RIM=670.66 EAST RIM=670.90 FILLED W/DEBRIS 2 CATCH BASIN RIM=669.59 FILLED W/DEBRIS 3 CATCH BASIN RIM=670.04 FILLED W/DEBRIS 4 6" YARD DRAIN RIM=675.86 FILLED W/DEBRIS 5 CATCH BASIN RIM=669.08 FILLED W/DEBRIS |

SURVEY NOTE:
 ALL EXISTING BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THIS PLAN IS FROM A SURVEY PERFORMED BY CHRISTOPHER J. DEMPSEY (#6914), OF DEMPSEY SURVEYING COMPANY, DATED MARCH 21ST, 2018. POLARIS ENGINEERING & SURVEYING, INC. ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN ON THIS PLAN.



REV. No.	DATE	BY



DATE: 11/7/18
 SCALE: HOR. 1"=20'
 VERT. 1"=00'
 FOLDER: DWG/Proj. Eng.
 FILENAME: Site Plan
 TAB: 04-Grading Plan
 DRAWN: DRW

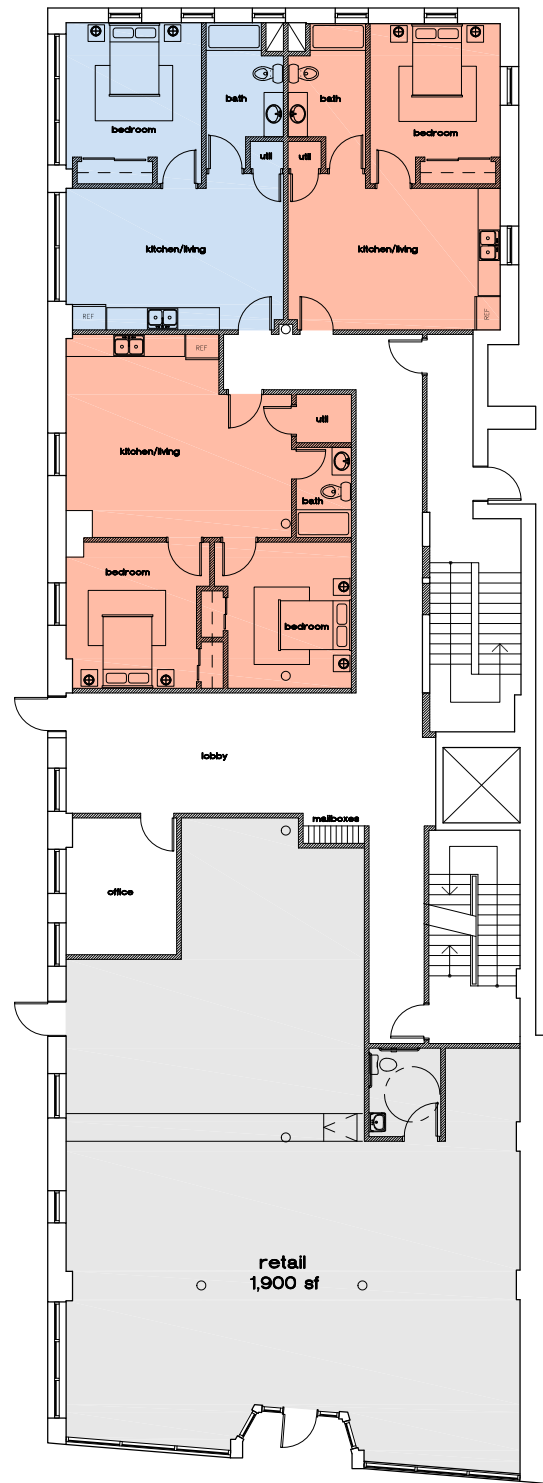
REIDY BROTHERS & FLANIGAN BUILDING RENOVATION
 CITY OF LAKEWOOD - CUYAHOGA COUNTY - OHIO

POLARIS ENGINEERING & SURVEYING, INC.
 34600 CHARDON ROAD - SUITE D
 WILLOUGHBY HILLS, OHIO 44094
 (440) 944-4433 (440) 944-3732 (fax)
 www.polaris-es.com

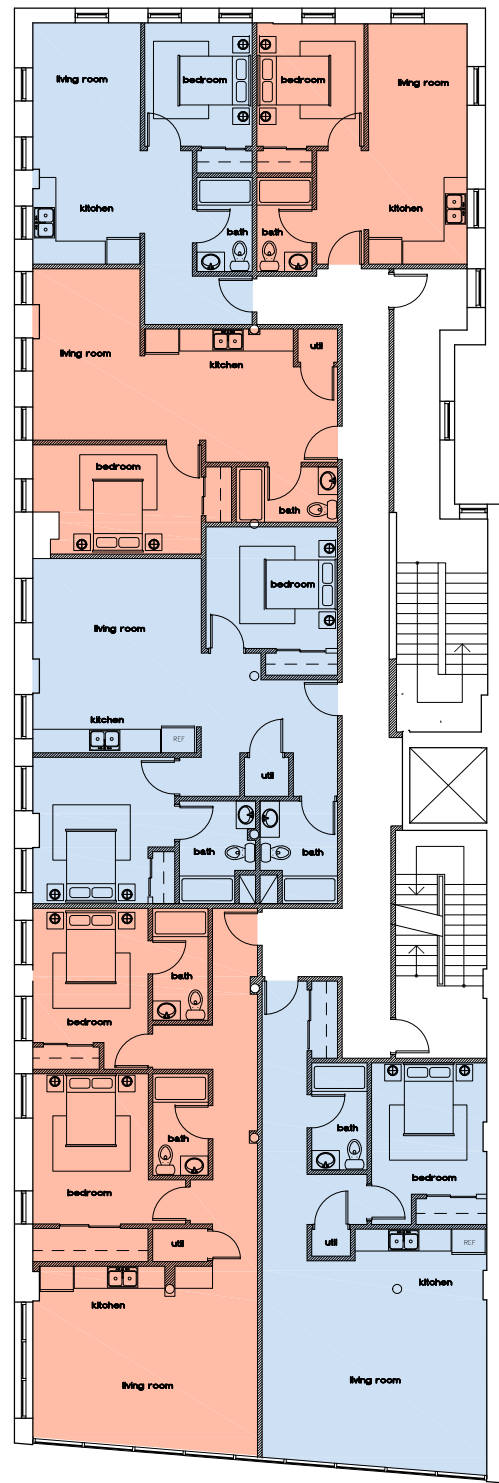


GRADING PLAN

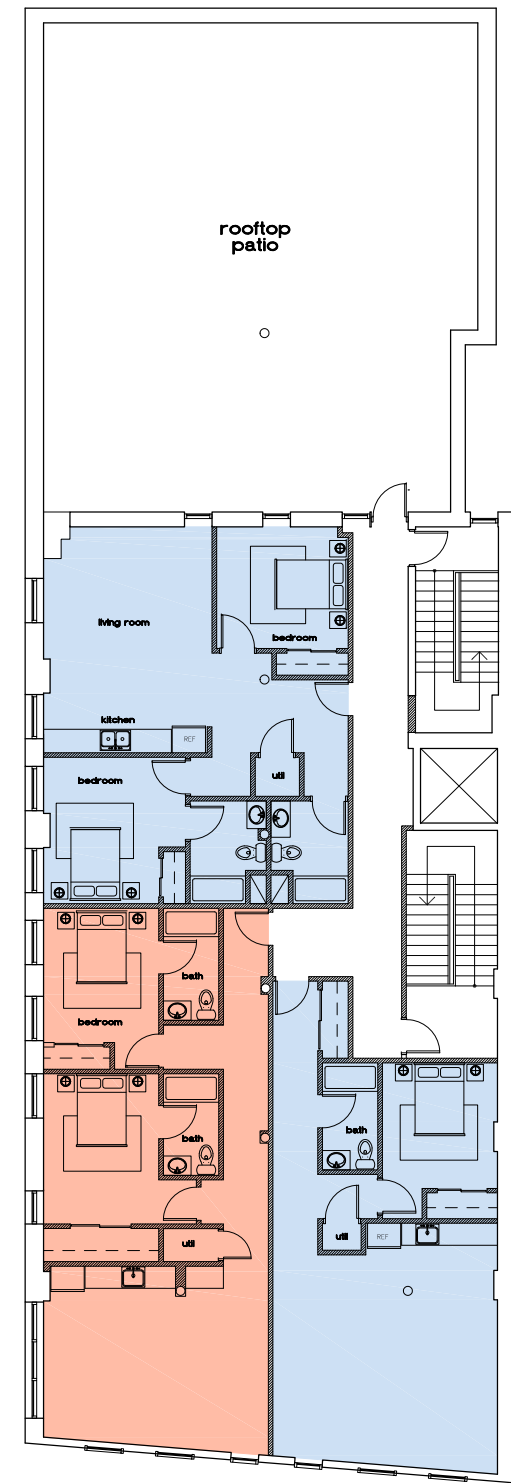
CONTRACT No.	
18272	
SHEET	OF
C3	C5



ground floor



second floor



third floor

NORTHCOAST APARTMENTS

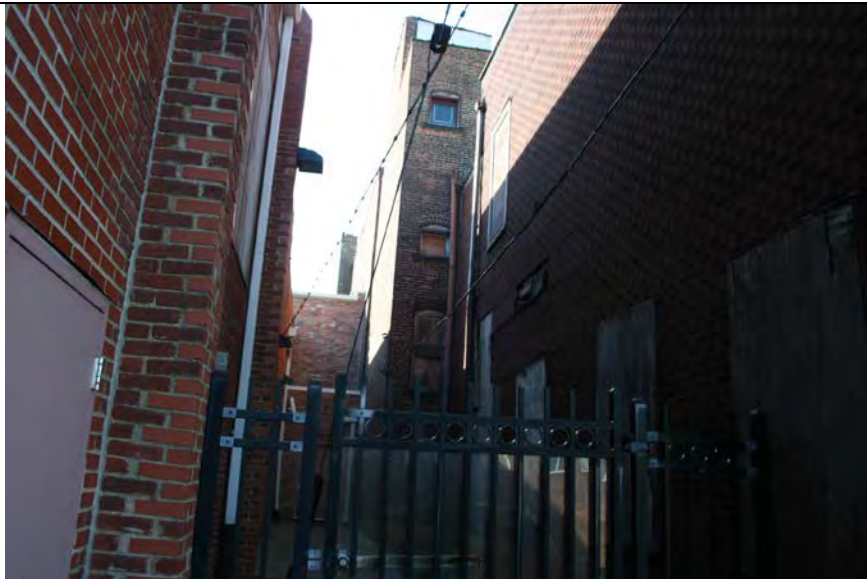
11730 DETROIT AVE.
LAKEWOOD, OH



Photograph 1 – View of Subject Property looking north across Detroit Ave



Photograph 2 – View of western elevation of Subject Property, looking southeast.



Photograph 3 – View of eastern elevation of Property, looking south southwest.



Photograph 4 – View of rear of property, looking south.

ENCROACHMENTS

- 1) SUBJECT SOUTHWEST BRICK BUILDING CORNER ENCLOSES 0.2' OVER HIRD AVENUE RIGHT OF WAY.
- 2) SUBJECT NORTHWEST CONCRETE BUILDING FOUNDATION ENCLOSES 0.6' OVER HIRD AVENUE RIGHT OF WAY.
- 3) SUBJECT SOUTHEASTERLY AND NORTHEASTERLY STUCCO BUILDING CORNERS ENCLOSES 0.2' OVER EASTERLY PROPERTY LINE.

HORIZONTAL AND VERTICAL DATUM

HORIZONTAL BASIS OF BEARINGS:
BEARINGS ARE REFERENCED TO GRID NORTH OF THE OHIO STATE PLANE COORDINATE SYSTEM NORTH ZONE, NAD 83 DATUM.

VERTICAL DATUM:
ELEVATIONS ARE REFERENCED TO NAVD88 VERTICAL DATUM.

BOTH DATUMS WERE ESTABLISHED USING GPS EQUIPMENT CONNECTED TO THE ODOT VRS RTK NETWORK.

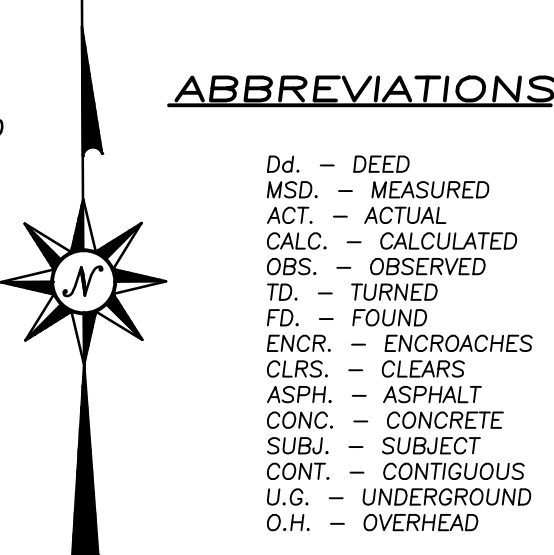
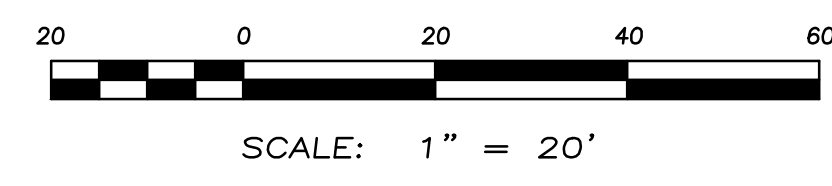
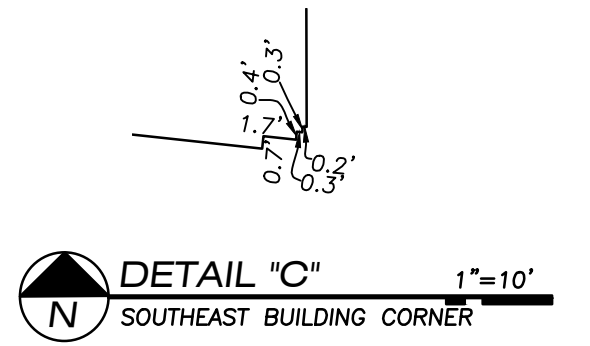
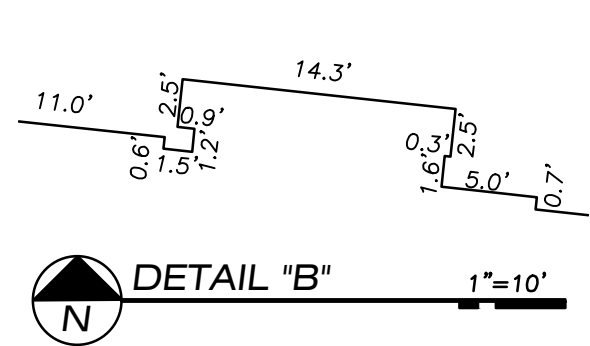
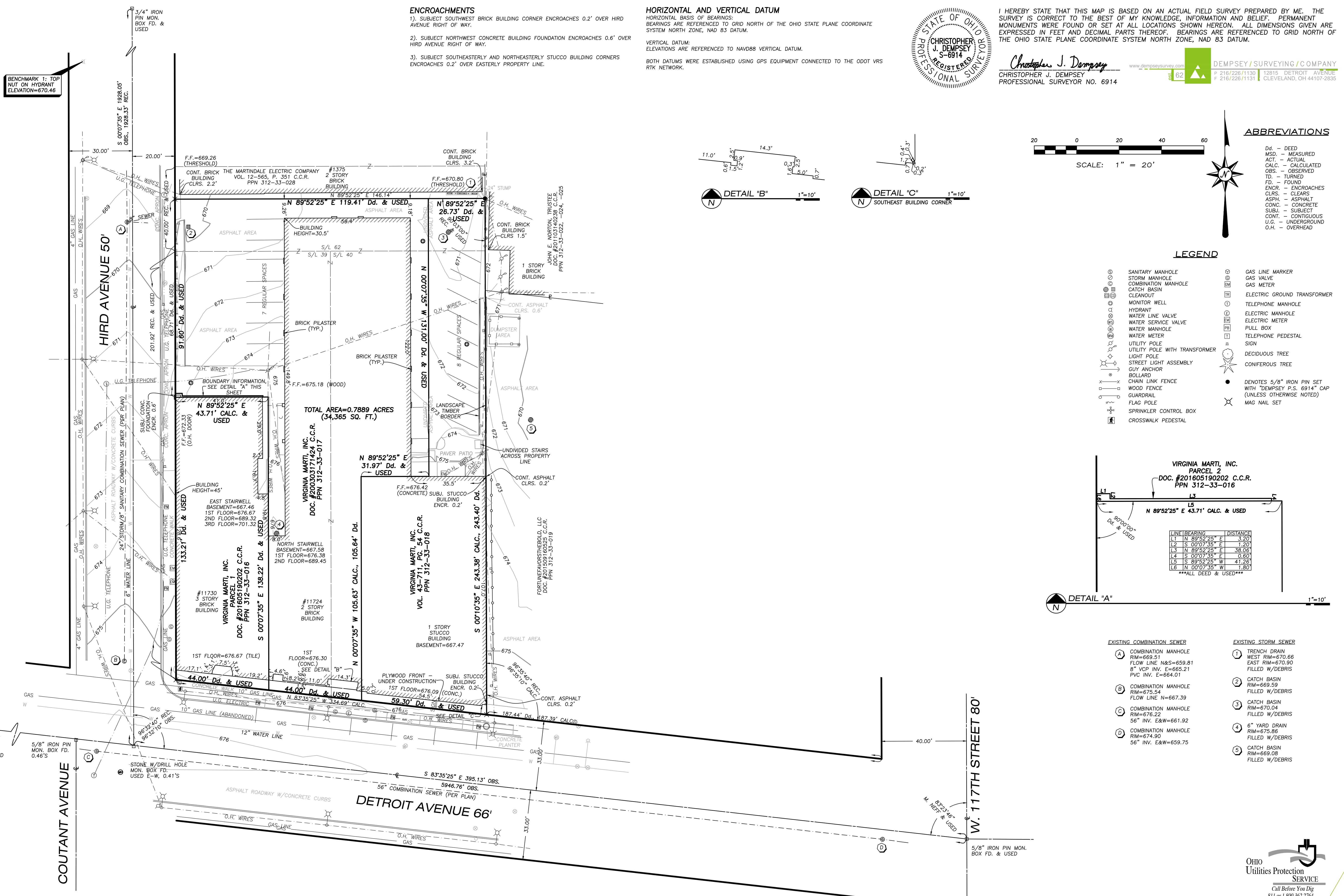


I HEREBY STATE THAT THIS MAP IS BASED ON AN ACTUAL FIELD SURVEY PREPARED BY ME. THE SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF. PERMANENT MONUMENTS WERE FOUND OR SET AT ALL LOCATIONS SHOWN HEREON. ALL DIMENSIONS GIVEN ARE EXPRESSED IN FEET AND DECIMAL PARTS THEREOF. BEARINGS ARE REFERENCED TO GRID NORTH OF THE OHIO STATE PLANE COORDINATE SYSTEM NORTH ZONE, NAD 83 DATUM.

Christopher J. Dempsey
CHRISTOPHER J. DEMPSEY
PROFESSIONAL SURVEYOR NO. 6914

DEMPSEY SURVEYING / COMPANY
P 216/226/1130 12815 DETROIT AVENUE
F 216/226/1131 CLEVELAND, OH 44107-2835

DEMPSEY SURVEYING / COMPANY
P 216/226/1130 12815 DETROIT AVENUE
F 216/226/1131 CLEVELAND, OH 44107-2835

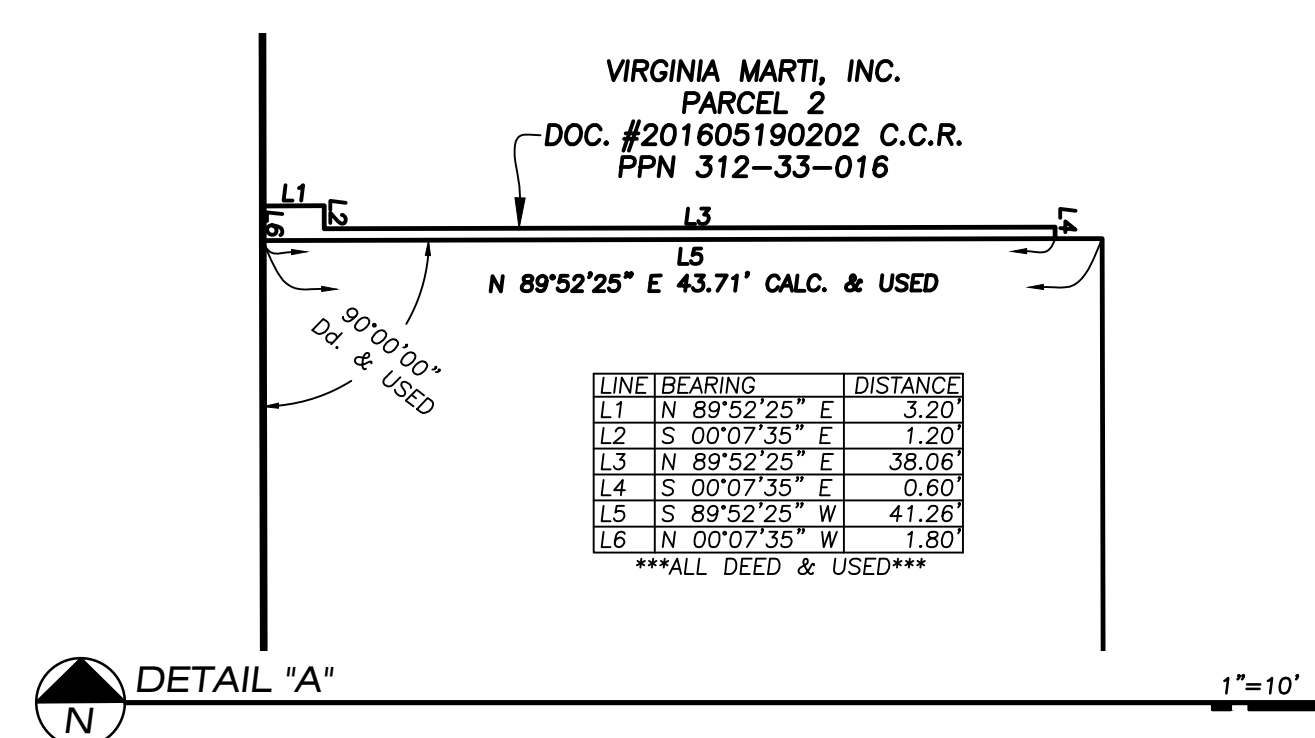


ABBREVIATIONS

- Dd. - DEED
- MSD. - MEASURED
- ACT. - ACTUAL
- CALC. - CALCULATED
- OBS. - OBSERVED
- TD. - TURNED
- FD. - FOUND
- ENCR. - ENCLOSES
- CLRS. - CLEARS
- ASPH. - ASPHALT
- CONC. - CONCRETE
- SUBJ. - SUBJECT
- CONT. - CONTIGUOUS
- U.G. - UNDERGROUND
- O.H. - OVERHEAD

LEGEND

- SANITARY MANHOLE
- STORM MANHOLE
- COMBINATION MANHOLE
- CATCH BASIN
- CLEANOUT
- MONITOR WELL
- HYDRANT
- WATER LINE VALVE
- WATER SERVICE VALVE
- WATER MANHOLE
- WATER METER
- UTILITY POLE
- UTILITY POLE WITH TRANSFORMER
- LIGHT POLE
- STREET LIGHT ASSEMBLY
- GUY ANCHOR
- BOLLARD
- CHAIN LINK FENCE
- WOOD FENCE
- GUARDRAIL
- FLAG POLE
- SPRINKLER CONTROL BOX
- CROSSWALK PEDESTAL
- GAS LINE MARKER
- GAS VALVE
- GAS METER
- ELECTRIC GROUND TRANSFORMER
- TELEPHONE MANHOLE
- ELECTRIC MANHOLE
- ELECTRIC METER
- PULL BOX
- TELEPHONE PEDESTAL
- SIGN
- DECIDUOUS TREE
- CONIFEROUS TREE



- EXISTING COMBINATION SEWER**
- A COMBINATION MANHOLE RIM=669.51 FLOW LINE N&S=659.81 8" VCP INV. E=665.21 PVC INV. E=664.01
 - B COMBINATION MANHOLE RIM=675.54 FLOW LINE N=667.39
 - C COMBINATION MANHOLE RIM=676.22 56" INV. E&W=661.92
 - D COMBINATION MANHOLE RIM=674.90 56" INV. E&W=659.75
- EXISTING STORM SEWER**
- 1 TRENCH DRAIN WEST RIM=670.66 EAST RIM=670.80 FILLED W/DEBRIS
 - 2 CATCH BASIN RIM=669.59 FILLED W/DEBRIS
 - 3 CATCH BASIN RIM=670.04 FILLED W/DEBRIS
 - 4 6" YARD DRAIN RIM=675.86 FILLED W/DEBRIS
 - 5 CATCH BASIN RIM=669.08 FILLED W/DEBRIS

TOPOGRAPHIC AND BOUNDARY SURVEY FOR VMCAD
 SITUATED IN THE CITY OF LAKEWOOD, COUNTY OF CUYAHOGA AND STATE OF OHIO AND BEING A PART OF ORIGINAL ROCKPORT TOWNSHIP LOT NO. 61, SECTION NO. 21

REVISIONS	
DATE	DESCRIPTION

HORIZ. SCALE
1" = 20'

VERT. SCALE
NONE

DRAWN BY
MS

CHECKED BY
CJD

DATE OF MAP
MAR. 21, 2018

DATE OF FIELD SURVEY
MAR. 14, 2018

JOB NO.
9202

SHEET
1 1

UTILITY STATEMENT
THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

Ohio Utilities Protection SERVICE
Call Before You Dig
811 or 1.800.362.2764
REF. #B805900474
REF. #B805900476

Erosion and Sediment Control Schedule

General
Any sediment-laden groundwater encountered during construction shall be treated prior to discharge.

Ingress-Egress
A stone access drive complete with under lying geo-textile fabric (14 feet wide and 30 feet long x 10 inch thick) for ingress and egress at the site shall be installed if there is not already an existing access drive. This drive shall be the only entrance and exit to the site.

Silt Fence & Inlet Protection
All silt fence shall be installed prior to any earthwork activities at the site in the locations shown on the site plan as well as along the front of any lot that slopes towards the street. Place inlet protection on all existing or proposed locations indicated on plan.

Temporary Seeding
Disturbed areas of the site that are to remain idle for more than fourteen (14) days shall be properly seeded and straw mulched within seven (7) days of completion of initial grading. Temporary seeding and mulching of a thirty (30) foot strip of the entire front of the lot shall be maintained on the site once initial grading is complete.

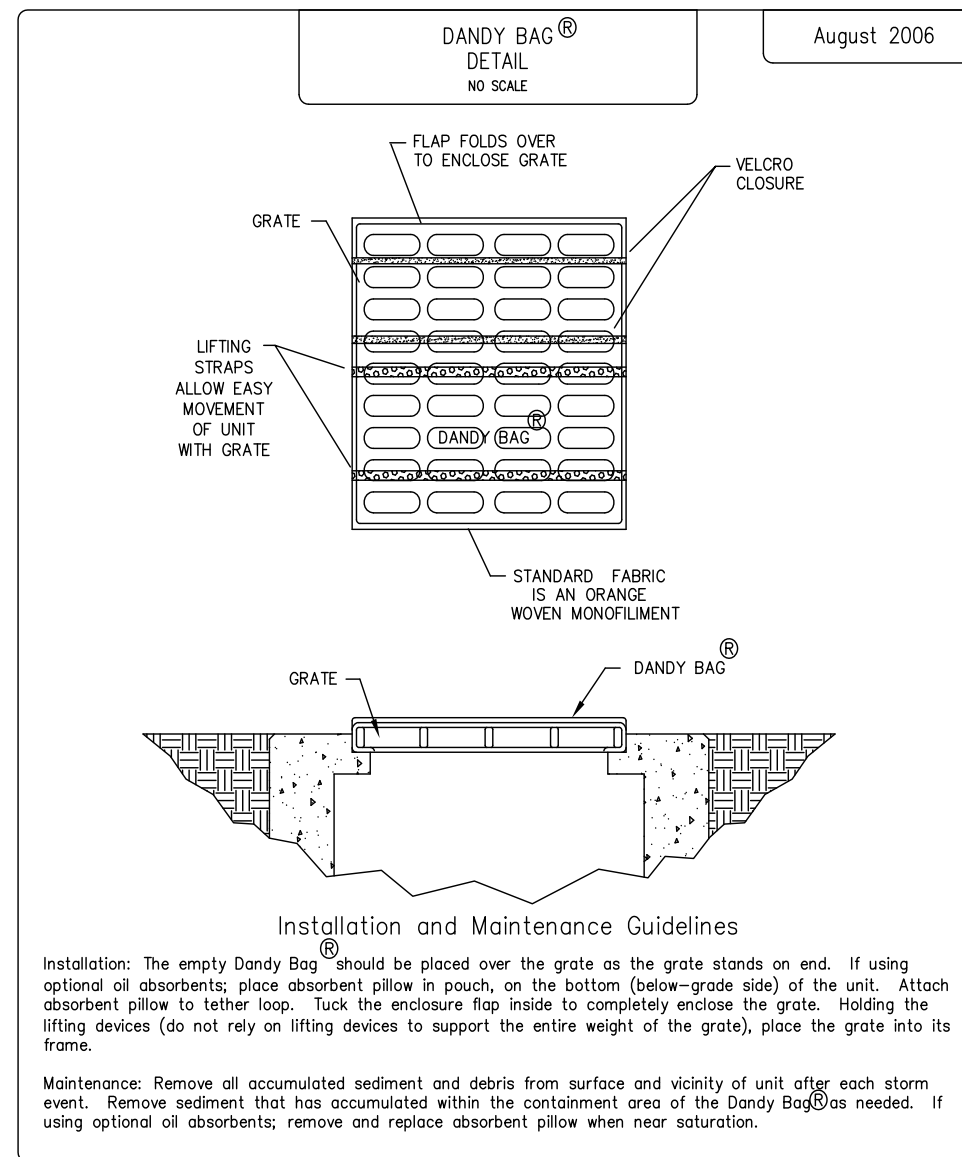
Stabilization of critical areas within fifty (50) feet of any stream or wetland shall be complete within two (2) days of the disturbance if the site is to remain inactive for longer than fourteen (14) days.

Mulching
Straw-mulch shall be applied at a rate of 1 bale per every ten (10) feet of curb, at a width of thirty (30) feet of the entire length of the lot. Wood chips may also be used but must be spread at a minimum depth of four inches over the thirty-foot width and must be accompanied by a properly installed silt fence.

Maintenance
Erosion and sediment controls shall be inspected every seven (7) days or within 24 hours of a 0.5" or greater rainfall event. Necessary repairs shall be made at this time.

Note:
All erosion and sediment control specifications, applications, and timetables are based on the descriptions and standards of The Ohio Department of Natural Resources Rainwater and Land Development Manual".

The specified erosion and sediment control standards are the general guidelines and shall not limit the right of the county to impose, at any time, additional, more stringent requirements. Nor shall the standards limit the right of the county to waive, in writing, individual requirements.

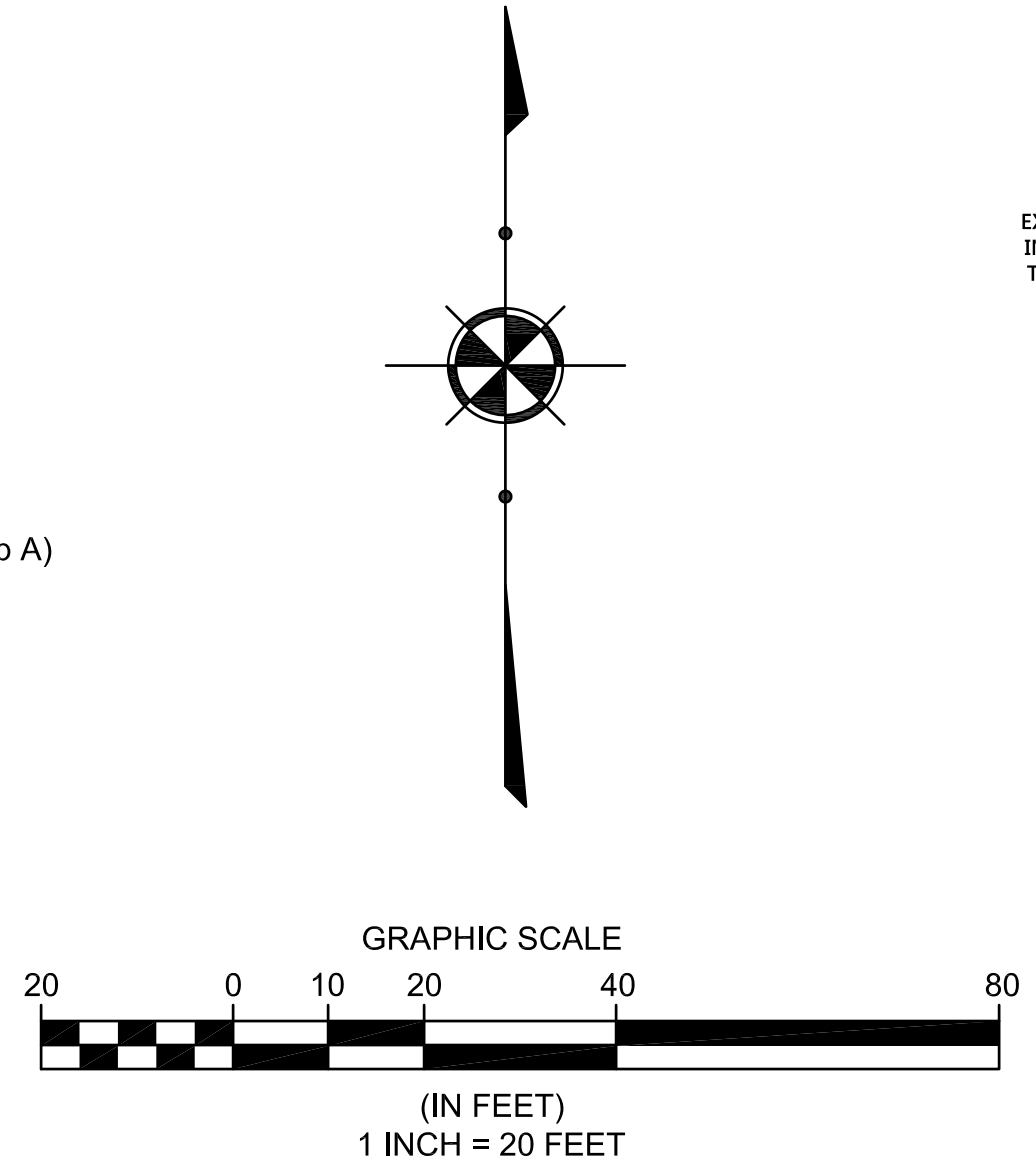


Installation and Maintenance Guidelines
Installation: The empty Dandy Bag should be placed over the grate at the grate stands on end. If using optional all absorbent, place absorbent pillow in pouch, on the bottom (below-grade side) of the unit. Attach absorbent pillow to tether loop. Tuck the enclosure flap inside to completely enclose the grate. Holding the lifting devices (do not rely on lifting devices to support the entire weight of the grate), place the grate into its frame.
Maintenance: Remove all accumulated sediment and debris from surface and vicinity of unit after each storm event. Remove sediment that has accumulated within the containment area of the Dandy Bag(s) as needed. If using optional absorbents, remove and replace absorbent pillow when near saturation.

EXISTING COMBINATION SEWER	EXISTING STORM SEWER
(A) COMBINATION MANHOLE RIM=669.51 FLOW LINE M&S=659.81 8" VCP INV. E=665.21 PVC INV. E=664.01	(1) TRENCH DRAIN WEST RIM=670.66 EAST RIM=670.90 FILLED W/DEBRIS
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(D) COMBINATION MANHOLE RIM=674.90 56" INV. E&W=659.75	(4) 6" YARD DRAIN RIM=675.86 FILLED W/DEBRIS
	(5) CATCH BASIN RIM=669.08 FILLED W/DEBRIS

SWP3 Site Description

Previous Land Use:	Commercial Redevelopment
Development Type:	0.561 Ac.
Total Site Acreage:	0.03 Ac.
Total Site Disturbance:	0.549 Ac. (98%)
Pre-Developed Impervious Area:	0.012 Ac. (2%)
Pre-Developed Pervious Area:	97
Post Developed Impervious Area:	0.547 Ac. (97%)
Post Developed Pervious Area:	0.014 Ac. (3%)
Post Developed Curve Number:	97
Predominant Soil(s) & Hydraulic Group(s):	UoB-Urban Land-Oshtemo (Group A)
First Receiving Water Body:	Unnamed Tributary
Subsequent Receiving Water Body:	x
Water Resources w/in 200' of Site:	x



SURVEY NOTE:
ALL EXISTING BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THIS PLAN IS FROM A SURVEY PERFORMED BY CHRISTOPHER J. DEMPSEY (#6914), OF DEMPSEY SURVEYING COMPANY, DATED MARCH 21ST, 2018. POLARIS ENGINEERING & SURVEYING, INC. ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN ON THIS PLAN.

SWP3 LEGEND

	I.P. INLET PROTECTION		TEMPORARY SEEDING
	PROPOSED CONTOUR		MISC. BMP (Waste Disposal/Dumpster/Conc. Washout/Fuel Tanks)
	EXISTING CONTOUR		STONE CONSTRUCTION ENTRANCE
	DISTURBANCE LIMITS		ROCK CHANNEL PROTECTION
	SILT FENCE		
	SOIL DELINEATION LINE		

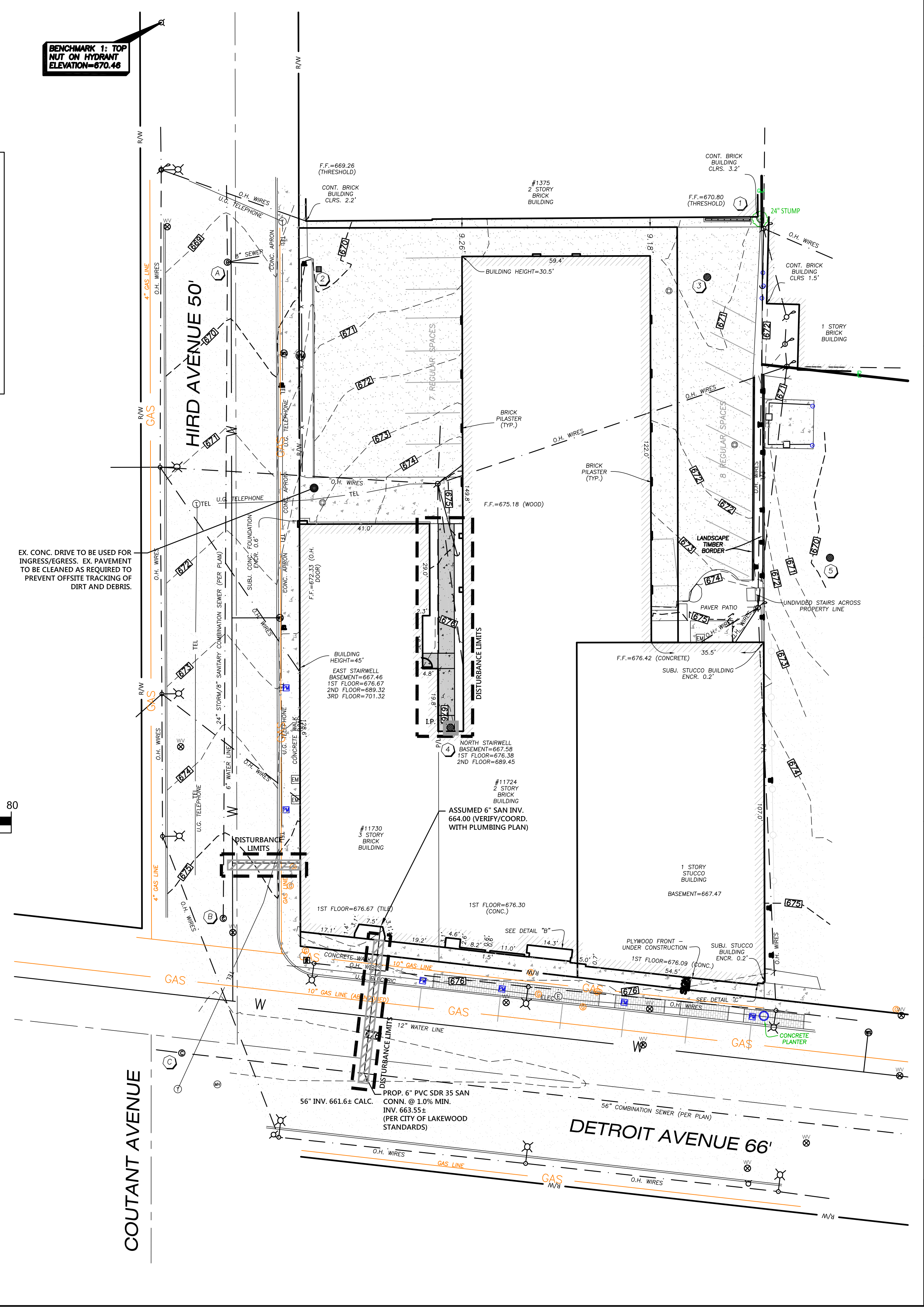
811 O.U.P.S. REFERENCE
x-xxx-xxx-xxx
2 WORKING DAYS BEFORE YOU DIG CALL 8-1-1
OHIO UTILITIES PROTECTION SERVICE NON-MEMBERS MUST BE CALLED DIRECT

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REV. No.	DATE	BY	DATE	BY

DATE:	11/7/18
SCALE: HOR.	1"=20'
VERT.	1"=00'
FOLDER:	DWG/Proj. Eng.
FILENAME:	Site Plan
TAB:	05-SWP3 Plan
DRAWN:	DRW



REIDY BROTHERS & FLANIGAN BUILDING RENOVATION
CITY OF LAKEWOOD - CUYAHOGA COUNTY - OHIO

POLARIS ENGINEERING & SURVEYING, INC.
34600 GHARDON ROAD - SUITE D
WILLOUGHBY HILLS, OHIO 44094
(440) 944-4433 (440) 944-3722 (fax)
www.polaris-es.com



SWP3 PLAN

CONTRACT No.	
18272	
SHEET	OF
C4	C5



City of Lakewood
Board of Building Standards •
Architectural Board of Review •
Sign Review Board

P: (216) 529-6630
F: (216) 529-5907
planning@lakewoodoh.gov

Application Cover Page

Docket No.: 02-13-26

Permit No.: BBS25-000140

Applicant Name: Kathy Clarke, ACE Lighting Services

Project Address: 13400 Madison Ave.

Project Name: Allstate Insurance

Project: Applicant proposes new signage.

Kathy@GETLITWITHUS.COM



PROPOSED SIGNAGE

Scope of Work

- 1. Install one set of illuminated channel letters as designed and to code.



EXISTING CONDITIONS

Note* Drawings are not for construction purposes. They are intended for design intent only and are not to scale.



Allstate
13400 Madison Ave
Lakewood, OH 44107

Version

DATE	DESCRIPTION
1, 12/9/25	Initial Release

PROPOSED-EXISTING

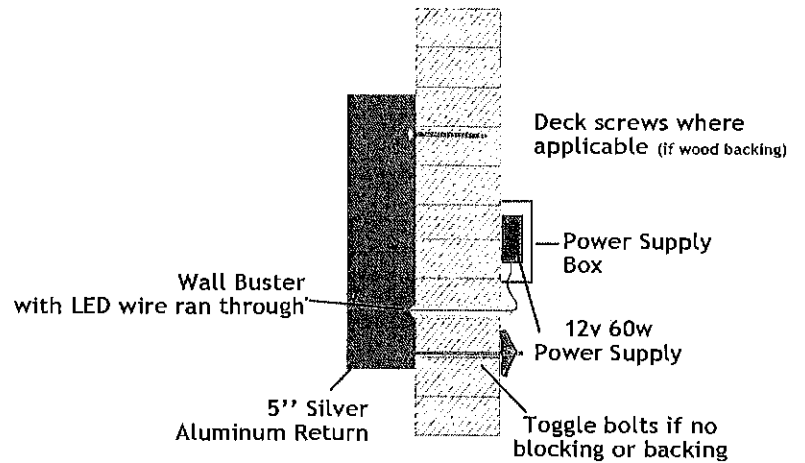
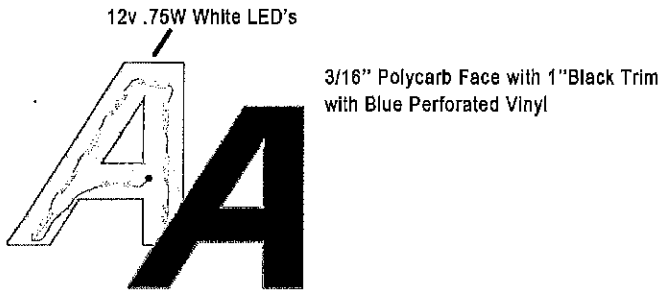
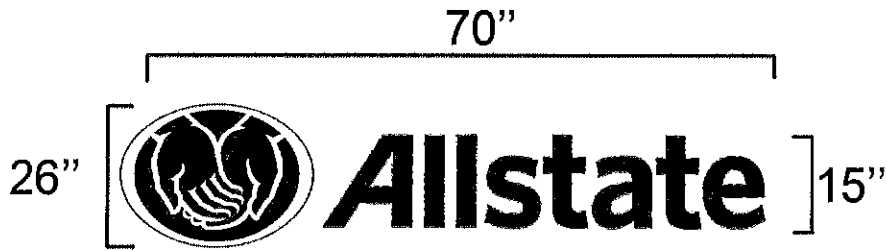
P3



Ace Lighting Sales & Service
1260 Moore Rd Suite G
Avon, OH 44011
P. 440-695-0367
acelighting.com



The sign as indicated above is approved by the landlord.

Tony E. Anthony
12-30-25



 <p>Allstate 13400 Madison Ave Lakewood, OH 44107</p>	<p>Version</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1, 12/9/25</td> <td>Initial Release</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	DATE	DESCRIPTION	1, 12/9/25	Initial Release					<p>DETAIL</p>	<p>Ace Lighting Sales & Service 1260 Moore Rd Suite G Avon, OH 44011 P. 440-695-0367 acelighting.com</p> 
	DATE	DESCRIPTION									
1, 12/9/25	Initial Release										
<p>P4</p>											



Allstate®

Allstate Sign Package



Allstate
13400 Madison Ave
Lakewood, OH 44107

Version

DATE	DESCRIPTION
1 12/9/25	Initial Release

FRONT PAGE

Ace Lighting Sales & Service
1260 Moore Rd Suite G
Avon, OH 44011
P. 440-695-0367
acelighting.com



P1



Version	
DATE	DESCRIPTION
<u>1</u> <u>12/9/25</u>	<u>Initial Release</u>
_____	_____
_____	_____

SITE MAP

Ace Lighting Sales & Service
 1260 Moore Rd Suite G
 Avon, OH 44011
 P. 440-695-0367
 acelighting.com



P2



Allstate
 13400 Madison Ave
 Lakewood, OH 44107



Allstate®

Allstate Sign Package



Allstate
13400 Madison Ave
Lakewood, OH 44107

Version

	DATE	DESCRIPTION
1	12/9/25	Initial Release
—	—	—
—	—	—

FRONT PAGE

P1

Ace Lighting Sales & Service
1260 Moore Rd Suite G
Avon, OH 44011
P. 440-695-0367
acelighting.com





Allstate
 13400 Madison Ave
 Lakewood, OH 44107

Version

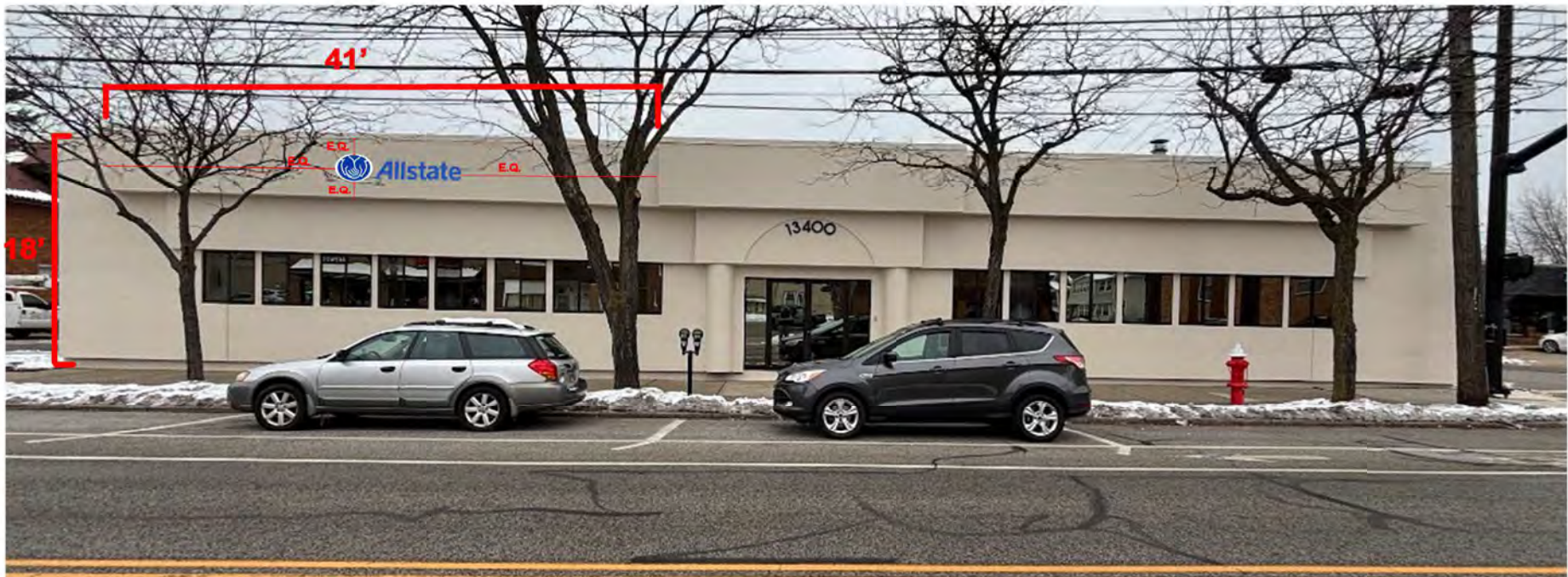
	DATE	DESCRIPTION
1	12/9/25	Initial Release

SITE MAP

P2

Ace Lighting Sales & Service
 1260 Moore Rd Suite G
 Avon, OH 44011
 P. 440-695-0367
 acelighting.com





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Allstate
13400 Madison Ave
Lakewood, OH 44107

Version

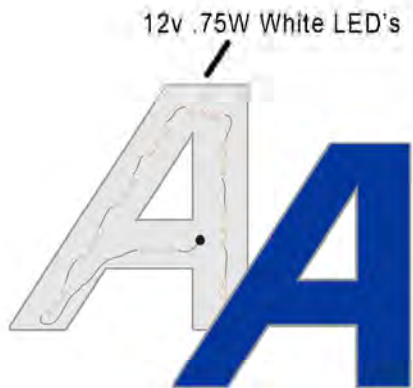
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1	12/9/25	Initial Release

PROPOSED-EXISTING

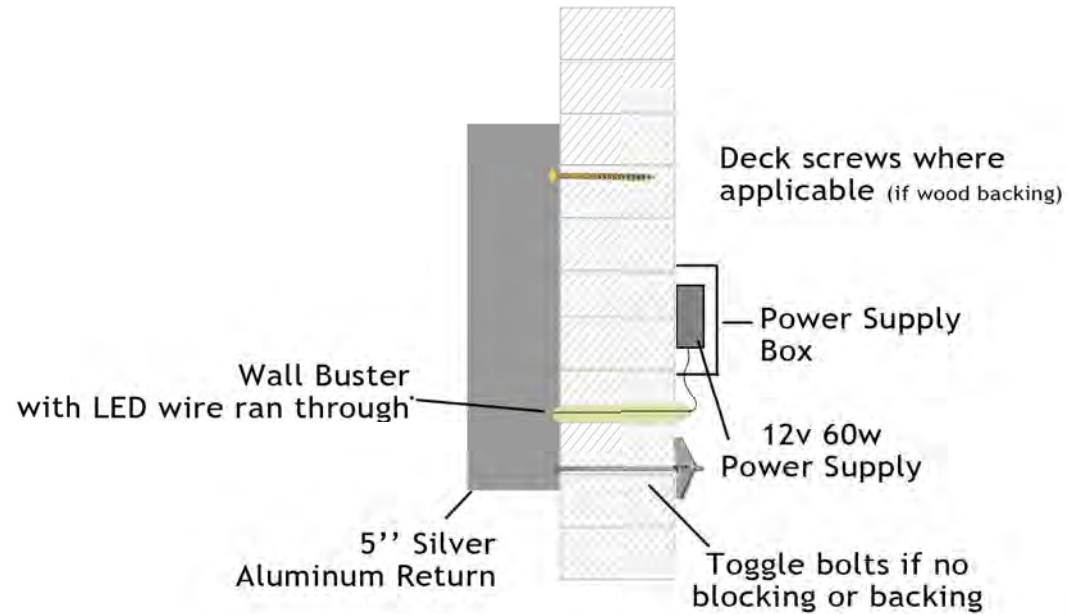
P3

Ace Lighting Sales & Service
1260 Moore Rd Suite G
Avon, OH 44011
P. 440-695-0367
acelighting.com





3/16" Polycarb Face with 1" Black Trim with Blue Perforated Vinyl



Allstate
13400 Madison Ave
Lakewood, OH 44107

Version

	DATE	DESCRIPTION
1	12/9/25	Initial Release

DETAIL

P4

Ace Lighting Sales & Service
1260 Moore Rd Suite G
Avon, OH 44011
P. 440-695-0367
acelighting.com





City of Lakewood
Board of Building Standards •
Architectural Board of Review •
Sign Review Board

P: (216) 529-6630
F: (216) 529-5907
planning@lakewoodoh.gov

Application Cover Page

Docket No.: 02-14-26

Permit No.: BBS26-000001

Applicant Name: William Eppich, Advance Glass Sales & Service LLC

Project Address: 1411-13 Lauderdale Ave.

Project Name: Advance Glass Sales & Service LLC

Project: Applicant proposes new signage.

LEASE AGREEMENT

1. **BASIC TERMS.** This **Section 1** contains the Basic Terms of this lease (this "**Lease**") between Landlord and Tenant, named below. Other Sections of the Lease referred to in this **Section 1** explain and define the Basic Terms and are to be read in conjunction with the Basic Terms.

- 1.1. Effective Date of Lease: Oct 1, 2023
- 1.2. Landlord: Plank Road Holdings LLC, an Ohio limited liability company.
- 1.3. Tenant: Advance Glass Sales Services, LLC, an Ohio limited liability company.
- 1.4. Premises: The Premises is depicted on **Exhibit A**.
- 1.5. Property: See **Exhibit A**.
- 1.6. Lease Term: Sixty (60) months (as may be extended by each Renewal Option, the "**Term**"), commencing Oct 1, 2023 ("**Commencement Date**") and ending, subject to **Section 2.3** below, on Oct, 2028 ("**Expiration Date**"); subject to the provisions set forth in **Addendum 1** below.
- 1.7. Permitted Uses: Office (See **Section 3.1**).
- 1.8. Tenant's Guarantor: _____ [**TBD**; subject to review of Tenant's financials]
- 1.9. Brokers: N/A
- 1.10. Security/Damage Deposit: Equal to one (1) month's rent.
- 1.11. Exhibits to Lease: The following exhibits are attached to and made a part of this Lease: A (Depiction of Premises); B (HVAC Replacement Amortization)

2. **LEASE OF PREMISES; RENT.**

2.1. **Lease of Premises for Lease Term.** Landlord hereby leases the Premises to Tenant, and Tenant hereby rents the Premises from Landlord, for the Term and subject to the conditions of this Lease.

2.2. **Types of Rental Payments.** Tenant shall pay net base rent to Landlord in monthly installments, in advance, on the first day of each and every calendar month during the Term of this Lease (the "**Base Rent**") in the amounts and for the periods as set forth below:

Months	Monthly Base Rent
1 thru 12	\$950.00
13 thru 24	\$978.50
25 thru 36	\$1,007.86
37 thru 48	\$1,038.09
49 thru 60	\$1,069.23

In the event any monthly installment of Base Rent, is not paid within five (5) days of the date when due, a late charge in an amount equal to five percent (5%) of the then delinquent installment of Base Rent and (the "**Late Charge**") shall be imposed with respect to the then-delinquent Rent (as defined below) payment. For purposes of this Lease, the Late Charge, Default Interest, as defined in **Section 21.3** below, Base Rent shall collectively be referred to as "**Rent**." All Rent shall be paid by Tenant to Landlord, c/o Plank Road Holdings LLC, 1342 Park Row Avenue, Lakewood, Ohio 44107 (or such other entity designated as Landlord's management agent, if any, and if Landlord so appoints such a management agent, the "**Agent**"), or pursuant to such other directions as Landlord shall designate in this Lease or otherwise in writing.

2.3. **Covenants Concerning Rental Payments.** Tenant shall pay the Rent promptly when due, without notice or demand, and without any abatement, deduction or setoff. No payment by Tenant, or receipt or acceptance by Agent or Landlord, of a lesser amount

IN WITNESS WHEREOF, Landlord and Tenant have duly executed this Lease as of the day and year first above written.

LANDLORD:

Plank Road Holdings LLC

By: Kevin Pap

Name: Kevin Pap

Its: Manager

9-14-23

Landlord's Address for Notices:

Plank Road Holdings LLC
1342 Park Row Avenue
Lakewood, Ohio 44107
Attn: Kevin Pap

With a copy to:

Frantz Ward LLP
200 Public Square, Suite 3000
Cleveland, Ohio 44114
Attn: Daniel P. Hinkel, Esq.

TENANT:

Advance Glass Sales Services, LLC

By: [Signature]
Name: William S. Eppich 9/4/23
Its: owner

Tenant's Address for Notices:

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37 thru 48	\$1,038.09
49 thru 60	\$1,069.23

[Handwritten signature and initials over the table]

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IN WITNESS WHEREOF, Landlord and Tenant have duly executed this Lease as of the day and year first above written.

LANDLORD:

Plank Road Holdings LLC

By: Kevin Pap

Name: Kevin Pap

Its: Manager

9-14-23

Landlord's Address for Notices:

Plank Road Holdings LLC
1342 Park Row Avenue
Lakewood, Ohio 44107
Attn: Kevin Pap

With a copy to:

Frantz Ward LLP
200 Public Square, Suite 3000
Cleveland, Ohio 44114
Attn: Daniel P. Hinkel, Esq.

TENANT:

Advance Glass Sales Services, LLC

By: [Signature]
Name: William S. Eppich 9/14/23
Its: owner

Tenant's Address for Notices:

AG ADVANCE GLASS

SERVING RESIDENTIAL
& COMMERCIAL
MARKETS

REPLACEMENT
WINDOWS &
DOORS

REPLACEMENT OF
FOGGED INSULATED
UNITS

MIRRORS
TABLE TOPS

216-712-4071



1411

LAUDERDALE





City of Lakewood
Board of Building Standards •
Architectural Board of Review •
Sign Review Board

P: (216) 529-6630
F: (216) 529-5907
planning@lakewoodoh.gov

Application Cover Page

Docket No.: 02-16-26

Permit No.: BBS26-000002

Applicant Name: Jeffrey Foster, Payto Architects

Project Address: 1374 W. 117th St.

Project Name: Norton Industries

Project: Applicant proposes a storefront renovation.



Jeff Foster

From: Tricia Rhea <marypatriciarhea@gmail.com>
Sent: Monday, January 12, 2026 6:50 PM
To: Jeff Foster
Subject: ABR. Lakewood Property

As the property owner of 1374 W. 117th Street I authorize the city of Lakewood to access the exterior of my property relative to the recent application for the architectural review board by my design team.

Please call if any questions.

PERMIT & CONSTRUCTION DOCUMENTS FOR:

1374 W 117TH STREET STOREFRONT RENOVATION 1374 W 117TH STREET LAKEWOOD, OH 44107

PREPARED FOR:

NORTON INDUSTRIES

C/O TRICIA RHEA
1374 W 117TH STREET
LAKEWOOD, OH 44107



AGE OF PHOTO:
EARLY 1970S

A
A001 HISTORIC PHOTO
NO SCALE



405 Bradley Building 1220 West Sixth Street Cleveland, Ohio 44113 (216)241-6800 WWW.PAYTOARCHITECTS.COM

STRUCTURAL ENGINEER:
ORAVEC DESIGN-BUILD
219 W AURORA RD, SUITE G
NORTHFIELD, OHIO 44067

DRAWING INDEX

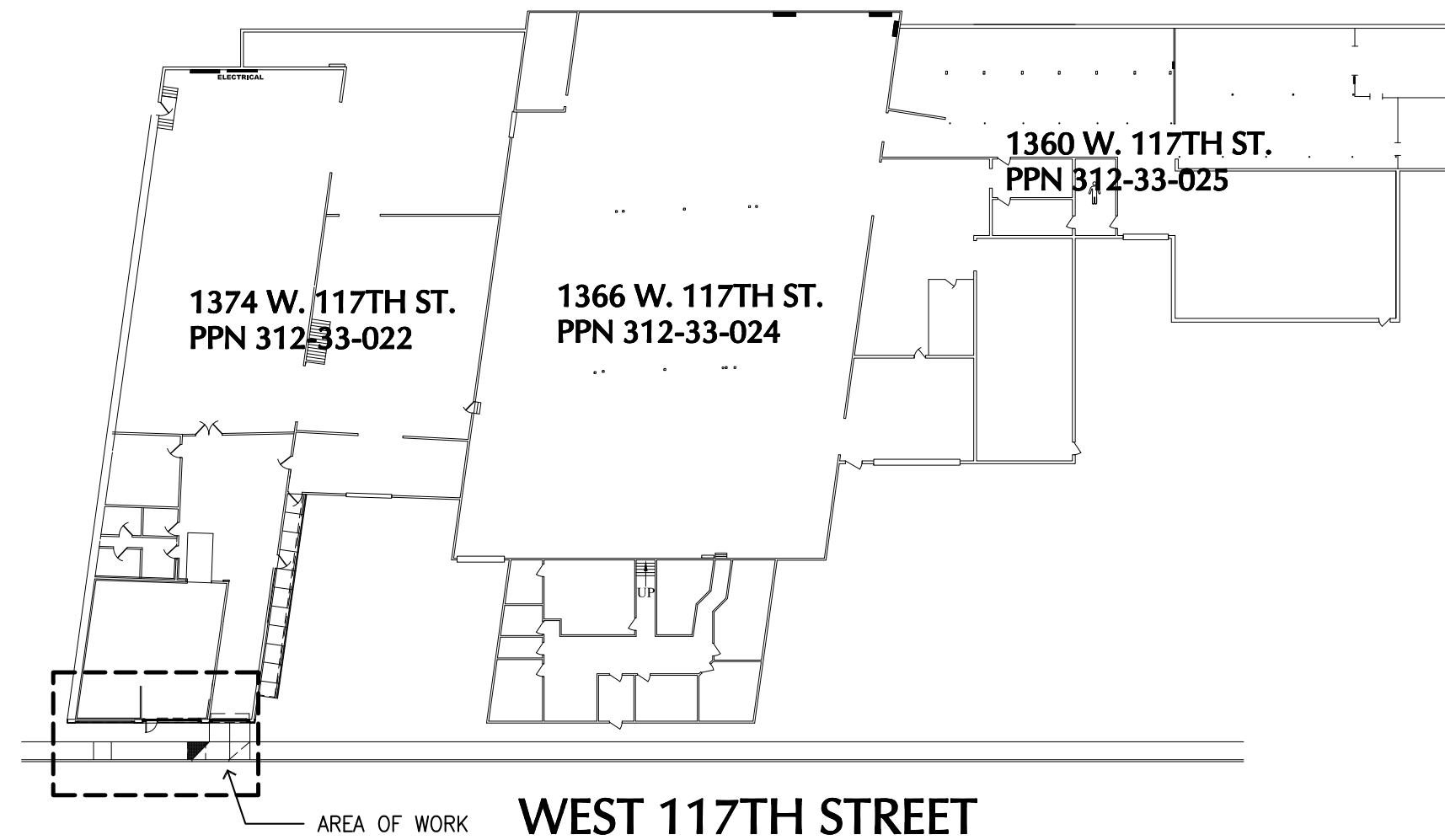
A001	TITLE SHEET, DEMO PLAN, DRAWING INDEX
A110	FLOOR PLAN
A210	EXTERIOR ELEVATIONS
A610	DETAIL SECTIONS, GENERAL NOTES AND SPECS.

SYMBOL LEGEND

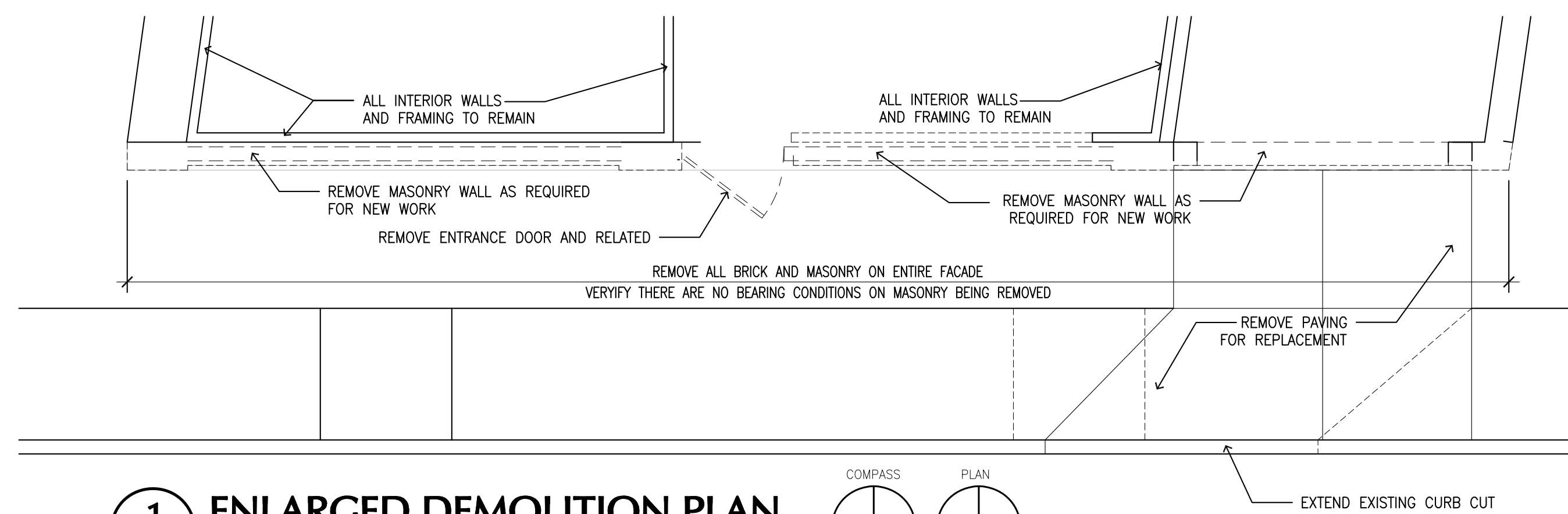
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	SHEET NUMBER LOCATION ON SHEET		DETAIL SECTION REFERENCE
	SHEET NUMBER		DETAIL REFERENCE
	LOCATION ON SHEET		NORTH ARROW W/WIDE LEG POINTING TO PROJECT NORTH
	SHEET NUMBER		COLUMN CENTERLINE LOCATION AND REFERENCE IN DETAIL AND ELEVATION
	FINISHED FLOOR ELEV. 0'-0"		VERTICAL ELEVATION INDICATOR
	REVISION MARK		ROOF DETAIL DESIGNATION
	ROOF PLAN KEYNOTE		

GENERAL NOTES

- CONTRACTOR(S) SHALL CHECK AND VERIFY ALL DIMENSIONS, CONDITIONS AND NOTES AT THE SITE AND NOTIFY THE ARCHITECT OF ANY AND ALL IRREGULARITIES, CONFLICTS, OR DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF ANY FABRICATION OR CONSTRUCTION.
- SHOULD THERE BE ANY CONFLICT OR DISCREPANCY BETWEEN THE CONSTRUCTION NOTES SHOWN ON THESE DRAWINGS AND THE TECHNICAL SPECIFICATIONS CONTAINED IN THE PROJECT MANUAL, THE MORE RESTRICTIVE CONDITION OF THE TWO SHALL APPLY.
- DO NOT SCALE DRAWINGS. ALL WRITTEN DIMENSIONS SHALL GOVERN. ALL INSTALLATIONS SHALL BE ACCURATELY FIELD MEASURED PRIOR TO FABRICATION.
- ALL MATERIALS AND PRODUCTS ARE TO BE FABRICATED AND INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS AND DIRECTION. ALL RELATED MATERIALS (FASTENERS, ADHESIVES, ACCESSORIES, ETC.) SHALL BE APPROVED BY THE MANUFACTURER. ANY FIELD ENGINEERING SHALL BE PERFORMED BY THE INSTALLING CONTRACTOR IF REQUIRED BY THE MANUFACTURER.
- INSTALLATION OF ALL MATERIALS SHALL PROVIDE FOR NECESSARY EXPANSION AND CONTRACTION PER THE MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS BASED ON THE PARTICULAR INSTALLATION SITUATION AND POSITION.



2
A001 KEY PLAN
NO SCALE

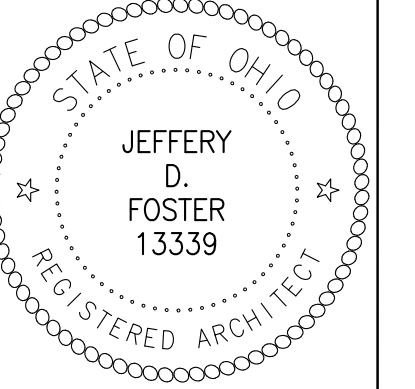


1
A001 ENLARGED DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

ISSUED FOR PERMITS & CONSTRUCTION:
JANUARY 12, 2026

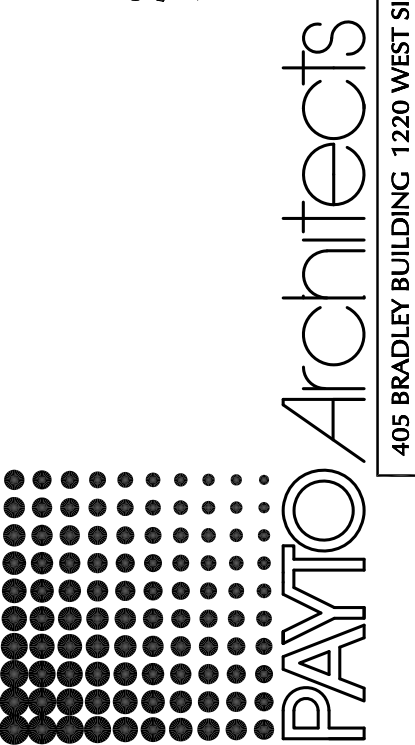
ISSUE DATE: 01.12.26

PRINTS FULL SCALE
ON 24"x36" SHEET



JEFFERY FOSTER, LICENSE 13339
EXPIRATION DATE: 12/31/27

NORTON INDUSTRIES
STOREFRONT RENOVATION
1374 WEST 117TH STREET
LAKEWOOD, OH 44107



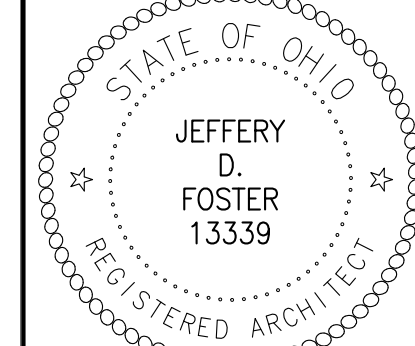
TITLE SHEET, DEMO
PLAN, GENERAL NOTES
DRAWING INDEX

PA PROJECT NO. 2025-02
CURRENT DATE 01-12-26

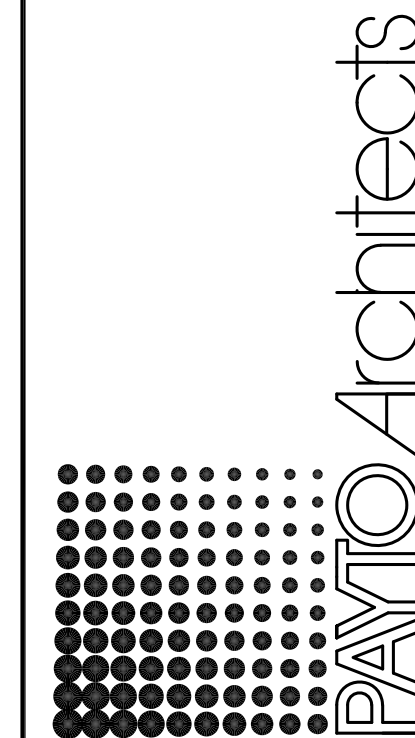
A001

PERMIT & CONSTRUCTION
DOCUMENTS

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

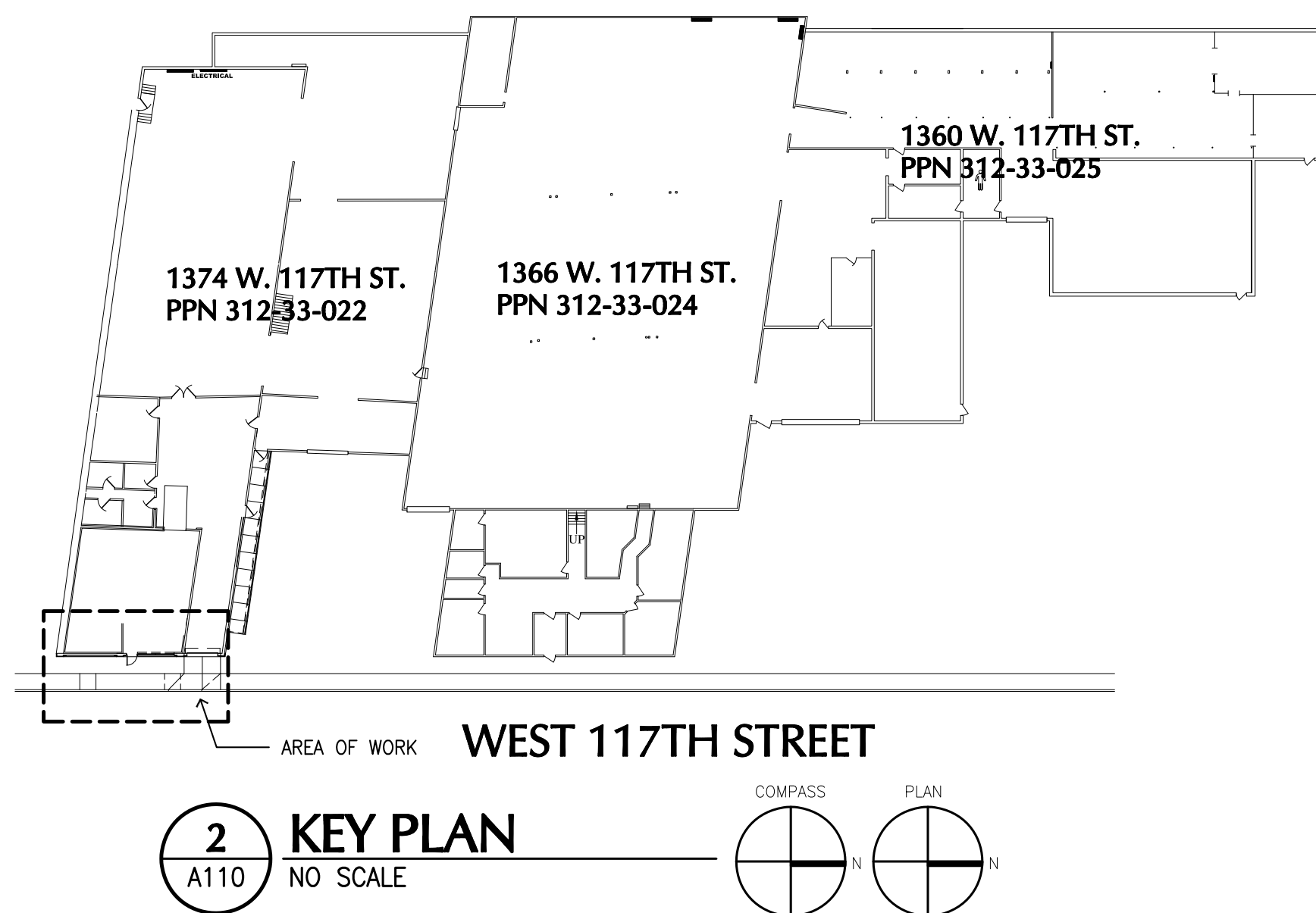


NORTON INDUSTRIES
STOREFRONT RENOVATION
1374 WEST 117TH STREET
LAKEWOOD, OH 44107



FLOOR PLAN & IMAGES OF EXISTING

A110



2 KEY PLAN
A110 NO SCALE

BUILDING CODE DATA:

THIS PROJECT IS DESIGNED UNDER AND COMPLIES WITH THE 2024 OHIO EXISTING BUILDING CODE (OBC), CURRENT EDITION AND ALL REFERENCED CODES. THE PROJECT IS DESIGNED PER 301.3.2 WORK AREA COMPLIANCE METHOD AND THE WORK IS CLASSIFIED AS ALTERATION LEVEL 1- PER SECTION 602.

THE SCOPE OF THE PROJECT IS THE RESTORATION AND REPAIR OF AN EXISTING STOREFRONT. THE MASONRY ABOVE THE PREVIOUSLY INFILLED OPENINGS HAS DETACHED FROM THE SUBSTRATE AND THE SUPPORTING LINTELS HAVE FAILED. DUE TO BUDGET CONSTRAINTS, THE EXISTING MASONRY IS BEING REPLACED WITH WOOD FRAMING AND THE EXTERIOR IS BEING CLAD IN FIBER CEMENT SIDING AND COMPOSITE TRIM. A NEW COILING OVERHEAD DOOR IS BEING INSTALLED TO ACCOMMODATE ACCESS TO THE INTERIOR.

TOTAL WORK AREA: 107 SF OF BUILDING WALL WORK AND 54 LF OF RETAINING WALL
 USE GROUP: B - BUSINESS (NO CHANGE FROM EXISTING)
 OCCUPANT LOAD: N/A - WORK HAS NO IMPACT ON OCCUPANT LOAD
 TYPE OF CONSTRUCTION: TYPE 2B
 (PER OBC TABLE 601)

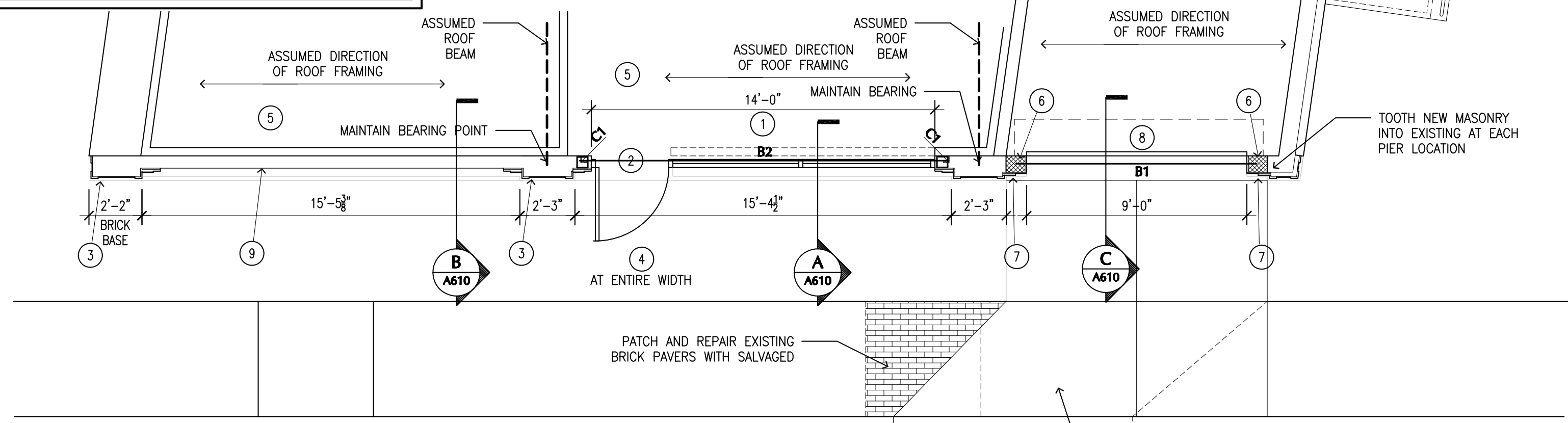
KEYNOTE LEGEND - FLOOR PLAN

- 1 ALUMINUM STOREFRONT WITH SPANDREL GLASS. DARK BRONZE FINISH FRAMING EQUAL TO KAWNEER 451T. GLASS TO BE 1" INSULATED UNITS. TEMPERED AS REQUIRED PER CODE.
- 2 3'-0" X 7'-0" ALUMINUM STOREFRONT ENTRANCE DOOR, DARK BRONZE FINISH. GLASS TO BE INSULATED TEMPERED UNITS.
- 3 3/4" X 4" AZEK TRIM WITH PAINTED CEMENT BOARD PANELS.
- 4 PATCH AND REPAIR EXISTING CONCRETE SILL AT FORMER STOREFRONT.
- 5 ALL INTERIOR CONSTRUCTION TO REMAIN IN TACT. PROTECT AS REQUIRED DURING ALL WORK. PROVIDE TEMPORARY ENCLOSURES AND WATER PROTECTION AS REQUIRED.
- 6 CMU PIERS, GROUTED SOLID AT EACH JAMB OF DOOR.
- 7 PAINTED AZEK TRIM AND PANELING ON WOOD FURRING, ATTACHED TO CMU WALL INFILL.
- 8 COILING OVERHEAD DOOR. SEE ELEVATION FOR SPECIFICATIONS.
- 9 CEMENT BOARD PANELS WITH AZEK TRIM. SEE SECTION AND ELEVATION FOR DETAIL.

STRUCTURAL LEGEND

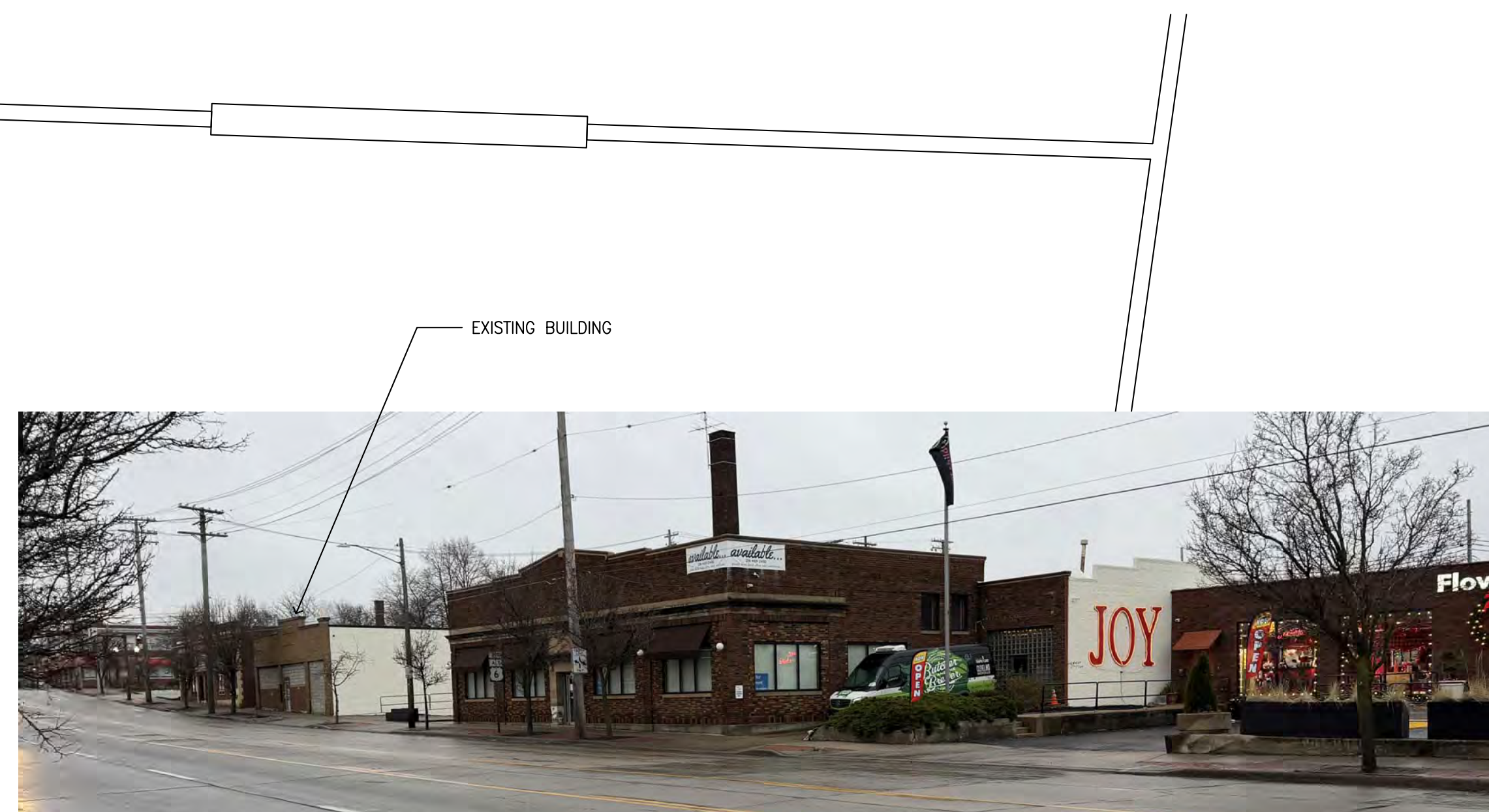
- (3) 2X6 STUDS FULL HEIGHT AND (2) 2X6 JACK STUDS
- MASONRY PIER: 8" MINIMUM BEARING ON SOLID GROUTED CMU WITH (2) #5 BARS VERTICAL.
- B1 W12X26 WITH 3/8" STEEL PLATE.
- B2 (2) 2X12

NOTE: ASSUMING NO ROOF JOINTS OR BEAMS ARE BEARING ON ANY OF THE ABOVE MEMBERS. FIELD VERIFY. CONTACT DESIGN PROFESSIONAL IF ANY OF THESE CONDITIONS DIFFER.



1 ENLARGED FLOOR PLAN
A110 SCALE: 1/4" = 1'-0"

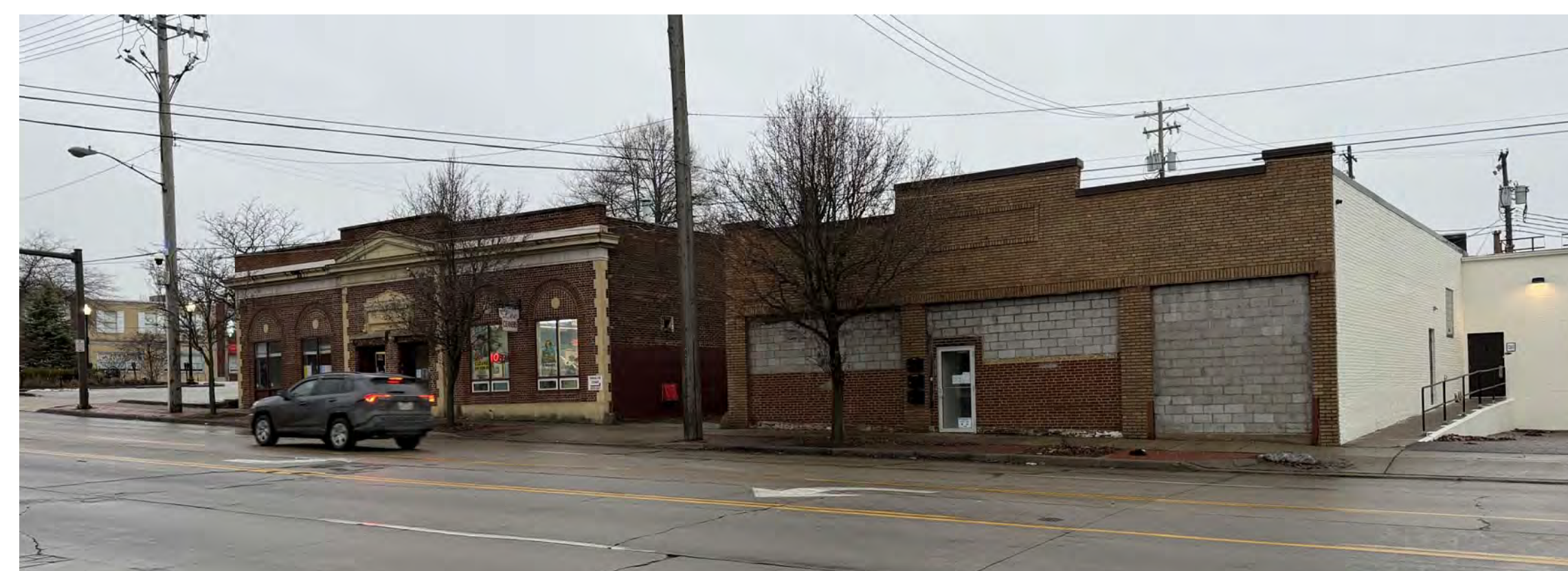
NEW CONCRETE APRON AND CURB DOWEL INTO EXISTING AT ENTIRE PERIMETER. DETAILS PER CITY OF LAKEWOOD STANDARDS



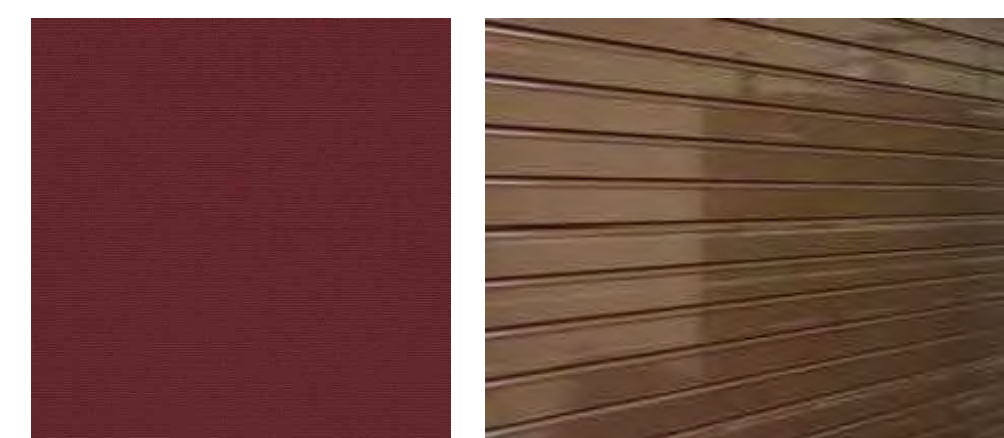
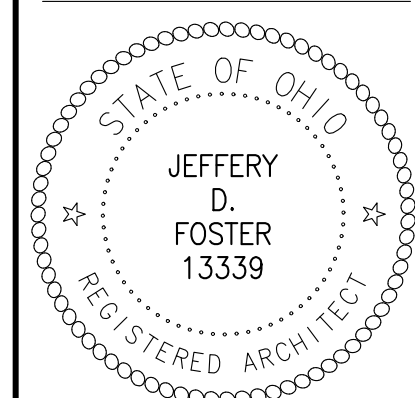
C EXISTING VIEW FROM NORTH LOOKING SOUTHWEST
A110 NO SCALE



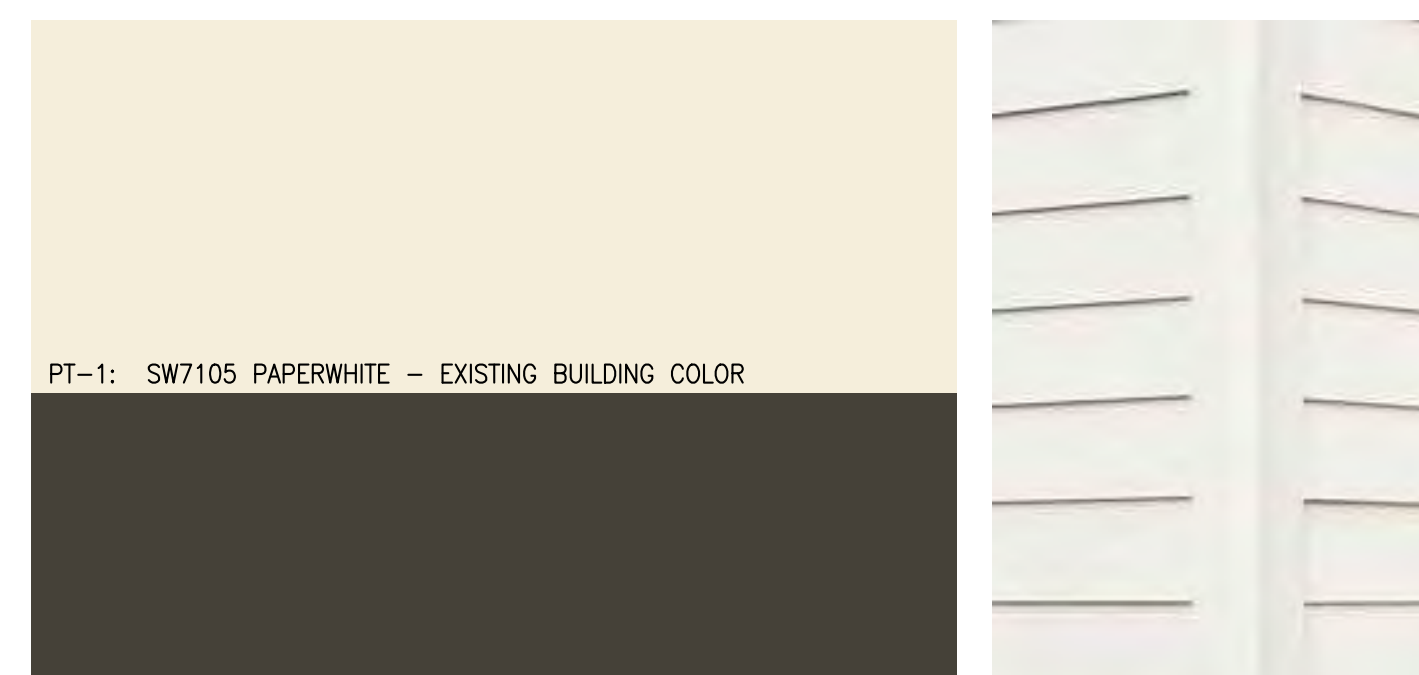
B EXISTING BUILDING TO THE NORTH
A110 NO SCALE



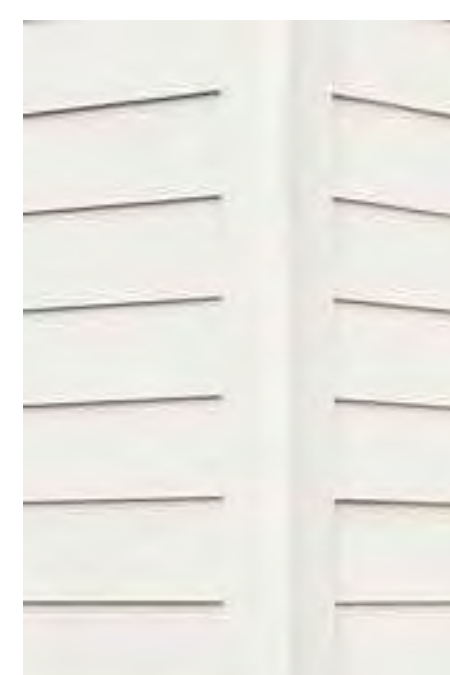
A EXISTING CONDITIONS AND BUILDING TO THE SOUTH
A110 NO SCALE



AWNING FABRIC SUNBRELLA BURGUNDY
CORNELL / COOKSON INSULATED COILING DOOR - BROWN POWDER COATED

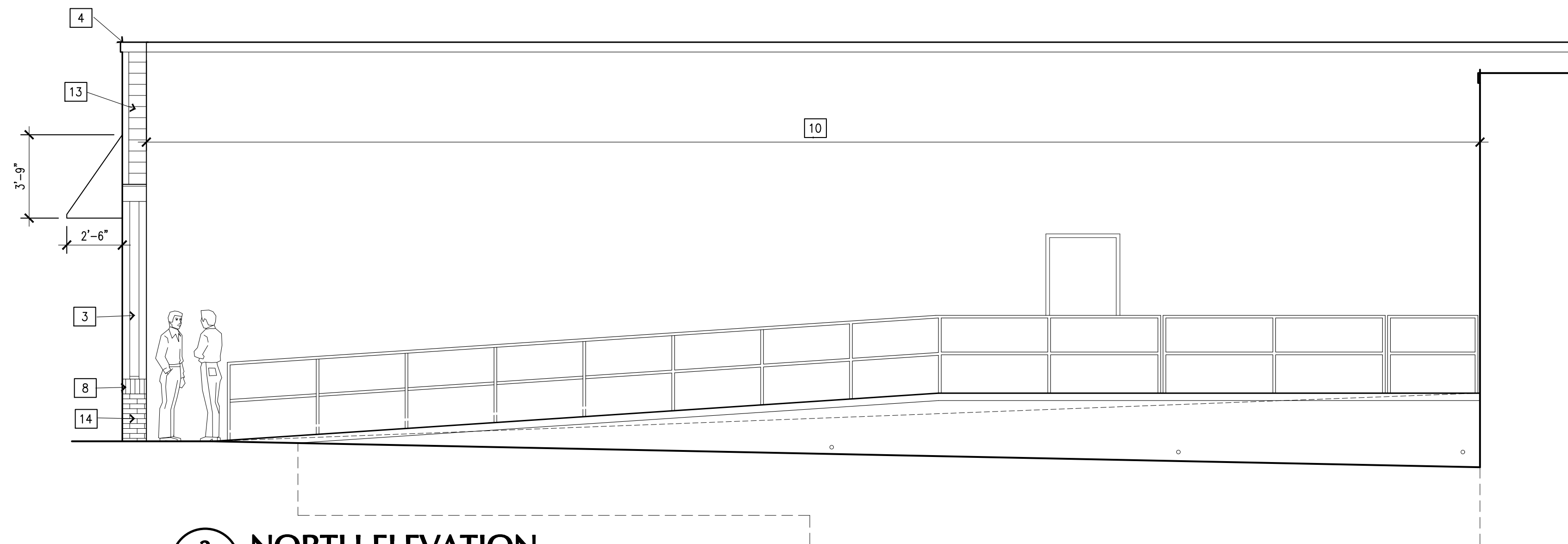


PT-1: SW7105 PAPERWHITE - EXISTING BUILDING COLOR
PT-2: SW7675 SEALSKIN- MASONRY, TRIM COLOR (MATCHES STOREFRONT)



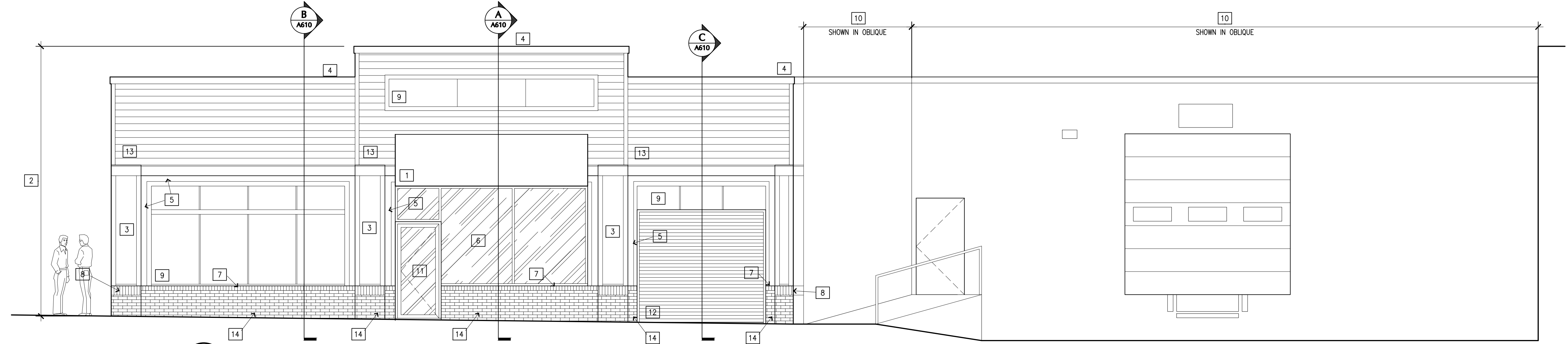
FIBER CEMENT SIDING - 6" EXPOSURE FINISH TO MATCH PT-1

A RENDERING OF PROPOSED
A210 NO SCALE



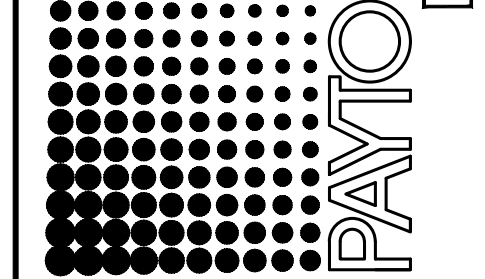
3 NORTH ELEVATION
A210 SCALE: 1/4" = 1'-0"

KEYNOTE LEGEND - ELEVATIONS	
1	AWNING WITH WELDED ALUMINUM FRAME AND SUNBRELLA CANVAS COVER. CLOSED ENDS IN MATCHING FABRIC.
2	ENTIRE MASONRY WALL HAS FAILED. REMOVE AND REPLACE WITH WOOD FRAMING. SEE SECTION FOR ADDITIONAL.
3	PAINTED CEMENT BOARD PANELS WITH 1/2" AZEK TRIM AT PERIMETER.
4	METAL COPING SYSTEM OVER PT WOOD NAILERS.
5	PAINTED AZEK TRIM OVER WOOD FRAMING AND BLOCKING.
6	NEW ALUMINUM STOREFRONT IN DARK BRONZE ANODIZED FINISH WITH SPANDREL GLASS - VITRO WARM GREY
7	BRICK ROWLOCK WITH BREAK METAL FLASHING AT TOP. COLOR OF FLASHING TO MATCH SIDING OR STOREFRONT.
8	BRICK SOLDIER COURSE WITH BREAK METAL FLASHING AT TOP. COLOR OF FLASHING TO MATCH SIDING.
9	PAINTED CEMENT BOARD PANEL WITH PERIMETER TRIM AND VERTICAL REVEALS EQUAL TO TAMLIN RV516, 1/2" WIDE. PAINT TO MATCH SIDING.
10	PREVIOUSLY PAINTED WALLS AND SURFACES. ALL PAINTED PT-1
11	ALUMINUM STOREFRONT ENTRANCE DOOR.
12	PRE-FINISHED COILING OVERHEAD DOOR
13	CEMENT BOARD SIDING, 6" EXPOSURE. FACTORY FINISH FIRST COAT, SECOND COAT APPLIED IN FIELD. COLOR TO BE PT-1.
14	BRICK VENEER WITH PAINTED FINISH. COLOR TO BE PT-2.



2 EAST ELEVATION
A210 SCALE: 1/4" = 1'-0"

NORTON INDUSTRIES
 STOREFRONT RENOVATION
 1374 WEST 117TH STREET
 LAKEWOOD, OH 44107
PAYTO Architects
 405 BRADLEY BUILDING, 1220 WEST SIXTH STREET CLEVELAND, OHIO 44113
 PHONE: (216) 241-6800
 WWW.PAYTOARCHITECTS.COM



EXTERIOR ELEVATIONS
 PA PROJECT NO. 2025-02
 CURRENT DATE 01.12.26

GENERAL STRUCTURAL NOTES:

- A. GENERAL**
- THE DRAWINGS SHOW THE GENERAL DETAILS OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER WHERE ADDITIONAL DETAILS ARE REQUIRED, OR WHERE CONDITIONS ARE ENCOUNTERED THAT ARE NOT ANTICIPATED BY THE DRAWINGS.
 - THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS. NOTIFY STRUCTURAL ENGINEER OF ANY DISCREPANCIES.
 - THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE AND ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING CONSTRUCTION. THIS INCLUDES THE ADDITION OF WHATEVER SHORING, TEMPORARY BRACING, UNDERPINNING, EARTH RETENTION, ETC. THAT MAY BE NECESSARY.
- B. DESIGN CRITERIA**
- STRUCTURAL DESIGN STANDARDS:**
OHIO BUILDING CODE (CURRENT EDITION)
BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318)
SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301)
AMERICAN INSTITUTE OF STEEL CONSTRUCTION SPECIFICATIONS (AISC)
NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS)
BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530)
 - FLOOR LIVE LOADS:**
MAIN FLOOR = 100 PSF (SLAB-ON-GRADE)
 - ROOF LIVE LOAD:**
MINIMUM = 30 PSF
SNOW = 30 PSF+DRIFT (PER ASCE 7)
Pg = 30 PSF
Ce = 1.0 (EXPOSURE B, PARTIALLY EXPOSED)
Ct = 1.0 (R>25)
 - WIND LOAD:**
BASIC WIND SPEED (3 SEC GUST) = 115 MPH
Iw = 1.0 (CATEGORY I), EXPOSURE B
Gcpl = 1.0 (ENCLOSED, H LESS THAN 60 FT., EXPOSURE B)
DESIGN WIND PRESSURE FOR EXTERIOR COMPONENT & CLADDING: REFER TO OBC TABLE 1609.6.2.1(2) AND USE H=15 FT AND EXPOSURE C, ADJUSTMENT COEFFICIENT = 1.29

- C. FOUNDATION NOTES**
- DESIGN ALLOWABLE SOIL BEARING PRESSURE = 2000 PSF (ASSUMED)
THE CONTRACTOR IS TO VERIFY ALLOWABLE SOIL BEARING PRESSURE DURING FOUNDATION CONSTRUCTION.
 - ALL FOOTINGS SHALL PROJECT AT LEAST 1'-0" INTO UNDISTURBED SOIL. BOTTOMS OF ALL EXTERIOR FOOTINGS SHALL BE AT LEAST 3'-6" BELOW FINISHED GRADE.
 - ALL DISTURBED EARTH UNDER FOOTINGS SHALL BE REPLACED WITH CONCRETE. ALL BEARING STRATA SHALL BE ADEQUATELY DRAINED BEFORE FOUNDATION CONCRETE IS PLACED.
 - ELEVATIONS SHOWN ARE FOR BIDDING PURPOSES. IF SOIL OF THE DESIGN CAPACITY IS NOT ENCOUNTERED AT THE ELEVATIONS SHOWN, THE FOOTINGS SHALL BE LOWERED OR THE SIZE AND REINFORCEMENT ADJUSTED AS DIRECTED BY THE ENGINEER.

D. CONCRETE REINFORCEMENT:

- ASTM A-615 GRADE 60 REINFORCING BARS
- ASTM A-185 FOR WELDED WIRE FABRIC (WWF)
- NO TACK WELDING OF REINFORCING IN THE FIELD SHALL BE PERMITTED.
- MINIMUM LAP SPLICE AND ANCHORAGE DIMENSION TABLE FOR NON-COATED BARS:

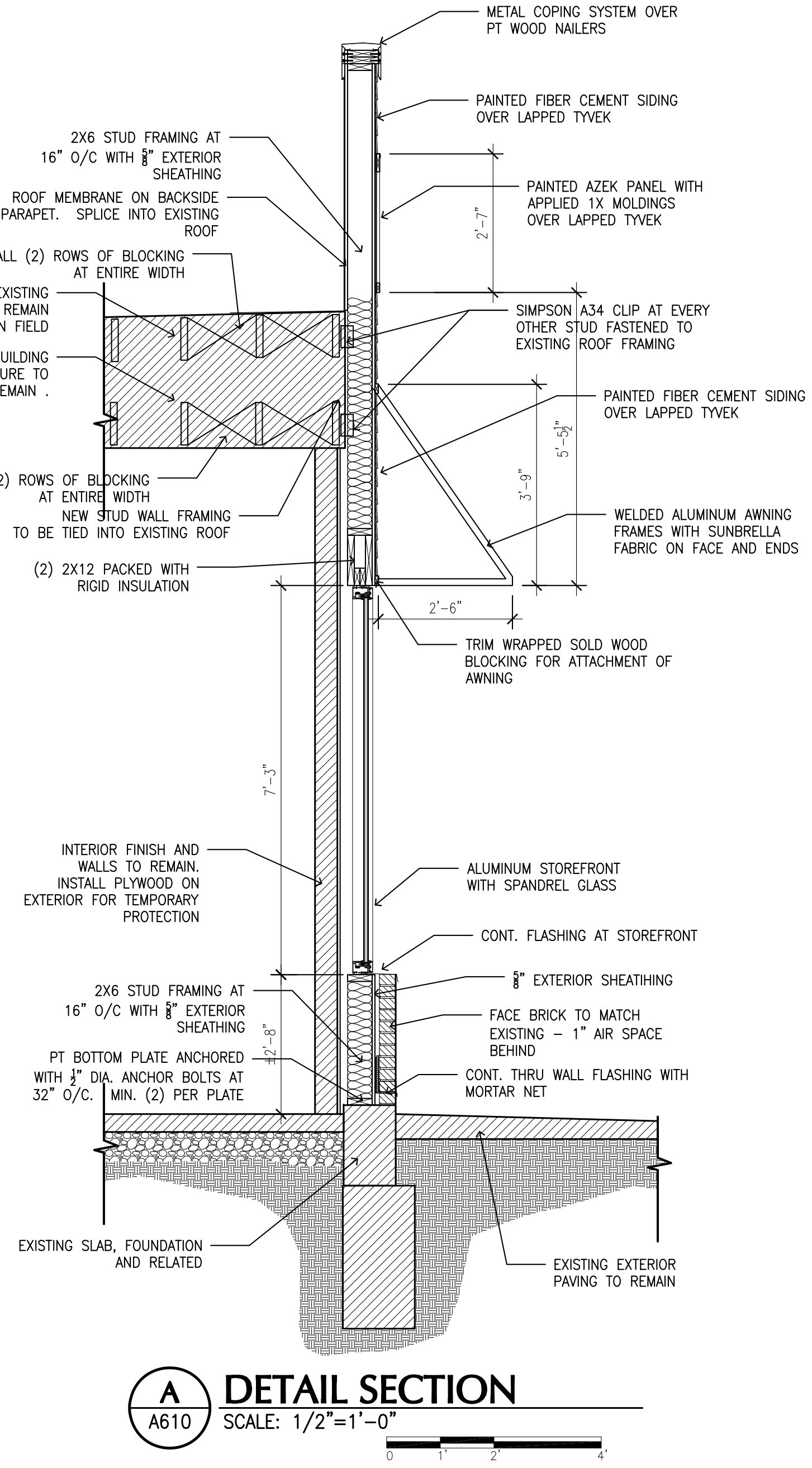
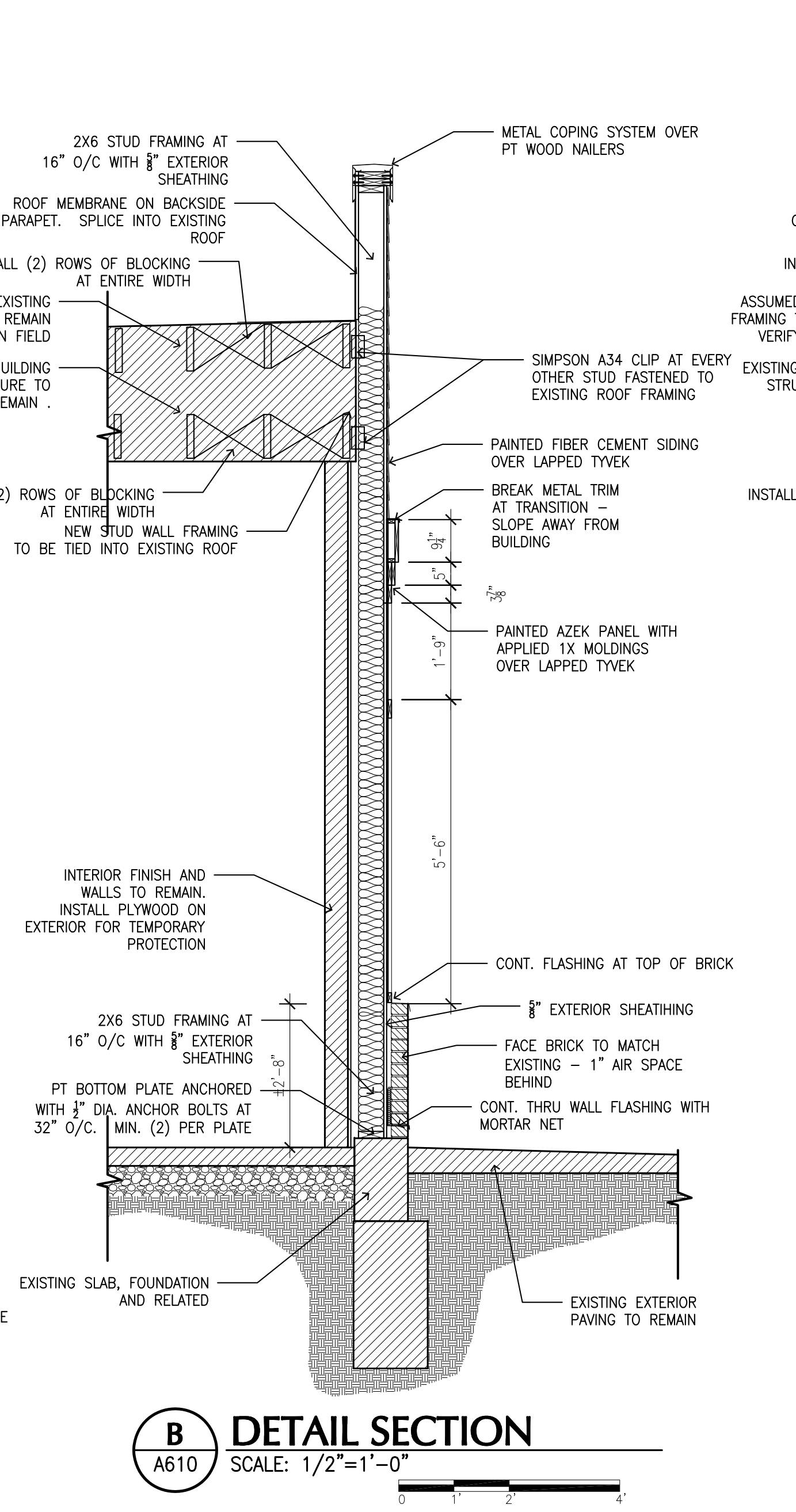
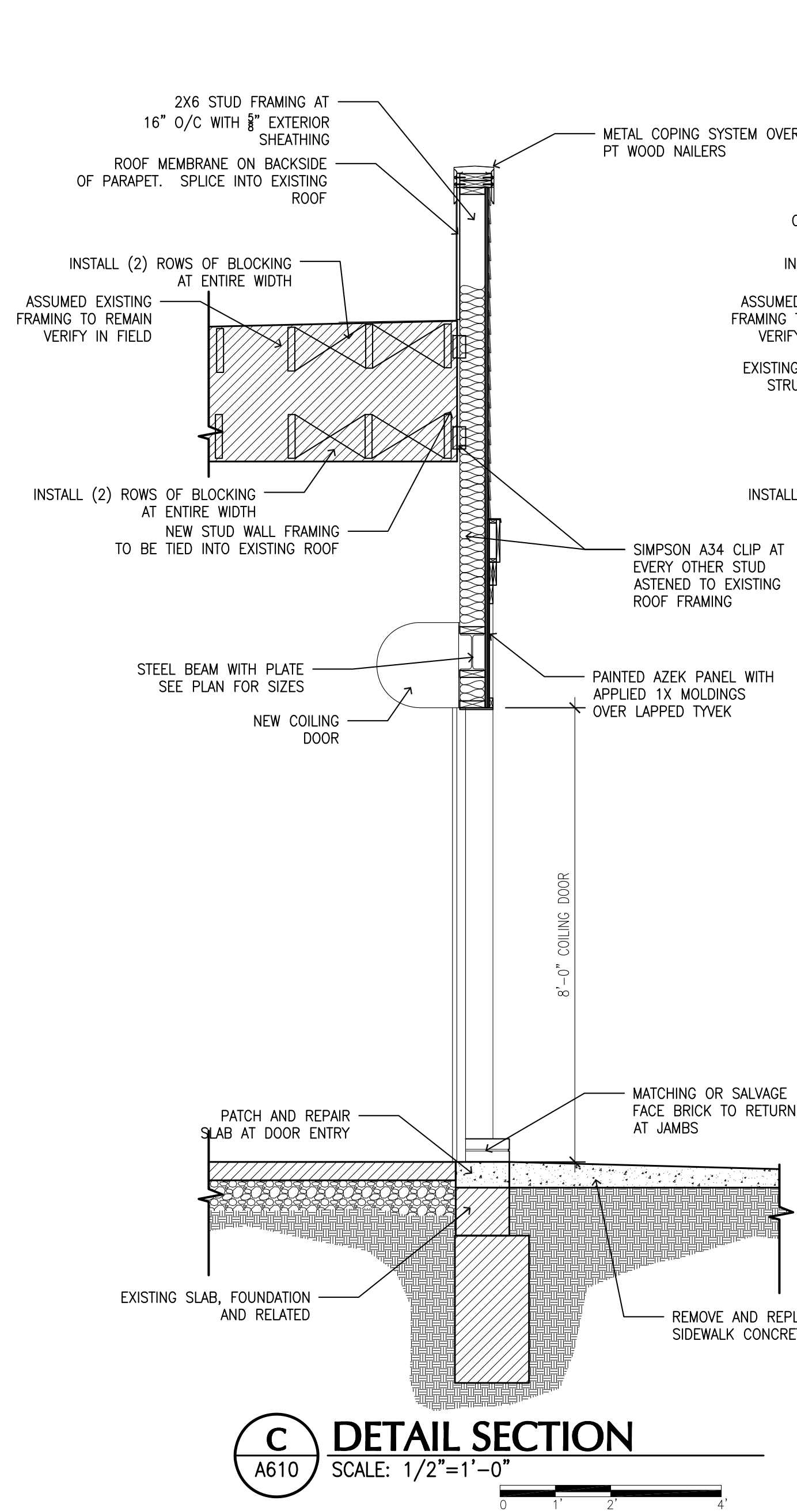
BAR SIZE	3000 PSI CONCRETE		OTHER BARS		4000 PSI CONCRETE		OTHER BARS	
	LAP	ANCHORAGE	LAP	ANCHORAGE	LAP	ANCHORAGE	LAP	ANCHORAGE
#3	21"	16"	16"	13"	18"	14"	14"	14"
#4	28"	22"	22"	17"	24"	19"	15"	15"
#5	35"	27"	27"	21"	30"	24"	24"	18"
#6	46"	35"	35"	27"	40"	31"	31"	24"
#7	63"	48"	48"	37"	54"	42"	42"	32"
#8	82"	63"	63"	49"	71"	55"	55"	42"
#9	104"	80"	80"	62"	90"	69"	69"	54"
#10	MS	102"	102"	78"	MS	88"	88"	68"
#11	MS	125"	MS	96"	MS	108"	MS	83"
#14	MS	170"	MS	131"	MS	147"	MS	113"
#18	MS	250"	MS	192"	MS	216"	MS	166"

WHEN LAPPING TWO DIFFERENT SIZE BARS, USE THE LAP DIMENSION OF THE SMALLER BAR OR THE ANCHORAGE OF THE LARGER BAR.
MS = MECHANICAL SPLICE THAT DEVELOPS 125 PERCENT OF THE BAR YIELD STRENGTH. THE "LENTON REBAR SPLICE" MAY BE USED IN LIEU OF MS.

- E. CONCRETE (REGULAR WEIGHT):**
- ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS AS FOLLOWS:
- | LOCATION | STRENGTH | SLUMP | AIR CONTENT |
|---------------|----------|---------|--------------------|
| FOUNDATIONS | 3000 PSI | MAX. 5" | NONE |
| SLAB-ON-GRADE | 4000 PSI | MAX. 4" | 6% +/-1% (EXPOSED) |
| WALLS | 3000 PSI | MAX. 3" | 6% +/-1% (EXPOSED) |
| FORMED SLABS | 4000 PSI | MAX. 3" | NONE |
- G. MASONRY:**
- WALLS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST ACI 530.7/ASCE 530/TMS 602 SPECIFICATION FOR MASONRY STRUCTURES.
 - HOLLOW CONCRETE MASONRY UNITS SHALL BE ASTM C90, TYPE 1, WITH A MINIMUM COMPRESSIVE STRENGTH OF 1,900 PSI (AVE. NET AREA).
 - BRICK MASONRY UNITS SHALL BE ASTM C216, GRADE SW, WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,400 PSI (AVE. NET AREA).
 - MORTAR FOR LOAD BEARING (REINFORCED AND NON-REINFORCED) WALLS SHALL BE ASTM 476 TYPE S WITH A SPECIFIED 28 DAY COMPRESSIVE STRENGTH OF 1800 PSI.
 - MORTAR FOR NON-LOAD BEARING PARTITION WALLS SHALL BE TYPE N WITH A SPECIFIED 28 DAY COMPRESSIVE STRENGTH OF 750 PSI.
 - GROUT STRENGTH SHALL BE 3000 PSI MINIMUM. SLUMP TO BE 8" TO 10". PLACE GROUT IN 4'-0" (MAX.) LIFTS.
 - REINFORCING SPLICES SHALL BE LAPPED 48 BAR DIAMETERS.
 - ALL MASONRY UNITS SHALL HAVE GALVANIZED HORIZONTAL REINFORCEMENT AS FOLLOWS:
LADDER TYPE, #9 GAGE SIDE AND CROSS RODS SPACED 16" O.C. VERTICALLY (8" O.C. VERTICALLY FOR ALL WALLS BELOW GRADE).
 - PROVIDE 16" THICK (MIN.) SOLID OR GROUTED MASONRY UNDER ALL STEEL BEARING ON MASONRY.
 - PROVIDE VERTICAL WALL REINFORCING AS NOTED ON PLAN AND (2)-#5 AT ALL CORNERS AND AT EDGE OF WALL OPENINGS GREATER THAN 7'-0" HIGH.

- H. LINTELS FOR MASONRY OPENINGS:**
- PROVIDE 8" MINIMUM BEARING FOR ALL CONCRETE MASONRY LINTELS AND 4" MINIMUM BEARING FOR ALL STEEL LINTELS UP TO 6'-0" AND 8" MINIMUM BEARING FOR SPANS GREATER THAN 6'-0".
 - PROVIDE LINTELS IN ACCORDANCE WITH THE FOLLOWING SCHEDULE FOR ALL OPENINGS IN MASONRY WALLS, U.N.O.:
- | OPENING SIZE | LINTEL SIZE | REINF. (2" COVER) |
|--------------------------------|--------------------------|-------------------|
| LESS THAN 4'-0" | L3-1/2x3-1/2x5/16 | (1) #5 T&B |
| FROM 4'-0" TO LESS THAN 5'-0" | L4x3-1/2x5/16 LLV | (1) #6 T&B |
| FROM 5'-0" TO LESS THAN 6'-0" | L5x3-1/2x5/16 LLV | (2) #5 T&B |
| FROM 6'-0" TO LESS THAN 7'-0" | L6x3-1/2x5/16 LLV | (2) #6 T&B |
| FROM 7'-0" TO LESS THAN 10'-0" | W8x13 + 1/4 BOTTOM PLATE | (2) #6 T&B |
- CONCRETE MASONRY LINTELS: (f'c = 3000 PSI)**
- | OPENING SIZE | LINTEL SIZE (WxH) | REINF. (2" COVER) |
|--------------------------------|-------------------|-------------------|
| LESS THAN 4'-0" | 12x8 OR 8x8 | (1) #5 T&B |
| FROM 4'-0" TO LESS THAN 5'-0" | 12x8 OR 8x8 | (1) #6 T&B |
| FROM 5'-0" TO LESS THAN 6'-0" | 12x8 OR 8x8 | (2) #5 T&B |
| FROM 6'-0" TO LESS THAN 7'-0" | 12x8 OR 8x8 | (2) #6 T&B |
| FROM 7'-0" TO LESS THAN 10'-0" | 12x16 OR 8x16 | (2) #6 T&B |
- USE ONE ANGLE FOR EACH 4" WIDTH OF MASONRY.
 - HOT DIP GALVANIZE ALL MISCELLANEOUS STEEL LINTELS IN EXTERIOR WALLS.

- I. STRUCTURAL STEEL:**
- ALL STRUCTURAL STEEL BEAM AND CHANNEL SECTIONS SHALL CONFORM TO: ASTM A992 (Fy=50KSI)
 - OTHER SECTIONS AND PLATE SHALL CONFORM TO: ASTM A36 (Fy=36 KSI)
 - HSS/TS SECTIONS SHALL CONFORM TO: ASTM A500 GRADE B (Fy=46 KSI)
 - ANCHOR BOLTS SHALL CONFORM TO: ASTM F1554 (Fy=36 KSI)
(PROVIDE G185 HOT-DIPPED GALVANIZED BOLTS WHEN USED IN CONTACT WITH TREATED LUMBER.)
 - DETAILING, FABRICATION AND ERECTION SHALL CONFORM TO THE LATEST AISC SPECIFICATIONS.
 - ALL STRUCTURAL STEEL WHICH IS NOT SPRAY FIREPROOFED SHALL BE SHOP PRIMED.
 - PROVIDE AISC STANDARD CONNECTIONS USING 3/4" DIA. ASTM A325-N BOLTS.
 - DESIGN CONNECTIONS FOR FULL STRENGTH OF MEMBER FOR SPAN PER AISC BEAM LOAD TABLES.
 - ALL WELDING SHALL BE DONE USING E-70XX ELECTRODES PER THE LATEST AWS SPECIFICATIONS.
- J. STEEL JOISTS AND JOIST GIRDERS:**
- ALL STEEL JOISTS, JOISTS SUBSTITUTES, BRIDGING AND JOIST GIRDERS SHALL CONFORM TO THE LATEST STEEL JOIST INSTITUTE (SJI) STANDARD SPECIFICATIONS.
 - DETAILING, FABRICATION AND ERECTION SHALL CONFORM TO THE LATEST SJI SPECIFICATIONS INCLUDING HANDLING AND ERECTION OF STEEL JOISTS AND JOIST GIRDERS.
 - LOCATE ALL CONCENTRATED LOADS (MECHANICAL EQUIPMENT, ETC.) AT JOIST PANEL POINTS OR PROVIDE FIELD APPLIED WEB STIFFENERS AS DIRECTED BY ENGINEER.



ISSUE DATE: 01.12.26

PRINTS FULL SCALE ON 24"X36" SHEET

STATE OF OHIO
JEFFERY D. FOSTER
REGISTERED ARCHITECT
13339

JEFFERY FOSTER, LICENSE 13339
EXPIRATION DATE: 12/31/27

NORTON INDUSTRIES
RAMP REPAIR AND DOOR INSTALLATION
1374 WEST 117TH STREET
LAKEWOOD, OH 44107

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

DETAIL SECTIONS & GENERAL NOTES SPECIFICATIONS

PA PROJECT NO. 2025-02
CURRENT DATE 01.12.26

A610

PERMIT & CONSTRUCTION DOCUMENTS

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City of Lakewood
Board of Building Standards •
Architectural Board of Review •
Sign Review Board

P: (216) 529-6630
F: (216) 529-5907
planning@lakewoodoh.gov

Application Cover Page

Docket No.: 02-17-26

Permit No.: BBS26-000003

Applicant Name: Bridget Gouker

Project Address: 1654 Waterbury Rd.

Project Name: N/A

Project: Applicant proposes construction of a new single family home.

2. *Handwritten signature*

1654 Waterbury Rd.

Bridget Gouker

Lot Hardships

- The lot is only 40 feet wide
- There is a fire hydrant on the left side of the treelawn
- The elevation of the lot is extremely higher on the left side of the lot than the right (see attached topo)
- In order to avoid having to build an expensive and large retaining wall down the left side of the lot, I would like to put the house as close to the right side of the lot as possible and have the garage in the front of the house
- House is surrounded by multi-family houses

Attached front facing garages on Parkwood



Attached front facing garages on Parkwood



Attached front facing garage on Chesterland



Attached front facing garages on Hilliard Rd.



Attached front facing garage on Mars Ave.



Attached front facing garage on Reveley Ave.



Attached front facing garages on Bunts Rd.



Attached front facing garages across the city



Modern architecture and new construction in the city



Modern architecture and new construction in the city



CERTIFICATE OF CONFORMANCE

Premium Board & Batten

MATERIAL SPECIFICATIONS

All products meet or exceed the Standard Specification for Rigid PVC Siding (ASTM D-3679) and its referenced documents. An independent laboratory through unannounced inspection of all manufacturing facilities verifies the conformance to this specification. ASTM D-3679 is the specification used by building code authorities. Where not defined in ASTM D-3679, products also meet Norandex Stringent Quality Control Standards. Norandex Board and Batten shall be extruded flat and post-formed into shapes.

PHYSICAL DATA

Panel Thickness: .052" (+/- .001")
 Color: Uniformity is spectrophotometrically controlled.
 Texture: Embossed with a cedar grain pattern.
 Lock: Optically measured and controlled.
 Gloss: Uniform low gloss maintained with a 75° glossmeter.

PRODUCT TEST DATA

Heat Shrinkage:	<3% at 160°F
Impact Resistance Mean Failure Energy: Surface	> 60 in. lb.
Distortion:	None at 120°F
Length:	Within-1/4" specification
Warp/Camber:	<1/8"
Max Sustained Windload Test Pressure:	60.0 psf
Standard Windload Design Pressure Rating:	73.3 psf * (ASD)
Maximum Windspeed:	174 MPH* (ASD)
Coefficient of Linear Expansion (in/in/°F)	<4.5x10 ⁻⁵

* Windspeed calculations based on VSI, ASTM D3679-17, ASCE 7-16, 30 ft. high, Exposure B

FIRE RESISTANCE

All Norandex siding, soffit and accessories have a Class A flame spread classification per 2018 International Residential Code (IRC) and International Building Code (IBC).

ASTM E84:	ASTM D1929:
Flame Spread Index: ≤25	Self-Ignition Temperature: 860°F
Smoke Developed Index: >450	ASTM D635:
Fuel Contribution: 0	Classified: CC1 **

** Tested specimens did not burn at 25 mm mark. Material was shown to be self-extinguishing. Therefore no average time of burning or average extent of burning can be calculated. For more information obtain a brochure on the fire properties of siding by contacting the Vinyl Siding Institute at www.vinylsiding.org

All Noradnex siding has been tested per ASTM D5206 for resistance to negative wind load pressures when installed with nails positioned 12" on center.

RELEVANT CODES AND REGULATIONS COMPLIANCE

ASTM D-3679, Florida Building Code Approval - FL12500, CCRR-0184.

Profiles

7"
 10' long
 17 pieces/carton
 1 squares/carton

COLORS (16)

- White
- Sierra *
- Sandstone
- Mocha *
- Russet +
- Maverick Brown +
- Firebrick +
- Cactus
- Myrtle +
- Smoke *
- Granite *
- Seaport +
- Steel Blue +
- Deep Water +
- Graphite +
- Carbon +

* Premium Colors featuring ColorHold® capping resins, a UV-Stable acrylic polymer

+ Designer Collection Color



Board & Batten

VERTICAL VINYL SIDING



Designed
to Make
Your Home
Stand Out!

The Look of Wood, the Value of Vinyl

FEATURES AND BENEFITS



.052" panel thickness, 7" panel exposure and a cedar grain pattern.

A 1/2" panel projection provides rigidity and casts deep, appealing shadow lines.



The extra thick panel combined with a heavy-duty lock ensures a safe, secure installation.



COLORHOLD® Lifetime Fade Protection

ColorHold® is a highly durable capstock that resists fading and discoloring and is backed by a limited lifetime transferable warranty*, including Lifetime Fade Protection. Specify the most brilliant and rich hues with absolute confidence.

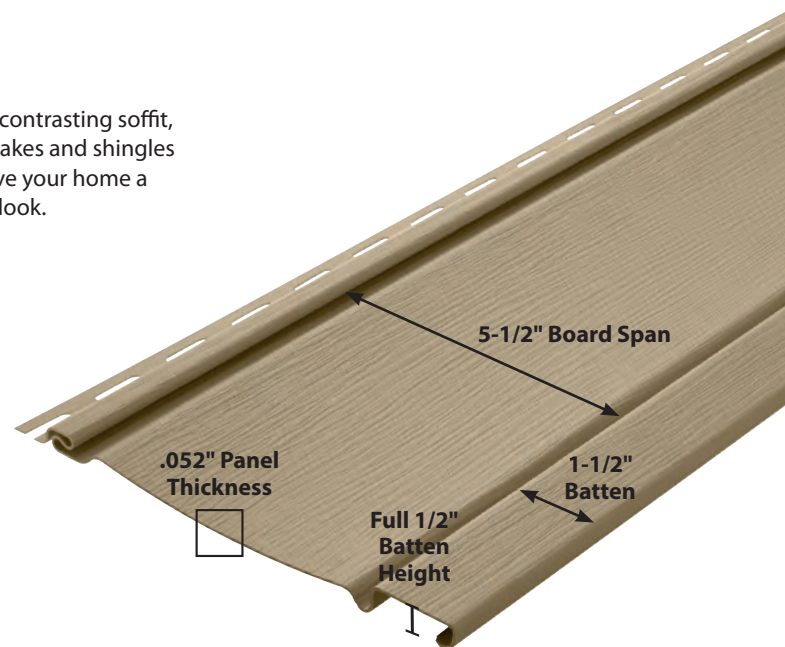
*Visit www.norandex.com to view warranty details.



Matching and contrasting soffit, accessories, shakes and shingles available to give your home a one-of-a-kind look.

7" PROFILE

The wide, flat board is accentuated with a narrow batten for an authentic Early American look.



CERTIFICATION PROGRAM
CONSULT THE VSI WEBSITE AT:
WWW.POLYMEREXTERIORS.ORG FOR A CURRENT LIST OF CERTIFIED PRODUCTS AND COLORS.

MAKE BOARD & BATTEN VERTICAL VINYL SIDING THE CHOICE FOR THE LIFE OF YOUR HOME.



Virtually maintenance free. Save time and money on upkeep costs.



Because it's solid vinyl, it won't blister, crack, flake, peel or rot like wood exteriors.



A sound investment that can help increase the resale value of your home.



22 BEAUTIFUL COLORS

White	Linen	Champagne	Sandstone
Cactus	Silver	Victorian Stone PREMIUM	Sierra PREMIUM
Mocha PREMIUM	Smoke PREMIUM	Granite PREMIUM	Harbor Fog PREMIUM
Russet DESIGNER	Maverick Brown DESIGNER	Firebrick DESIGNER	Myrtle DESIGNER
Vintage Grey DESIGNER	Seaport DESIGNER	Steel Blue DESIGNER	Deep Water DESIGNER
Graphite DESIGNER	Carbon Brown DESIGNER	Colors are mechanically reproduced. For color accuracy, please see actual product sample.	

DESIGNER COLLECTION

A beautiful collection of darker, richer colors with tremendous curb appeal, providing a real value for homeowners seeking a unique, darker finish that stands out and stands apart from others in the neighborhood.

Complement Your New Siding With Other Quality Exterior Products



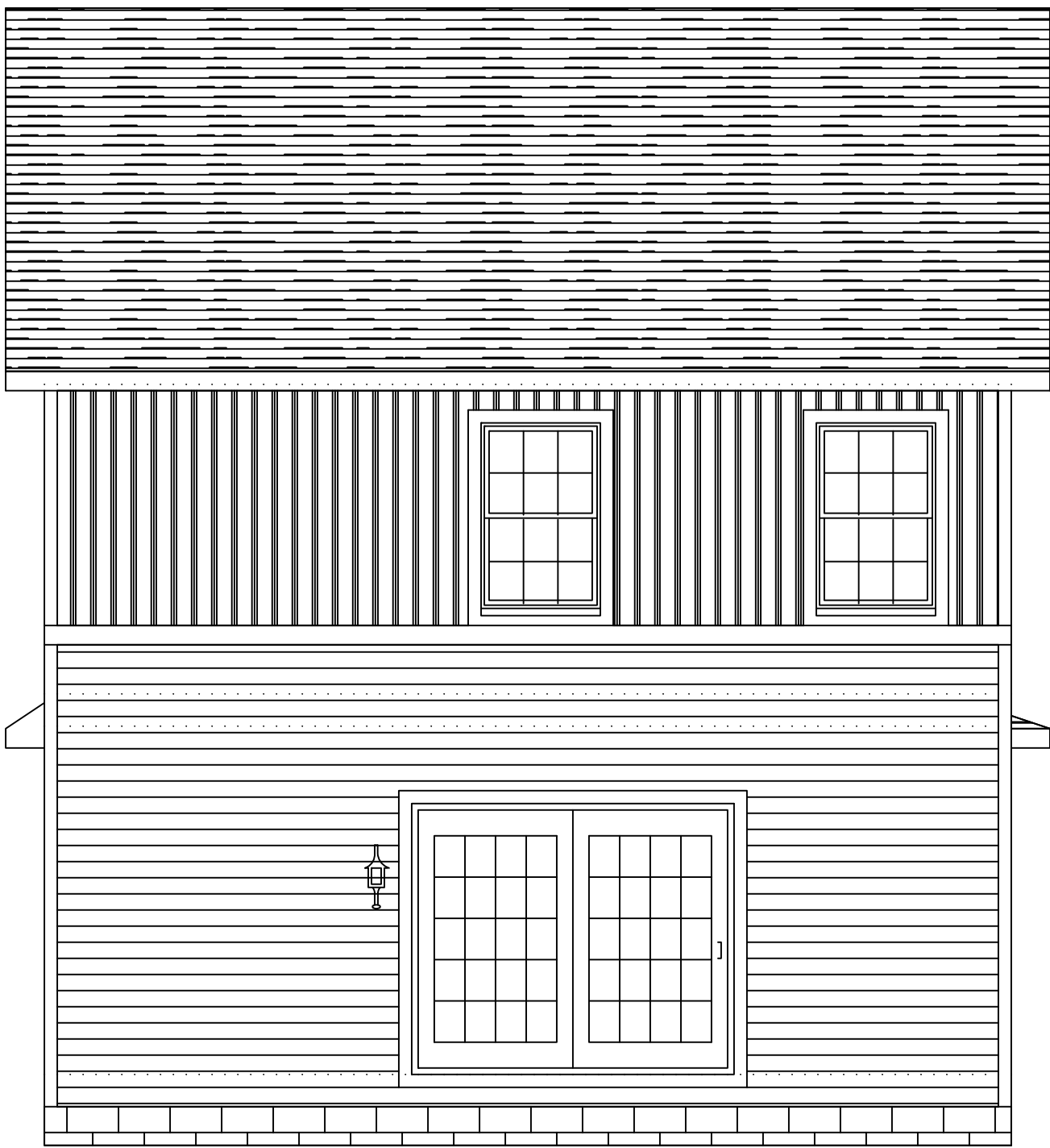
The quality of your home matters to us, which is why we provide a range of high-quality products beyond just siding to enhance and safeguard your home. Whether you need entry doors, energy-efficient windows, soffit, trim or metals, you can be assured that you have chosen reliable, top-performing products to complete your home.



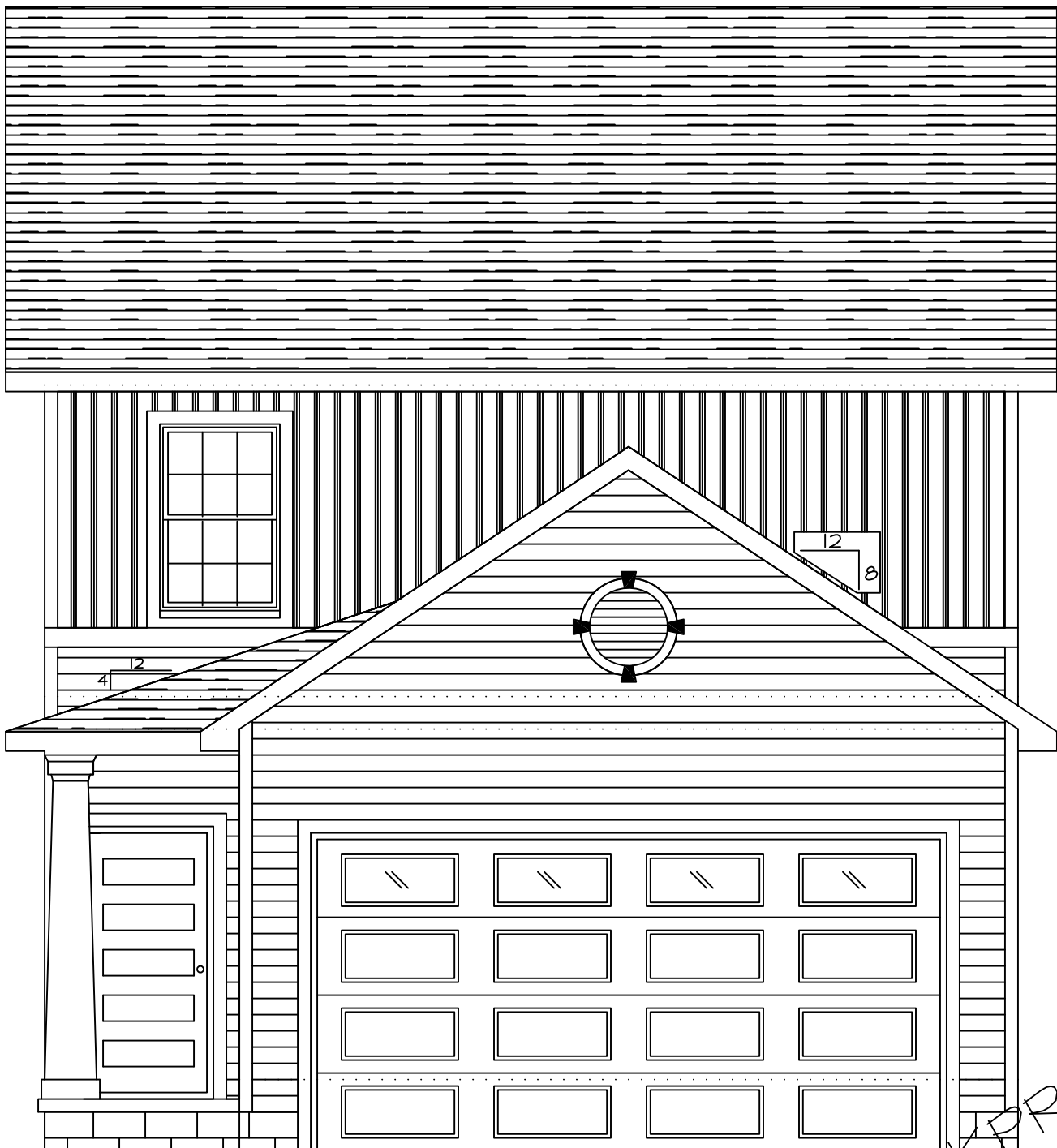
VINYL SIDING, SOFFIT & ACCESSORIES

1-800-528-0942

www.norandex.com

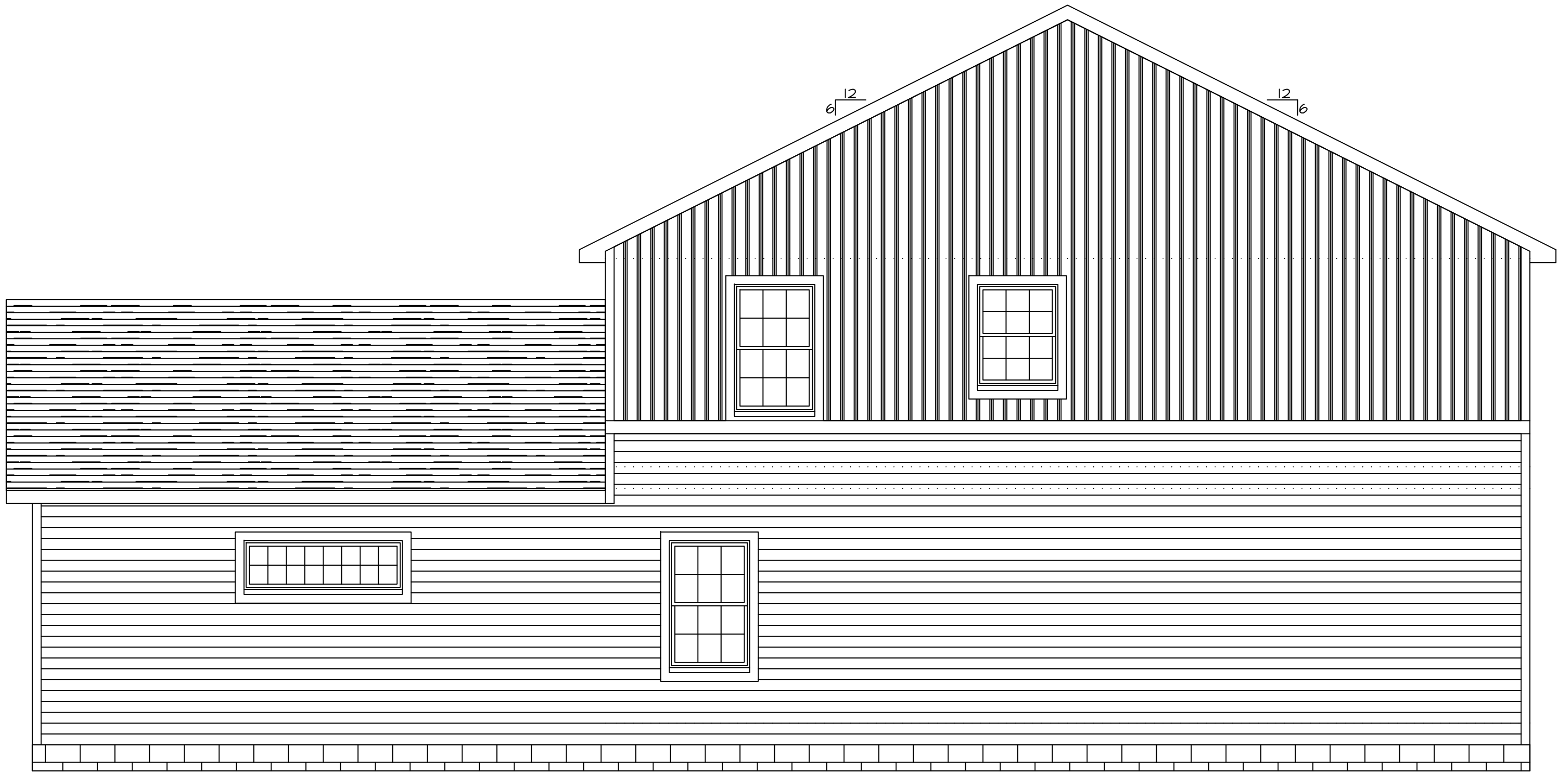


REAR ELEVATION



FRONT ELEVATION

CHECKPRINT
 NOT BUILD



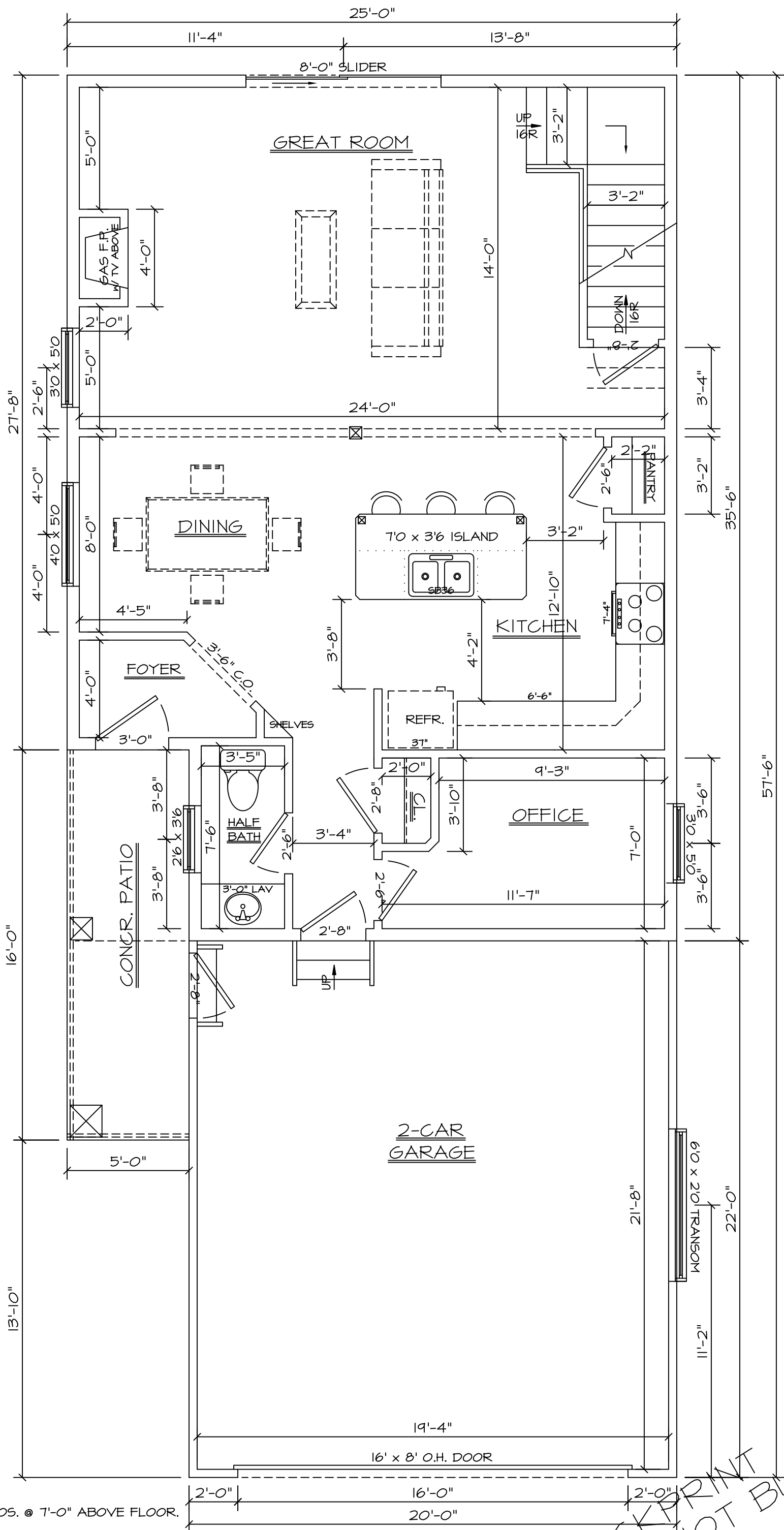
RIGHT SIDE ELEVATION

BRIDET GOUKER HOUSE	SCALE: 1/4" = 1'-0" ON 11x17" SHEET
1654 Waterbury Rd, Lakewood, OH	0 1' 2' 3' 4' 5' 6' 7' 8'
	Dwgs by: Paul A. Trimarchi, P.E. (440) 534-0754



LEFT SIDE ELEVATION

BRIDET GOUKER HOUSE	SCALE: 1/4" = 1'-0" ON 11X17" SHEET
1654 Waterbury Rd, Lakewood, OH	0 1' 2' 3' 4' 5' 6' 7' 8'
	Dwgs by: Paul A. Trimarchi, P.E. (440) 534-0754



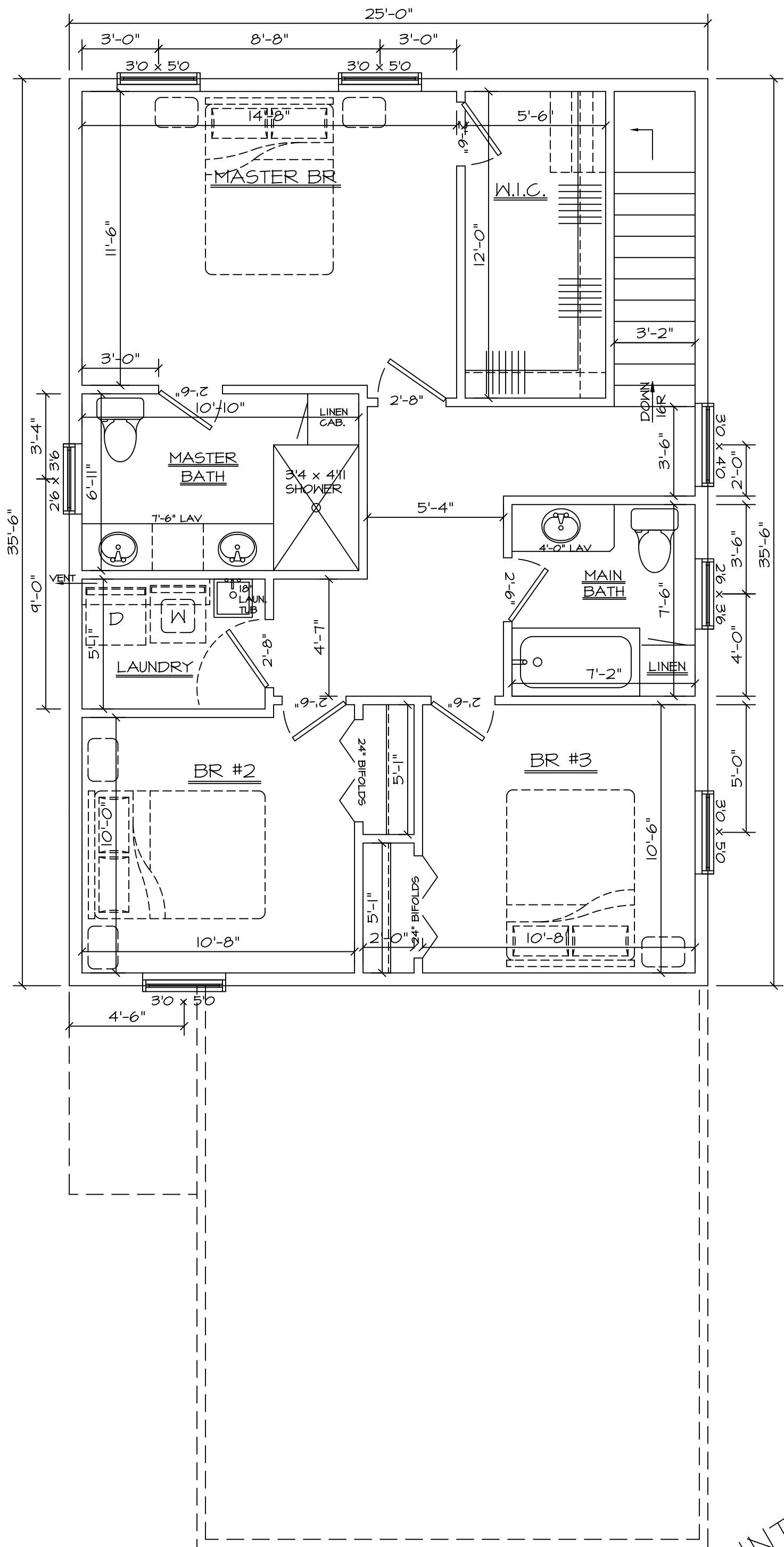
SET TOPS OF WDOS. @ 7'-0" ABOVE FLOOR.

FIRST FLOOR PLAN

848 SQ. FT. 9'-0" CLGS.

BRIDGET GOURER HOUSE		SCALE: 1/4" = 1'-0"	
1654 Waterbury Rd, Lakewood, OH		0 1' 2' 3' 4' 5' 6' 7' 8'	
Dngs by: Paul A. Trimarchi, P.E. (440) 534-0754			

CHECKPRINT NOT BUILD



VERSION 3
SECOND FLOOR PLAN
 887 SQ. FT. 8'-0" CLGS.

BRIDGET GOURER HOUSE		SCALE: 1/4" = 1'-0"	
1654 Waterbury Rd, Lakewood, OH		0 1' 2' 3' 4' 5' 6' 7' 8'	
Dwg. by: Paul A. Trimarchi, P.E. (440) 534-0754			

NECKPRINT
 NOT BUILD

Charcoal (black)
Timberline roof



Black trim, black windows with Colonial Grills (as pictured)



White Board & Batten (vertical vinyl siding) for the top half of the house



White Woodsman Select (premium vinyl siding) for the bottom half off the house







1652 1650

Plot Plan Made at the Instance of
Joe Gouker
 Lot 33
 Waterbury Heights Subdivision No. 1, Vol. 55, Pg. 18 C.C.M.R.
 Original Rockport Township Section Number 21
 City of Lakewood, County of Cuyahoga, State of Ohio
 Order No. 24-059 F.B. Data Collector
 Scale: 1" = 00' Date: 5-23-24

Contractor Notes:

PRIOR TO FOOTER EXCAVATION All items below are to be reviewed and verified by the "Contractor" and/or "Owner". Any discrepancies found on the site plan or discrepancies between the site plan and architectural plans are to be brought to the attention of Hofmann-Metzker, Inc immediately to address any revisions that may be necessary.

- Verify bench mark with existing spot elevations/contours shown on the site plan
- Verify type of connection - i.e. san or stm
- Verify prorated connection elevations
- Verify all house dimensions shown with the architectural drawings.
- Verify all various house elevations with the architectural drawings.
- If provided, verify all patio, porch, and landing elevations to determine the necessary risers/steps to reach proposed outside grade
- Verify proposed site grading and become familiar with the overall drainage concept as designed
- Follow soils engineer recommendations (if available) for footer installation. Surveyor assumes no responsibility for soil integrity and/or testing
- Footers to be below natural grade per the Municipalities specifications.
- Extend footers to a soil bearing capacity that meets the Municipalities specifications
- Use Plot Plan approved by Municipality
- Offset hub location for house staking to be determined in field.

Keynotes:

1. No Connection information provided by the City of Lakewood. Separate 6" Storm and Sanitary connection elevations and locations are assumed. Contractor to excavate and expose both laterals and verify elevation prior to footer excavation. Contractor to videotape existing laterals to the main and verify the integrity of the connections. Coordinate all work with the City of Lakewood Sewer and/or Engineering Department.

Iron Pin Monuments and stakes were found or set at all points indicated hereon. All distances and elevations are given in feet and decimal parts thereof. all of which I state to be correct.

HOFMANN-METZKER, INC.
 Registered Professional Surveyors
 24 Beech St - Berea, Ohio 44017
 (440) 234-7350 - (440) 234-5544
 Email rich@hm-surveying.com



By: _____ Registered Surveyor #7477
 Date _____

LEGEND

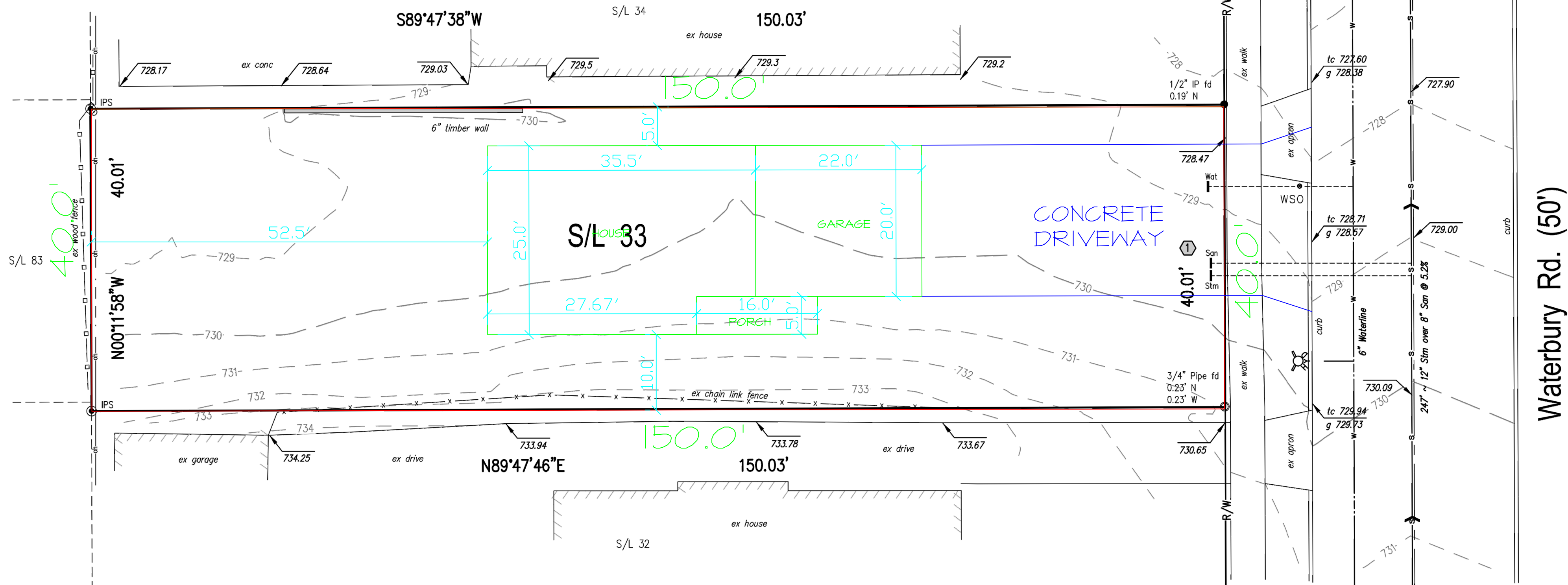
Construction Entrance	CE
Inlet Protection	IP
Silt Fence	SF
Swale	S
Runoff	~
Elevations Proposed	XXX.XX
Existing	XXX.X
Wat	Water Connection
San	Sanitary Stub
San	Storm Stub
○	Cleanout
WSO	Water Shut-off
⊕	Power Pole

Property Information

Owner: Bridget M Gouker
 Address: 1654 Waterbury Rd
 City/State: Lakewood, OH 44107
 Parcel No.: 315-06-145
 Deed: AFN 202308110459

Assumed Storm Connection
 Inv at Main - 922.1
 Inv at R/W - 922.4

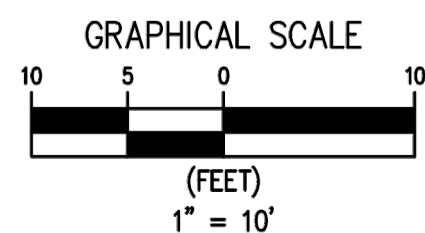
Assumed Sanitary Connection
 Inv at Main - 920.7
 Inv at R/W - 921.0



Various House Elevations

First Floor	x
Garage	x
Top Foundation	x
Basement	x
Top of Footer	x
Bottom of Footer	x

Benchmark: NGVD88
 BM1 - Top Hydrant at S/L 33
 Elevation 732.90



House added to site plan by Paul A. Trimarchi, P.E.

Combo MH
 Rim 720.10
 12" Stm 711.9
 8" San 710.5±

Combo MH
 Rim 732.43
 12" Stm 724.6
 8" San 723.2 assumed
 (San not visible)

Waterbury Rd. (50')



SKETCH
ST

GAF TimberlineHDZ[®]
High Definition[®] Lifetime[®] Shingles



Engineered to be first. Built to last.

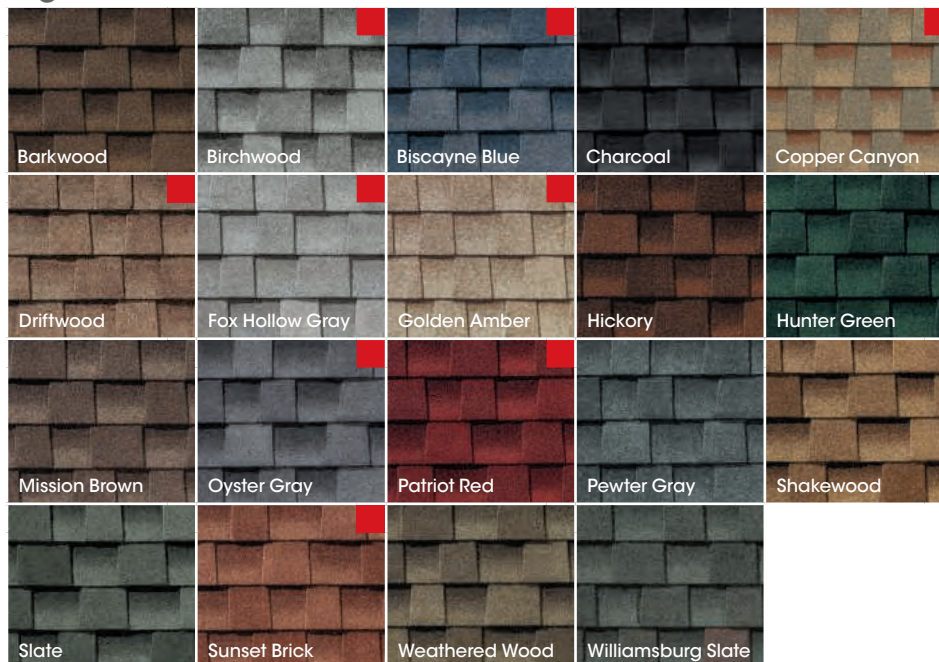
Our #1-selling shingle represents a legacy of relentless innovation — delivering the peak performance and dependability customers trust most.



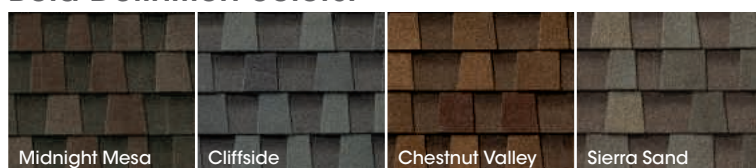
Benefits:

- Industry-leading innovation:** LayerLock® technology powers StrikeZone®, the industry's largest nailing zone. Paired with our legendary DuraGrip® sealant, these features ensure that the shingles stay in place, even under high wind conditions
- The industry's strongest wind warranty:** Timberline HDZ® shingles are eligible for the WindProven™ Limited Wind Warranty,¹ the industry's only wind warranty with no maximum wind-speed limitation, when installed with the required combination of GAF accessories
- GAF-exclusive algae fighting technology:** 25-Year StainGuard Plus™ Algae Protection Limited Warranty² powered by proprietary time-release algae-fighting technology
- Peace of mind:** Timberline HDZ® shingles come with Lifetime[†] coverage against manufacturing defects
- Impact rating:** Timberline HDZ® passes the UL 2218 impact-resistance test with a Class 3 rating and may be eligible for insurance discounts⁴
- For the best look:** Use TimberTex® premium ridge cap shingles or TimberCrest® premium SBS-modified ridge cap shingles

High Definition® colors:



Bold Definition colors:



Product details:

Product/System Specifics

- Fiberglass asphalt construction
- Dimensions (approx.):** 13 1/4" x 39 3/8" (337 mm x 1,000 mm)
- Exposure:** 5 5/8" (143 mm)
- Bundles/Square:** 3
- Pieces/Square:** 64
- Hip/Ridge:** TimberTex®; TimberCrest®
- Starter:** Pro-Start®; QuickStart®; WeatherBlocker™

Applicable Standards & Protocols:

- Passes UL 2218 Impact-Resistance Test with Class 3 rating
- UL Listed to ANSI/UL 790 Class A
- State of Florida Approved
- Classified by UL in accordance with ICC-ES AC438
- Meets ASTM D7158, Class H
- Meets ASTM D3161, Class F
- Meets ASTM D3018 Type 1
- Meets ASTM D3462³
- Miami-Dade County Product Control Approved
- ICC-ES Evaluation Reports ESR-1475 and ESR-3267
- Meets Texas Department of Insurance Requirements
- Rated by the CRRC; Can be used to comply with Title 24 Cool Roof Requirements (some colors)

[†] Lifetime refers to the length of warranty coverage provided and means as long as the original individual owner(s) of a single-family detached residence [or eligible second owner(s)] owns the property where the qualifying GAF products are installed. For other owners/structures, Lifetime coverage is not applicable. Lifetime coverage on shingles requires the use of GAF Lifetime shingles only. See the *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions. Visit gaf.com/LRS for qualifying GAF products. Lifetime coverage on shingles and accessories requires the use of any GAF Lifetime shingle and at least 3 qualifying GAF accessories. See the *GAF Roofing System Limited Warranty* for complete coverage and restrictions. For installations not eligible for the *GAF Roofing System Limited Warranty*, see the *GAF Shingle & Accessory Limited Warranty*. Visit gaf.com/LRS for qualifying GAF products.

¹ 15-year WindProven™ Limited Wind Warranty covers GAF Shingles with LayerLock® Technology only and requires the use of GAF starter strips, roof deck protection, ridge cap shingles, and leak barrier or attic ventilation. See *GAF Roofing System Limited Warranty* for complete coverage and restrictions. Visit gaf.com/LRS for qualifying GAF products. For installations not eligible for the *WindProven™ Limited Wind Warranty*, see *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions.

² 25-year StainGuard Plus™ Algae Protection Limited Warranty against blue-green algae discoloration is available only on products sold in packages bearing the StainGuard Plus™ logo. See *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions and qualifying products.

³ Periodically tested by independent and internal labs to ensure compliance with ASTM D3462 at time of manufacture.

⁴ UL 2218 Class 3 impact-resistance test performed under controlled laboratory conditions. Insurance discounts may not be available in your area. Where available, insurance discounts may vary. Contact your insurance provider for information.

⁵ Eligibility criteria, terms, and restrictions apply. Visit fortifiedhome.org for details. U.S. only.

Note: It is difficult to reproduce the color clarity and actual color blends of these products. Before selecting your color, please ask to see several full-size shingles.



Regional availability

We protect what matters most™



Woodsman Select

PREMIUM VINYL SIDING



The Warm, Natural Look of Rough-Sawn Cedar

The Look of Wood, the Value of Vinyl

FEATURES AND BENEFITS



.042" panel thickness with a low gloss natural cedar woodgrain pattern.

A 5/8" panel projection provides rigidity and casts deep, appealing shadow lines.



TitanBar™
REINFORCED NAIL HEM

A heavy-duty extended return leg snaps tightly into the TitanBar™ Reinforced Nail Hem, which is double the thickness of the siding panel under the nail head, for an installation that's solid and secure, protecting against panel blow off in adverse weather conditions.



XLOK™ TECHNOLOGY **NailRIGHT™**
SIDING INSTALLATION SYSTEM

XLoK™ Technology combines the TitanBar Reinforced Nail Hem and the NailRIGHT™ Siding Installation System, two innovations that help ensure the siding is securely interlocked and properly affixed to the wall.



COLORHOLD®
Lifetime Fade Protection

ColorHold® is a highly durable capstock that resists fading and discoloring and is backed by a limited lifetime transferable warranty*, including Lifetime Fade Protection. Specify the most brilliant and rich hues with absolute confidence.

*Visit www.norandex.com to view warranty details.



Matching and contrasting soffit, accessories, shakes and shingles available to give your home a one-of-a-kind look.



CERTIFICATION PROGRAM
CONSULT THE VSI WEBSITE AT:
WWW.POLYMEREXTERIORS.ORG FOR A CURRENT LIST OF CERTIFIED PRODUCTS AND COLORS.

MAKE WOODSMAN SELECT PREMIUM VINYL SIDING THE CHOICE FOR THE LIFE OF YOUR HOME.



Virtually maintenance free.
Save time and money on upkeep costs.



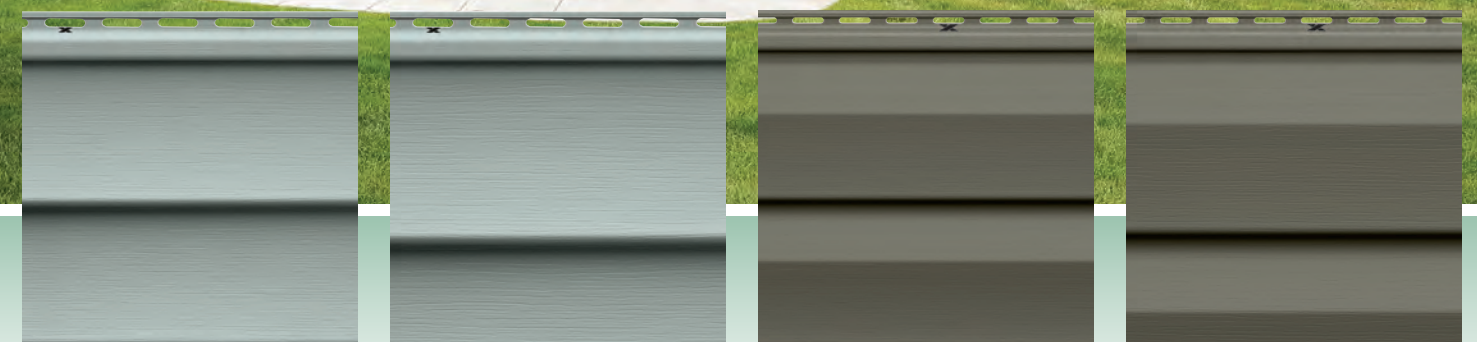
Because it's solid vinyl, it won't blister, crack, flake, peel or rot like wood exteriors.



A sound investment that can help increase the resale value of your home.



Woodsman Select Double 4" Clapboard - Granite



Double 4" Clapboard

Double 5" Clapboard

Double 4" Dutchlap

Double 5" Dutchlap

FOUR DISTINCTIVE PROFILES:

- Double 4" Clapboard
- Double 5" Clapboard
- Double 4" Dutchlap
- Double 5" Dutchlap



COLORHOLD®

Lifetime Fade Protection

ColorHold® is a highly durable capstock that resists fading and discoloring. Specify the most brilliant and rich hues with absolute confidence.

15-Year

Comparison of Fade



This is a visual representation of the actual fade that can be expected on vinyl siding and soffit.

Colors are mechanically reproduced.

Color Availability

23 BEAUTIFUL COLORS

White	Beige	Cream	Tan
Champagne	Sandstone	Cactus	Silver
Sierra PREMIUM	Tumbleweed PREMIUM	Mocha PREMIUM	Khaki PREMIUM
Fern PREMIUM	Olive PREMIUM	Smoke PREMIUM	Granite PREMIUM
Harbor Fog PREMIUM	Wedgewood PREMIUM	Russet DESIGNER	Maverick Brown DESIGNER
Seaport DESIGNER	Steel Blue DESIGNER	Graphite DESIGNER	

Colors are mechanically reproduced. For color accuracy, please see actual product sample.



AVOID:



Hidden Dangers

Nails that miss their mark can be potentially hazardous to items, like wiring and plumbing, located in the cavities between studs.



Blow Off

NailRIGHT helps guide the installer to the studs for an installation that's strong and secure, resisting blow offs.



Unnecessary Nail Usage

NailRIGHT assures the proper amount of nails are used, saving your home from unnecessary hammer hits.

NailRIGHT™
SIDING INSTALLATION SYSTEM

The "X" appears every 8" on the nailing hem as a guide to help determine location of hidden wall studs.

Your professional installation crew takes every possible precaution to make sure your new siding looks and performs its best.

They use the Norandex proprietary NailRIGHT™ Siding Installation System to help them locate and precisely nail into the framing studs. This is a very important detail because misapplied nails can cause siding to buckle, blow off in windy conditions, or be hazardous if they strike wiring or plumbing located between the studs.

NailRIGHT helps ensure an accurate and safe installation. It securely connects the siding to the wall for optimum performance. This means the beautiful siding you select will not only stand out, but will stay up, even in extreme weather conditions.



Complement Your New Siding With Other Quality Exterior Products



The quality of your home matters to us, which is why we provide a range of high-quality products beyond just siding to enhance and safeguard your home. Whether you need entry doors, energy-efficient windows, soffit, trim or metals, you can be assured that you have chosen reliable, top-performing products to complete your home.



VINYL SIDING, SOFFIT & ACCESSORIES

1-800-528-0942

www.norandex.com

CERTIFICATE OF CONFORMANCE

Woodsman Select Vinyl Siding

Woodsman Select Vinyl Siding panels are manufactured to the following specifications.

MATERIAL SPECIFICATIONS

All products meet or exceed the Standard Specification for Rigid PVC Siding (ASTM D-3679) and its referenced documents. An independent laboratory through unannounced inspection of all manufacturing facilities verifies the conformance to this specification. ASTM D-3679 is the specification used by building code authorities. Where not defined in ASTM D-3679, products also meet Norandex Stringent Quality Control Standards.

PHYSICAL DATA

Panel Thickness: .042" (+/- .001")

Panel Projection: 5/8"

Color: Uniformity is spectrophotometrically controlled.

Texture: Embossed with a low gloss natural woodgrain pattern.

Lock: Optically measured and controlled.

Gloss: Uniform low gloss maintained with a 75° glossmeter.

PRODUCT TEST DATA

Heat Shrinkage:	<3% at 160°F
Impact Resistance Mean Failure Energy: Surface	> 60 in. lb.
Distortion:	None at 120°F
Length:	Within-1/4" specification
Warp/Camber:	<1/8"
Max Sustained Windload Test Pressure:	Up to 53.3 psf
Standard Windload Design Pressure Rating:	Up to 64.4 psf*
Maximum Windspeed:	Up to 164 MPH*(ASD)
Coefficient of Linear Expansion (in/in/°F)	<4.5x10 ⁻⁵

*Windspeed calculations based on VSI, ASTM D3679-17, ASCE 7-16, 30 ft. high, Exposure B

FIRE RESISTANCE

All siding, soffit, and accessories distributed by Norandex have a Class A flame spread classification per 2018 International Residential Code (IRC) and International Building Code (IBC).

ASTM E84:	ASTM D1929:
Flame Spread Index: ≤25	Self-Ignition Temperature: 860°F
Smoke Developed Index: >450	ASTM D635:
Fuel Contribution: 0	Classified: CC1**

** Tested specimens did not burn at 25 mm mark. Material was shown to be self-extinguishing. Therefore no average time of burning or average extent of burning can be calculated. For more information obtain a brochure on the fire properties of siding by contacting the Vinyl Siding Institute at www.vinylsiding.org

For more information, obtain a brochure on the fire properties of siding by contacting the Vinyl Siding Institute at www.vinylsiding.org

RELEVANT CODES AND REGULATIONS COMPLIANCE

ASTM D-3679, Florida Building Code Approval - FL12500, Intertek CCRR-0184.

PROFILES

D4 & D4 Dutchlap
2-4" Exposure
12'6" Length
24 pieces/carton
2 squares/carton

D5 & D5 Dutchlap
2-5" Exposure
12' Length
20 pieces/carton
2 squares/carton

COLORS (22)

- White
- Beige
- Tan
- Champagne
- Sierra *
- Cream
- Sandstone
- Tumbleweed *
- Mocha *
- Russet +
- Maverick Brown +
- Cactus
- Fern *
- Khaki *
- Olive *
- Silver
- Smoke *
- Granite *
- Wedgewood *
- Seaport +
- Steel Blue +
- Graphite +

* Premium Colors featuring ColorHold® capping resins, a UV-Stable acrylic polymer

+ Designer Collection Color





City of Lakewood
Board of Building Standards •
Architectural Board of Review •
Sign Review Board

P: (216) 529-6630
F: (216) 529-5907
planning@lakewoodoh.gov

Application Cover Page

Docket No.: 02-15-26

Permit No.: BBS26-000006

Applicant Name: Thomas Yankovich, Ellet Neon Sales & Service, Inc

Project Address: 15800 Detroit Ave.

Project Name: Cleveland Clinic

Project: Applicant proposes new signage.

As per

City of Lakewood
Architectural Board of Review
12650 Detroit Avenue
Lakewood, OH 44107

(216) 521-7580

Subject: Sign Installation and Property Access Authorization at Cleveland Clinic, 15800
Detroit Road, Lakewood, OH 44107

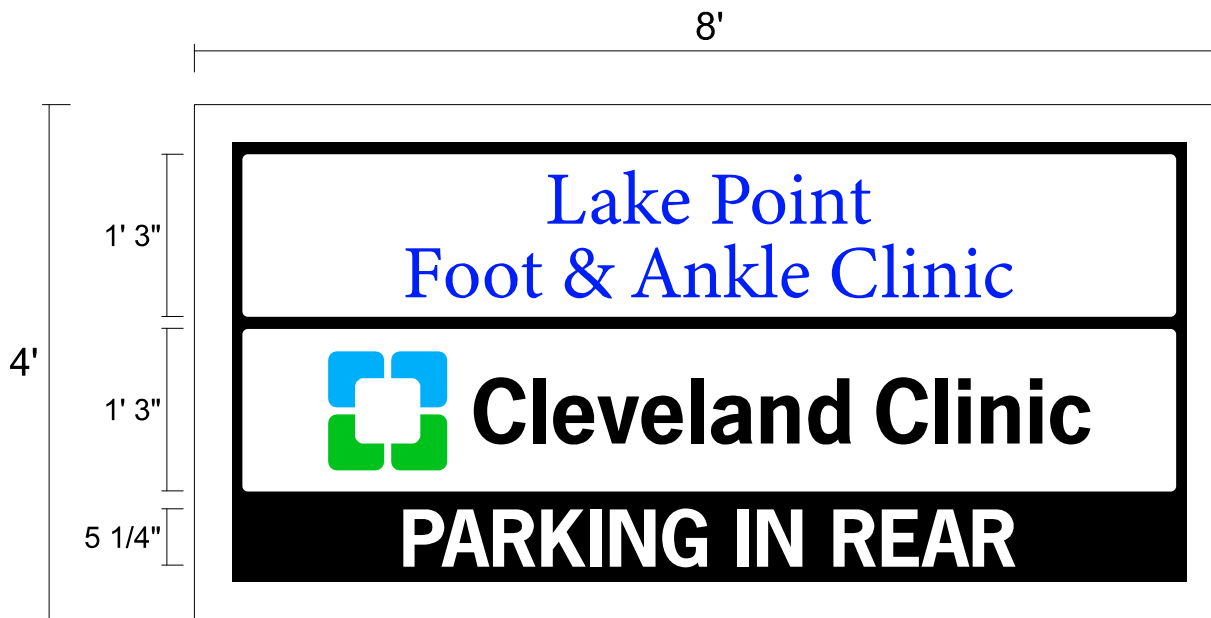
Owners Name: Dr. George Khuri, MD dba 15724 Detroit, LLC
Address: 1088 Lake Point Drive, Lakewood, OH 44107
Phone: 216-226-8700

I, the undersigned am the owner of the above named property and hereby approve the
proposed sign installation by Ellet Neon Sales & Service, Inc.

Owner/Agent Signature

Date

Print



TOTAL OF TWO (2) REPLACEMENT FACES FOR EXISTING POLE SIGN

- VACUUM FORMED POLYCARBONATE FACES WITH OPAQUE & TRANSLUCENT GRAPHICS



EXISTING VIEW

VINYL COLOR KEY

- 3M 7725-276 KENTUCKY BLUE GRASS
- 3M 7725-47 INTENSE BLUE
- 3M 7725-12 BLACK



PROPOSED VIEW

CLIENT CLEVELAND CLINIC	PROJECT/LOCATION	DATE 1/21/26	ACCOUNT REP TY	DESIGNER GK	FILE H6063 A
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This is an original, unpublished drawing created by ELLET SALES & SERVICE, INC. It is submitted for your personal use in connection with the project being planned for you by ELLET SALES & SERVICE, INC. It is not to be shown to anyone outside your organization nor is it to be used, reproduced, copied or exhibited in any fashion whatsoever. All or any part of this design (excepting registered trademarks) remain the property of ELLET SALES & SERVICE, INC.

Upon acceptance of contract or letter of quotation, ELLET SALES & SERVICE, INC. required the customer initial the copy of the sketch and indicate any changed desired and return one copy along with the signed contract to our office prior to any work being done.

NO SCALE

APPROVED _____

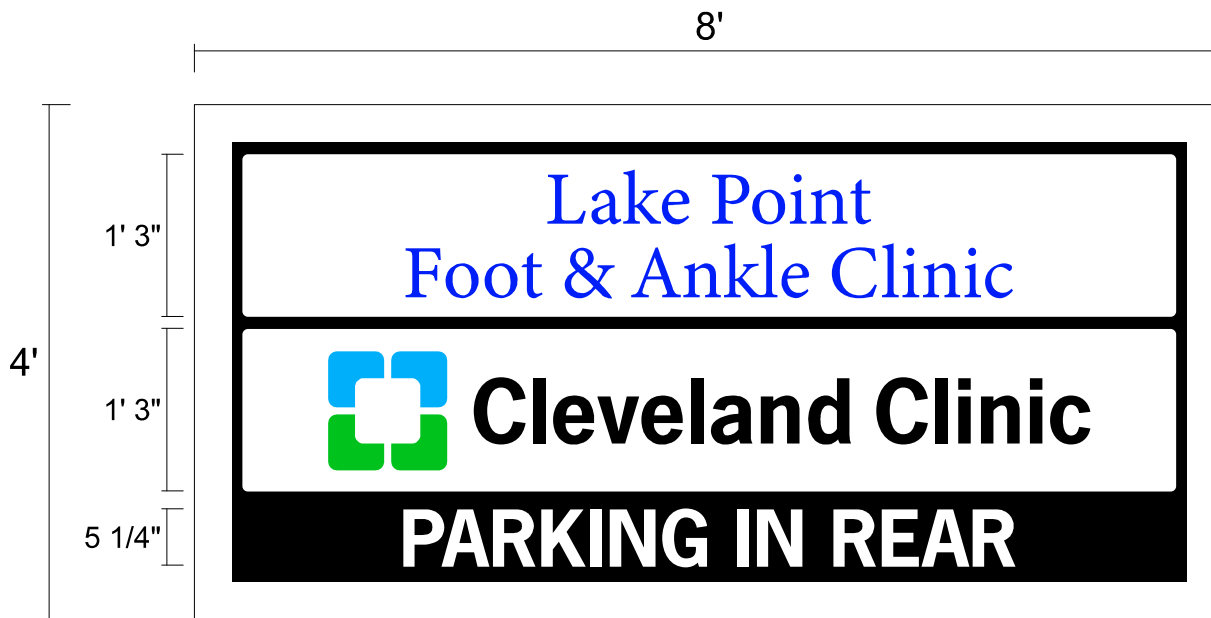
DATE _____

PH 1-330-628-9907
 FX 1-330-628-8347
 TOLL FREE 1-888-652-8607
 www.elletneon.com



FOR ARTISTIC PRESENTATION ONLY. TO BE RELEASED INTO PRODUCTION & INSTALLATION, DRAWING MUST BE APPROVED: _____ SALES AGENT _____ DATE _____

ELLET SIGN COMPANY
 3445 E. WATERLOO RD. AKRON, OH



TOTAL OF TWO (2) REPLACEMENT FACES FOR EXISTING POLE SIGN

- VACUUM FORMED POLYCARBONATE FACES WITH OPAQUE & TRANSLUCENT GRAPHICS



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NO SCALE

APPROVED _____

DATE _____

PH 1-330-628-9907
 FX 1-330-628-8347
 TOLL FREE 1-888-652-8607
 www.elletneon.com





City of Lakewood
Board of Building Standards •
Architectural Board of Review •
Sign Review Board

P: (216) 529-6630
F: (216) 529-5907
planning@lakewoodoh.gov

Application Cover Page

Docket No.: 02-18-26

Permit No.: BBS26-000007

Applicant Name: Timothy Bennett, Bennett Builders & Remodelers

Project Address: 1337 Edanola Ave. (Edanola & Riverside).

Project Name: N/A

Project: Applicant proposes construction of a new single family home with attached garage.

IB
1/2











Tim Bennett <tim.bennett@bennettbuilders.com>

ARB Consent 1 message

Taner Eren <erentb@gmail.com>

Wed, Jan 21, 2026 at 10:02 AM

To: Tim Bennett <tim.bennett@bennettbuilders.com>

To whom it may concern,

I, Taner Eren, give my consent for Bennett Building Company to apply for the Architectural Board of Review on my behalf for PPN 311-15-001, Lakewood, OH, and to let this email serve as an electronic signature to the application.

Sincerely,
Taner Eren

Landmark[®] Series

Designer Roofing Series

 certainteed
SAINT-GOBAIN



Landmark, shown in Weathered Wood


SAINT-GOBAIN



NOTE: Due to limitations of printing reproduction, CertainTeed can not guarantee the identical match of the actual product color to the graphic representations throughout this publication.



Trust Your Home to Landmark®

Few things in this world are as precious as the place that you call home. It is much more than just a house. It's the foundation from which you build your life. That's why having a roof that gives your home long-lasting curb appeal and protection from the elements is so important. At CertainTeed, our benchmark for success is our customers' total peace of mind. And we wouldn't have it any other way.

Our dedication to making the highest-quality roofing systems continues to earn the respect of top building professionals. And our product portfolio offers the widest variety of design and color options in the industry. It's no wonder that more than a million homeowners across North America choose CertainTeed each year.

And the job doesn't stop once the roof goes on. Every CertainTeed product is backed by our industry-leading manufacturer's warranty, allowing you to rest confidently and comfortably for years to come.



Landmark, shown in Charcoal Black

Technology that protects
the beauty of your roof and
strengthens its performance.





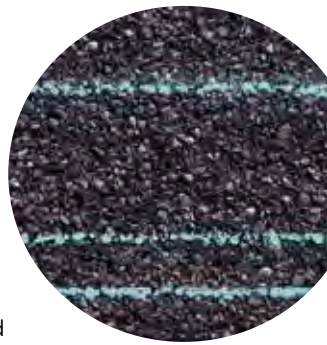
NailTrak[®]

Fast, Accurate, Visible

The new and improved **NailTrak** nailing line, a feature on CertainTeed designer shingles.

Now **NailTrak** is brighter than ever before, with high-visibility lines that stand out whether it's daybreak or dusk.

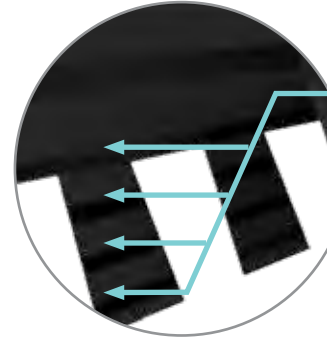
NailTrak removes the guesswork with three separately defined lines, creating a large area to guide your nailing and a smaller area for extreme steep-slope applications.



QuadraBond[®]

Advanced Layering

CertainTeed's specially formulated adhesive adheres shingle layers at four points, more than any other manufacturer. This superior bond provides greater protection against shingle delamination to maximize performance over the life of the shingle in any climate.



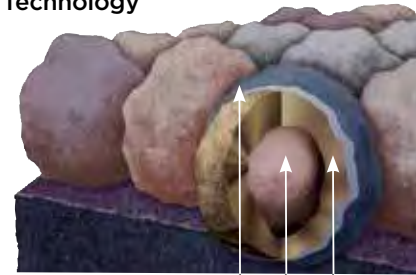
StreakFighter[®]

Algae Resistance

The ultimate in stain protection.

Those streaks you see on other roofs in your neighborhood? That's algae, and it's a common eyesore on roofing throughout North America. CertainTeed's **StreakFighter** technology uses the power of science to repel algae before it can take hold and spread. **StreakFighter's** granular blend includes naturally algae-resistant copper, helping your roof maintain its curb appeal and look beautiful for years to come.

Granule with **StreakFighter** Technology

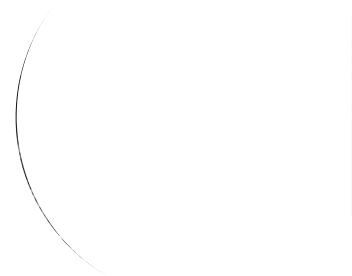


Ceramic coating
Mineral core
Copper layer
Diagram for illustrative purposes only.

CertaSeal[®]

Uplift Protection

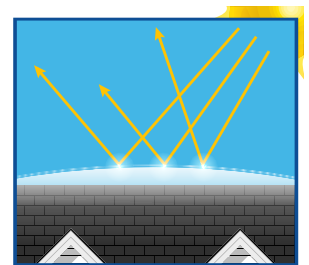
CertaSeal[®] is a fast-activating modified asphalt sealant with a 20-year record of proven performance. Designed to seal shingles together upon installation, it protects roofs from wind uplift and shingle blow-off so that homes stay safe and dry. It's also engineered to remain flexible after installation, unlike harder sealants that can dry out and crack over time.



Solaris[®] CoolRoof

Solar Reflectivity

Solaris[®] Cool Roof is a sustainable shingle granule technology that applies energy-saving cool roof performance to CertainTeed's most popular shingle brands. Available in rich and authentic colors, including dark hues and tones, Solaris Cool Roof can lower roof temperatures and allow homeowners to reduce cooling costs without sacrificing beauty, quality, or color.







The Trusted Classic

LANDMARK®

Owning a Landmark roof brings peace of mind. Landmark's dual-layered construction and exceptional durability provide long-lasting protection for your home.

- **Classified as UL 2218 Class 3 Impact Rated**
- Dual-layered for extra dimensionality and protection from the elements
- Offers the widest array of colors in the industry
- Independently certified as meeting the highest quality standards for roofing



Scan code for
more information

LANDMARK® COLOR PALETTE



Cobblestone Gray



Georgetown Gray



Weathered Wood



Moiré Black



Heather Blend



Burnt Sienna

LANDMARK® Solaris® COLOR PALETTE



Graphite
CRRP Product ID 0668-0155



Weathered Wood
CRRP Product ID 0668-0119



Driftwood



Colonial Slate



Pewter



Resawn Shake





LANDMARK SERIES

SPECIFICATIONS

- Two-piece laminated fiberglass-based construction
- Classic shades and dimensional appearance of natural wood or slate
- **Solaris**[®] *CoolRoof* colors have a Solar Reflectance Index greater than 20 SRI.

For U.S. building code compliance, see product specification sheets.

CertainTeed products are tested to ensure the highest quality and comply with the following industry standards:

Fire Resistance:

- UL Class A
- UL certified to meet ASTM D3018 Type 1

Wind Resistance:

- UL certified to meet ASTM D3018 Type 1
- ASTM D3161 Class F

Tear Resistance:

- UL certified to meet ASTM D3462
- CSA standard A123.5

Wind Driven Rain Resistance:

- Miami-Dade Product Control Acceptance: Please reference www.certainteed.com to determine approved products by manufacturing location.

Impact Resistance:

- UL certified to meet UL 2218 Class 4 (Landmark **ClimateFlex**[®] and NorthGate **ClimateFlex**[®])
- UL classified to meet UL 2218 Class 3 (Landmark and, Landmark PRO)

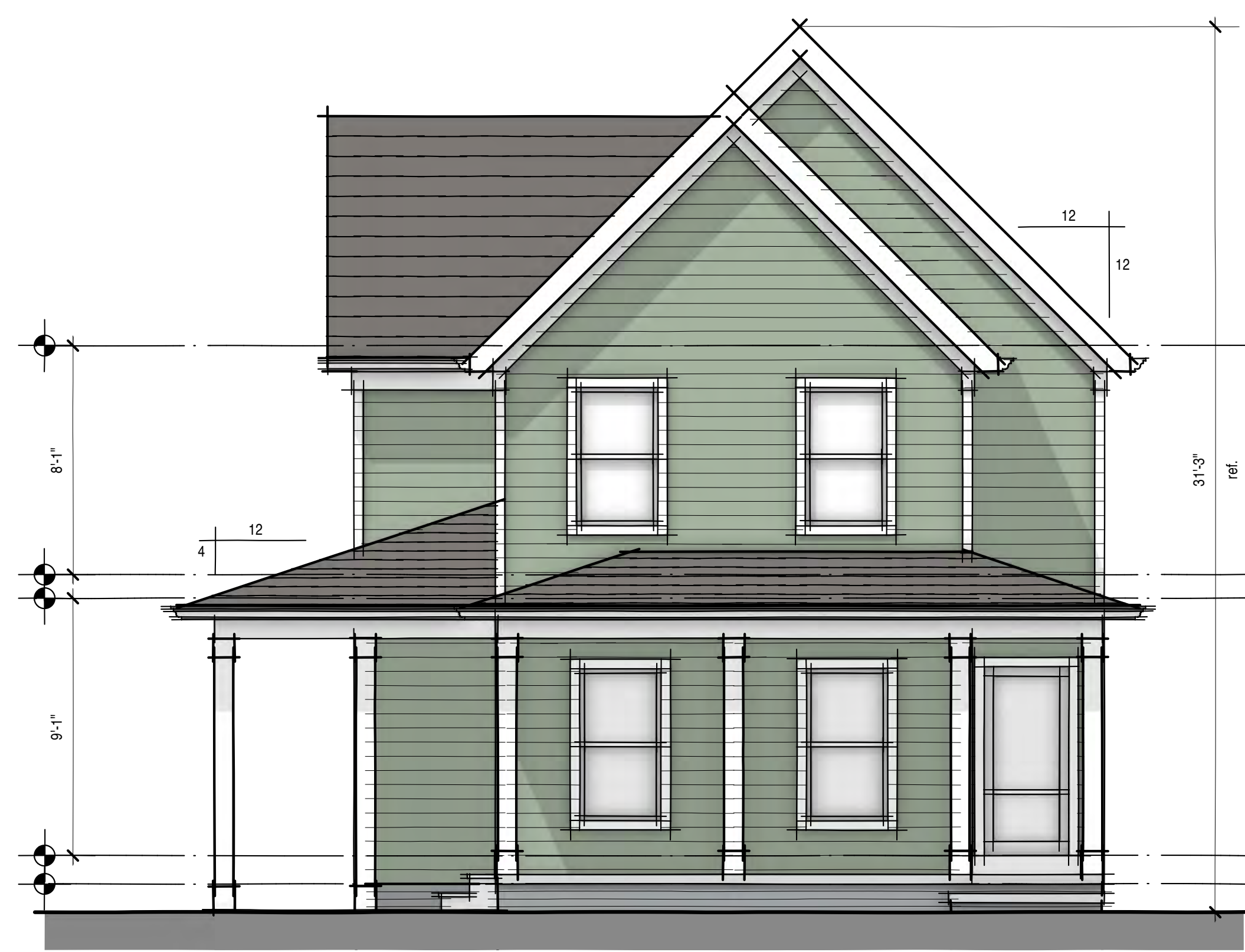
Quality Standards:

- ICC-ES-ESR-1389 & ESR-3537

WARRANTY

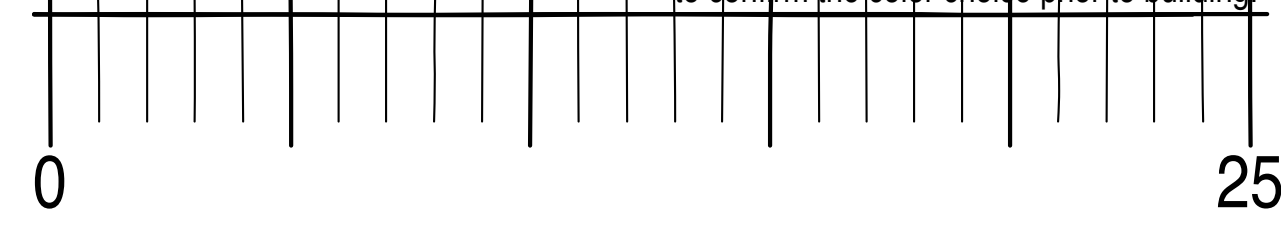
- Lifetime limited transferable warranty against manufacturing defects on residential applications
- 50-year limited transferable warranty against manufacturing defects on group-owned or commercial applications (Landmark PRO, NorthGate **ClimateFlex**[®])
- 40-year limited transferable warranty against manufacturing defects on group-owned or commercial applications (Landmark and Landmark **ClimateFlex**[®])
- **StreakFighter**[®] algae-resistance warranty (25-year - Landmark and Landmark **ClimateFlex**[®] 30-year - Landmark PRO, NorthGate **ClimateFlex**[®])
- 10-year SureStart[™] protection
- 15-year 110 mph wind-resistance warranty
- Wind warranty upgrade to 160 mph available. CertainTeed starter and CertainTeed hip and ridge required

See actual warranty for specific details and limitations.

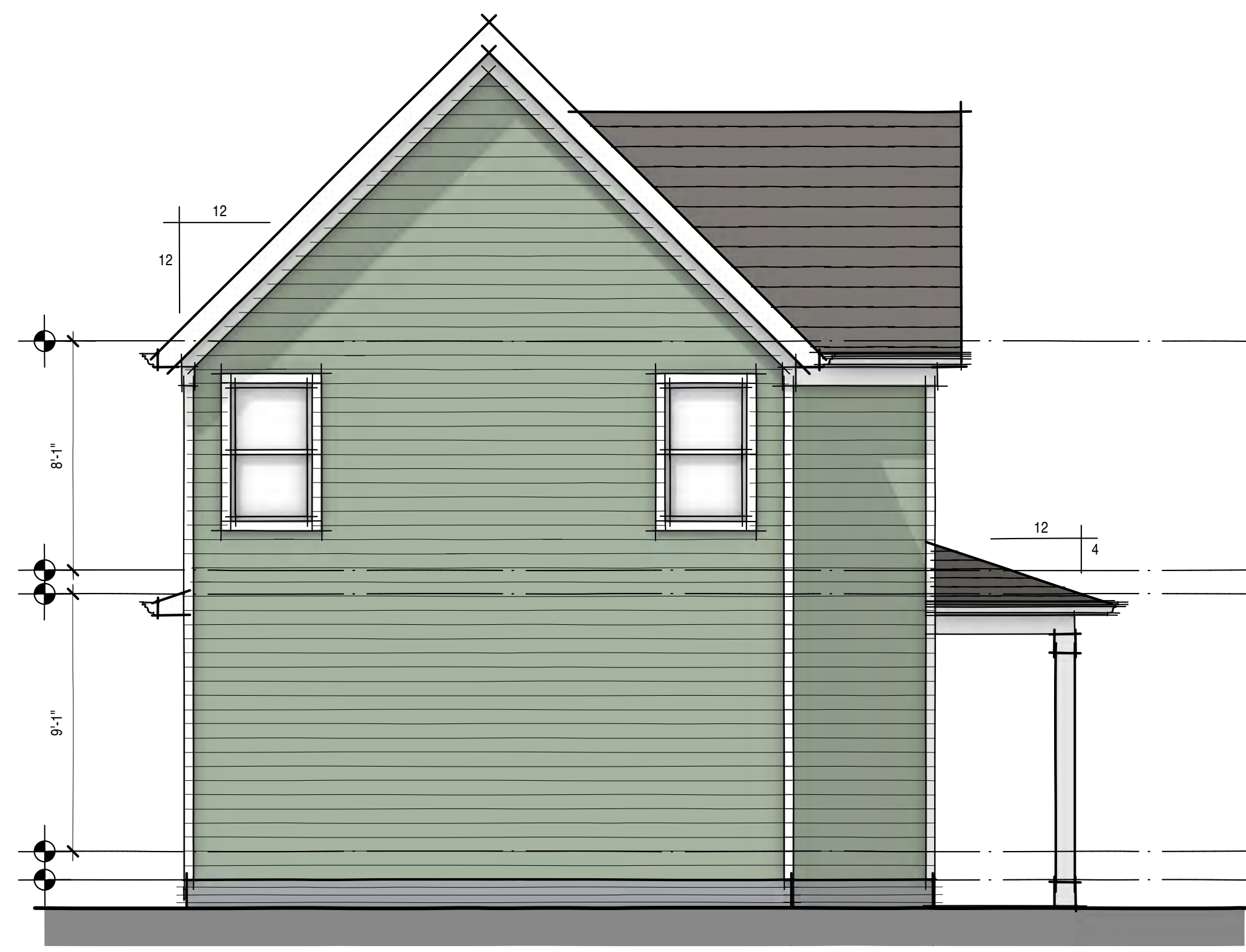
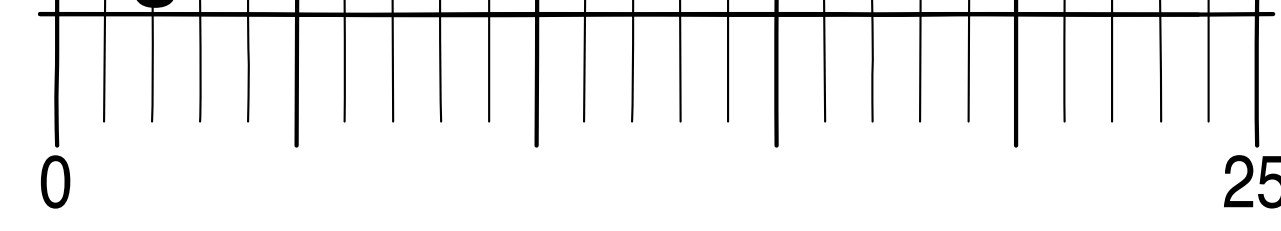


front elevation

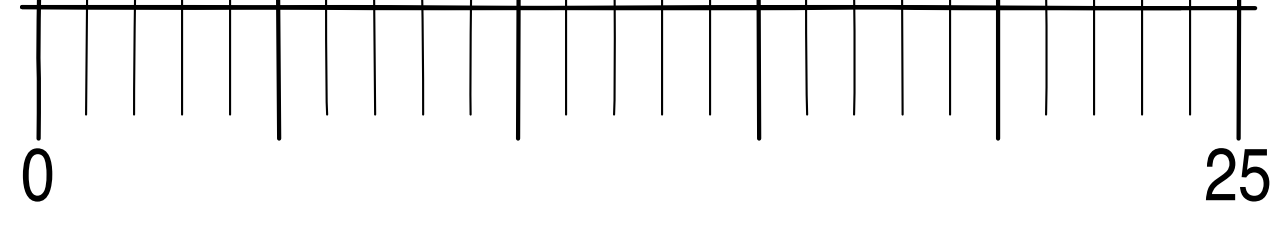
NOTE:
 actual color may vary from on-screen representation.
 Please view a physical color swatch or material sample
 to confirm the color choice prior to building.



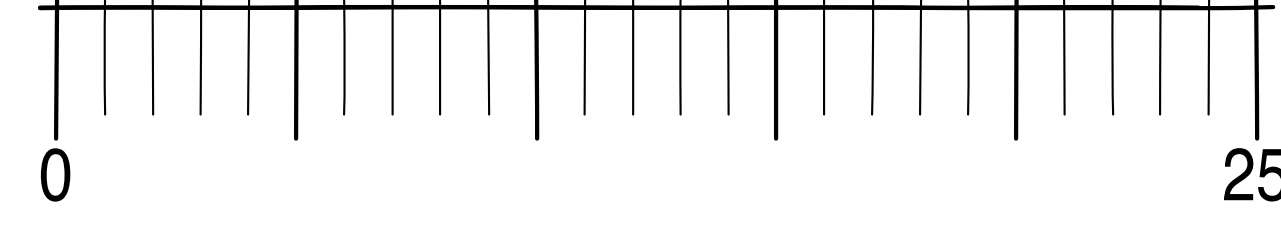
right side elevation



rear elevation



left side elevation





front view

NOTE:
 actual color may vary from on-screen representation.
 Please view a physical color swatch or material sample
 to confirm the color choice prior to building.
 perspective views for design only



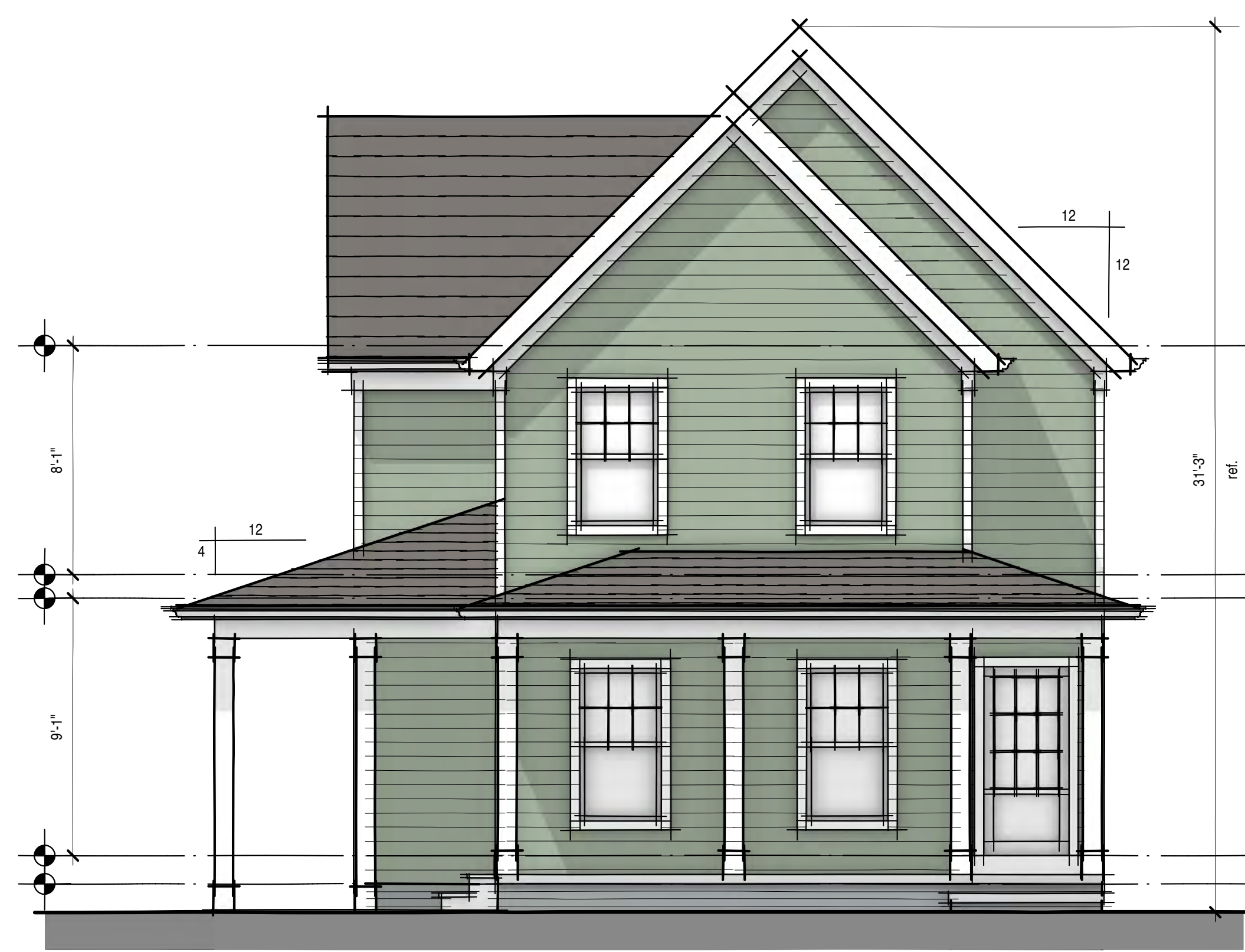
rear view



right side view



left side view

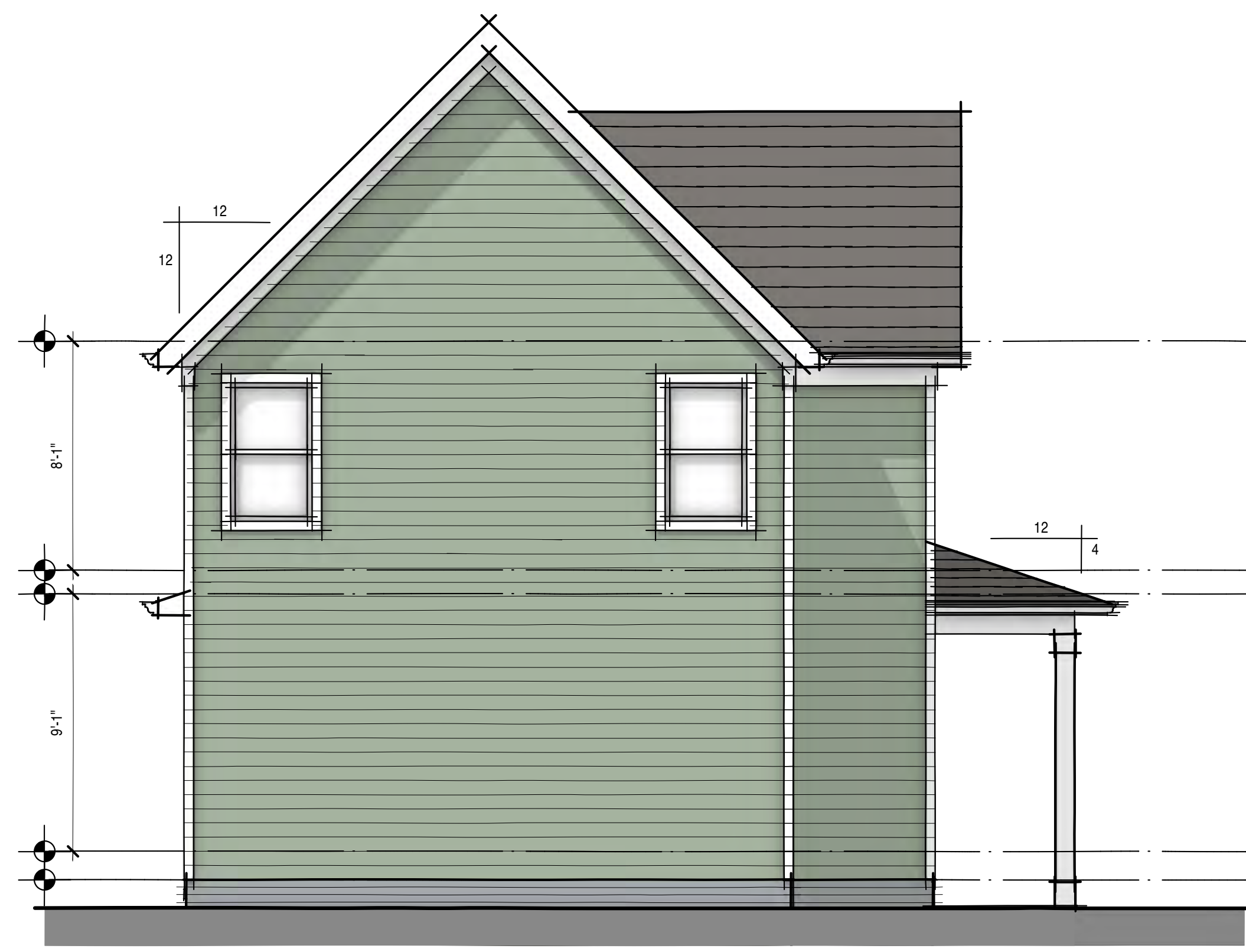
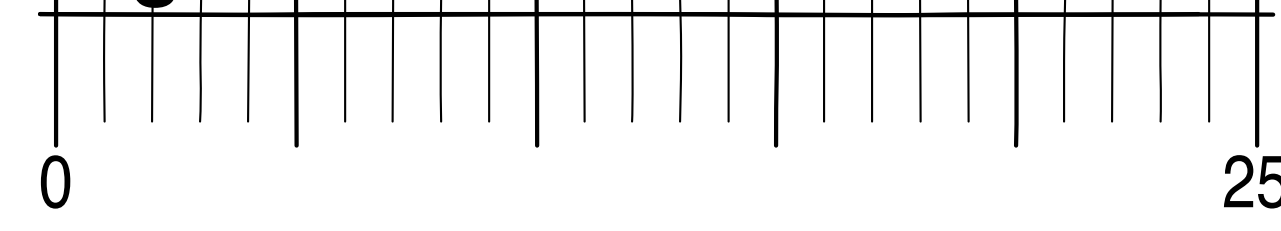


front elevation

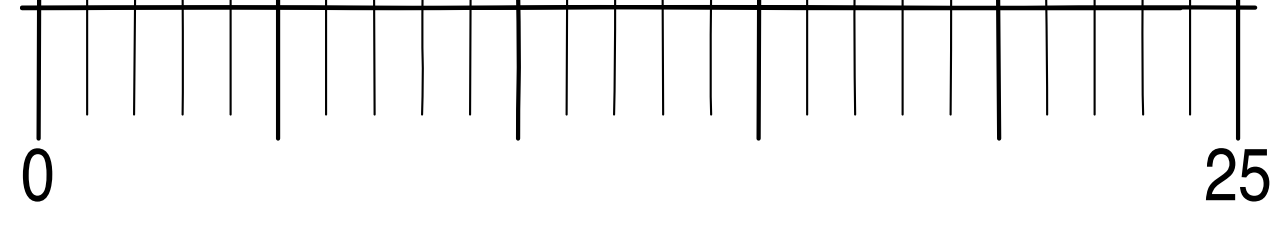
NOTE:
 actual color may vary from on-screen representation.
 Please view a physical color swatch or material sample
 to confirm the color choice prior to building.



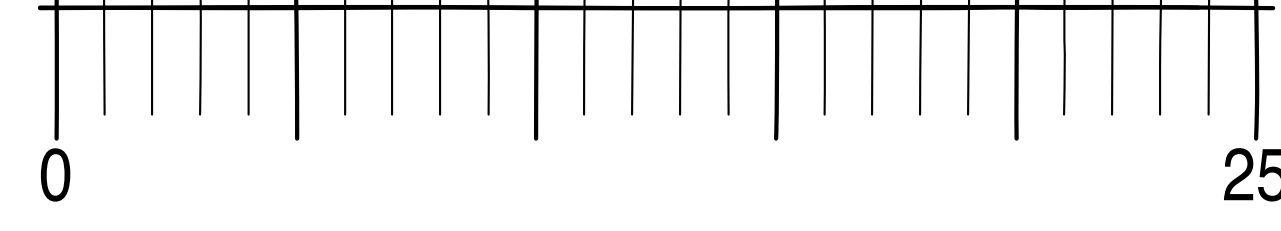
right side elevation



rear elevation



left side elevation





front view

NOTE:
 actual color may vary from on-screen representation.
 Please view a physical color swatch or material sample
 to confirm the color choice prior to building.
 perspective views for design only



rear view



right side view

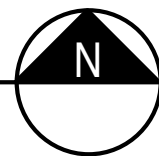


left side view

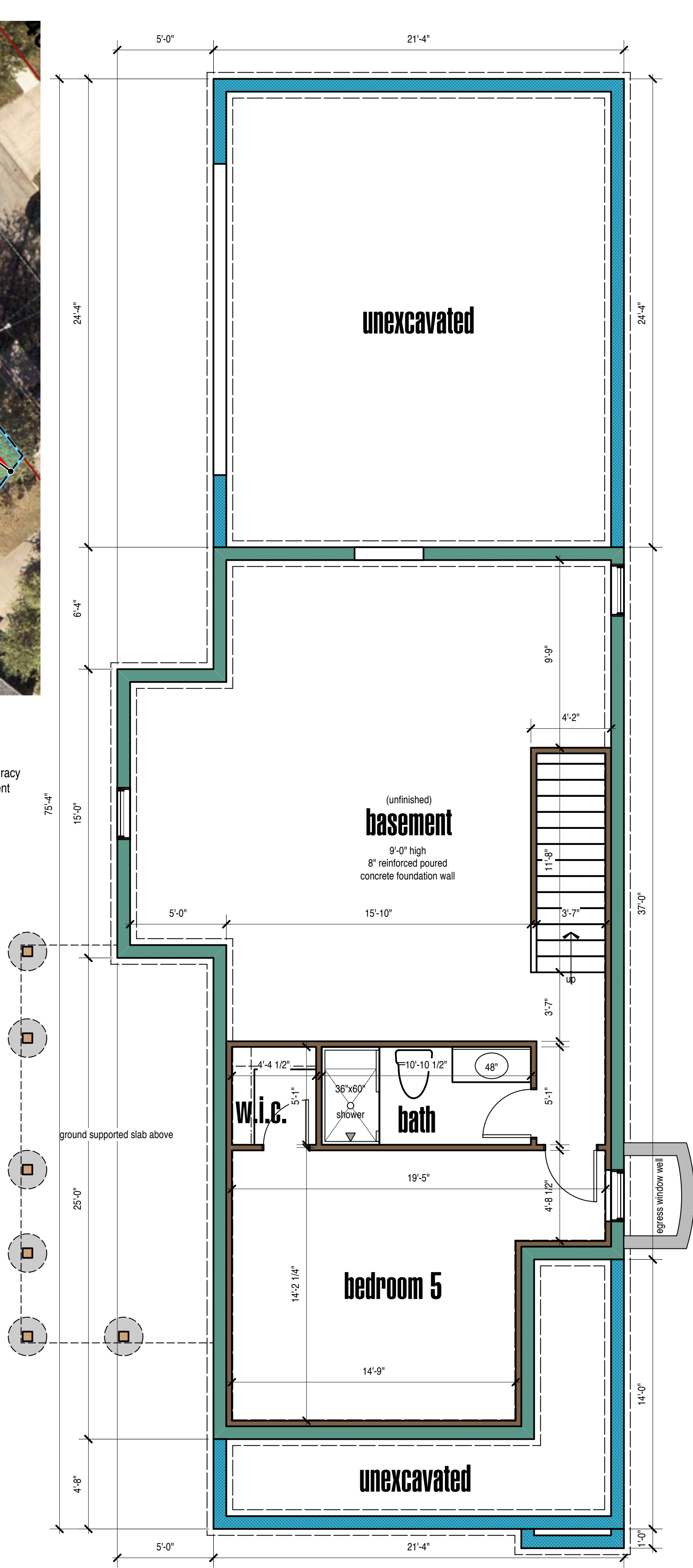


site plan

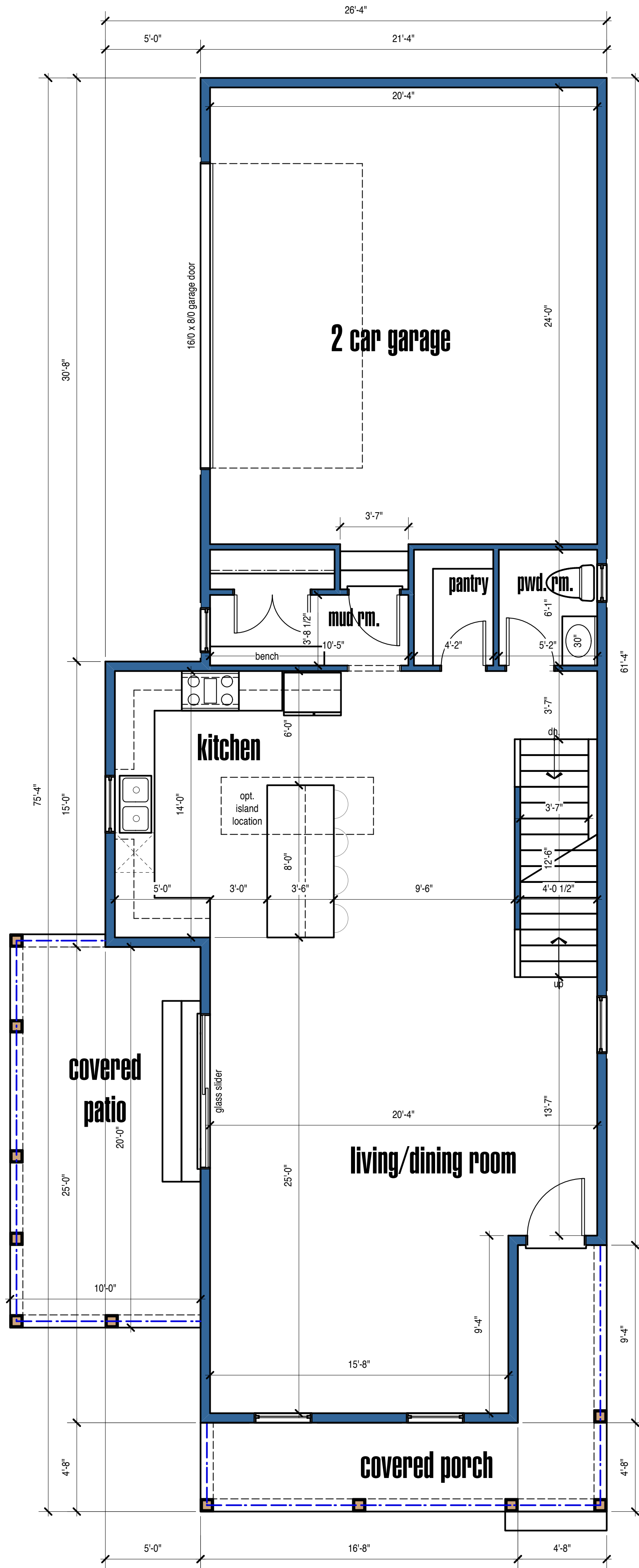
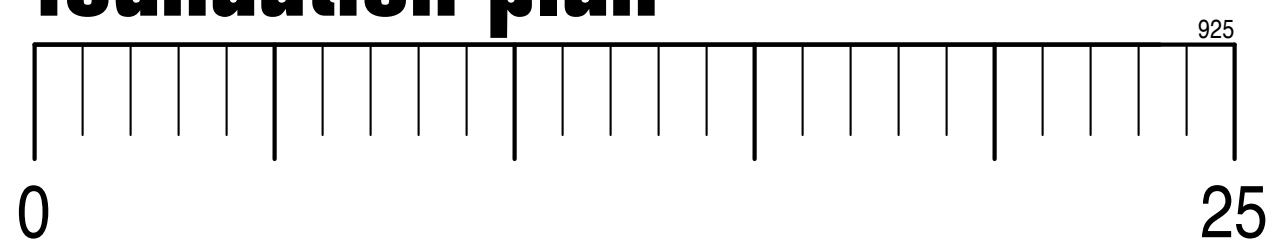
scale 1" = 20'-0"
 lot area 6667 sq ft
 building footprint 1891 sq ft
 lot coverage 28.36%



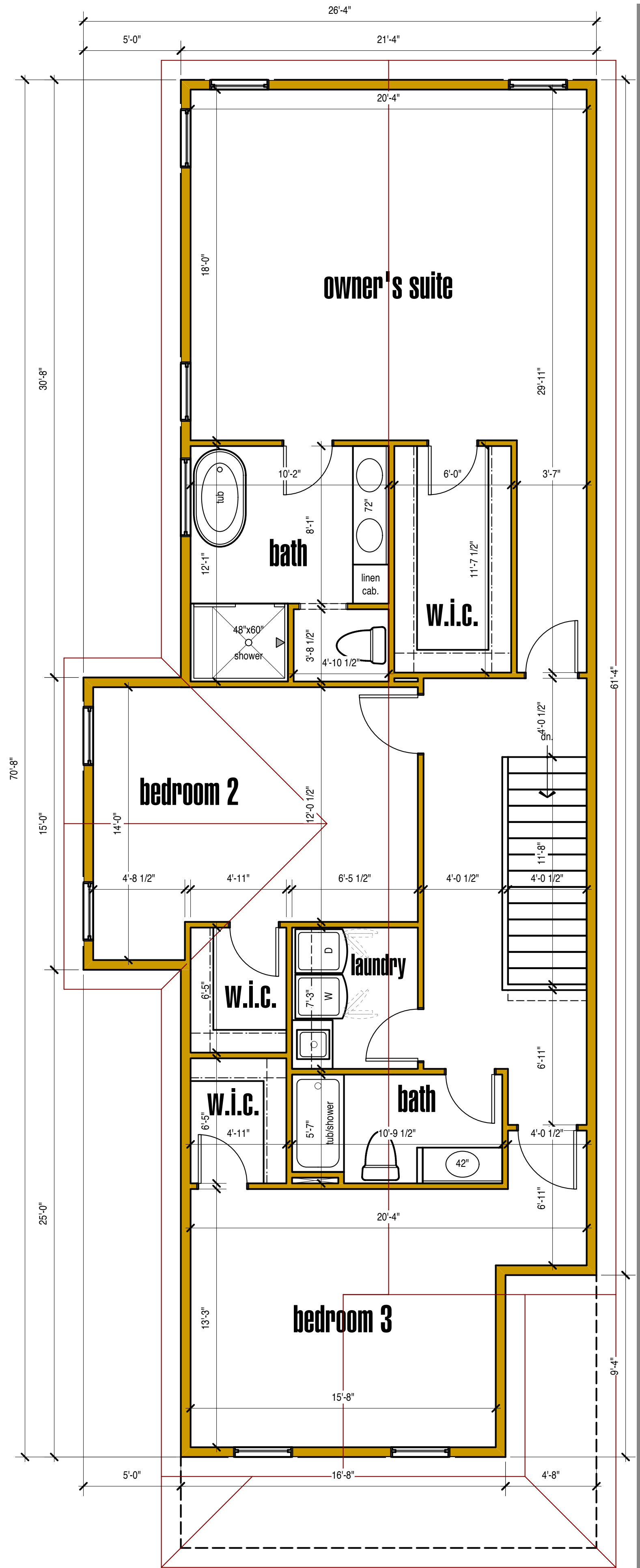
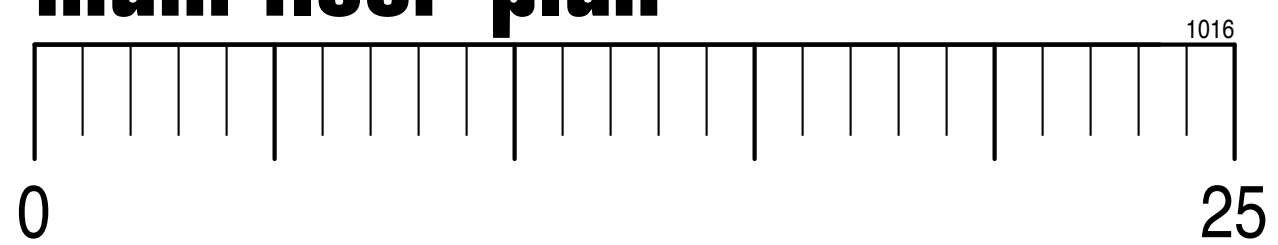
note:
 this site plan is diagrammatic.
 not to be construed as actual survey.
 actual conditions and dimensions
 may vary. verify and confirm the accuracy
 of this site plan prior to commencement
 of construction.



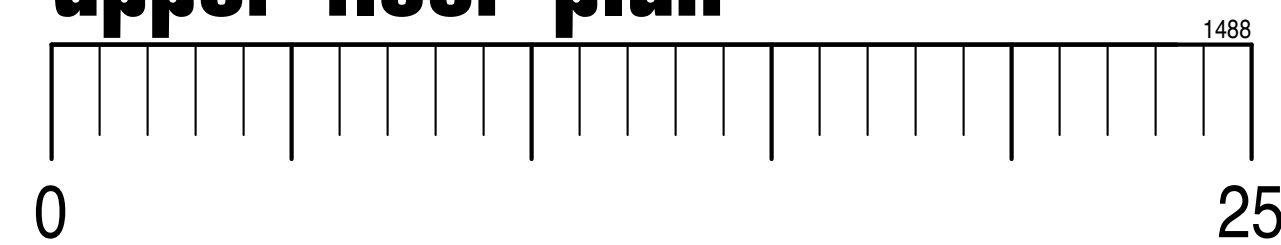
foundation plan



main floor plan



upper floor plan



sheet 1 elevations
 sheet 2 perspective views
 sheet 3 floor plans

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 form without the written
 permission of Bennett Builders.
 These plans can only be used for
 the specific project stated in the
 title block.

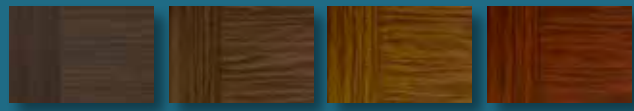


eren/miller residence
 edanola & riverside, lakewood ohio

- issued: 12/03/25
- first draft
- progress
- design review
- bid-estimates
- permit
- not for construction
- approval
- revised: 01/21/26
- revised: 01/23/26

Color Options

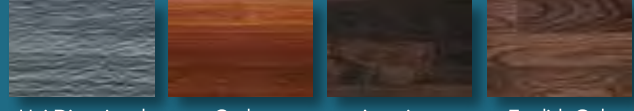
Wood Grain



Bi-Directional American Walnut* Bi-Directional English Oak* Bi-Directional Ash* Bi-Directional Mahogany*



Uni-Directional American Walnut Uni-Directional English Oak Uni-Directional Ash Uni-Directional Mahogany



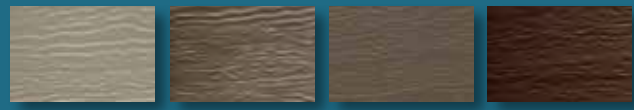
Uni-Directional Graywood Cedar Plank American Walnut Plank English Oak Plank

Plank and Bi-Directionals color options feature a light stucco embossment.
Uni-Directionals color options feature a wood grain embossment.
*Bi-Directional colors are available on 60, 61, 63, and 64 models with or without windows. They are only available on 71, 72, 73, 74, 81 and 82 models without windows.

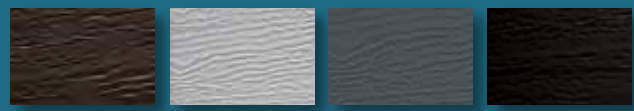
Solid



Polar White Almond Sahara Tan Sandstone



Trinar® Beige Bronze** Trinar® Brown** Brown**



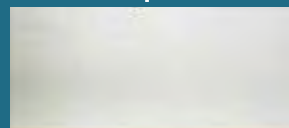
Espresso** Gray Charcoal** Carbon Black**

**These colors include a cool chemistry paint finish but is not recommended for projects with extreme exposures to heat and sunlight.

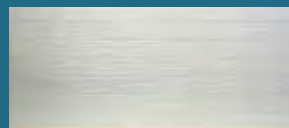
Due to the printing process, colors may vary.

For accurate color samples, contact a Haas Door dealer for a color selector.

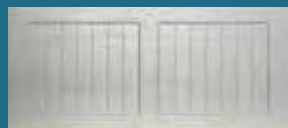
Panel Options



Flush Panel Model 610
All colors except Bi-Directional wood grains
Carriage Windows p25 & 27
Ranch Windows p26 & 27
TL Windows p26
Standard Windows p24 & 27
SlimLine Windows p26



V-Groove Panel Model 612
All colors except Bi-Directional wood grain & Plank options
Carriage Windows p25 & 27
Ranch Windows p26 & 27
TL Windows p26
SlimLine Windows p26



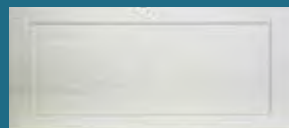
Ribbed Short Panel Model 660
Carriage Windows p25 & 27
Model 672
Ranch Windows p26 & 27
Model 682 ◊
Standard Windows p24 & 27



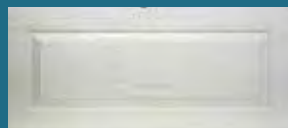
Recessed Short Panel Model 661
Carriage Windows p25 & 27
Model 671
Ranch Windows p26 & 27
Model 681 ◊
Standard Windows p24 & 27



Ribbed Long Panel Model 664
Carriage Windows p25 & 27
Model 674 ◊
Ranch Windows p26 & 27



Recessed Long Panel Model 663
(Not available in 24" sections)
Carriage Windows p25 & 27
Model 673 ◊
(Not available in 24" sections)
Ranch Windows p26 & 27



Raised Ranch Panel Model 670
Ranch Windows p26 & 27
Model 667 ◊
Carriage Windows p25 & 27
Model 687 ◊
Standard Windows p24 & 27



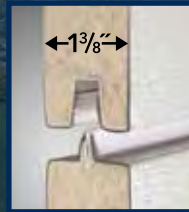
Raised Standard Panel Model 680
Standard Windows p24 & 27
Model 668 ◊
Carriage Windows p25 & 27
Model 678 ◊
Ranch Windows p26 & 27



Raised Sculptured Panel Model 690
Standard Windows p24 & 27
Model 669 ◊
Carriage Windows p25 & 27
Model 679 ◊
Ranch Windows p26 & 27

FEATURES

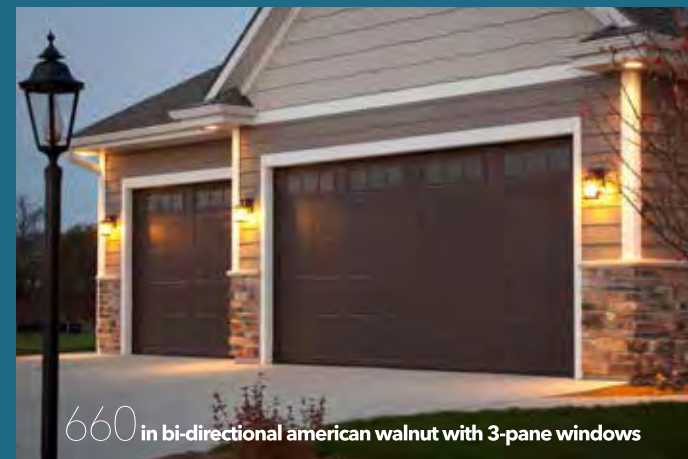
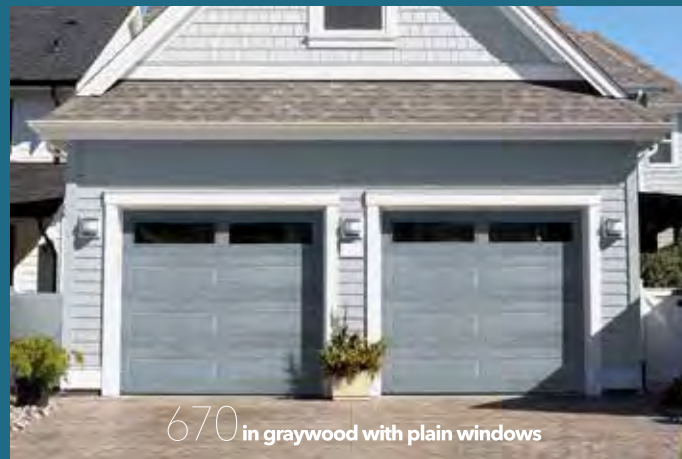
- 1³/₈" Thick with Full Thermal Break
- 0.106 Tested U-Factor
- Environmentally Compliant Polyurethane Insulation
- 26-Gauge Galvanized Steel
- Available with Wind Load & Impact Options
- Decorative Glass Options (pg 27)
- SelectView Options (pg 22-23)
- 37 Window Options (pg 24-27)
- Industry Leading Warranty (pg 30)
 - Lifetime Rust-Through & Delamination Finish Warranty (pg 30)
 - 6 Year Hardware
 - 3 Year Spring
 - 1 Year All Other Components



A Full Thermal Break is used in the tongue-and-groove construction of all 600 series doors. This rigid vinyl extrusion seals the joints and eliminates metal-to-metal contact, which limits the transfer of temperature.



600 series



LIMITED LIFETIME WARRANTY



668 in carbon black with 3-pane windows

600 Series / 1³/₈" thick / 0.106 Tested U-Factor

Pella® 250 Series
Classic sliding patio door
with a White interior.

Windows & Patio Doors
Vinyl

Vinyl Windows & Patio Doors

When your homeowners want low-maintenance, energy efficient and affordable windows and patio doors, vinyl is the right choice. Our unique vinyl formula is performance-tested for excellent weathering, durability and color retention.

Multi-chambered frames and metal-reinforced, interlocking sashes add strength and durability while helping to prevent warping, sagging and bowing. White, Almond and Fossil-colored frames, with optional upgrades to dual-color frames, are available on select product lines.

Pella 250 Series

Innovative and enhanced security and privacy features for more peace of mind.

Encompass by Pella

Competitively-priced, easy-care vinyl windows and patio doors backed by Pella.



The confidence of Pella's warranty.

Pella products are backed by some of the strongest warranties in the business. See written limited warranty for details, including exceptions and limitations, at pella.com/warranty.

Pella® 250 Series

Vinyl

Pella 250 Series

Innovative security and privacy features

Optional security and privacy features on windows and patio doors give your customers more peace of mind.

52% stronger frames¹

Multi-chambered vinyl frames and reinforced sashes are stronger than ordinary vinyl for increased durability.

62% more energy efficient²

Windows with triple-pane glass create a more comfortable home than windows with single-pane glass.



Strong and Secure Vinyl.

Improved security. The classic sliding patio door with integrated flush footbolt meets or exceeds the highest industry requirements for forced entry and is our most secure vinyl patio door.³

Unique tamper prevention system. Double- and single-hung windows are designed with an interlocking checkrail, steel hardware reinforcement and a unique anti-jar sill.

Strong vinyl material. With multi-chambered frames and optional steel reinforced sashes, these frames are 52% stronger than ordinary vinyl, resist warping and twisting and install easily!¹

More of Everything You Love.

Excellent energy efficiency. Multiple insulating air chambers deliver comfort for your customers. Upgraded triple-pane windows are on average 62% more energy efficient than single-pane windows.²

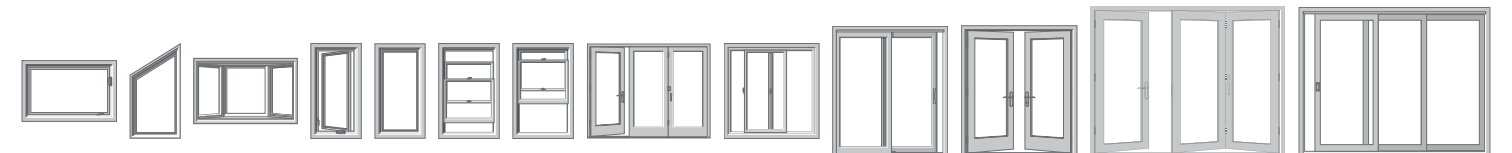
Exclusive vinyl formula. Using our exclusive fade-resistant formula, Pella's high-grade vinyl is performance-tested for excellent durability and weathering.

Quality that lasts. To help ensure our products exceed industry requirements and expectations, we test both the entire window and individual parts for strength and durability.

Pella 250 Series products offer innovative and enhanced security and privacy features for more peace of mind. Our exclusive vinyl formula is performance tested for excellent weathering, durability and color retention. Insulating frame chambers improve energy efficiency and multi-chambered frame designs are 52% stronger than ordinary vinyl.¹

With innovative and enhanced security and privacy features and our durable and low-maintenance, easy-care vinyl, Pella 250 Series windows and patio doors are a great complement to your project.

Available in these window and patio door styles:



Special shapes also available.

¹Based on the force required to bend a window frame profile.

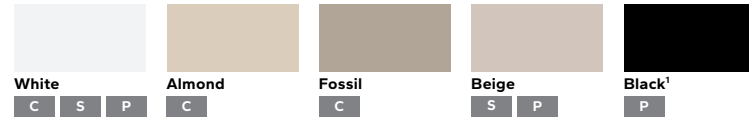
²Window energy efficiency calculated in a computer simulation using RESFEN 5.0 default parameters for a 2000 sq. foot existing single-story home when comparing a Pella 250 Series vinyl window with InsulShield Advanced Low-E triple pane glass with argon to a single paned wood or vinyl window. The range of energy efficiency will vary from 54% to 77% and will vary by location. Your actual savings will vary. The average window energy efficiency is based on a national average of 94 modeled cities across the country with an adjustment based on population. For more details see pella.com/methodology.

³To achieve a Grade 40 rating on ASTM F842, a test for forced entry excluding glass breakage, the optional footbolt must be installed and engaged.

Colors & Finishes

Frame Colors Create a signature look with a solid-color frame. A solid color throughout the vinyl formula keeps minor dings and scratches virtually invisible. Or add design interest with dual-color frames, featuring a White interior frame and your choice of laminated exterior colors.

Solid-Color Frames:

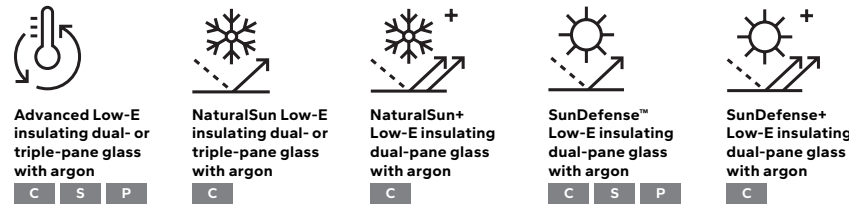


Dual-Color Frames:

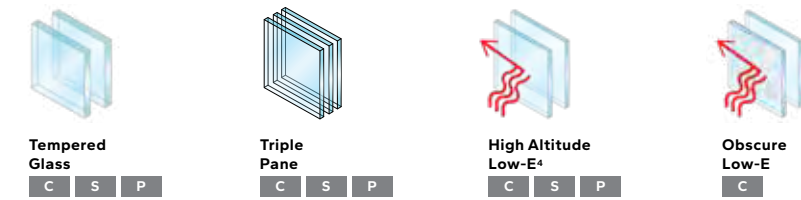


Glass & Additional Energy Efficiency Upgrades

InsulShield® Low-E Glass³ Pella's InsulShield® glass collection offers innovative and energy-saving choices for your climate.



Additional Glass Options Additional glass options provide added benefits, such as more strength, improved energy efficiency or additional design options.

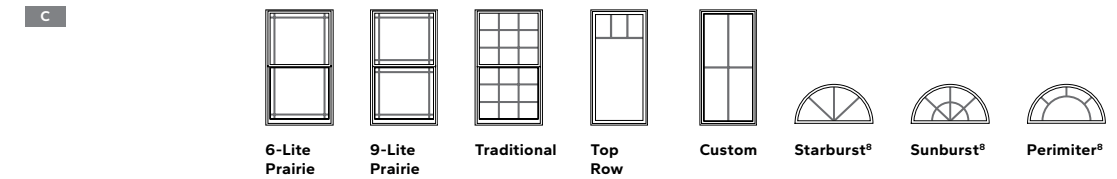


Grilles

Grille Types Grilles are color-matched to the window or patio door interior and exterior frame color.



Grille Patterns Choose from one of our standard grille patterns or create a unique look with custom patterns.⁷



Screens⁸

InView™ InView high-transparency screens come standard and provide a clearer view than conventional fiberglass screens.

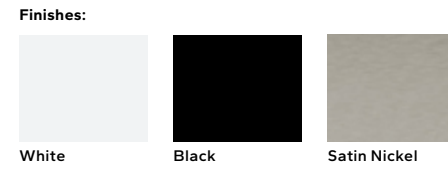
Hidden Screen The exclusive, easy-to-use Hidden Screen appears when you open a single-hung, double-hung or sliding window and folds away when the window is closed.

¹ Exterior and interior are an applied laminate finish, not an extruded color.
² Exterior is an applied laminate finish, not an extruded color.
³ Optional high-altitude Low-E insulating glass available with or without argon on select products.
⁴ Available in both dual-pane and triple-pane glass.
⁵ Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.
⁶ Grilles are not available with blinds-between-the-glass on Encompass by Pella sliding patio doors.
⁷ Grille patterns offered may vary by product. See specific product information for availability.
⁸ Only available with a curved product or curved glass.
⁹ Warning: Use caution when children or pets are around open windows and doors. Screens are not designed to retain children or pets.

Window Hardware

Bifold Pass Through
S P

Elegant hinged handle allows for easy operation of a modern bifold pass through window.



Casement & Awning

Our casement and awning hardware folds neatly out of the way so it won't interfere with roomside window treatments.



Sliding, Single- & Double-Hung

Pella's cam-action lock pulls the sashes against the weatherstripping for a tighter seal. Optional AutoLock hardware automatically locks the window when it is shut, simply close the sash and confirm it latches.



Integrated Sash Lift

Make raising and lowering single- and double-hung window sashes easy with a standard, integrated sash lift.



Window Integrated Sash Lift



Window Limited Opening Devices

Limited opening devices restrict how far a window sash can open. For single- and double-hung windows, a vent stop can be engaged or disengaged manually and restricts how far the bottom sash can open. For casement and awning windows, stainless steel limited opening devices are available. Window Opening Control Devices (WOCDs) comply with safety standards and allow for ventilation, emergency escape and rescue when released. Color-matched WOCDs are available on single- and double-hung windows, while stainless steel WOCDs are available on casement and awning windows.



Vent Stop

Window Opening Control Device



Patio Door Hardware

Handles

Match your door's interior and exterior color with a color-matched, corrosion-resistant handle, or choose to upgrade the interior finish to add a touch of style.



Classic Sliding Patio Door Handle Standard Multipoint Locking System
C

Standard Multi-Slide Patio Door Handle
S

Signature Multi-Slide Patio Door Handle Upgrade
S P



Flush Multi-Slide Patio Door Handle For Premium Multi-Slide and Sliding Patio Doors
P



Standard Bifold and Hinged Patio Door Handle Standard Multipoint Locking System
P



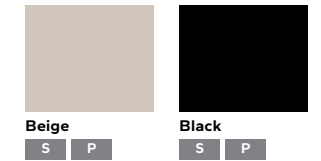
Passive Panel¹ Keyed or Unkeyed
P



White
C S P

Almond
C

Fossil
C



Beige
S P

Black
S P



Oil-Rubbed Bronze
C

Satin Nickel
C S P

Integrated Flush Footbolt
C

Pella® 250 Series classic sliding patio door with integrated flush footbolt is our most secure vinyl patio door.² The patent-pending footbolt is flush with the frame, providing secondary venting and locking abilities without compromising beauty.



Integrated Flush Footbolt



White

Almond

Fossil

Patio Door Blinds³

Blinds-Between-the-Glass
C

Add privacy and complement your home's decor with blinds-between-the-glass. Located between panes of glass, blinds are protected from dust, pets and damage.



White

Slate Gray

Espresso

¹ Available in Satin Nickel and Black only.

² To achieve a Grade 40 rating on ASTM F842, a test for forced entry excluding glass breakage, the optional footbolt must be installed and engaged.

³ Available on dual-pane products only. Not available on sliding patio doors with grilles-between-the-glass.

Encompass by Pella®

Vinyl

Competitively priced

Easy-care, low-maintenance vinyl at a price that is easy on the budget.

Energy-efficient options

Offering solutions to improve comfort and help save on heating and cooling costs.

Backed by Pella

A leader in the window and door industry and a brand that has been trusted for nearly 100 years.

Encompass by Pella



Easy-care vinyl.

Low-maintenance. The solid color throughout keeps minor dings and scratches virtually invisible and doesn't require painting.

More comfortable. Pella's weather protection system helps protect a home from leaks and drafts.

Stand the test of time. Our precision welding process makes a strong and more durable product that resists warping and twisting.

Designed to make life easier.

Easy operation. Pella's true glide balance system allows single- and double-hung windows to open and close easily and quietly.

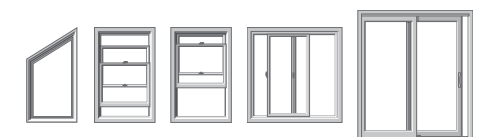
Dust-free between-the-glass grilles and blinds. Never worry about cleaning between-the-glass grilles and blinds. Grilles-between-the-glass are sealed between glass on windows and patio doors and blinds-between-the-glass are sealed between glass on patio doors. This keeps the grilles and blinds safe from dust and damage.

Limited lifetime warranty. Backed by one of the best warranties in the business, you can be confident in your selection.²

With Encompass by Pella, you can get windows and patio doors backed by the brand you know and trust, at a price that is easy on the budget.

Featuring low-maintenance, high-grade vinyl frames, these windows are energy efficient and look great for years. Lower heating and cooling costs with energy-efficient options that will meet or exceed ENERGY STAR® guidelines in all 50 states.¹

Available in these window and patio door styles:³



Special shapes also available.

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 The Pella Limited Lifetime Warranty is non-prorated, meaning the coverages within the defined warranty periods do not decrease over time. See written limited warranty for details, including exceptions and limitations, at installpella.com/warranties, or contact Pella Customer Service at 866-319-0397.

³ Double-hung window available in East Region only.

Colors & Finishes

Frame Color Create a signature look with a solid-color frame. A solid color throughout the vinyl formula keeps minor dings and scratches virtually invisible.

Color-Matched Finishes:



Glass & Additional Energy Efficiency Upgrades

InsulShield® Low-E Glass^{1,2}



Advanced Low-E insulating dual-pane glass with argon¹



NaturalSun Low-E insulating dual-pane glass with argon¹



NaturalSun+ Low-E insulating dual-pane glass with argon

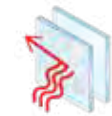


SunDefense™ Low-E insulating dual-pane glass with argon¹



SunDefense+ Low-E insulating dual-pane glass with argon

Additional Glass Options



Obscure Low-E insulating glass³



Tempered glass

Grilles

Grille Types

Grilles are color-matched to the window or patio door interior and exterior frame color.



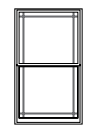
Grilles-Between-the-Glass Flat 5/8^{4,5}



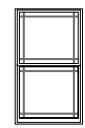
Grilles-Between-the-Glass Contour 3/4^{4,5}

Grille Patterns

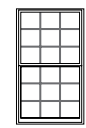
Choose from a variety of grille patterns for the traditional look of divided light.⁶



6-Lite Prairie



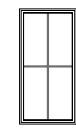
9-Lite Prairie



Traditional



Top Row



Custom Equally Divided

Screens⁷

InView Screens

InView™ screens come standard and let in 14% more light and are 8% more open for improved airflow compared to conventional fiberglass screens.⁸

Patio Door Screens

Fiberglass screens come standard on patio doors. They are durable and functional and allow in the light and breeze. Optional heavy duty screens are available.

Patio Door Blinds

Blinds-Between-the-Glass^{10,11}

Add privacy and complement your home with blinds-between-the-glass. Located between panes of glass, blinds are protected from dust, pets and damage.



White

Hardware

Sliding, Single- and Double-Hung Windows

Pella's cam-action locks push the sashes against the weatherstripping for a tighter seal.



Cam-Action Lock

Color-Matched Finishes:



White

Almond

Fossil

Single- and Double-Hung Windows

Make raising and lowering single- and double-hung window sashes easy with a standard, integrated sash lift.



Integrated Sash Lift

Color-Matched Finishes:



White

Almond

Fossil

Window Opening Control Device

A vent stop can be engaged or disengaged manually and restricts how far the bottom sash of a double-hung window can open. A window opening control device (WOCD) complies with a safety standard and allows for ventilation, emergency escape and rescue when released. A WOCD automatically limits the sash opening to less than four inches, unless it is intentionally disengaged, enabling the sash to fully open.



Opening Control Device

Color-Matched Finishes:



White

Almond

Fossil

Sliding Patio Door

Match the door's exterior color with a color-matched handle. Upgraded finishes are also available for added design interest.



Sliding Patio Door Handle

Color-Matched Finishes:



White

Almond

Fossil

Additional Finishes:



Satin Nickel

Oil-Rubbed Bronze

¹ Optional high-altitude Low-E insulating glass available with or without argon on select products.

² Not available with blinds-between-the-glass on sliding patio doors.

³ Available with Advanced Low-E insulating glass with argon with bronze, gray or green tint on select products.

⁴ Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.

⁵ Available in West region only.

⁶ Grille patterns offered may vary per product. See specific product information for availability.

⁷ Warning: Use caution when children or pets are around open windows and doors. Screens are not designed to retain children or pets.

⁸ Improved airflow is based on calculated screen cloth openness. Screen cloth transmittance was measured using an integrated sphere spectrophotometer.

⁹ Availability varies by size. See a Pella professional for details.

¹⁰ Not available on sliding patio doors with grilles-between-the-glass.



City of Lakewood
Board of Building Standards •
Architectural Board of Review •
Sign Review Board

P: (216) 529-6630
F: (216) 529-5907
planning@lakewoodoh.gov

Application Cover Page

Docket No.: 02-19-26

Permit No.: BBS26-000008

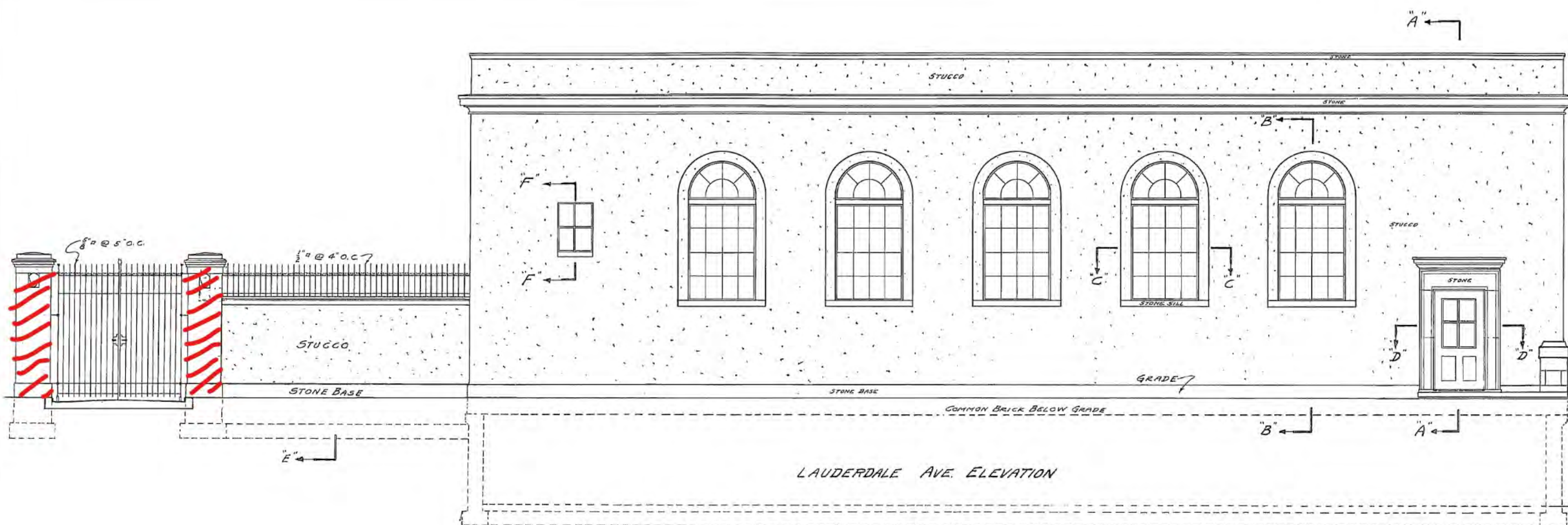
Applicant Name: Jason Van Schoor, The Illuminating Company

Project Address: 16620 Madison Ave. (Lauderdale Substation)

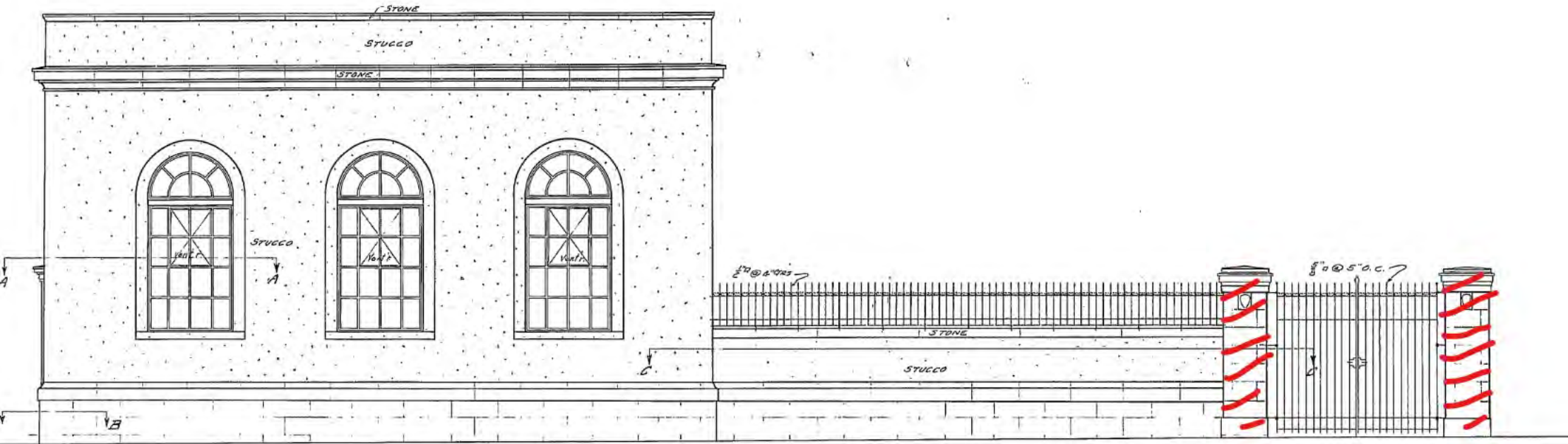
Project Name: The Illuminating Company

Project: Applicant proposes exterior front façade renovation.

one



LAUDERDALE AVE. ELEVATION





LA


Benjamin
Moore

NO PARKING
ANY
TIME





City of Lakewood
Board of Building Standards •
Architectural Board of Review •
Sign Review Board

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F: (216) 529-5907
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Application Cover Page

Docket No.: 12-114-25

Permit No.: BBS25-000119

Applicant Name: Elizabeth Davis, Old World Classics LLC

Project Address: 1114 Forest Rd.

Project Name: N/A

Project: Applicant proposes the construction of a new single family home.





LEON RESIDENCE

1114 FOREST ROAD, LAKEWOOD, OH 44107



AREA SCHEDULE	
NAME	AREA
MAIN FLOOR	944 SQ. FT.
SECOND FLOOR	805 SQ. FT.
TOTAL FINISHED AREA	1,749 SQ. FT.
GARAGE	292 SQ. FT.
FRONT PORCH	40 SQ. FT.

DRAWING SCHEDULE	
COVER SHEET	1
ADDITIONAL RENDERINGS	2
FOUNDATION	3
FINISHED BASEMENT	4
MAIN FLOOR	5
SECOND FLOOR	6
FRONT & REAR ELEVATIONS	7
SIDE ELEVATIONS	8
GARAGE ELEVATIONS	9
GARAGE SIDE ELEVATIONS	10
ROOF PLAN	11
SECTIONS 2X6	12
WALL SECTIONS	13
ADDITIONAL SECTIONS	14
STAIR DETAIL	15
CEILING DETAILS	16
GREAT ROOM ELEVATION	17
ADDITIONAL DETAILS	18
FLOOR FINISHES - BASEMENT	19
FLOOR FINISHES - MAIN FLOOR	20
FLOOR FINISHES - SECOND FLOOR	21
GENERAL NOTES	22
SCHEDULES	23

REVISIONS SCHEDULE		
DATE	REVISION NOTES	INITIALS
12.9.25	SPR REVISIONS	TB

LEON RESIDENCE
1114 FOREST ROAD
LAKEWOOD OH 44107

1
PAGE:
COVER SHEET

DRAWN BY:

SCALE: As Noted

DATE: 12/10/2025

Old World
CUSTOM HOMES

Old World Classics, LLC
330.494.0228
www.oldworldclassics.com

7056 Mears Gate Dr. NW
North Canton, OH 44720

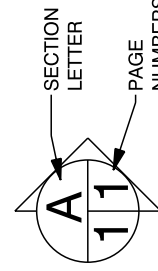


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LAKEWOOD OH 44107

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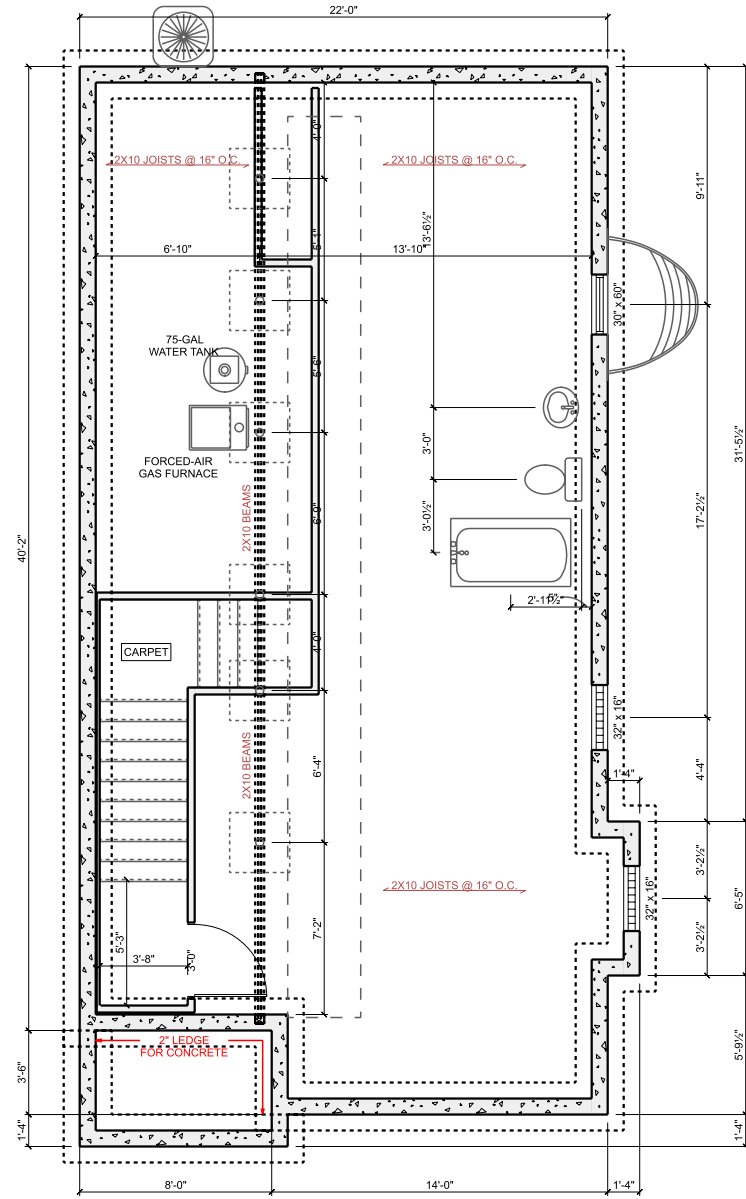
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DATE: 12/10/2025

PAGE:

2

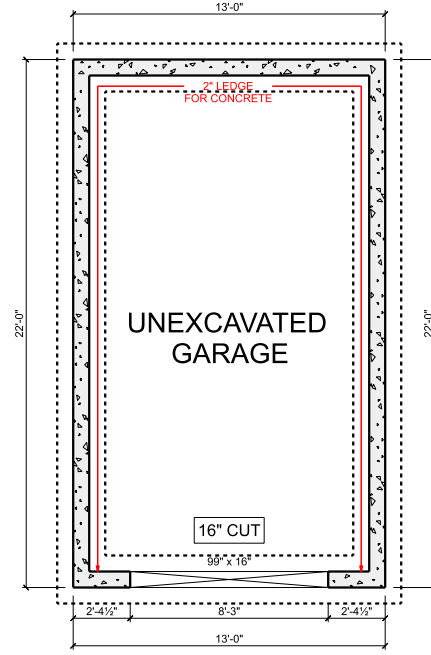
ADDITIONAL RENDERINGS



POST & BEAM PLACEMENT WILL BE MODIFIED DURING ENGINEER REVIEW
 HVAC & PLUMBING/OTHER CEILING DROPS ARE REQUIRED AND LOCATIONS ON PLANS ARE A GUIDELINE. FINAL LOCATION OF DROPS CANNOT BE GUARANTEED
8' POURED FOUNDATION WALLS

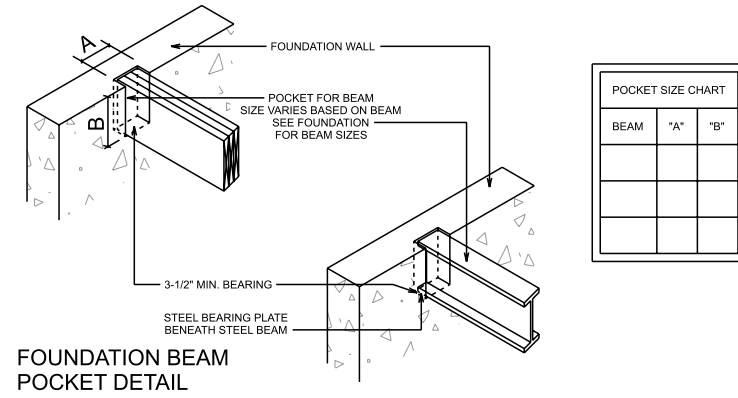
FOUNDATION

SCALE: 1/8" = 1'-0"



GARAGE FOUNDATION

SCALE: 1/8" = 1'-0"



POCKET SIZE CHART		
BEAM	"A"	"B"



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LEON RESIDENCE

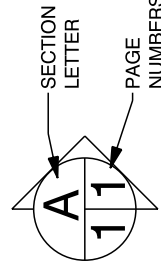
1114 FOREST ROAD
 LAKEWOOD OH 44107

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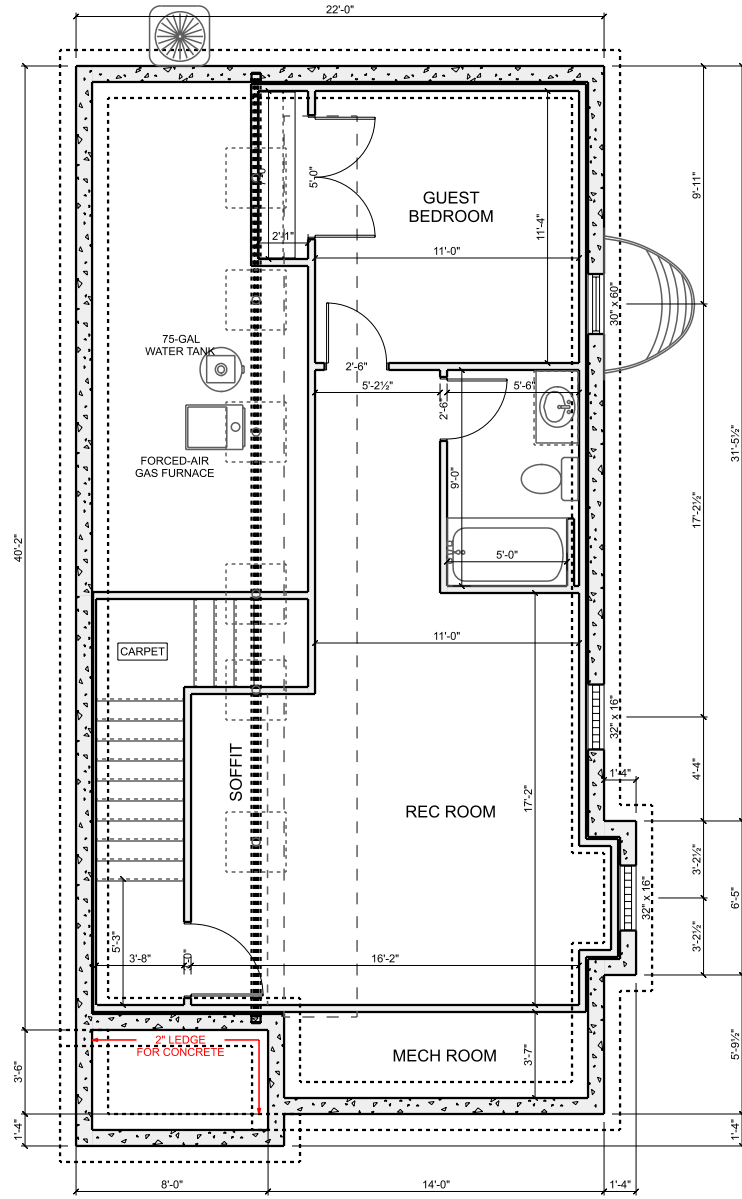
DATE: 12/10/2025

FOUNDATION



FINISHED BASEMENT

SCALE: 1/8" = 1'-0"



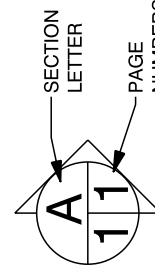
POST & BEAM PLACEMENT WILL BE MODIFIED DURING ENGINEER REVIEW
 HVAC & PLUMBING/OTHER CEILING DROPS ARE REQUIRED AND LOCATIONS ON PLANS ARE A GUIDELINE. FINAL LOCATION OF DROPS CANNOT BE GUARANTEED
8' POURED FOUNDATION WALLS



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LEON RESIDENCE

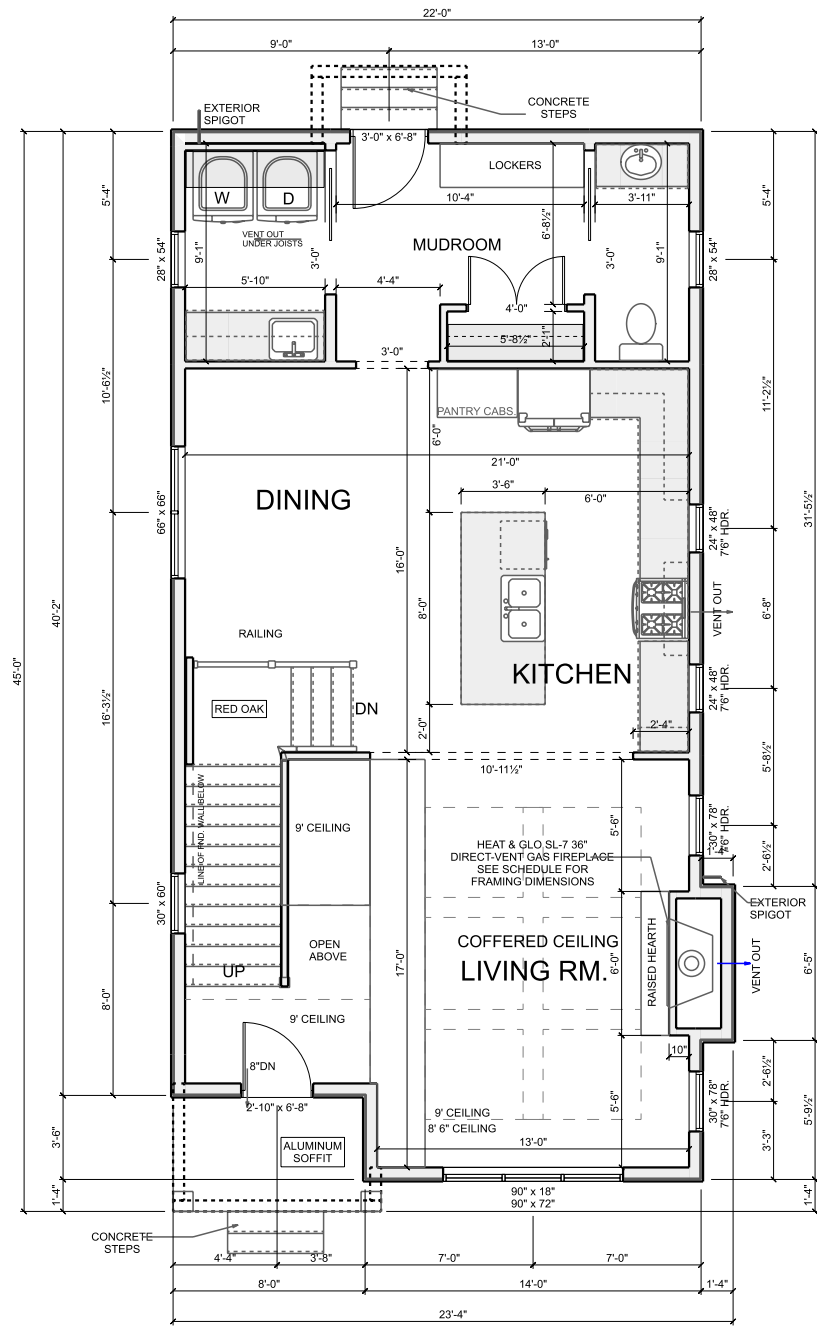
1114 FOREST ROAD
 LAKEWOOD OH 44107

DRAWN BY:
 SCALE: 1/8" = 1'-0"
 DATE: 12/10/2025

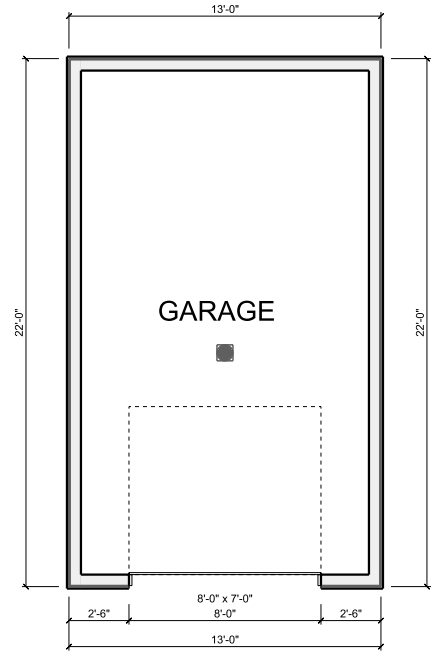
PAGE:

4

FINISHED BASEMENT



9' WALL HEIGHTS
 6'8" DOOR HEIGHTS
 8' SQ. DRYWALL OPENINGS
 UNLESS OTHERWISE NOTED



GARAGE PLAN
 SCALE: 1/8" = 1'-0"

MAIN FLOOR
 SCALE: 1/8" = 1'-0"

LEON RESIDENCE

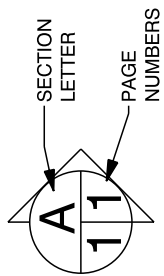
1114 FOREST ROAD
 LAKEWOOD OH 44107

DRAWN BY: PAGE: 5

SCALE: 1/8" = 1'-0"

DATE: 12/10/2025

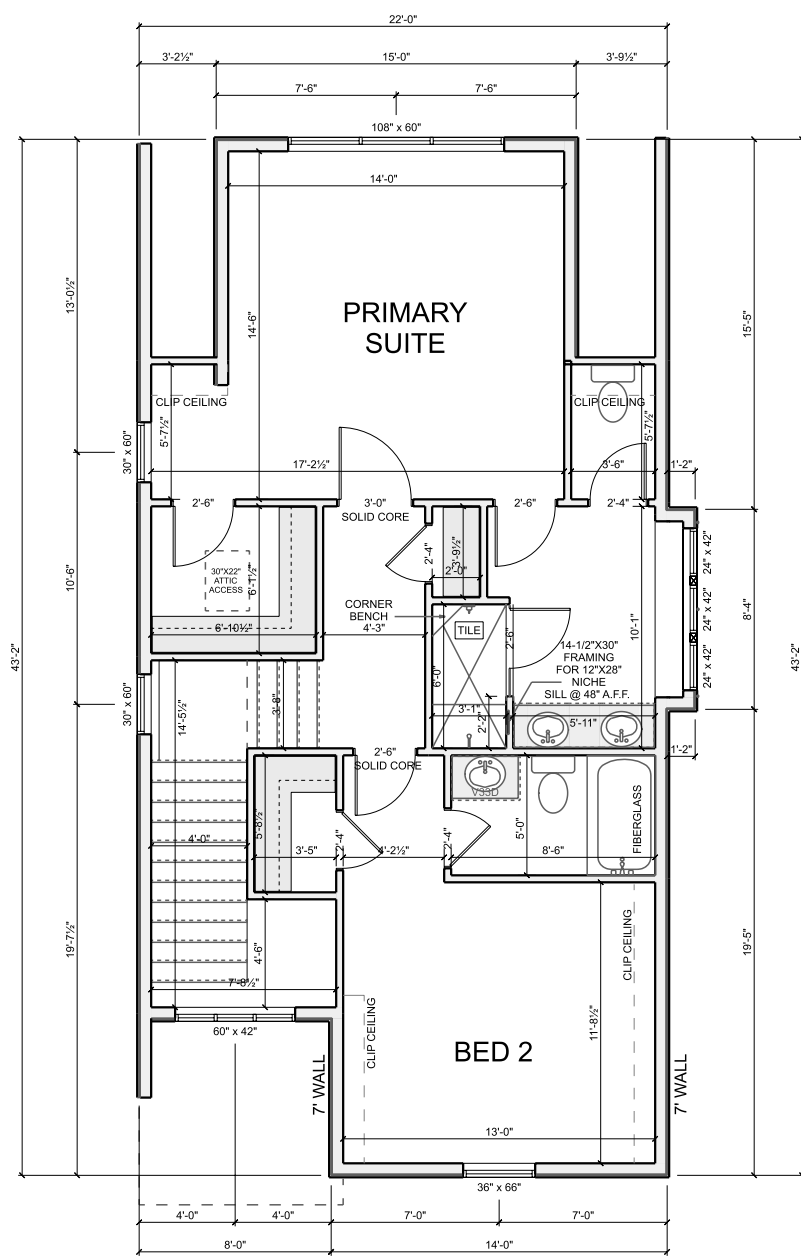
MAIN FLOOR



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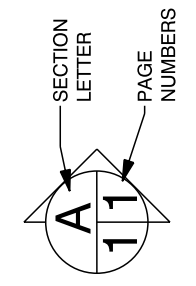
8' WALL HEIGHTS
 6'8" SOLID CORE DRS.
 UNLESS OTHERWISE NOTED

SECOND FLOOR

SCALE: 1/8" = 1'-0"



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LEON RESIDENCE

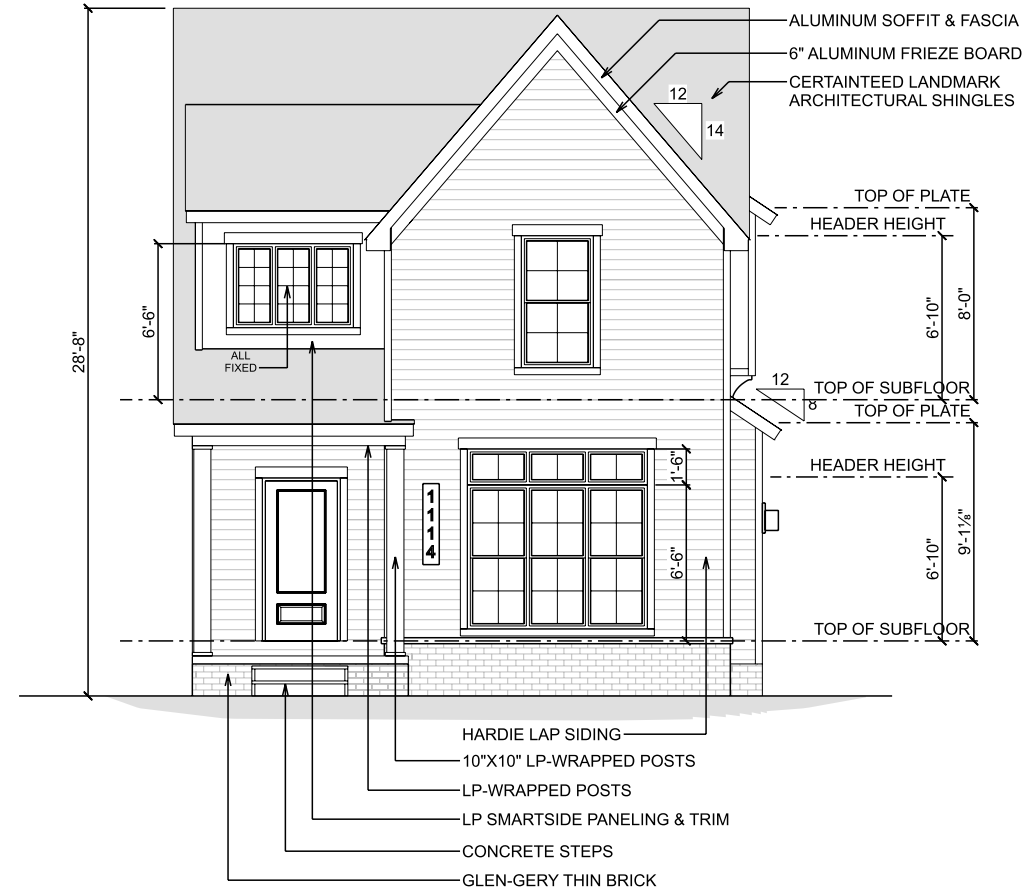
1114 FOREST ROAD
 LAKEWOOD OH 44107

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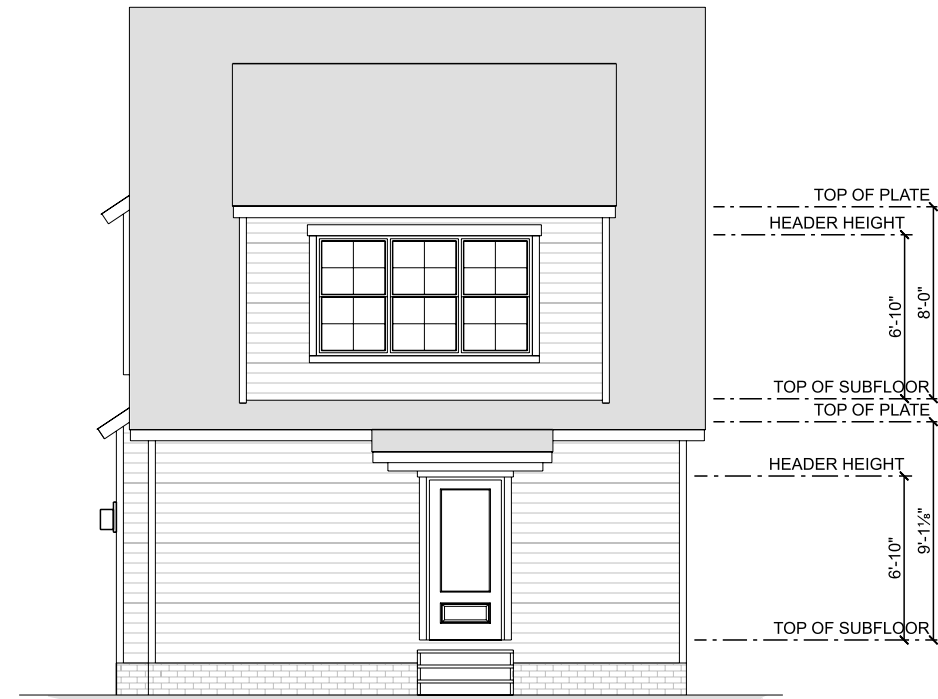
SCALE: 1/8" = 1'-0"

DATE: 12/10/2025

SECOND FLOOR



FRONT ELEVATION
SCALE: 1/8" = 1'-0"



REAR ELEVATION
SCALE: 1/8" = 1'-0"

HARDIE LAP SIDING	LP SMARTSIDE PANELING & TRIM
THIN BRICK FOUNDATION BAND ON ALL ELEVATIONS	GLEN-GERY THIN BRICK ON FRONT ELEVATION
ALUMINUM SOFFIT & FASCIA	6" ALUMINUM FRIEZE BOARDS
3-1/2" ALUMINUM WINDOW WRAP ON ALL WINDOWS	3-1/2" HARDIE SIDING CORNERS
URETHANE BRACKETS @ RIGHT BUMPOUT	PELLA IMPERVIA WINDOWS
10"X10" LP WRAPPED POSTS @ FRONT PORCH	LP WRAPPED BEAMS @ FRONT PORCH
CERTAINEED LANDMARK ARCHITECTURAL SHINGLES	WAYNE-DALTON 9100-SERIES GARAGE DOORS

LEON RESIDENCE

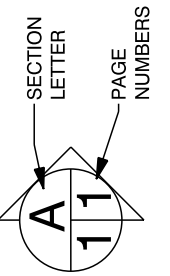
1114 FOREST ROAD
LAKEWOOD OH 44107

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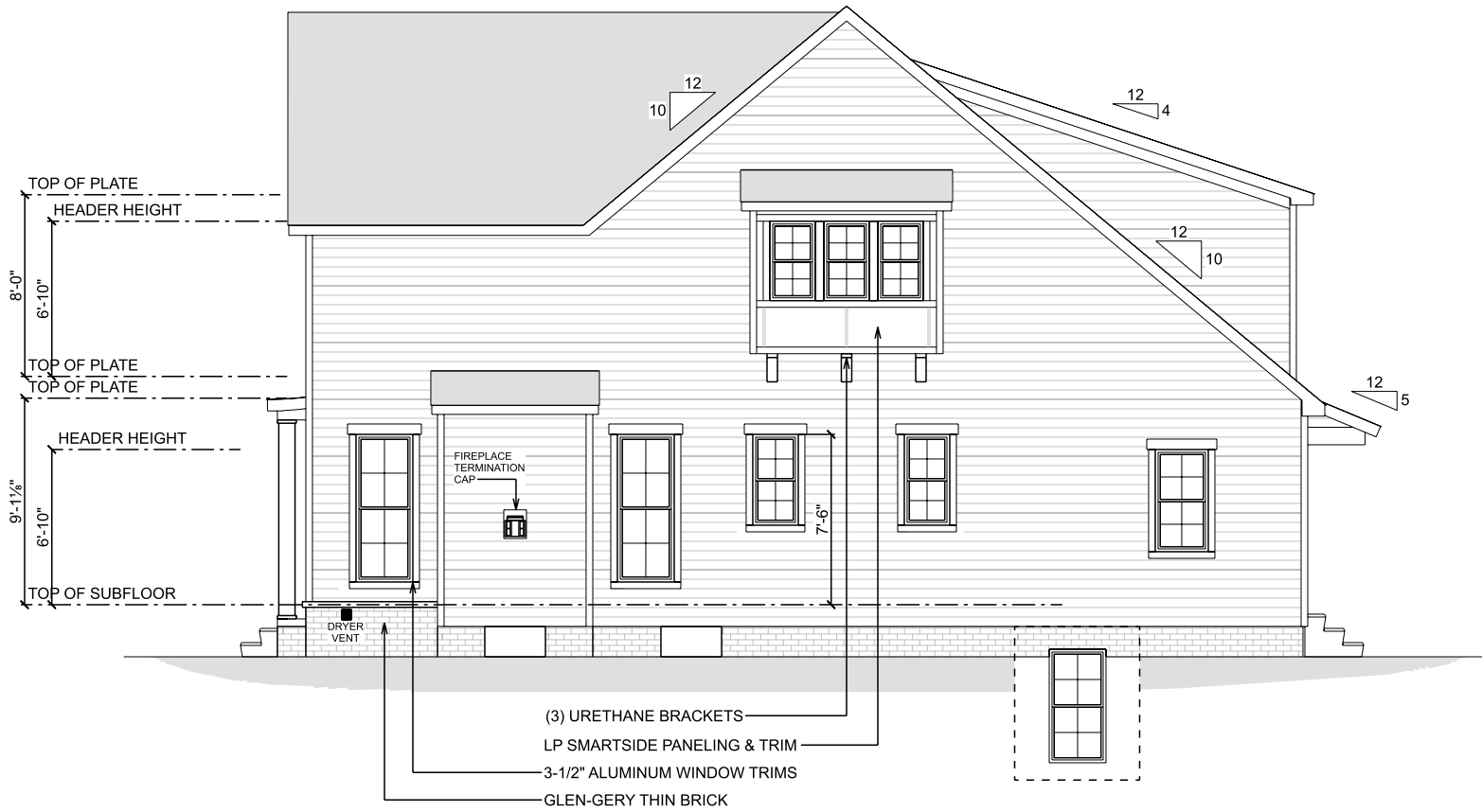
DATE: 12/10/2025

FRONT & REAR ELEVATIONS



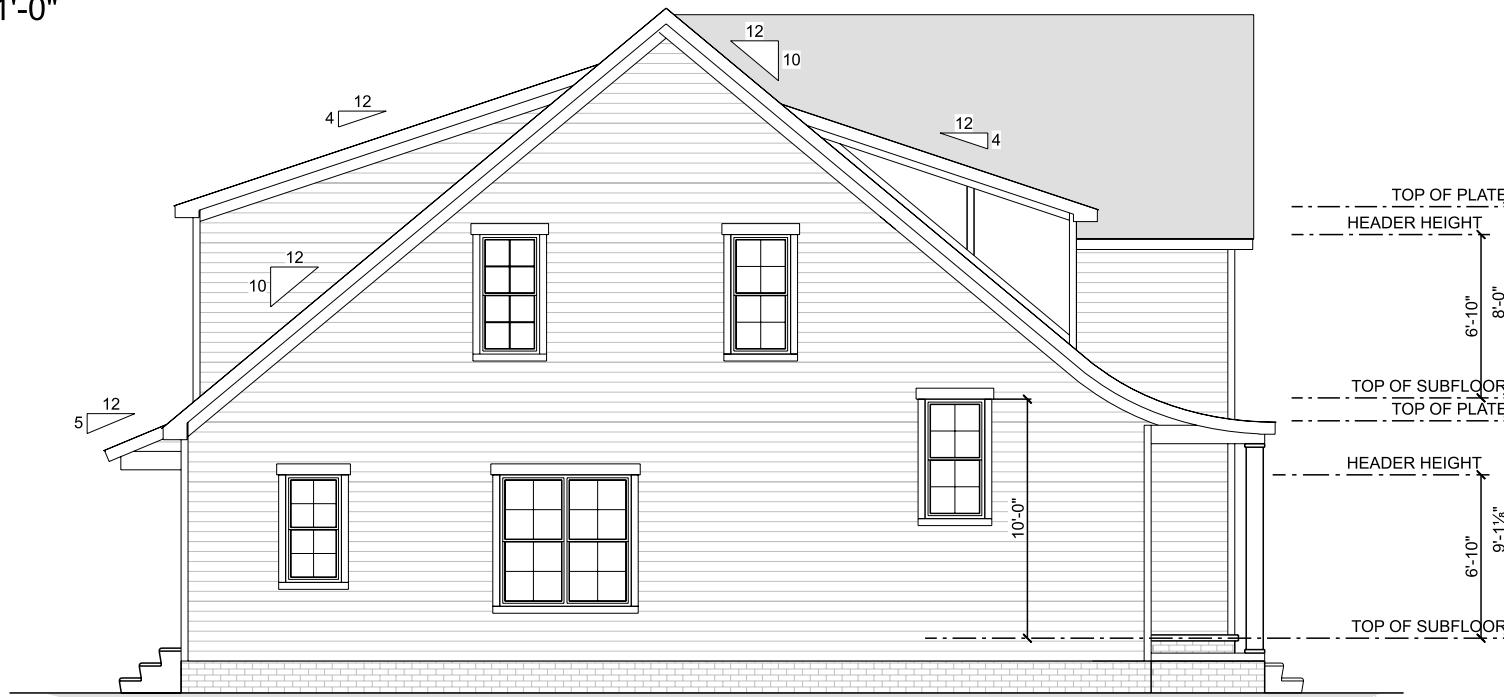
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RIGHT ELEVATION

SCALE: 1/8" = 1'-0"



LEFT ELEVATION

SCALE: 1/8" = 1'-0"

HARDIE LAP SIDING	LP SMARTSIDE PANELING & TRIM
THIN BRICK FOUNDATION BAND ON ALL ELEVATIONS	GLEN-GERY THIN BRICK ON FRONT ELEVATION
ALUMINUM SOFFIT & FASCIA	6" ALUMINUM FRIEZE BOARDS
3-1/2" ALUMINUM WINDOW WRAP ON ALL WINDOWS	3-1/2" HARDIE SIDING CORNERS
URETHANE BRACKETS @ RIGHT BUMPOUT	PELLA IMPERVIA WINDOWS
10"X10" LP WRAPPED POSTS @ FRONT PORCH	LP WRAPPED BEAMS @ FRONT PORCH
CERTAINTED LANDMARK ARCHITECTURAL SHINGLES	WAYNE-DALTON 9100-SERIES GARAGE DOORS

LEON RESIDENCE

1114 FOREST ROAD
LAKEWOOD OH 44107

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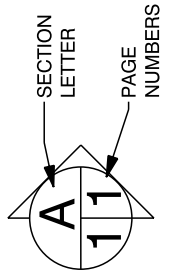
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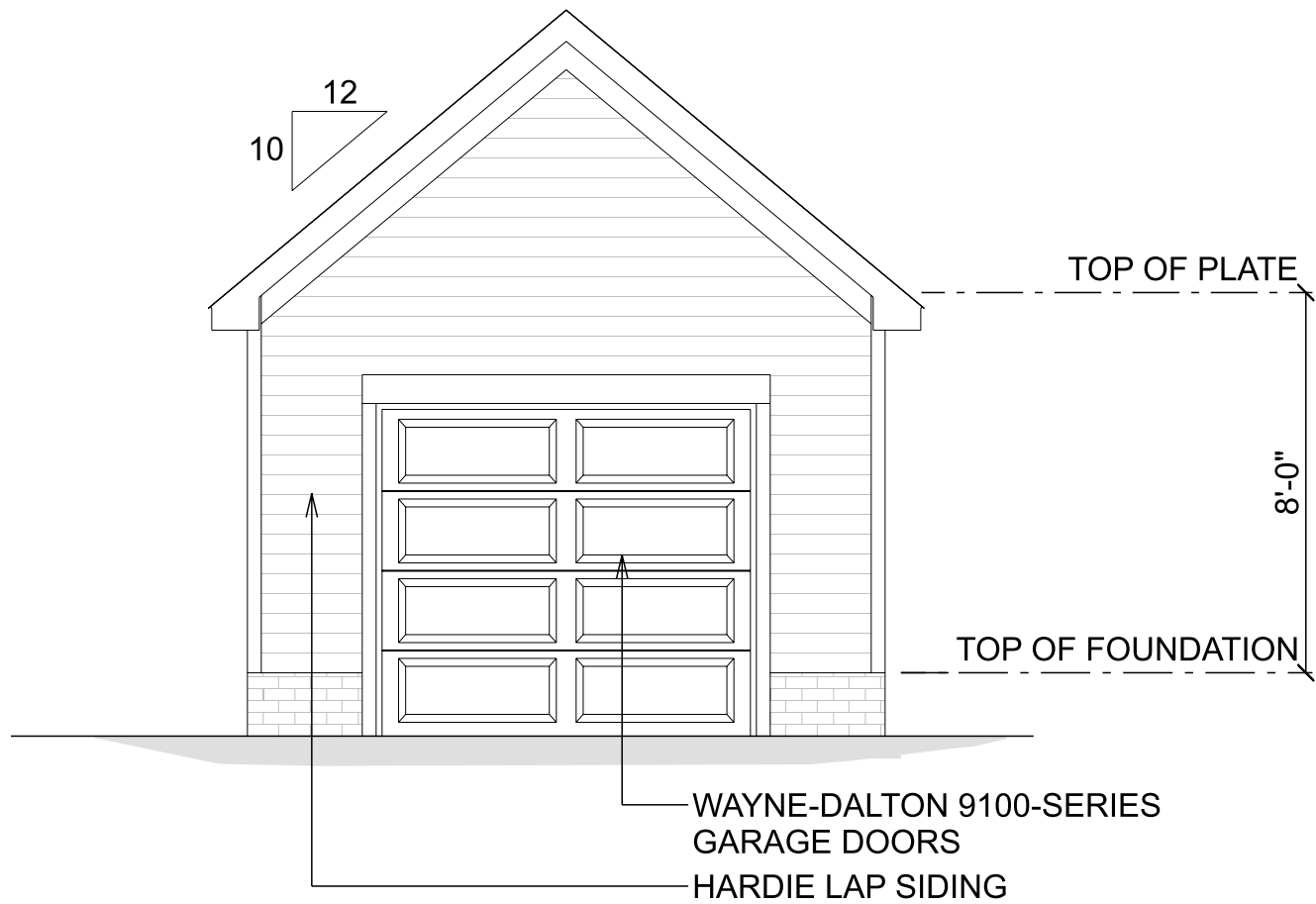
SIDE ELEVATIONS



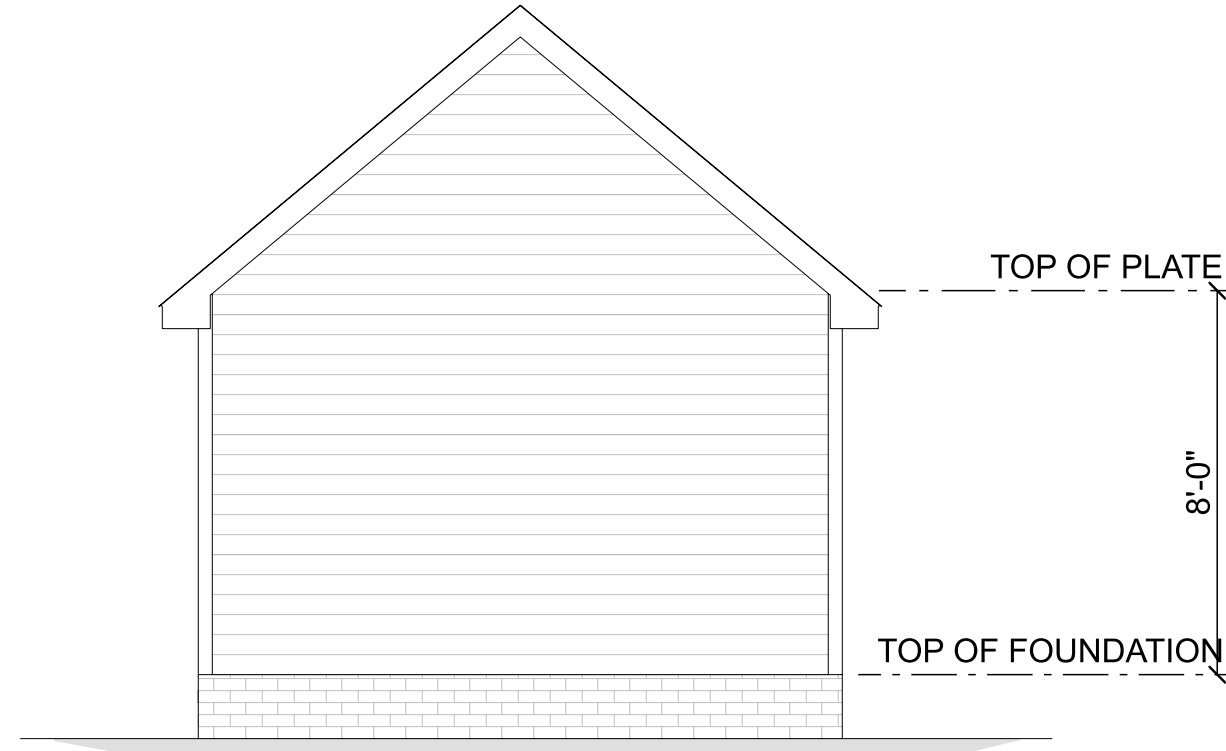
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FRONT ELEVATION
SCALE: 1/4" = 1'-0"



REAR ELEVATION
SCALE: 1/4" = 1'-0"

LEON RESIDENCE

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LAKEWOOD OH 44107

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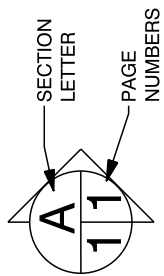
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PAGE:

9

GARAGE ELEVATIONS



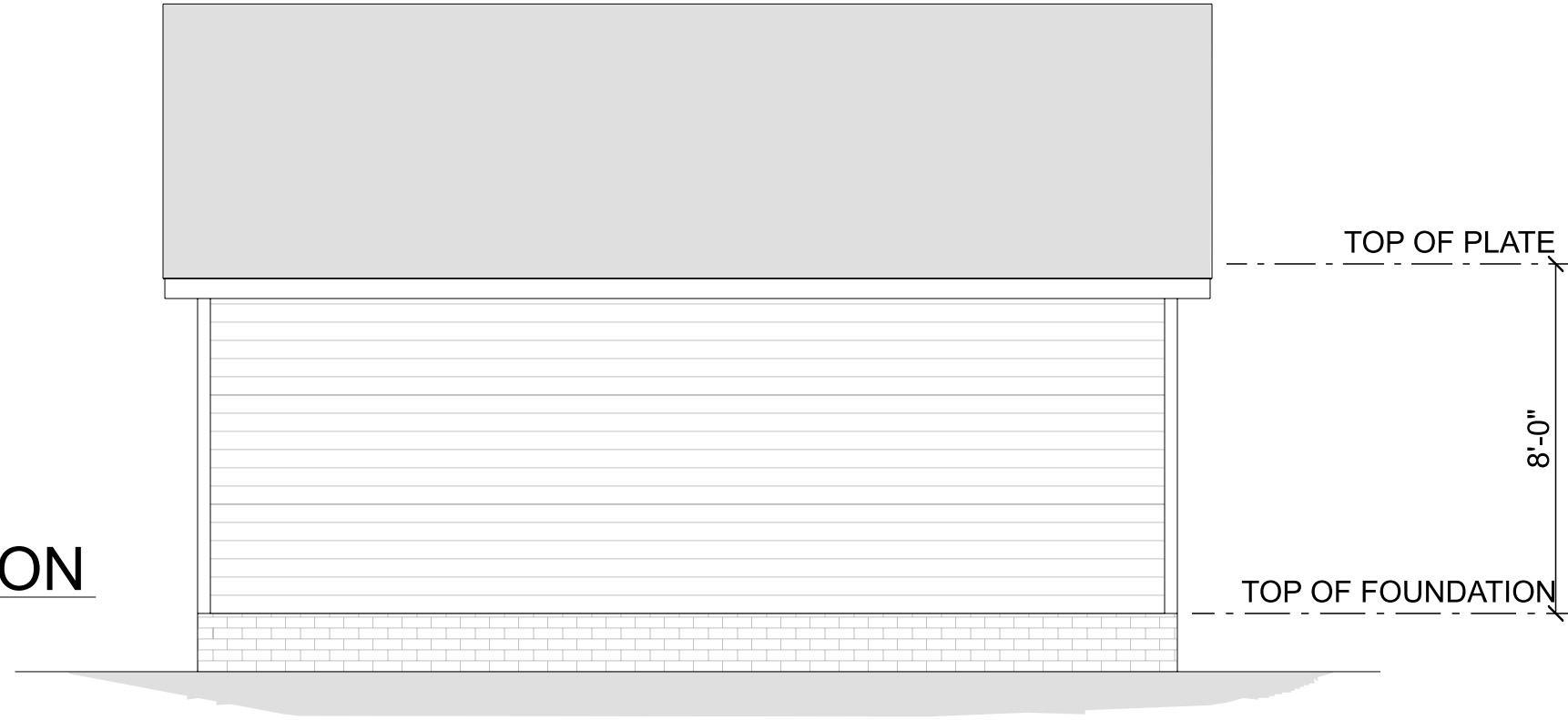
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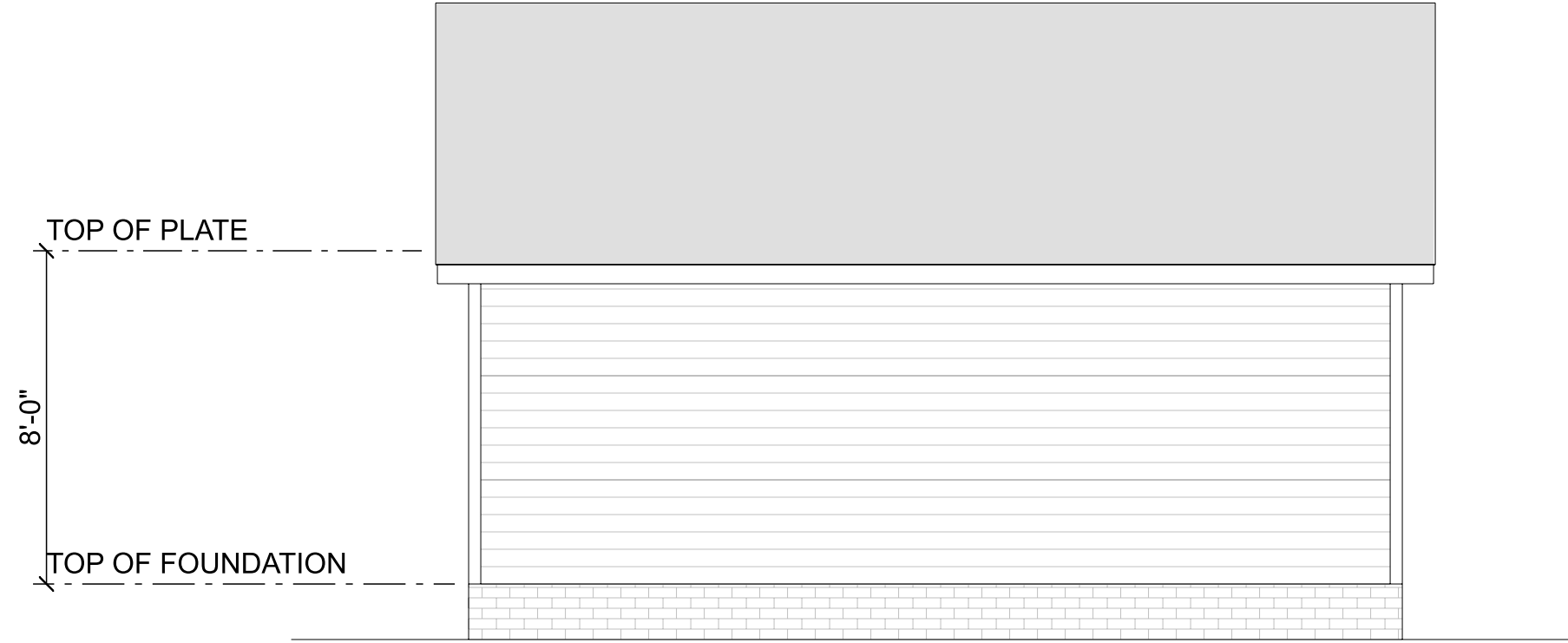
RIGHT ELEVATION

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



LEFT ELEVATION

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



LEON RESIDENCE

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LAKEWOOD OH 44107

DRAWN BY:

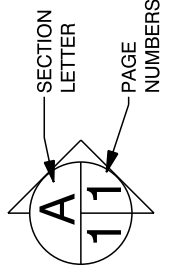
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DATE: 12/10/2025

PAGE:

10

GARAGE SIDE ELEVATIONS



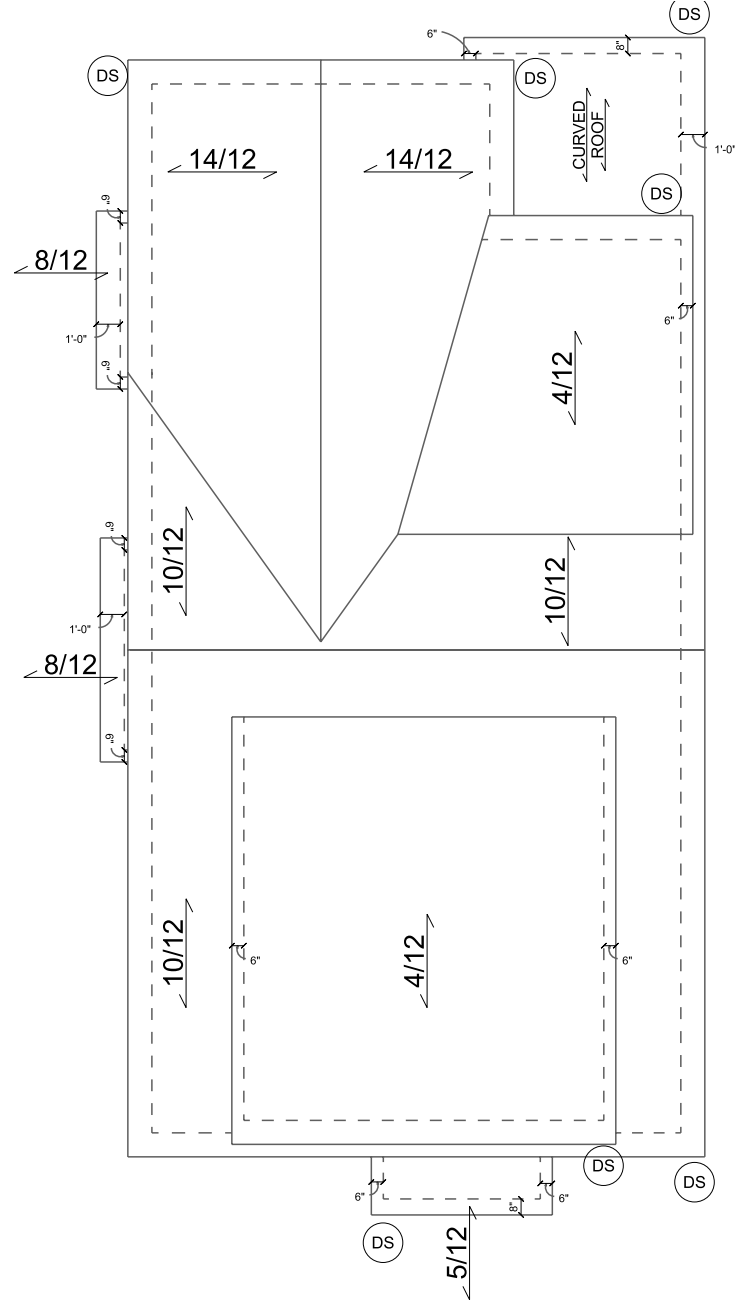
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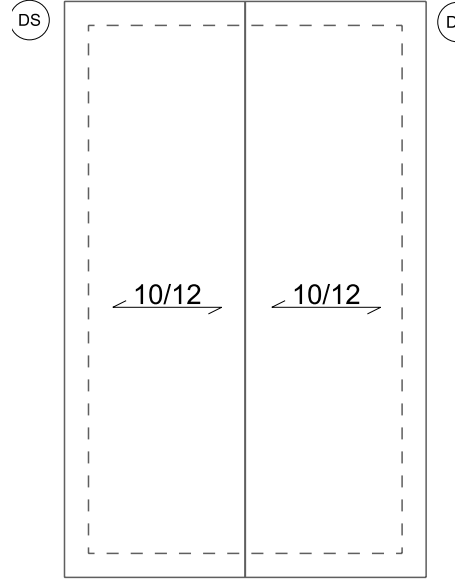
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ROOF PLAN

SCALE: 1/8" = 1'-0"



12" OVERHANGS TYPICAL
UNLESS OTHERWISE NOTED



ROOF PLAN

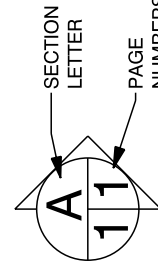
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LEON RESIDENCE

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LAKEWOOD OH 44107

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DATE: 12/10/2025

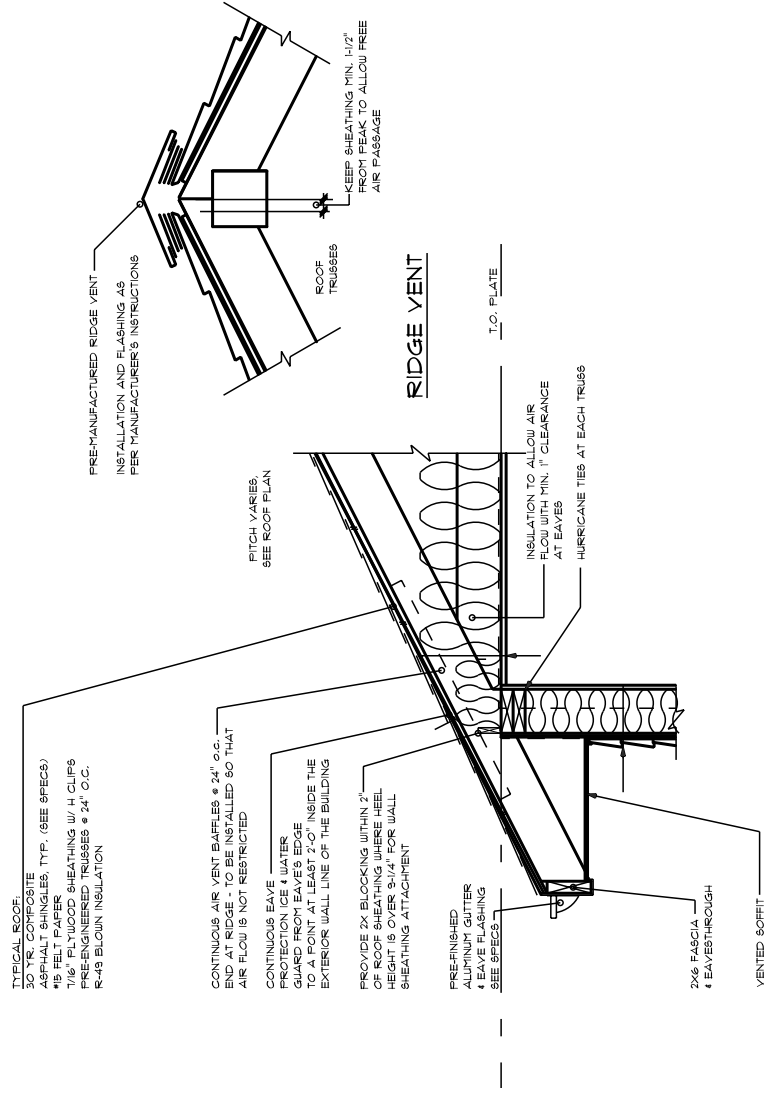
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11

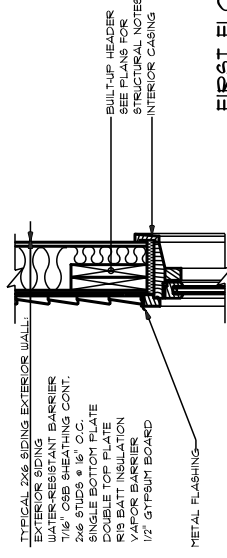
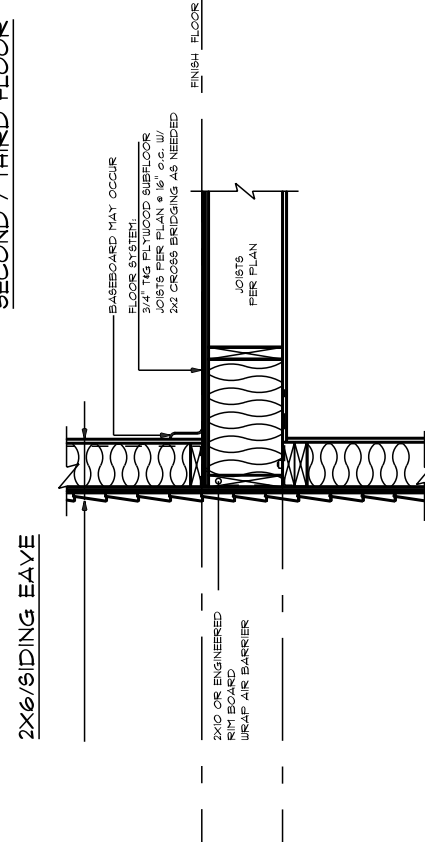
ROOF PLAN

SECTION - 2X6 WALLS

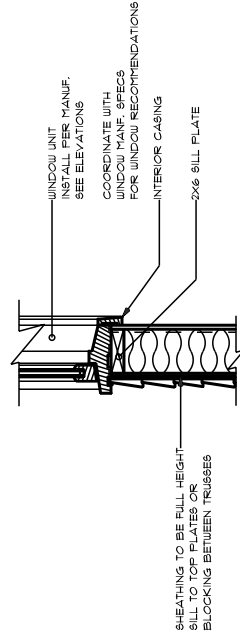
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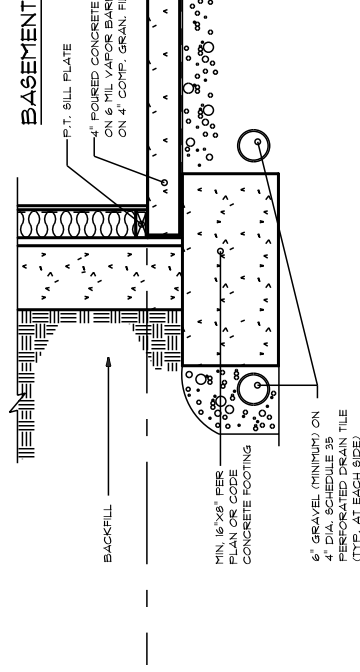
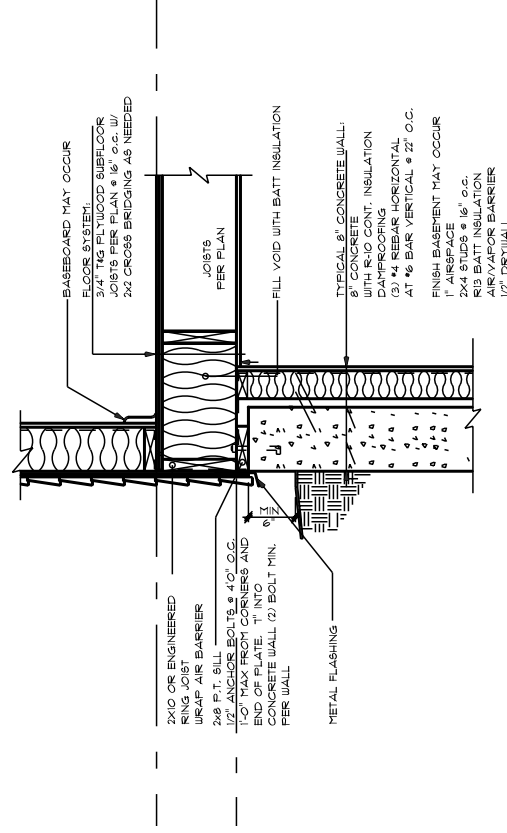
SECOND / THIRD FLOOR



FIRST FLOOR



2X6 SIDING HEADER & SILL (TYP.)



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LEON RESIDENCE

1114 FOREST ROAD
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SECTION LETTER
A

PAGE NUMBERS
11

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

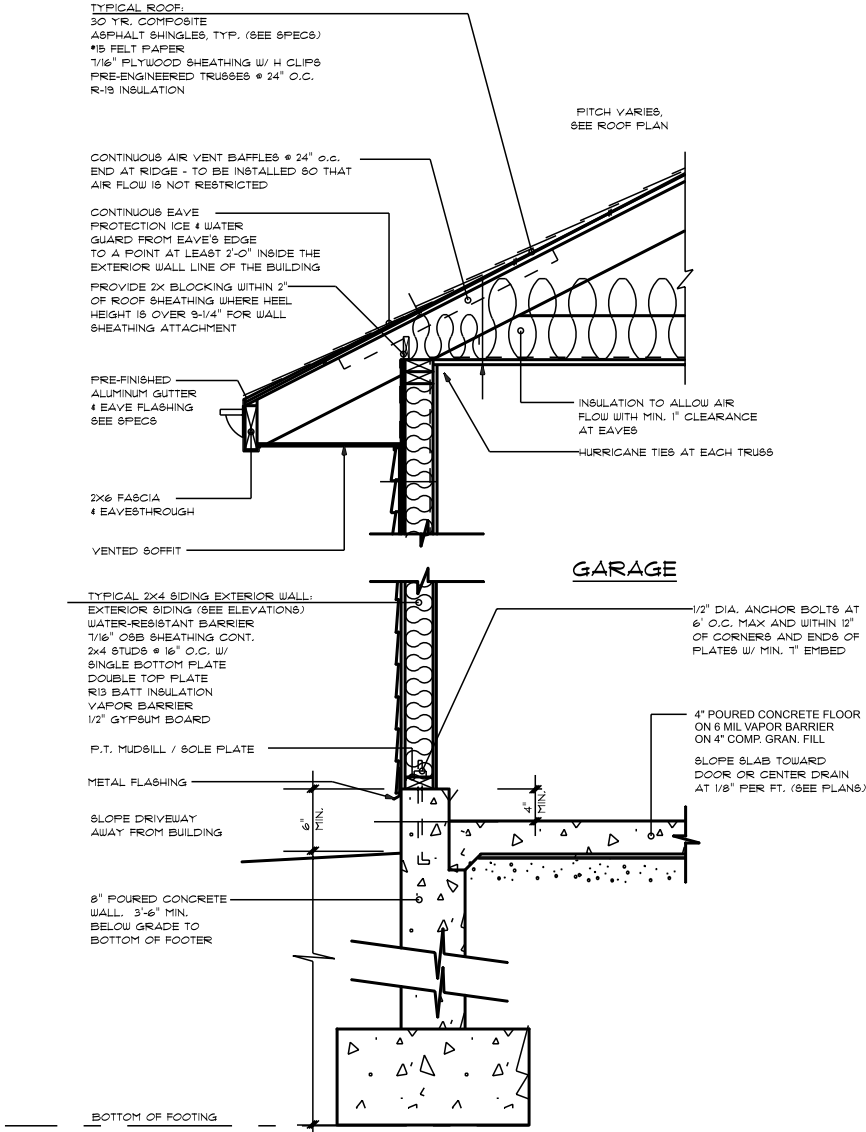
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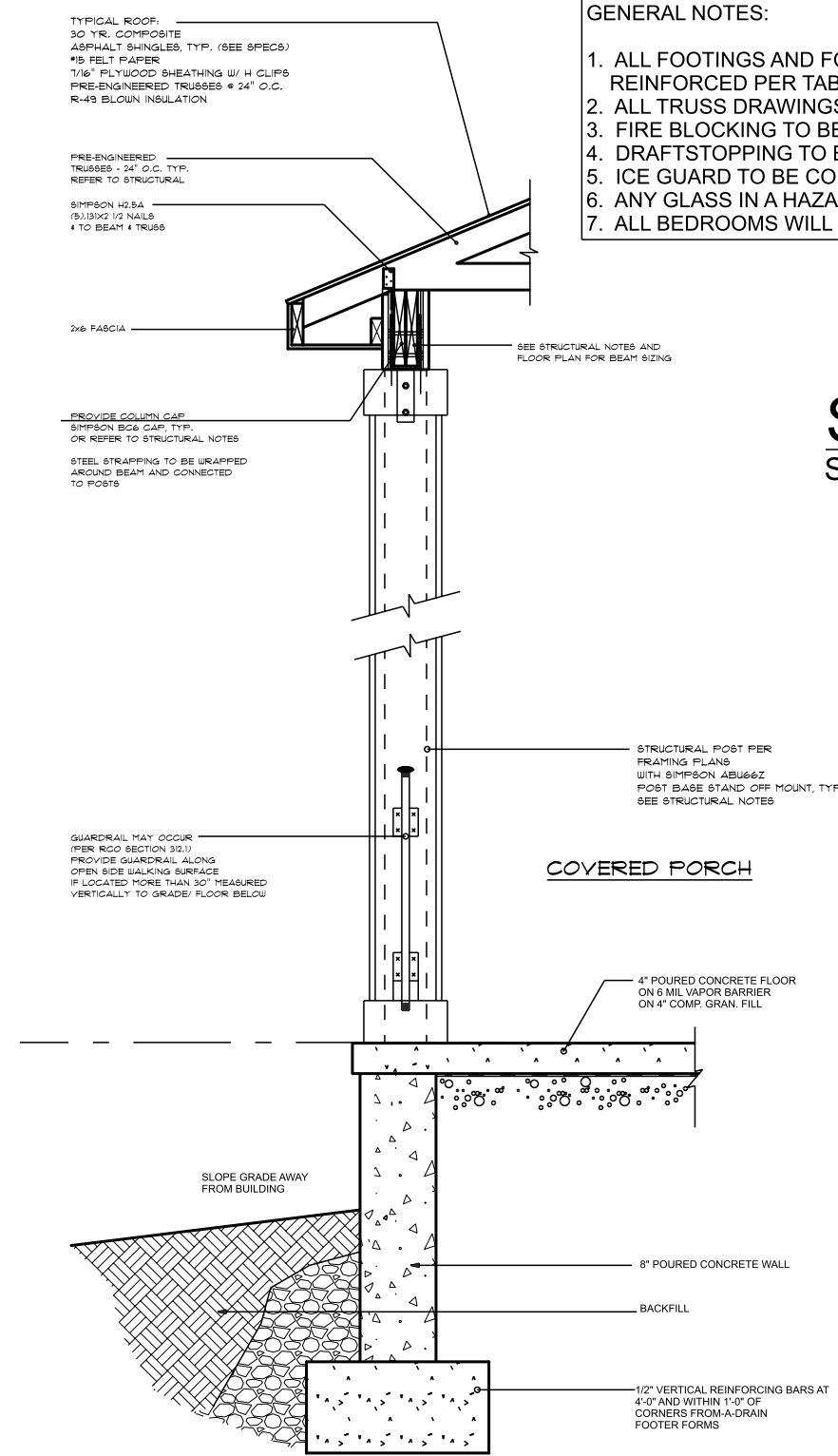
12

SECTIONS 2X6

- GENERAL NOTES:**
1. ALL FOOTINGS AND FOUNDATION WALLS TO BE SIZED AND REINFORCED PER TABLES 401.4.1, 403.1, 402.2, 404.1.1 (1)-(4)
 2. ALL TRUSS DRAWINGS TO BE ON SITE AND APPROVED PRIOR TO INSTALATION
 3. FIRE BLOCKING TO BE COMPLETED IN COMPLIANCE WITH R602.8
 4. DRAFTSTOPPING TO BE COMPLETED IN COMPLIANCE WITH R502.12
 5. ICE GUARD TO BE COMPLETED IN COMPLIANCE WITH R905.2.7.2
 6. ANY GLASS IN A HAZARDOUS AREA WILL BE TEMPERED (GLAZED) PER R308.4
 7. ALL BEDROOMS WILL HAVE 1 EMERGENCY & RESCUE OPENINGS PER R310.1 - 310.1.4



POURED CONCRETE FOOTING AT GARAGE
TYP. WALL SECTION @ GARAGE



TYPICAL COVERED PORCH DETAIL

SECTION - 2X6 WALLS
SCALE: 1/2" = 1'-0"

LEON RESIDENCE

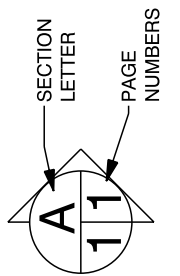
1114 FOREST ROAD
LAKEWOOD OH 44107

DRAWN BY: PAGE: 13

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

DATE: 12/10/2025

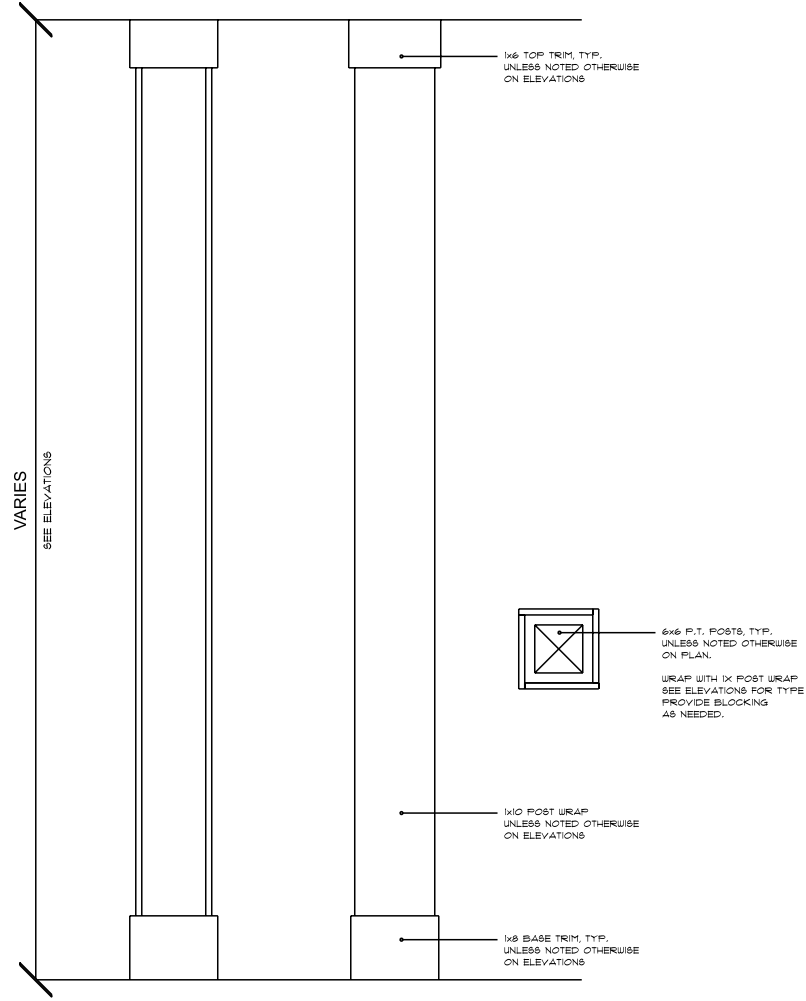
WALL SECTIONS



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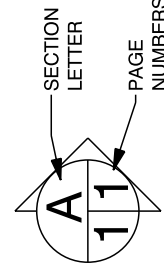
STANDARD PORCH POST DETAIL
 SCALE: 1/2" = 1'-0"



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LEON RESIDENCE

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DRAWN BY:

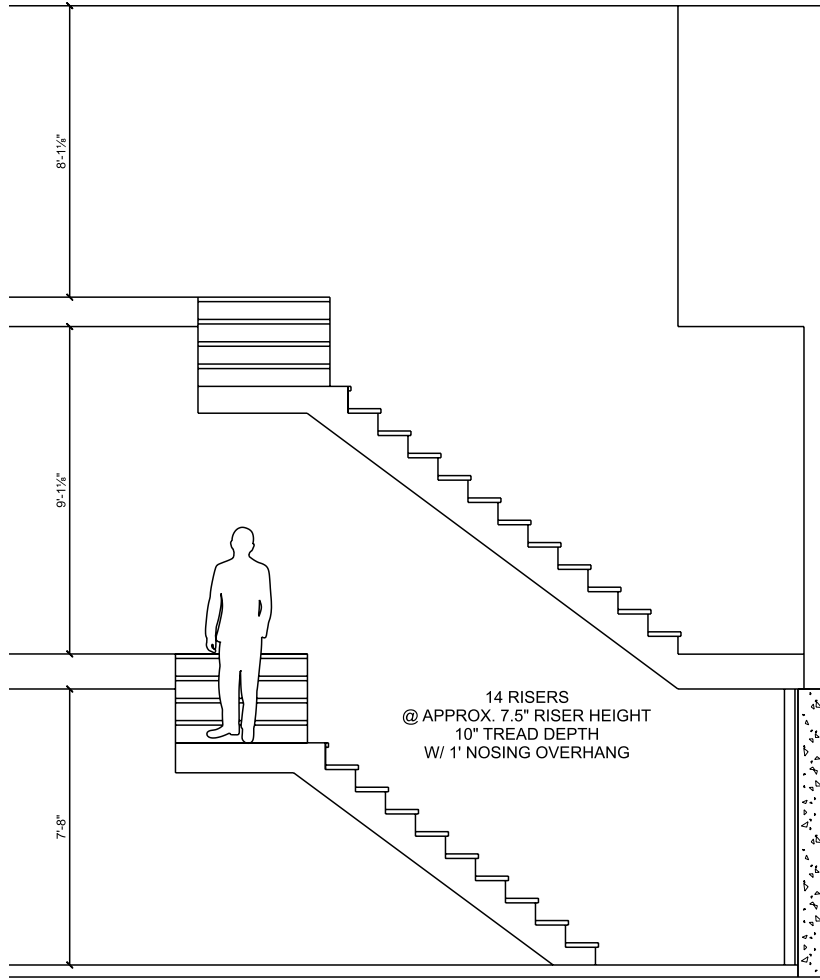
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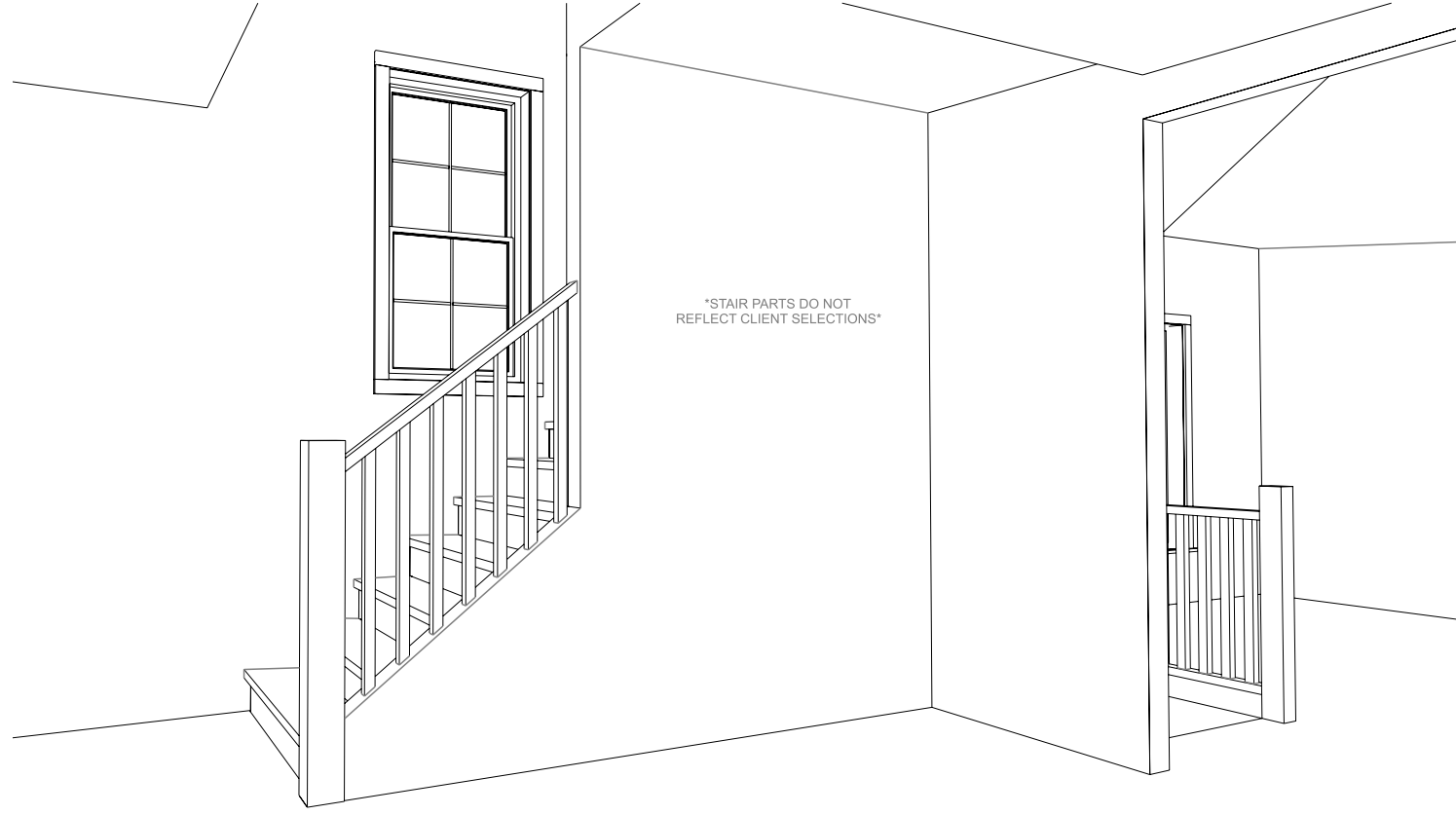
PAGE:

14

ADDITIONAL SECTIONS



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



STAIR DETAIL
SCALE: NOT TO SCALE



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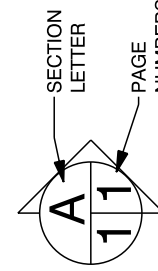
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LEON RESIDENCE

1114 FOREST ROAD
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SCALE: As Noted
DATE: 12/10/2025

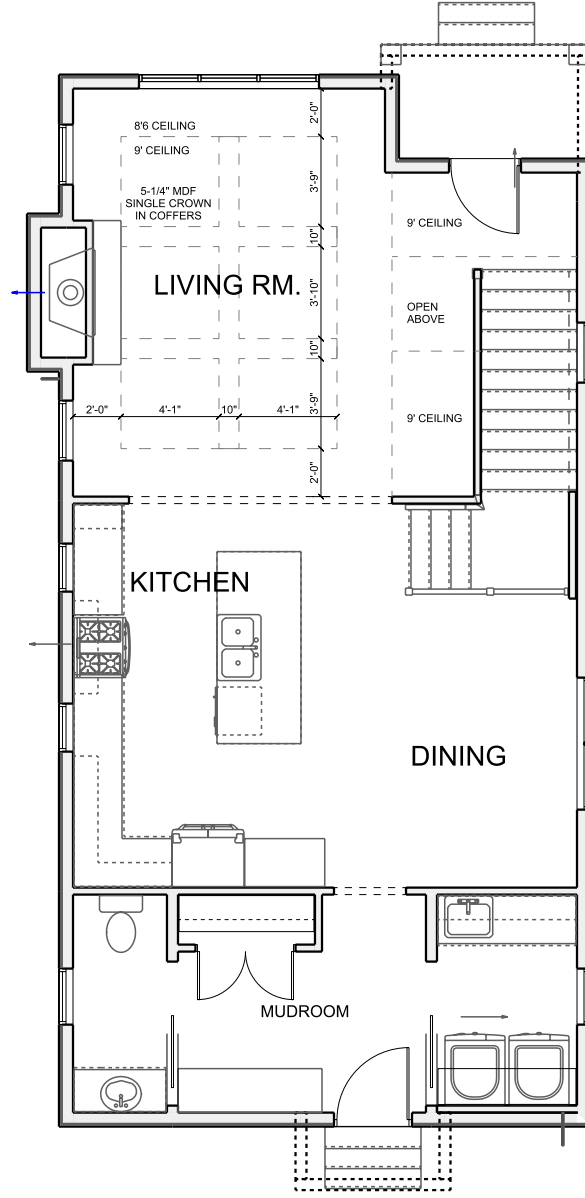
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15
STAIR DETAIL



CEILING DETAILS - MAIN FLOOR

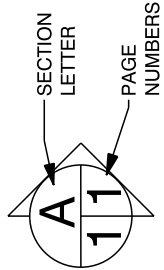
SCALE: 1/8" = 1'-0"

9' WALL HEIGHTS
 6'8" DOOR HEIGHTS
 8' SQ. DRYWALL OPENINGS
 UNLESS OTHERWISE NOTED



Old World Classics, LLC

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 North Canton, OH 44720
 330.494.0228
 www.oldworldclassics.com



LEON RESIDENCE

1114 FOREST ROAD
 LAKEWOOD OH 44107

DRAWN BY:

SCALE: 1/8" = 1'-0"

DATE: 12/10/2025

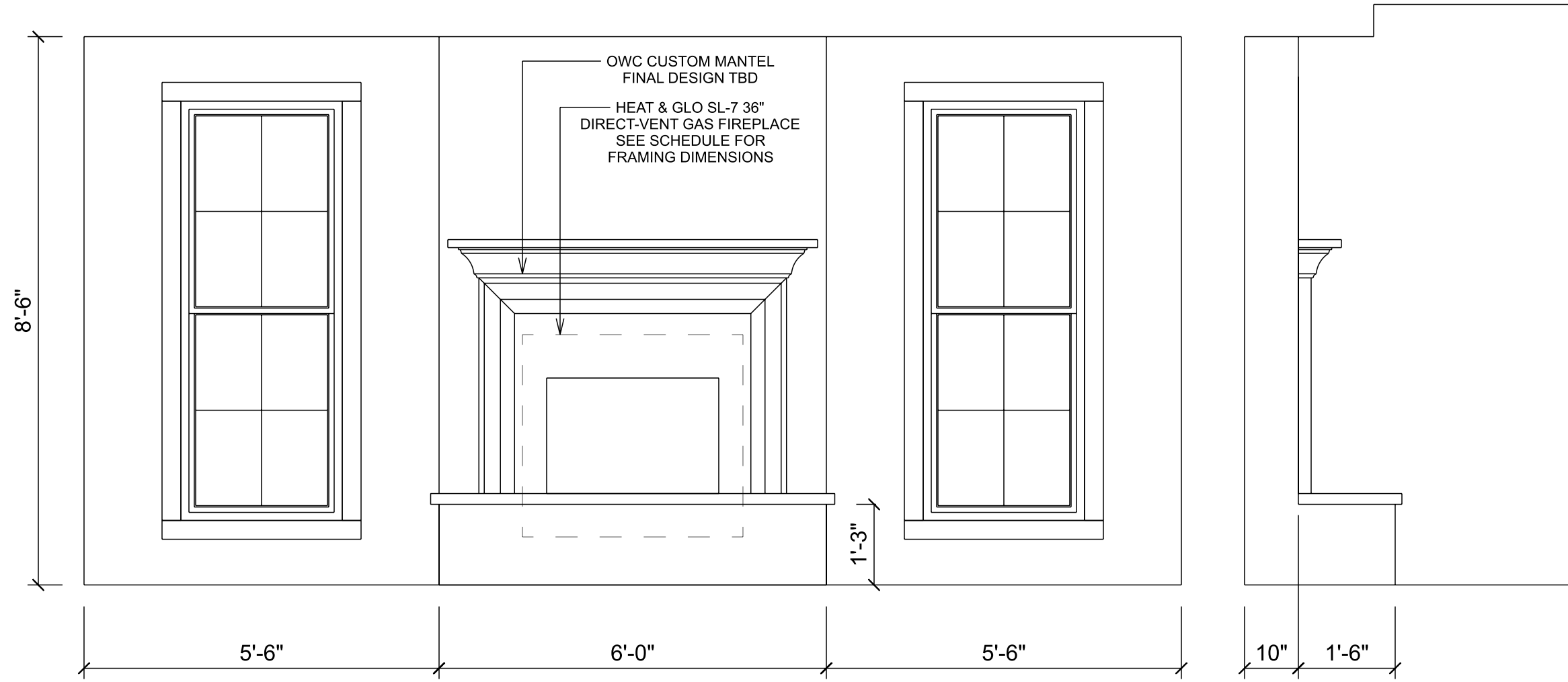
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16

CEILING DETAILS

GREAT ROOM FIREPLACE ELEVATION

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

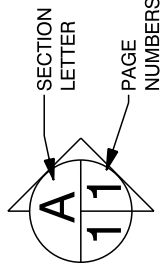


Old World
CUSTOM HOMES

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SECTION LETTER
PAGE NUMBERS

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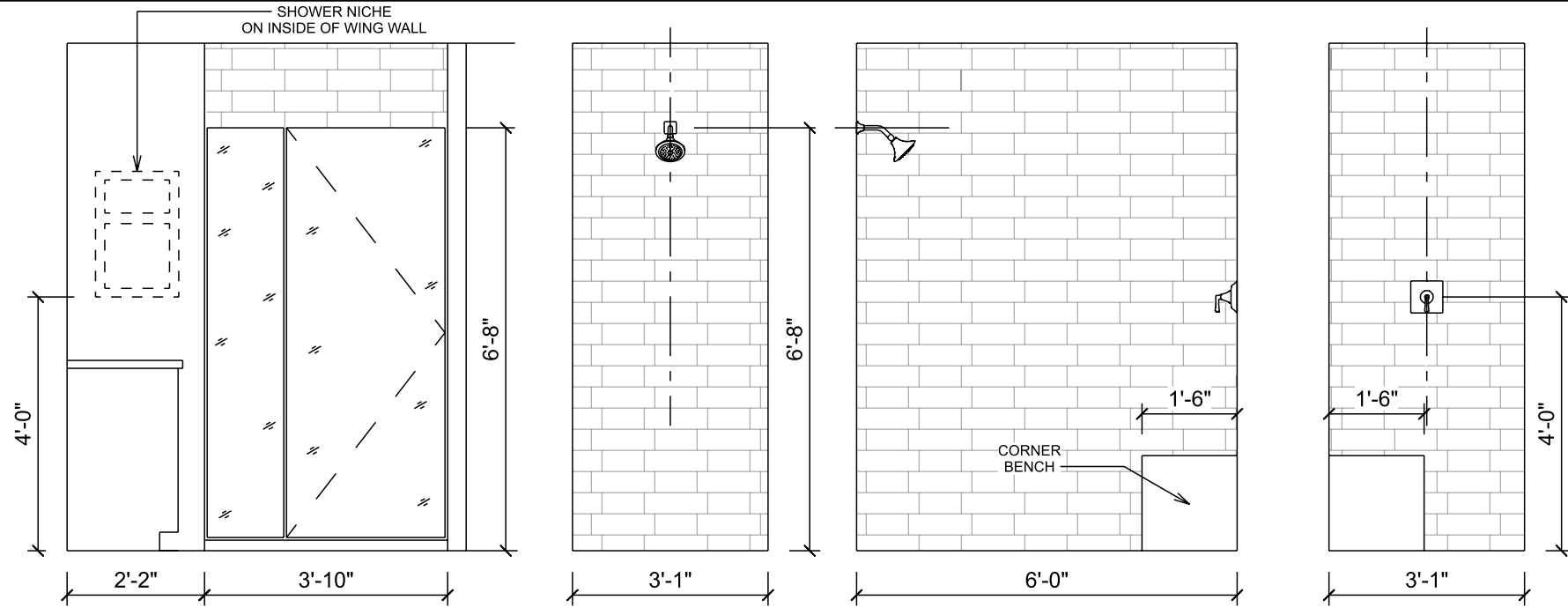
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DATE: 12/10/2025

PAGE:

17

GREAT ROOM ELEVATION



MASTER SHOWER DETAIL

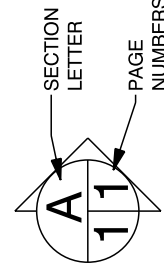
SCALE: 3/8" = 1'-0"



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SECTION LETTER

PAGE NUMBERS

LEON RESIDENCE

1114 FOREST ROAD
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DATE: 12/10/2025

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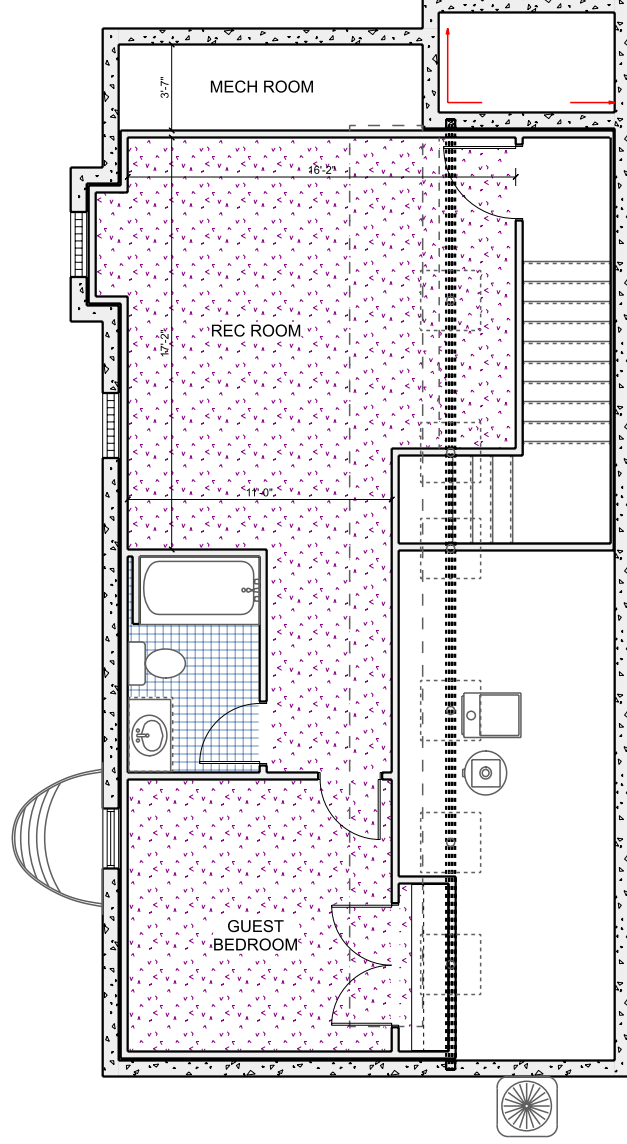
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ADDITIONAL DETAILS

FLOOR FINISHES - BASEMENT

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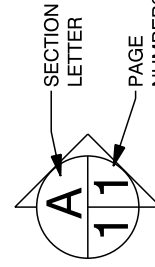
HATCH SHOWING PLACEMENT ONLY	
CONCRETE	
LVP	
LVT	
CARPET	
FULL HEIGHT WALL TILE	



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DRAWN BY:

SCALE: 1/8" = 1'-0"

DATE: 12/10/2025

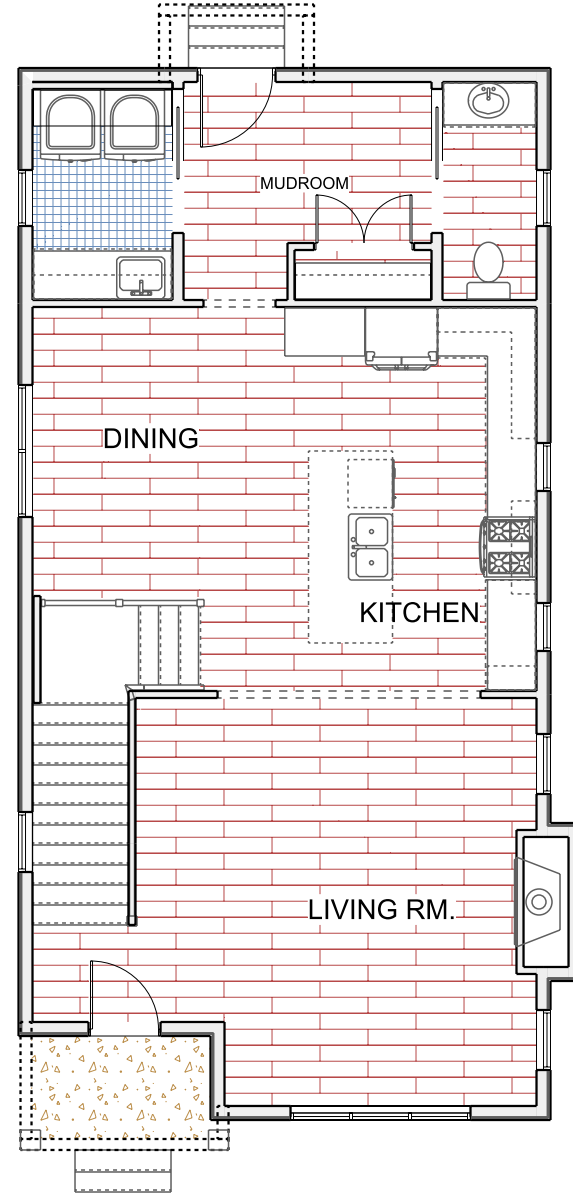
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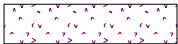
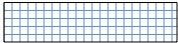


19

FLOOR FINISHES - BASEMENT

FLOOR FINISHES - MAIN FLOOR

SCALE: 1/8" = 1'-0"



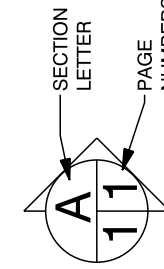
	FULL HEIGHT WALL TILE
	CARPET
	LVT
	LVP
	CONCRETE
HATCH SHOWING PLACEMENT ONLY	



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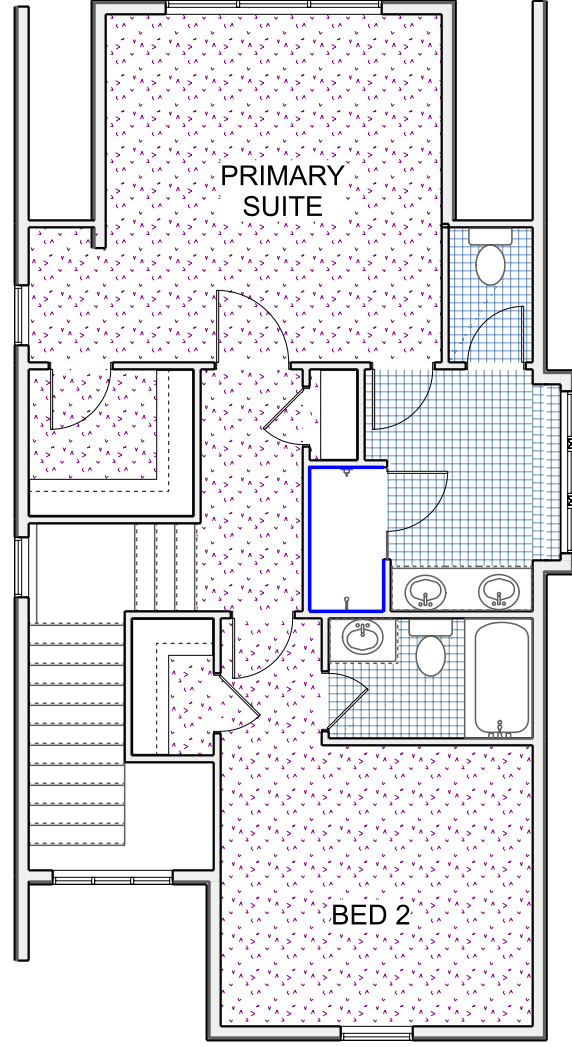
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SCALE: 1/8" = 1'-0"

PAGE:
20

DATE: 12/10/2025 FLOOR FINISHES - MAIN FLOOR

FLOOR FINISHES - SECOND FLOOR

SCALE: 1/8" = 1'-0"



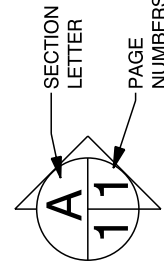
	FULL HEIGHT WALL TILE
	CARPET
	LVT
	LVP
	CONCRETE
HATCH SHOWING PLACEMENT ONLY	



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DRAWN BY:
SCALE: 1/8" = 1'-0"

PAGE:

21

DATE: 12/10/2025 FLOOR FINISHES - SECOND FLOOR

GENERAL CONSTRUCTION NOTES

MISCELLANEOUS:

FOR ANY ELEMENTS OF CONSTRUCTION NOT SPECIFICALLY NOTED ON THESE PLANS, COMPLY WITH THE LATEST EDITION OF THE OBOA RESIDENTIAL CODE OF OHIO, UNLESS LOCAL BUILDING AND ZONING DEPARTMENTS ADGERE TO A SPECIFIC EDITION.

TRUSSES:

ALL TRUSSES ARE TO BE DESIGNED BY THE TRUSS MANUFACTURER WITH DETAIL DRAWINGS DESCRIBING TRUSS LAYOUTS AND LOAD CALCULATIONS USED TO DESIGN THE TRUSSES. IT IS THE BUILDER AND/OR OWNERS RESPONSIBILITY TO SUPPLY ANY/OR ALL OF THIS INFORMATION IF REQUESTED BY THE BUILDING DEPARTMENT TO ISSUE BUILDING PERMITS.

LIVE LOADS:

IT IS THE RESPONSIBILITY OF THE BUILDER AND/OR OWNER TO VERIFY THAT ALL POINT LOADS TRANSFER TO THE FOUNDATION OR SPECIFIED BEARING LOCATIONS. STRUCTURE SHALL BE DESIGNED TO RESIST MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS PER RCO. 301.5

CONCRETE:

ALL CONCRETE SHALL COMPLY WITH ACI 318-08: "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" AND ACI 318-03: "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI. ALL EXTERIOR CONCRETE SHALL BE AIR-TRAINED PER RCO SECTION 402.2.

LUMBER:

IT IS THE RESPONSIBILITY OF THE BUILDER AND/OR OWNER TO VERIFY THAT ALL LUMBER USED FOR THIS PROJECT MEETS OR EXCEEDS THE MINIMUM REQUIREMENTS OF STRENGTH AND MOISTURE CONTENT SET FORTH BY THE STATE AND LOCAL BUILDING CODES. PER RCO 502.1

TYP. SPF #2 OR BETTER Fb.....875 PSI

WALL STUDS SHALL BE A MINIMUM OF 2X6'S @ 16" O.C. AND SHALL BE ONE PIECE FULL HEIGHT AND A MINIMUM OF (2) STUDS AT EACH SIDES OF ALL OPENINGS THROUGH ALL WALLS UNLESS NOTED OTHERWISE

ALL EXTERIOR WALLS TO HAVE VAPOR BARRIER PER RCO 601.3
ALL EXTERIOR WALLS TO HAVE WATER RESISTANT BARRIER PER RCO 703.2
ALL WALL COVERINGS SHALL BE CAPABLE OF RESISTING WIND LOADS IN ACCORDANCE WITH TABLES 301.2(2) AND 301.2(3) PER RCO 703.1.2.

REFER TO THE TYPICAL WALL SECTION FOR SUBFLOOR AND ROOF SHEATHING THICKNESS AND MATERIAL TYPES.

BUILDING THERMAL ENVELOPE:

THE BUILDING THERMAL ENVELOPE SHALL BE DURABLY SEALED TO LIMIT INFILTRATION PER RCO. 1102.4.1. THE SEALING METHODS BETWEEN DISSIMILAR MATERIALS SHALL ALLOW FOR DIFFERENTIAL EXPANSIONS AND CONTRACTION. THE FOLLOWING SHALL BE CAULKED, GASKETED, WEATHERSTRIPPED OR OTHERWISE SEALED WITH AN AIR BARRIER MATERIAL, SUITABLE FILM OR SOLID MATERIAL:

- ALL JOINTS, SEAMS, AND PENETRATIONS
- SITE-BUILT WINDOWS, DOORS, AND SKYLIGHTS
- OPENINGS BETWEEN WINDOW AND DOOR ASSEMBLIES AND THEIR RESPECTIVE JAMBS AND FRAMINGS
- UTILITY PROTECTIONS
- DROPPED CEILINGS OR CHASES ADJACENT TO THE THERMAL ENVELOPE
- KNEE WALLS
- WALLS & CEILINGS SEPARATING THE GARAGE FROM CONDITIONED SPACES
- BEHIND TUBS AND SHOWERS ON EXTERIOR WALLS
- ATTIC ACCESS OPENINGS
- OTHER SOURCES OF INFILTRATION

GENERAL CODE REQUIREMENTS

REFERENCE SECTIONS 1061.3 AND CHAPTER 44 OF THE RESIDENTIAL CODE OF OHIO

ROOFS:

ROOF SHINGLES SHALL BE APPLIED OVER A MINIMUM OF ONE POLY OF #15 FELT SHALL BE LAID PARALLEL TO THE EAVES, WITH A 2" TOP LAP AND 4" END LAP. FOR A ROOF WITH A 4/12 OR LESS PITCH REFER TO RCO SECTION 905.2. ICE GUARD AND WATERSHIELD AT ALL EAVES AND VALLEYS.

ATTICS:

ALL ENCLOSED ATTICS AND RAFTER SPACES SHALL HAVE CROSS VENTILATION WITH THE NET FREE VENTILATING AREA NOT LESS THAN 1/300 OF THE AREA TO BE VENTILATED. ALL OPENINGS SHALL BE PROTECTED AGAINST THE ENTRANCE OF SNOW AND RAIN.

MECHANICALS:

ALL PLUMBING, ELECTRICAL, HEATING AND COOLING SYSTEMS SHALL COMPLY WITH ALL ORDINANCES SET FORTH BY THE LOCAL GOVERNING BUILDING AND ZONING DEPARTMENTS. PLUMBING SHALL ALSO COMPLY WITH THE OHIO PLUMBING CODE. ELECTRICAL SHALL ALSO COMPLY WITH THE NATIONAL ELECTRIC CODE AND THE 2019 RESIDENTIAL CODE OF OHIO.

SMOKE & CARBON DETECTORS:

ALL SMOKE & CARBON DETECTORS SHALL BE HARDWIRED & INTERCONNECTED WITH A BATTERY BACK-UP. THEY SHALL BE INSTALLED IN EACH SLEEPING ROOM, OUTSIDE OF EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS AND ON EACH ADDITIONAL STORY OF THE BUILDING PER RCO. 314.3 AND 315.1

FIRESTOPPING:

SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS: CONCEALED SPACES OF STUD WALLS AND PARTITIONS AT THE CEILING AND FLOOR, OR ROOF LEVELS. AT ALL INTERCONNECTIONS BETWEEN VERTICAL AND HORIZONTAL SPACES SUCH AS OCCURS AR SOFFITS OVER CABINETS, DROP CEILINGS, ETC. ALSO AROUND VENTS, PIPES, AND CHIMNEYS AT CEILING AND FLOOR LEVELS, WITH NONCOMBUSTABLE MATERIALS.

INSULATION:

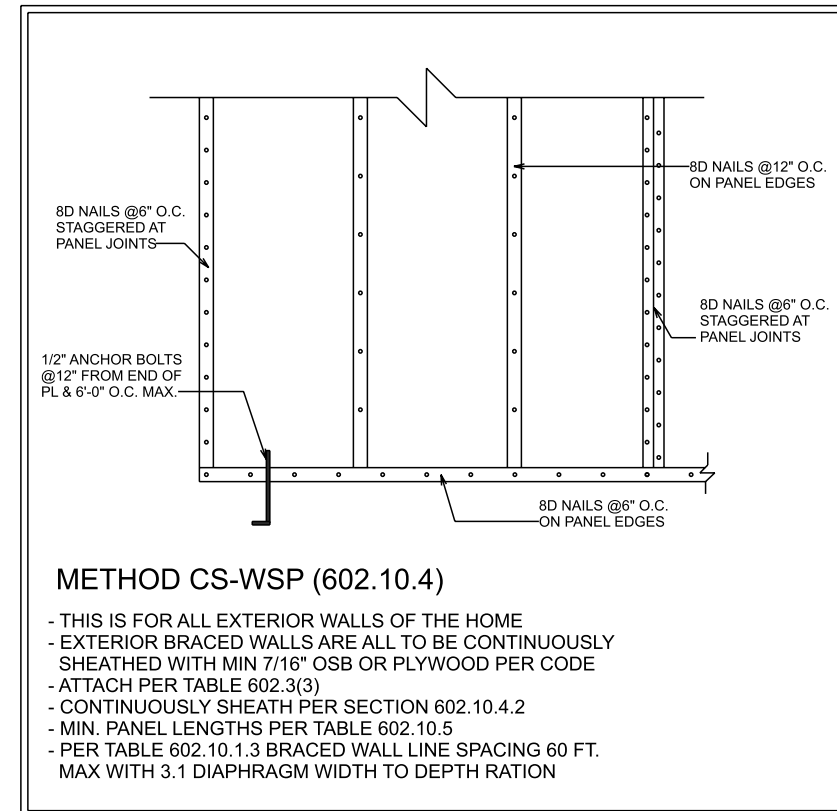
INSULATION SHALL BE INSTALLED AND ALSO COMPLY WITH ALL MINIMUM ORDINANCES SET FORTH BY THE LOCAL GOVERNING BUILDING AND ZONING DEPARTMENTS. REFER TO THE TYPICAL WALL SECTIONS FOR R-VALUES AND LOCATIONS.

SHEATHING:

EXTERIOR WALLS & ROOF SHALL BE CONTINUOUSLY SHEATHED WITH MIN. 7/16" OSB OR PLYWOOD PER SECTION 602.10 NAILED W/ 8D NAILS AT 6" O.C. AT ALL PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS.

FIREPLACES:

ALL CHIMNEYS AND FIREPLACES SHALL BE IN COMPLIANCE WITH THE REQUIREMENTS OF 2013 RCO AND INSTALLED PER THE ORDINANCES SET FORTH BY THE LOCAL GOVERNING BUILDING AND ZONING DEPARTMENTS. IT IS THE RESPONSIBILITY OF THE BUILDER AND/OR OWNER TO VERIFY THE ROUGH-OPENING DIMENSIONS FOR ALL PRE-FAB FIREPLACES WITH THE ACTUAL UNIT TO BE INSTALLED, PRIOR TO FRAMING.



METHOD CS-WSP (602.10.4)

- THIS IS FOR ALL EXTERIOR WALLS OF THE HOME
- EXTERIOR BRACED WALLS ARE ALL TO BE CONTINUOUSLY SHEATHED WITH MIN 7/16" OSB OR PLYWOOD PER CODE
- ATTACH PER TABLE 602.3(3)
- CONTINUOUSLY SHEATH PER SECTION 602.10.4.2
- MIN. PANEL LENGTHS PER TABLE 602.10.5
- PER TABLE 602.10.1.3 BRACED WALL LINE SPACING 60 FT. MAX WITH 3.1 DIAPHRAGM WIDTH TO DEPTH RATION

BRACED WALL PANELS (NOT TO SCALE)

STAIR REQUIREMENTS:

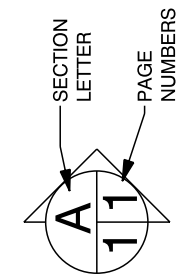
- MIN. STAIR WIDTH EXCLUDING WALL HANDRAIL.....3'-0"
- MINIMUM TREAD DEPTH.....9"
- MAXIMUM RISER HEIGHT.....8-1/4"
- MAXIMUM VARIANCE IN RISER HEIGHT.....3/8"
- MAXIMUM NOSING PROJECTION.....1"
- MINIMUM HEADROOM HEIGHT AT STAIR ANGLE.....6'-8"
- MINIMUM/MAXIMUM HANDRAIL HEIGHT.....34" / 38"
- MAXIMUM BALUSTER SPACING (CLEAR OPENING).....<4"
- MINIMUM GUARDRAIL HEIGHT AT STAIRS.....34"
- MINIMUM GUARDRAIL HEIGHT AT DECKS & BALCONIES.....36"
- MAXIMUM HAND GRIP WIDTH.....2-1/4"
- MINIMUM DISTANCE BETWEEN WALL AND HANDRAIL.....1-1/2"

LEON RESIDENCE
1114 FOREST ROAD
LAKEWOOD OH 44107

DRAWN BY:
SCALE: As Noted
DATE: 12/10/2025

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GENERAL NOTES



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FIREPLACE FRAMING SPECIFICATIONS					
	H&G SL-7 36"	H&G RUTHERFORD 42"	H&G COTTAGEWOOD 42"	SIMPLIFIRE ALLUME PLATINUM 50"	H&G VESPER 42"
FRAMING WIDTH	42"	53-7/8"	51-1/2"	51"	48-1/2"
FRAMING HEIGHT	38-1/4"	74-1/4"	59-3/4"	19-3/4"	34-1/4"
FRAMING DEPTH	16-1/4"	28-1/2"	28-1/2"	2X6	19-3/4"

OVERALL BUILDING DIMENSIONS	
LENGTH	45'-0"
WIDTH	23'-4"
HEIGHT	28'-8"

POURED CONCRETE INFORMATION	
LOCATION/TYPE	COMPRESSIVE STRENGTH
INTERIOR SLABS (EXCEPT GARAGE)	2500 PSI
FOUNDATION WALLS	3000 PSI
PORCH & GARAGE SLABS	3500 PSI

LEON RESIDENCE

1114 FOREST ROAD
LAKESWOOD OH 44107

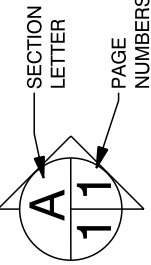
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SCALE: As Noted

DATE: 12/10/2025

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SCHEDULES



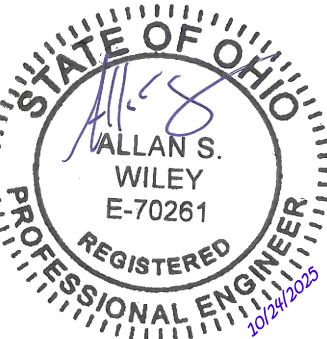
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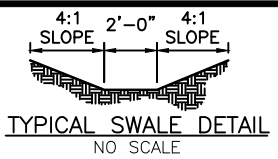
7056 Mears Gate Dr. NW
North Canton, OH 44720

LEGEND

- CAPPED REBAR TO BE SET
- CURVE DATA
- ⊗ EXISTING FIRE HYDRANT
- ⊗ EXISTING VALVE
- EXISTING MANHOLE
- EXISTING BOX INLET
- EXISTING CURB INLET
- ⊗ EXISTING LIGHT POLE
- ⊗ EXISTING POWER POLE
- FLOW DIRECTION OF DRAINAGE
- 00.00 NEW FINISHED GRADE ELEVATION
- 00.0 EXISTING FINISHED GRADE ELEVATION
- 00.00 NEW FINISHED TOP CONCRETE GRADE ELEVATION
- C.O. NEW LATERAL CLEAN OUT
- NEW TEMPORARY EROSION CONTROL (SILT SOXX)
- NEW TEMPORARY EROSION CONTROL AT INLET, USE ADS FLEXSTORM
- 780 — NEW FINISHED GRADE CONTOURS
- 780 — EXISTING GRADE CONTOURS
- SAN — EXISTING SANITARY SEWER
- LAT — EXISTING SANITARY LATERAL
- LAT — NEW SANITARY LATERAL
- ST — EXISTING STORM SEWER
- RD — EXISTING STORM LATERAL
- RD — NEW STORM LATERAL
- W — EXISTING WATER MAIN
- WS — EXISTING WATER SERVICE
- WS — NEW WATER SERVICE
- E — NEW UTILITY SERVICE



UTILITY CONNECTION NOTES:
 1. SANITARY LATERAL TO BE 6" AT 1.00% MIN.
 2. STORM LATERAL TO BE 6" AT 1.00% MIN.
 3. SANITARY WILL ENTER HOME UNDER FOOTER.
 4. WATER WILL ENTER HOME THROUGH A SLEEVE IN THE WALL A MIN. OF 2' ABOVE SANITARY AND WILL BE 1" DIAMETER COPPER.

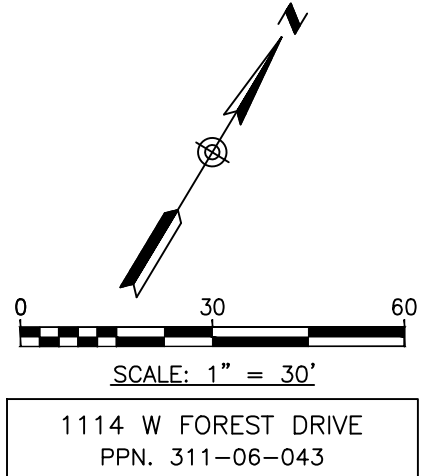
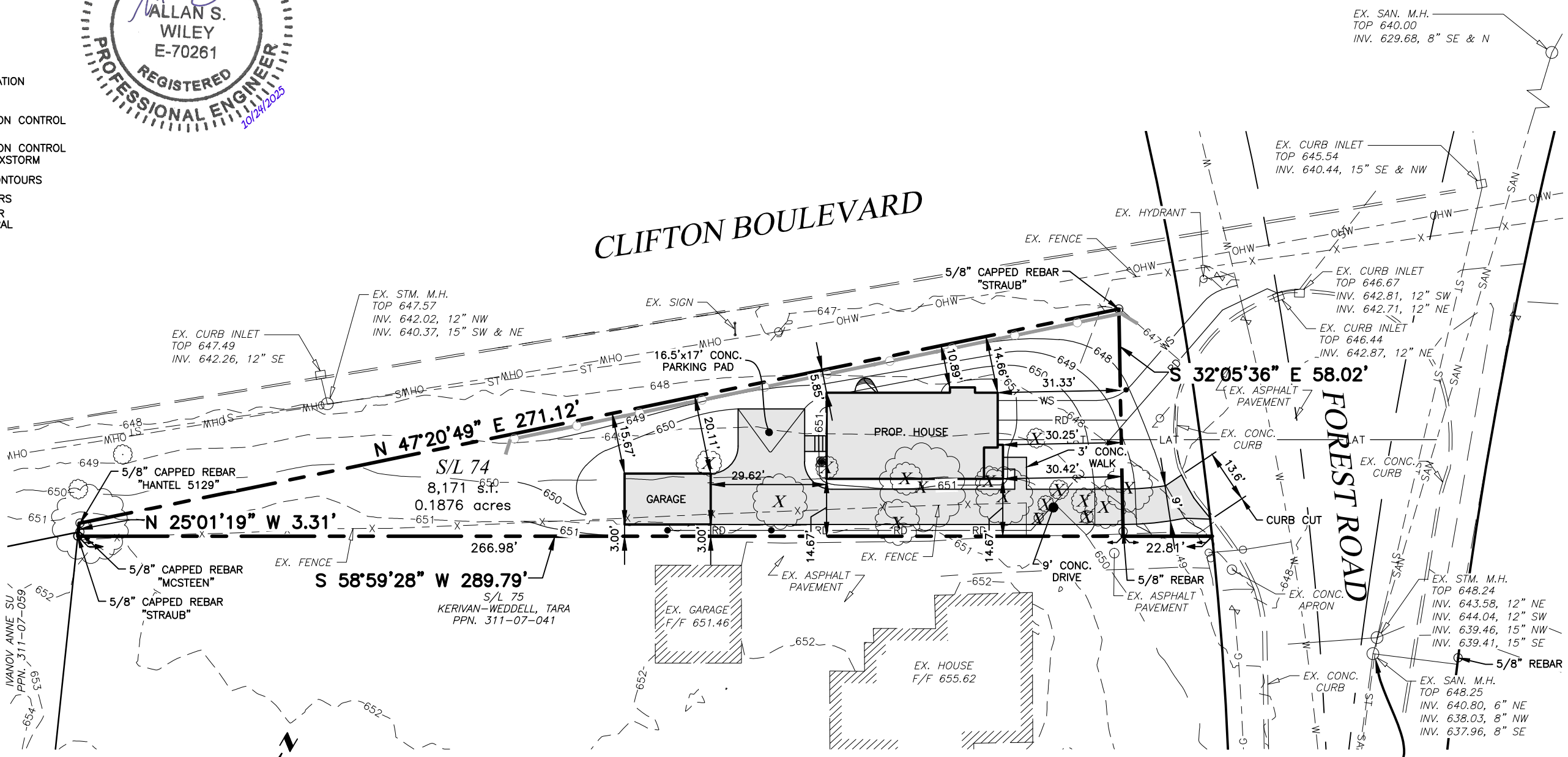


REVISIONS:

X EXISTING TREE TO BE REMOVED

PLOT PLAN NOTES:

1. THIS PLAN SHALL NOT BE CONSIDERED A BOUNDARY SURVEY OF THE PARCEL SHOWN. LATERAL INVERT ELEVATIONS AND LOCATIONS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ACTUAL LATERAL INVERT ELEVATION AND LOCATION PRIOR TO CONSTRUCTION.
2. CONTRACTOR TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES ON THE LOT PRIOR TO THE EXCAVATION OF THE FOUNDATION. EXISTING UNDERGROUND UTILITIES AND PAVEMENT ARE SHOWN PER COUNTY RECORDS.
3. EXISTING CONTOURS SHOWN ARE REPRESENTATIVE OF FIELD WORK DATED OCTOBER 2025.
4. FOUNDATION DIMENSIONS ARE MEASURED TO THE OUTSIDE CORNER OF FOUNDATION WALL OR BRICK FACE IF APPLICABLE.
5. FOUNDATION DRAIN SUMP PUMP IS REQUIRED FOR FOOTER DRAINS, USE MINIMUM 1% SLOPE TO STORM SEWER.
6. 2% SLOPE FOR SWALES IS PREFERRED, 1% MINIMUM.
7. MOWABLE AREAS OF THE YARD ARE NOT TO EXCEED 3:1 SLOPE UNLESS OTHERWISE SHOWN ON PLAN.
8. CONTRACTOR MUST CHECK THE BENCHMARK ELEVATION WITH THE TOP OF CURB ELEVATIONS SHOWN ON THE PLAN PRIOR TO START OF CONSTRUCTION.
9. ALL CONSTRUCTION TRAFFIC IS RESTRICTED TO THE CONSTRUCTION ENTRANCE.
10. REMOVE EXISTING CONCRETE AS NEEDED FOR NEW WORK.
11. CONTRACTOR TO WORK WITH UTILITY COMPANIES ON RELOCATIONS AS NEEDED FOR NEW WORK.
12. THE CITY OF WESTLAKE ENGINEERING DEPARTMENT MUST BE NOTIFIED TWENTY-FOUR (24) HOURS IN ADVANCE FOR ALL REQUIRED INSPECTIONS.
13. PRIOR TO CONSTRUCTION, BASEMENT AND FOOTER ELEVATIONS ARE TO BE VERIFIED BY THE BUILDER/CONTRACTOR AND IF A DISCREPANCY EXISTS BETWEEN THE HOUSE PLANS AND THIS PLOT PLAN, THE CITY OF WESTLAKE AND GBC DESIGN, INC., SHALL BE NOTIFIED.
14. FACE/FRONT OF MAILBOXES SHALL BE INSTALLED 12" FROM BACK OF CURB OR EDGE OF PAVEMENT.



1114 W FOREST DRIVE
PPN. 311-06-043

LOT BENCHMARK:
 C.L. RIM OF SANITARY MANHOLE LOCATED AS SHOWN ON PLOT PLAN.
 ELEV. 648.25

PLOT PLAN PREPARED FOR
 OLD WORLD CUSTOM HOMES
 SUBLOT NO. 74 IN THE CLIFTON PARK ALLOTMENT
 202309180243
 SITUATED IN THE CITY OF LAKEWOOD
 COUNTY OF CUYAHOGA, STATE OF OHIO

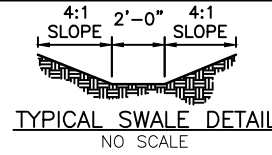
PREPARED BY:
GBC DESIGN, INC.
 565 White Pond Dr. Akron, OH 44320-1123
 Phone 330-836-0228 www.GBCDesign.com

BUILDER:
 OLD WORLD CUSTOM HOMES, LLC
 7054 MEARS GATE DR. NW
 NORTH CANTON, OHIO 44720
 ANDREW EGGEMAN
 330-494-0228

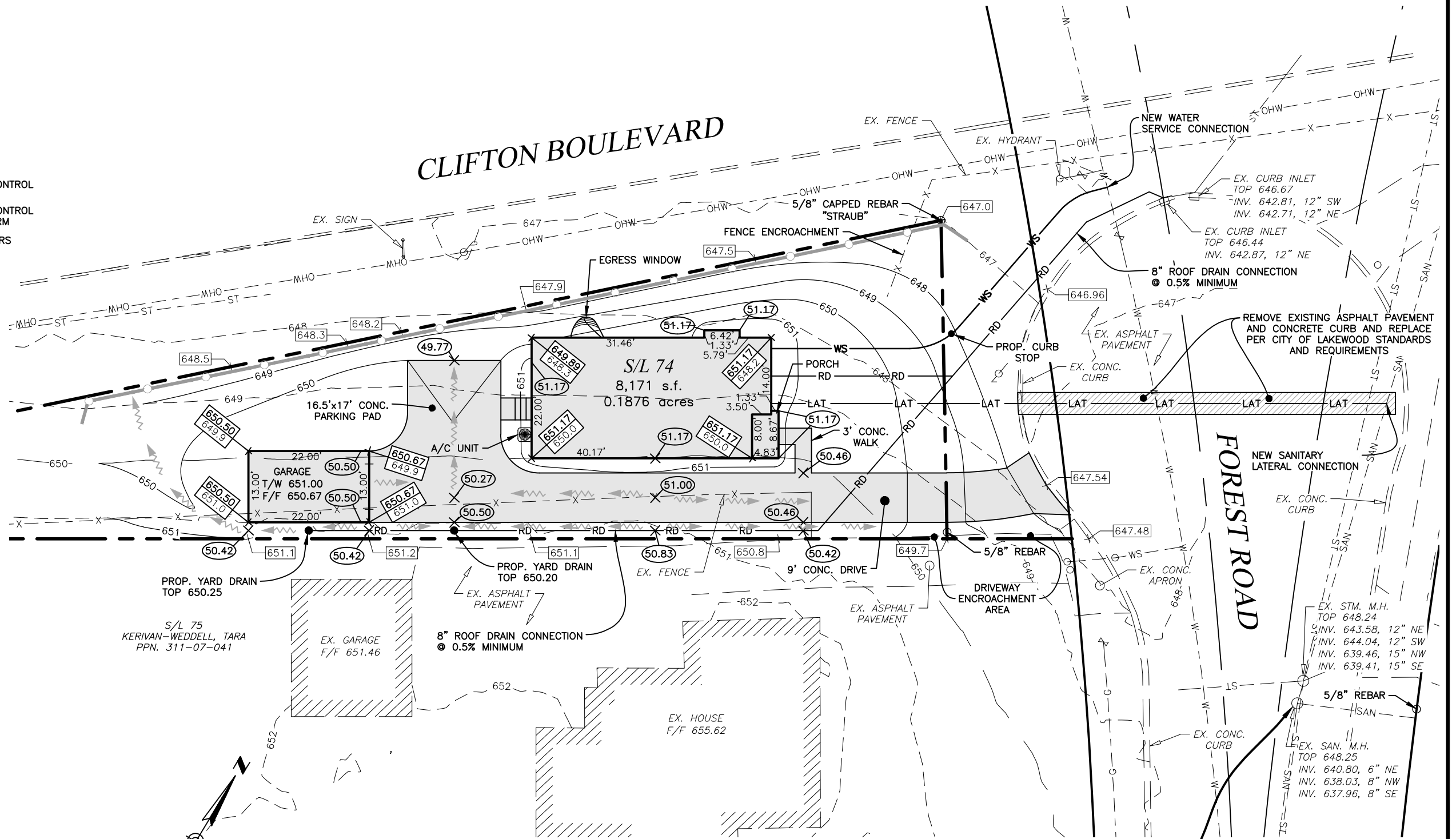
PAGE 1 OF 2
 DATE: 10/24/2025
 DRAWN BY: BAW
 PROJECT No. 58188

LEGEND

- CAPPED REBAR TO BE SET
- COO CURVE DATA
- ⊗ EXISTING FIRE HYDRANT
- ⊗ EXISTING VALVE
- EXISTING MANHOLE
- EXISTING BOX INLET
- EXISTING CURB INLET
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- ST EXISTING STORM SEWER
- RD EXISTING STORM LATERAL
- RD NEW STORM LATERAL
- W EXISTING WATER MAIN
- WS EXISTING WATER SERVICE
- WS NEW WATER SERVICE
- E NEW UTILITY SERVICE



REVISIONS:

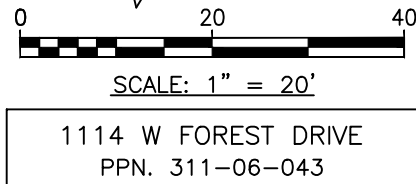


REMOVE EXISTING ASPHALT PAVEMENT AND CONCRETE CURB AND REPLACE PER CITY OF LAKEWOOD STANDARDS AND REQUIREMENTS

NEW SANITARY LATERAL CONNECTION

BUILDER:
 OLD WORLD CUSTOM HOMES, LLC
 7054 MEARS GATE DR. NW
 NORTH CANTON, OHIO 44720
 ANDREW EGGEMAN
 330-494-0228

FINISH FLOOR ELEVATION	653.01
TOP OF WALL ELEVATION (8'-0" WALL)	651.83
GARAGE ELEVATION	650.50
BASEMENT FLOOR ELEVATION	644.17
TOP OF FOOTING ELEVATION	643.83
BOTTOM OF FOOTING ELEVATION	643.17



1114 W FOREST DRIVE
 PPN. 311-06-043

LOT BENCHMARK:
 C.L. RIM OF SANITARY MANHOLE LOCATED AS SHOWN ON PLOT PLAN.
 ELEV. 648.25

PLOT PLAN PREPARED FOR
 OLD WORLD CUSTOM HOMES
 SUBLOT NO. 74 IN THE CLIFTON PARK ALLOTMENT
 202309180243
 SITUATED IN THE CITY OF LAKEWOOD
 COUNTY OF CUYAHOGA, STATE OF OHIO

PREPARED BY:
GBC DESIGN, INC.
 565 White Pond Dr. Akron, OH 44320-1123
 Phone 330-836-0228 www.GBCDesign.com

PAGE 2 OF 2
 DATE: 10/24/2025
 DRAWN BY: BAW
 PROJECT No. 58188

Re: Leon Home || permitting update

From Jason León <jasonl261313@gmail.com>

Date Tue 11/11/2025 1:47 PM

To Lisa Davis <ldavis@myoldworld.com>

Cc Jim Yezbak <jyezbak@myoldworld.com>; Nick Matuch <nmatuch@myoldworld.com>; Mark Barnes <MBarnes@myoldworld.com>; Corey Autry <CAutry@myoldworld.com>; Morgan Hughes <mhughes@myoldworld.com>

Hi Lisa...

To whom it may concern,

Please accept this email as my consent for Old World Custom Homes to submit all necessary applications on my behalf as my representatives, for any and all representatives of the city of Lakewood/the architectural review board/zoning board the necessary access to my property. If you have any questions, feel free to contact me at any time, email or mobile phone number below.

Thank you,

Jason León

JasonL261313@gmail.com

[216-375-7846](tel:216-375-7846)

On Tue, Nov 11, 2025, 1:38 PM Lisa Davis <ldavis@myoldworld.com> wrote:

Hi Jason,

Hope you are doing well! I am working on the submittal to Lakewood ABR. The deadline to submit is 11-19-2025 for the 12-4-2025 meeting. I'd like to have us included on the next agenda assuming everything will go our way in the BZA meeting next week.

Part of the application is a consent letter from you allowing Lakewood to access your property. If you could please respond to this email with formal approval I believe that should be sufficient.

Let me know if you have any questions!



Lisa Davis | Production Manager

[7056 Mears Gate Drive | Canton, OH 44720](https://www.myoldworld.com/7056-Mears-Gate-Drive-Canton-OH-44720)



Style Guide

EVERYTHING YOU NEED TO
KNOW ABOUT YOUR HOME

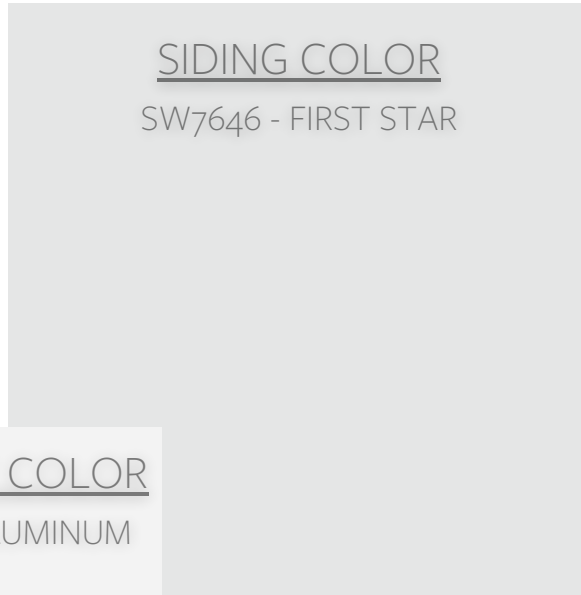
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SIDING

HARDIE SELECT CEDARMILL PLANK



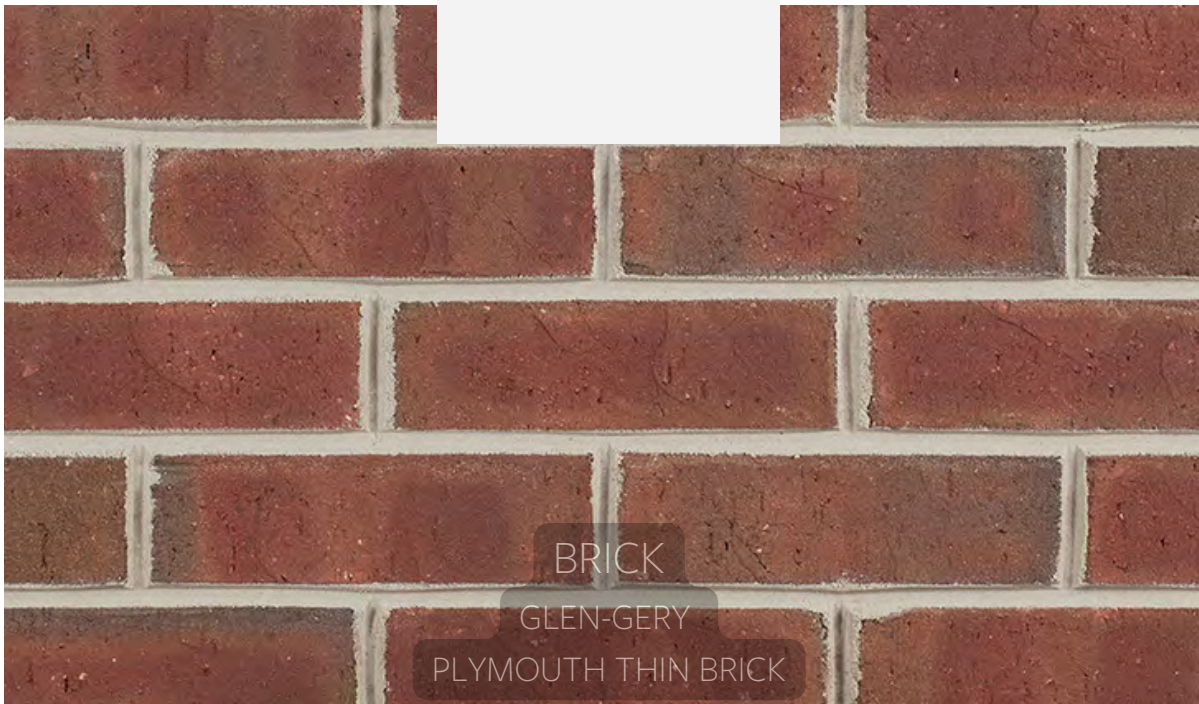
SIDING COLOR

SW7646 - FIRST STAR



ACCENT COLOR

WHITE ALUMINUM



BRICK

GLEN-GERY

PLYMOUTH THIN BRICK



ROOFING

LANDMARK LIFETIME SHINGLES

GRANITE GRAY



GARAGE DOOR

WAYNE-DALTON
RANCH 9100 SERIES

CORBEL

HUNTINGTON STYLE

FRONT DOOR

THERMATRU SMOOTH STAR
STYLE: S210 TRADITIONAL 6 PANEL

WINDOWS

PELLA ENCOMPASS
SINGLE HUNG WHITE VINYL

ACCENT PAINT

SHERWIN WILLIAMS
PURE WHITE

DOOR PAINT

SHERWIN WILLIAMS
TRICORN BLACK



PORCH LIGHT

BRADFORDND OUTDOOR WALL LANTERN

BLACK



HARDWARE

SCHLAGE HANDLESET

CENTURY TRIM - MATTE BLACK



GARAGE LIGHT

ACADEMY OUTDOOR FLYNN

BOWERS SHADE WALL LIGHT

MATTE BLACK





Old World

CUSTOM HOMES

Installation Manual

Installation and Appliance Setup

CAUTION! Risk of Fire! DO NOT store instruction manuals inside fireplace cavity. High temperatures could cause a fire.

INSTALLER: Leave this manual with the appliance, not inside the appliance.

CONSUMER: Retain this manual for future reference. Do not store inside the appliance.

NOTICE: DO NOT discard this manual!

HEAT & GLO

No one builds a better fire

Models:

SL-5-IFT

SL-5LP-IFT

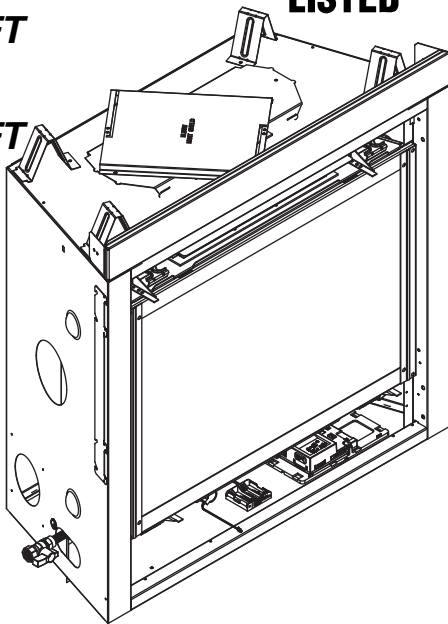
SL-7-IFT

SL-7LP-IFT

SL-9-IFT

SL-9LP-IFT

GAS-FIRED



⚠ WARNING:
FIRE OR EXPLOSION HAZARD
Failure to follow safety warnings exactly could result in serious injury, death, or property damage.

- **DO NOT** store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **What to do if you smell gas**
 - **DO NOT** try to light any appliance.
 - **DO NOT** touch any electrical switch. **DO NOT** use any phone in your building.
 - Leave the building immediately.
 - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
 - If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, service agency, or the gas supplier.

This appliance may be installed as an OEM installation in manufactured home (USA only) or mobile home and must be installed in accordance with the manufacturer's instructions and the *Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280* in the United States, or the *Standard for Installation in Mobile Homes, CAN/CSA Z240 MH Series*, in Canada.

This appliance is only for use with the type(s) of gas indicated on the rating plate. This appliance is not convertible for use with other gases, unless a certified kit is used.

! DANGER



HOT GLASS WILL CAUSE BURNS.

DO NOT TOUCH GLASS UNTIL COOLED.

NEVER ALLOW CHILDREN TO TOUCH GLASS.

A barrier designed to reduce the risk of burns from the hot viewing glass is provided with this appliance and must be installed for the protection of children and other at-risk individuals.

Decorative barrier front must be ordered separately at time of appliance purchase. See Section 3.A.

Pour demander un exemplaire en français de ce manuel d'installation, visitez www.heatnglo.com.

▲ Safety Alert Key:

- **DANGER!** Indicates a hazardous situation which, if not avoided will result in death or serious injury.
- **WARNING!** Indicates a hazardous situation which, if not avoided could result in death or serious injury.
- **CAUTION!** Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
- **NOTICE:** Used to address practices not related to personal injury.

Note: The term “recommend” or “recommended” does not indicate a requirement. It is a best practice suggested by Hearth & Home Technologies®.

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→ = Contains updated information.

Installation Standard Work Checklist

ATTENTION INSTALLER: Follow this Standard Work Checklist

This standard work checklist is to be used by the installer in conjunction with, not instead of, the instructions contained in this installation manual.

Customer: _____	Date Installed: _____
Lot/Address: _____	Location of Fireplace: _____
	Installer: _____
Model (circle one): SL-5-IFT SL-7-IFT SL-9-IFT	Dealer/Distributor Phone # _____
SL-5LP-IFT SL-7LP-IFT SL-9LP-IFT	Serial #: _____

WARNING! Risk of Fire or Explosion! Failure to install appliance according to these instructions could lead to a fire or explosion. Install **ONLY** components and accessories approved by Hearth & Home Technologies. Unapproved components and accessories could cause fireplace to overheat.

<u>Appliance Install</u>	YES	IF NO, WHY?
Verified that the chase is insulated and sealed. (Pg. 19)	<input type="checkbox"/>	_____
Verified clearances to combustibles. (Pg. 17-18)	<input type="checkbox"/>	_____
Fireplace is plum, level, square and secured. (Pg. 46)	<input type="checkbox"/>	_____

<u>Venting/Chimney Section 7 (Pg 47-52)</u>	YES	IF NO, WHY?
Venting configuration complies to vent diagrams.	<input type="checkbox"/>	_____
Venting installed, locked and secured in place with proper clearance. (Need to order separately.)	<input type="checkbox"/>	_____
Firestops installed.	<input type="checkbox"/>	_____
Attic insulation shield installed.	<input type="checkbox"/>	_____
Exterior wall/Roof flashing installed and sealed.	<input type="checkbox"/>	_____
Terminations installed and sealed.	<input type="checkbox"/>	_____

<u>Electrical Section 8 (Pg 53-56)</u>	YES	IF NO, WHY?
Unswitched power (110-120 VAC) provided to the appliance.	<input type="checkbox"/>	_____
Switch wires properly installed.	<input type="checkbox"/>	_____

<u>Gas Section 9 (Pg 57-59)</u>	YES	IF NO, WHY?
Proper appliance for fuel type.	<input type="checkbox"/>	_____
Was a conversion performed?	<input type="checkbox"/>	_____
Leak check performed and inlet pressure verified.	<input type="checkbox"/>	_____
Verified proper air shutter setting for installation type.	<input type="checkbox"/>	_____

<u>Finishing Section 10 (Pg 60-62)</u>	YES	IF NO, WHY?
Combustible materials not installed in non-combustible areas.	<input type="checkbox"/>	_____
Verified all clearances meet installation manual requirements.	<input type="checkbox"/>	_____
Mantels and wall projections comply with installation manual requirements.	<input type="checkbox"/>	_____

<u>Appliance Setup Section 11 (Pg 63-68)</u>	YES	IF NO, WHY?
All packaging and protective materials removed (inside & outside of appliance).	<input type="checkbox"/>	_____
Refractories, logs, media and embers installed correctly.	<input type="checkbox"/>	_____
Glass assembly installed and secured.	<input type="checkbox"/>	_____
Accessories installed properly.	<input type="checkbox"/>	_____
Decorative barrier front properly installed. (Need to order separately.)	<input type="checkbox"/>	_____
Manual bag and all of its contents are removed from inside/under the appliance and given to party responsible for use and operation.	<input type="checkbox"/>	_____
Started appliance and verified no gas leaks exist.	<input type="checkbox"/>	_____

- Hearth & Home Technologies recommends the following:**
- Photographing the installation and copying this checklist for your file.
 - That this checklist remain visible at all times on the appliance until the installation is complete.

Comments: Further description of the issues, who is responsible (Installer/ Builder/ Other Trades, etc) and corrective action needed _____

Comments Communicated to party responsible _____ by _____ on _____
(Builder / Gen. Contractor/) (Installer) (Date)

➔ = Contains updated information. 2632-982B 2/25

1 Product Specific and Important Safety Information

A. Appliance Certification

<p>MODELS: SL-5-IFT, SL-5LP-IFT, SL-7-IFT, SL-7LP-IFT, SL-9-IFT, SL-9LP-IFT</p> <p>LABORATORY: Underwriters Laboratories, Inc. (UL)</p> <p>TYPE: Direct Vent Heater</p> <p>STANDARD: CSA / ANSI Z21.88:19 • CSA 2.33:19</p>

This product is listed to ANSI standards for “Vented Gas Fireplace Heaters” and applicable sections of “Gas Burning Heating Appliances for Manufactured Homes and Recreational Vehicles”, and “Gas Fired Appliances for Use at High Altitudes”. Also Certified for Installation in a Bedroom or a Bedsitting Room.

NOTICE: This installation must conform with local codes. In the absence of local codes you must comply with the National Fuel Gas Code, ANSI Z223.1-latest edition in the U.S.A. and the CAN/CGA B149 Installation Codes in Canada.

<p>NOT INTENDED FOR USE AS A PRIMARY HEAT SOURCE. This appliance is tested and approved as either supplemental room heat or as a decorative appliance. It should not be factored as primary heat in residential heating calculations.</p>
--

B. Glass Specifications

Hearth & Home Technologies appliances manufactured with tempered glass may be installed in hazardous locations such as bathtub enclosures as defined by the Consumer Product Safety Commission (CPSC). The tempered glass has been tested and certified to the requirements of **ANSI Z97.1** and **CPSC 16 CFR 1202** (Safety Glazing Certification Council **SGCC# 1595** and **1597**. Architectural Testing, Inc. Reports **02-31919.01** and **02-31917.01**).

This statement is in compliance with **CPSC 16 CFR Section 1201.5** “Certification and labeling requirements” which refers to **15 U.S. Code (USC) 2063** stating “...Such certificate shall accompany the product or shall otherwise be furnished to any distributor or retailer to whom the product is delivered.”

Some local building codes require the use of tempered glass with permanent marking in such locations. Glass meeting this requirement is available from the factory. Please contact your dealer or distributor to order.

C. BTU Specifications

Models (U.S. or Canada)		Maximum Input BTU/h	Minimum Input BTU/h	Orifice Size (DMS)
SL-5-IFT (NG)	(0-2000 ft)	21,000	11,250	#44
SL-5LP-IFT (Propane)	(0-2000 ft)	18,500	10,000	#55
SL-7-IFT (NG)	(0-2000 ft)	25,000	13,000	#42
SL-7LP-IFT (Propane)	(0-2000 ft)	23,500	11,500	#54
SL-9-IFT (NG)	(0-2000 ft)	30,000	15,500	#38
SL-9LP-IFT (Propane)	(0-2000 ft)	30,000	14,500	#52

D. High Altitude Installations

NOTICE: If the heating value of the gas has been reduced, these rules do not apply. Check with your local gas utility or authorities having jurisdiction.

When installing above 2000 feet elevation:

- In the USA: Reduce input rate 4% for each 1000 feet above 2000 feet.
- In CANADA: Input ratings are certified without a reduction of input rate for elevations up to 4500 feet (1370 m) above sea level. Please consult provincial and/or local authorities having jurisdiction for installations at elevations above 4500 feet (1370 m).

Check with your local gas utility to determine proper orifice size.

E. Non-Combustible Materials Specification

Material which will not ignite and burn. Such materials are those consisting entirely of steel, iron, brick, tile, concrete, slate, glass or plasters, or any combination thereof.

Materials that are reported as passing **ASTM E 136, Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750 °C** shall be considered non-combustible materials.

F. Combustible Materials Specification

Materials made of or surfaced with wood, compressed paper, plant fibers, plastics, or other material that can ignite and burn, whether flame proofed or not, or plastered or unplastered shall be considered combustible materials.

G. Electrical Codes

NOTICE: *This appliance must be electrically wired and grounded in accordance with local codes or, in the absence of local codes, with **National Electric Code ANSI/NFPA 70-latest edition** or the **Canadian Electric Code CSA C22.1**.*

- A 110-120 VAC circuit for this product must be protected with ground-fault circuit interrupter protection, in compliance with the applicable electrical codes, when it is installed in locations such as in bathrooms or near sinks.

H. California



WARNING: This product and the fuels used to operate this product (liquid propane or natural gas), and the products of combustion of such fuels, can expose you to chemicals including benzene, which is known to the State of California to cause cancer and reproductive harm. For more information go to: www.P65Warnings.ca.gov.

Note: The following requirements reference various Massachusetts and national codes not contained in this document.

I. Requirements for the Commonwealth of Massachusetts

For all side wall horizontally vented gas fueled equipment installed in every dwelling, building or structure used in whole or in part for residential purposes, including those owned or operated by the Commonwealth and where the side wall exhaust vent termination is less than seven (7) feet above finished grade in the area of the venting, including but not limited to decks and porches, the following requirements shall be satisfied:

Installation of Carbon Monoxide Detectors

At the time of installation of the side wall horizontal vented gas fueled equipment, the installing plumber or gas fitter shall observe that a hard wired carbon monoxide detector with an alarm and battery back-up is installed on the floor level where the gas equipment is to be installed. In addition, the installing plumber or gas fitter shall observe that a battery operated or hard wired carbon monoxide detector with an alarm is installed on each additional level of the dwelling, building or structure served by the side wall horizontal vented gas fueled equipment. It shall be the responsibility of the property owner to secure the services of qualified licensed professionals for the installation of hard wired carbon monoxide detectors.

In the event that the side wall horizontally vented gas fueled equipment is installed in a crawl space or an attic, the hard wired carbon monoxide detector with alarm and battery back-up may be installed on the next adjacent floor level.

In the event that the requirements of this subdivision can not be met at the time of completion of installation, the owner shall have a period of thirty (30) days to comply with the above requirements; provided, however, that during said thirty (30) day period, a battery operated carbon monoxide detector with an alarm shall be installed.

Approved Carbon Monoxide Detectors

Each carbon monoxide detector as required in accordance with the above provisions shall comply with NFPA 720 and be ANSI/UL 2034 listed and IAS certified.

Signage

A metal or plastic identification plate shall be permanently mounted to the exterior of the building at a minimum height of eight (8) feet above grade directly in line with the exhaust vent terminal for the horizontally vented gas fueled heating appliance or equipment. The sign shall read, in print size no less than one-half (1/2) in. in size, "**GAS VENT DIRECTLY BELOW. KEEP CLEAR OF ALL OBSTRUCTIONS**".

Inspection

The state or local gas inspector of the side wall horizontally vented gas fueled equipment shall not approve the installation unless, upon inspection, the inspector observes carbon monoxide detectors and signage installed in accordance with the provisions of 248 CMR 5.08(2)(a)1 through 4.

Exemptions

The following equipment is exempt from 248 CMR 5.08(2)(a)1 through 4:

- The equipment listed in Chapter 10 entitled "Equipment Not Required To Be Vented" in the most current edition of NFPA 54 as adopted by the Board; and
- Product Approved side wall horizontally vented gas fueled equipment installed in a room or structure separate from the dwelling, building or structure used in whole or in part for residential purposes.

MANUFACTURER REQUIREMENTS

Gas Equipment Venting System Provided

When the manufacturer of Product Approved side wall horizontally vented gas equipment provides a venting system design or venting system components with the equipment, the instructions provided by the manufacturer for installation of the equipment and the venting system shall include:

- Detailed instructions for the installation of the venting system design or the venting system components; and
- A complete parts list for the venting system design or venting system.

Gas Equipment Venting System NOT Provided

When the manufacturer of a Product Approved side wall horizontally vented gas fueled equipment does not provide the parts for venting the flue gases, but identifies "special venting systems", the following requirements shall be satisfied by the manufacturer:

- The referenced "special venting system" instructions shall be included with the appliance or equipment installation instructions; and
- The "special venting systems" shall be Product Approved by the Board, and the instructions for that system shall include a parts list and detailed installation instructions.

A copy of all installation instructions for all Product Approved side wall horizontally vented gas fueled equipment, all venting instructions, all parts lists for venting instructions, and/or all venting design instructions shall remain with the appliance or equipment at the completion of the installation.

See Gas Connection section for additional Commonwealth of Massachusetts requirements.

2 Getting Started

A. Design and Installation Considerations

WARNING! Risk of Fire or Explosion! Read all instructions before starting the installation.

Heat & Glo direct vent gas appliances are designed to operate with all combustion air siphoned from outside of the building and all exhaust gases expelled to the outside. No additional outside air source is required.

Installation MUST comply with local, regional, state and national codes and regulations. Consult insurance carrier, local building inspector, fire officials or authorities having jurisdiction over restrictions, installation inspection and permits.

Before installing, determine the following:

- Where the appliance is to be installed.
- The vent system configuration to be used.
- Gas supply piping requirements.
- Provisions for optional heat management system.
- Electrical wiring requirements.
- Framing and finishing details.
- Whether optional accessories—devices such as a fan, wall switch, or remote control—are desired.

Installation and service of this appliance should be performed by qualified personnel. Hearth & Home Technologies recommends HHT Factory Trained or NFI certified professionals.



Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. For assistance or additional information, consult a qualified service technician, service agency or your dealer.

B. Good Faith Wall Surface

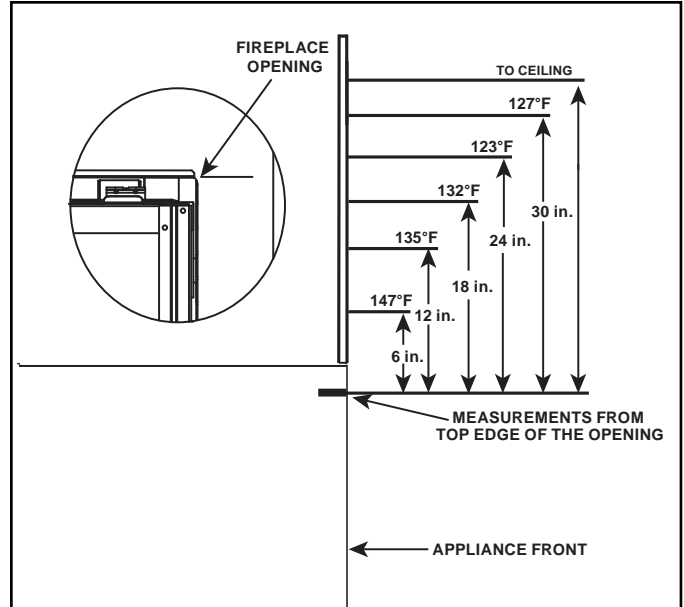


Figure 2.1 Good Faith Wall Surface Temperatures Above Appliance

NOTICE: Surface temperatures listed above are taken with a temperature measuring probe as prescribed by the test standard used for appliance certification. Temperatures on walls or mantels taken with an infrared thermometer may yield increased temperatures of up to 30 °F (17 °C) or more depending on the thermometer settings and material characteristics being measured. Use appropriate finishing materials that are able to withstand these conditions. For additional finishing guidelines, see Section 10.

C. Tools and Supplies Needed

Before beginning the installation be sure that the following tools and building supplies are available.

- | | |
|---|-----------------------------------|
| Hand Tools | Tape measure |
| Level | Framing material |
| Manometer | Framing square |
| Voltmeter | Electric drill and bits (1/4 in.) |
| Plumb line | Safety glasses/Gloves |
| Wrenches | Reciprocating saw |
| 1/4 in. nut driver | |
| Non-corrosive leak check solution | |
| 1/2 - 3/4 in. length, #6 or #8 Self-drilling screws | |
| Caulking material (300 °F minimum continuous exposure rating) | |

D. Inspect Appliance and Components

WARNING! Risk of Fire or Explosion! Damaged parts could impair safe operation. **DO NOT** install damaged, incomplete or substitute components. Keep appliance dry.

WARNING! Risk of Fire, Explosion or Electric Shock! **DO NOT** use this appliance if any part has been under water. Call a qualified service technician to inspect the appliance and to replace any part of the control system and/or gas control which has been under water.

- Carefully remove the appliance and components from the packaging.
- The vent system components and decorative barrier fronts may be shipped in separate packages.
- If packaged separately, the log set and appliance grate must be installed.
- Report to your dealer any parts damaged in shipment.

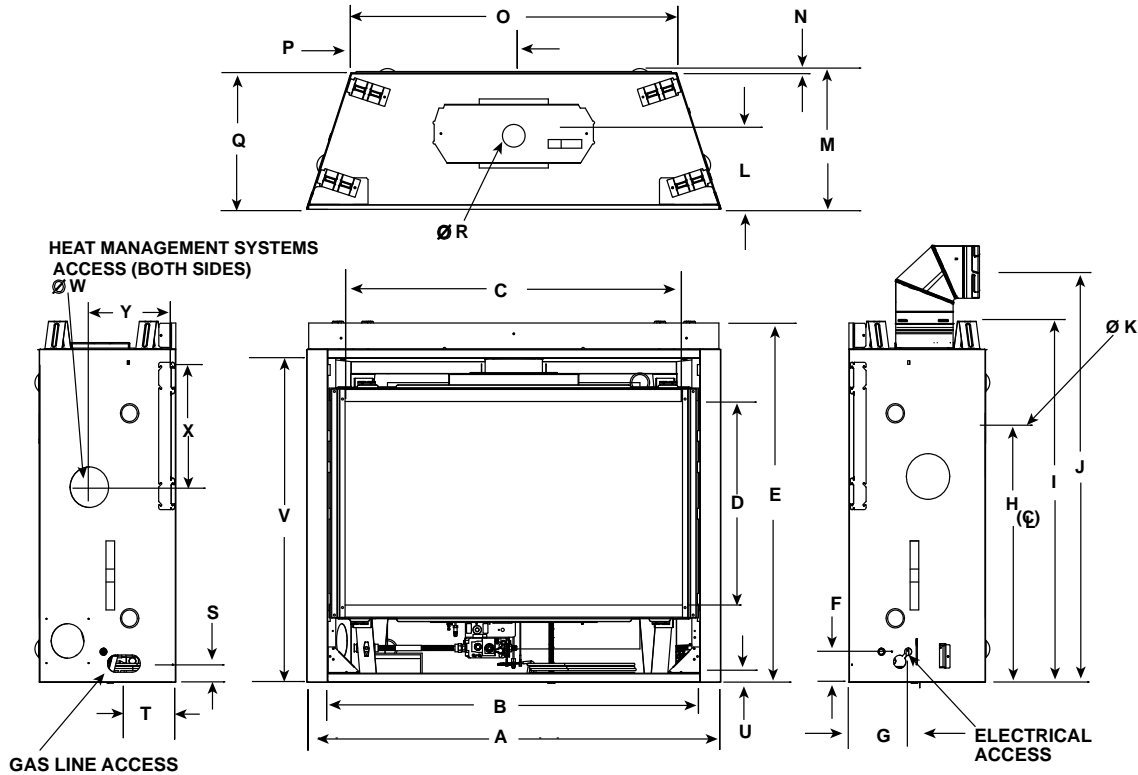
Hearth & Home Technologies disclaims any responsibility for, and the warranty will be voided by, the following actions:

- Installation and use of any damaged appliance or vent system component.
- Modification of the appliance or vent system.
- Installation other than as instructed by Hearth & Home Technologies.
- Improper positioning of the logs/media (as applicable) or the glass assembly.
- Installation and/or use of any component part not approved by Hearth & Home Technologies.

3 Framing and Clearances

A. Appliance/Decorative Barrier Front Dimension Diagrams

Dimensions are actual appliance dimensions. Use for reference only. For framing dimensions and clearances refer to Section 5.



Appliance Dimensions Table

Location	SL-5-IFT		SL-7-IFT		SL-9-IFT	
	Inches	Millimeters	Inches	Millimeters	Inches	Millimeters
A	36	914	41	1041	48	1219
B	31-1/8	791	36-1/8	918	43	1092
C	27-3/16	691	32-1/16	814	39-1/16	992
D	18-1/16	459	21-1/2	546	23-9/16	599
E	34-1/16	865	37-5/8	956	39-9/16	1005
F	3-9/16	90	3-9/16	90	3-9/16	90
G	6-7/8	175	6-7/8	175	6-7/8	175
H	23-3/8	594	26-7/8	683	28-7/8	733
I	34-3/8	873	37-7/8	962	39-7/8	1013
J	36-7/16	926	39-15/16	1014	41-15/16	1065
K	8	203	8	203	8	203
L	8-13/16	224	8-13/16	224	8-13/16	224
M	16-5/16	414	16-5/16	414	16-5/16	414
N	1/2	13	1/2	13	1/2	13
O	25-3/4	654	30-3/4	781	37-3/4	959
P	12-7/8	327	15-3/8	391	18-7/8	479
Q	15-7/8	403	15-7/8	403	15-7/8	403
R	6-5/8	168	6-5/8	168	6-5/8	168
S	2-3/16	56	2-3/16	56	2-3/16	56
T	6	152	6	152	6	152
U	1	25	1	25	1	25
V	30-1/16	764	33-9/16	853	35-9/16	903
W	5	127	5	127	5	127
X	14	356	14	356	14	356
Y	9-1/8	232	9-1/8	232	9-1/8	232

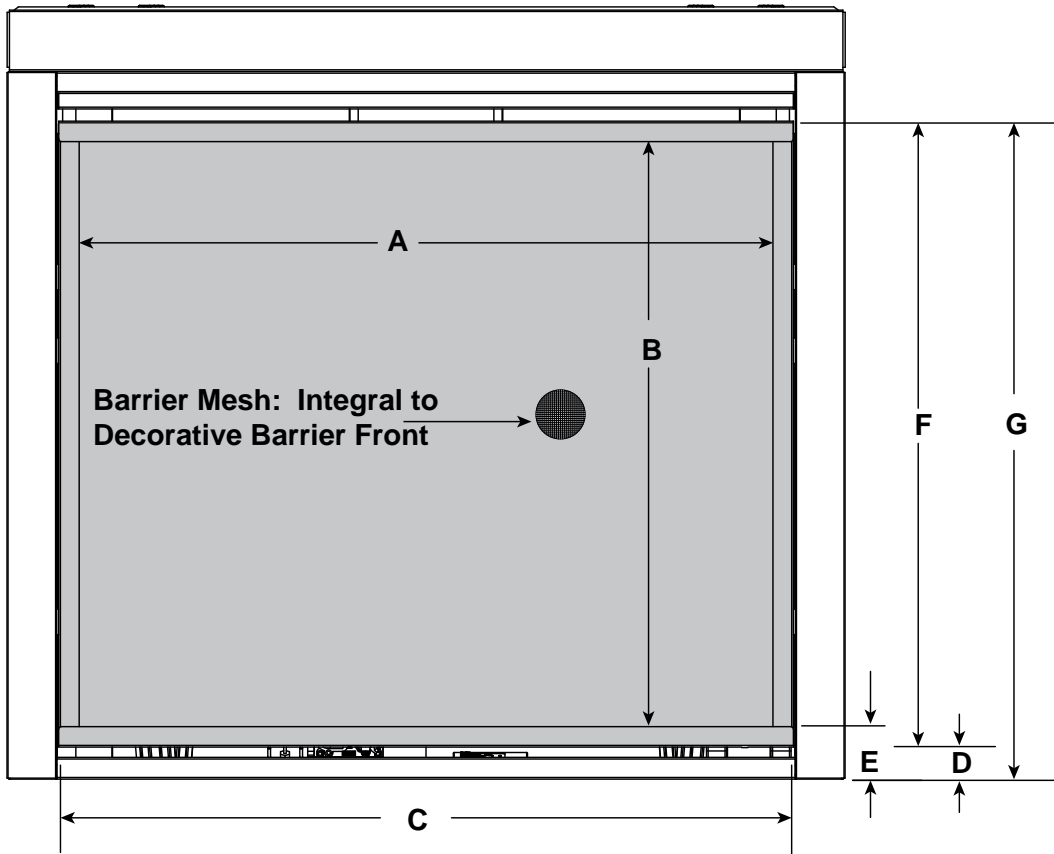
Figure 3.1 Appliance Dimensions

FIRESCREEN DECORATIVE BARRIER FRONT

IMPORTANT! This fireplace requires an installed decorative barrier front to prevent direct contact with the hot viewing glass. **DO NOT** operate the fireplace with the barrier removed.

Decorative barrier front must be ordered at time of fireplace purchase. If decorative barrier front is not present, contact dealer.

Note: See Section 10 for hearth, mantel and finishing requirements.



			A	B	C	D	E	F	G
SL-5-IFT	FS-5	in.	28-7/8	25-1/8	31	1-5/8	2-5/8	27-1/8	28-3/4
		mm	733	638	787	41	67	689	730
SL-7-IFT	FS-7	in.	34	28-3/4	35-15/16	1-5/8	2-5/8	30-5/8	32-1/4
		mm	864	730	913	41	67	778	819
SL-9-IFT	FS-9	in.	40-7/8	30-5/8	43	1-5/8	2-5/8	32-5/8	34-1/4
		mm	1038	778	1092	41	67	829	870

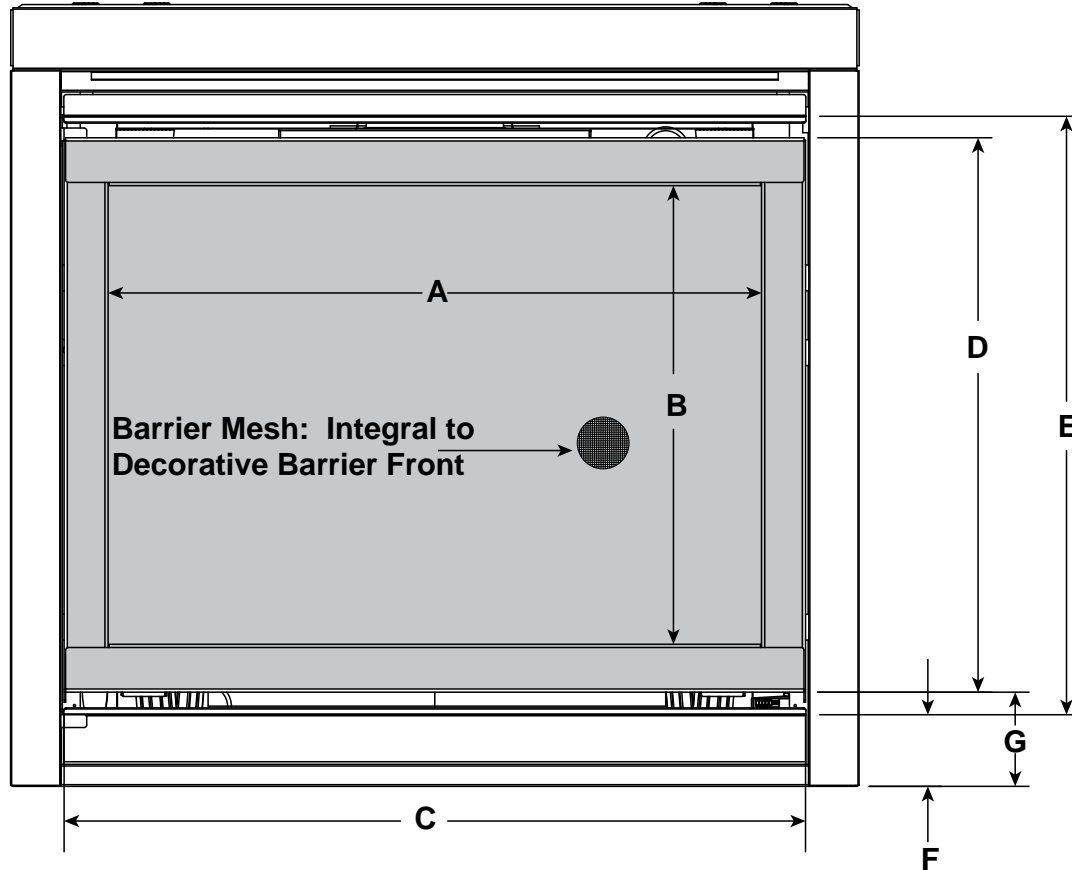
Figure 3.2 Decorative Barrier Front Dimensions - Firescreen

CLEAN FACE DECORATIVE BARRIER KIT

IMPORTANT! This fireplace requires an installed decorative barrier front to prevent direct contact with the hot viewing glass. **DO NOT** operate the fireplace with the barrier removed.

Decorative barrier front must be ordered at time of fireplace purchase. If decorative barrier front is not present, contact dealer.

Note: See Section 10 for hearth, mantel and finishing requirements.



			A	B	C	D	E	F	G
SL-5-IFT	CF-32	in.	26-9/16	18-11/16	30-13/16	23-5/16	25-7/16	3-1/2	4-9/16
		mm	675	475	783	592	646	89	116
SL-7-IFT	CF-36	in.	31-1/2	22-3/16	35-13/16	26-13/16	28-15/16	3-1/2	4-9/16
		mm	800	564	910	681	735	89	116
SL-9-IFT	CF-42	in.	38-1/2	24-1/16	42-3/4	28-11/16	30-13/16	3-1/2	4-9/16
		mm	978	611	1086	729	783	89	116

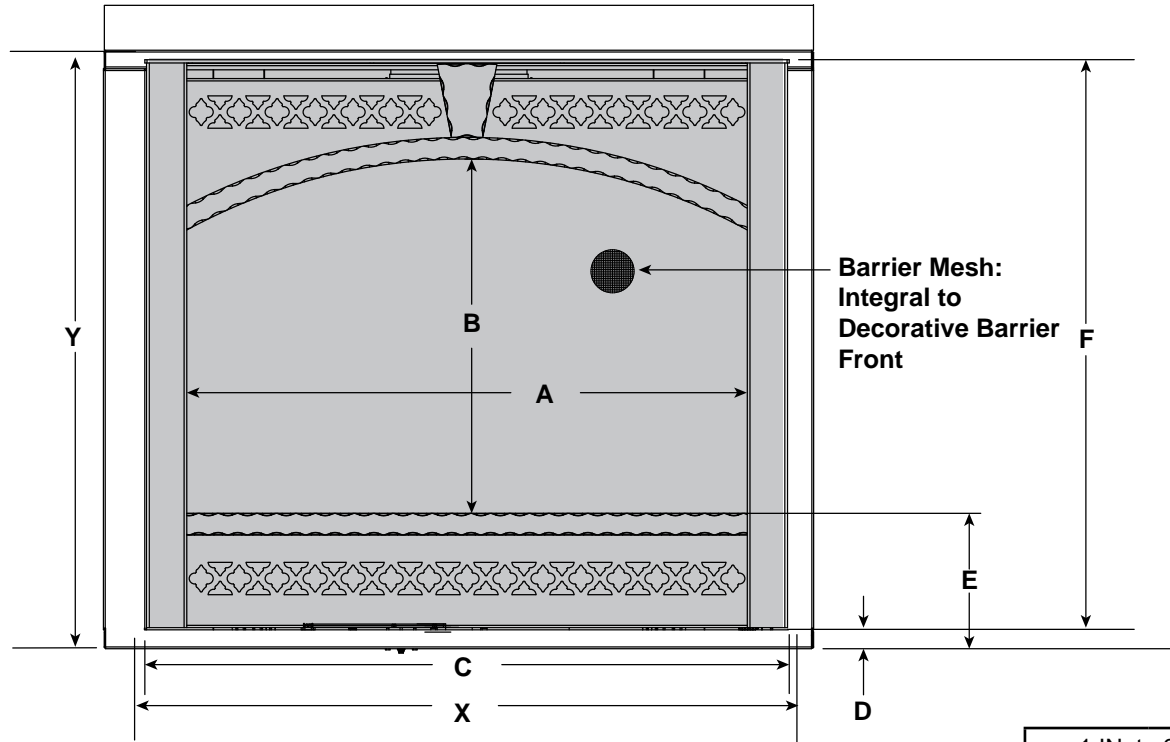
Figure 3.3 Dimensions - Clean Face Kit

CHATEAU DECORATIVE BARRIER FRONT

IMPORTANT! This fireplace requires an installed decorative barrier front to prevent direct contact with the hot viewing glass. **DO NOT** operate the fireplace with the barrier removed.

Decorative barrier front must be ordered at time of fireplace purchase. If decorative barrier front is not present, contact dealer.

Note: See Section 10 for hearth, mantel and finishing requirements.



1 IN. to 6 IN.
Overlap Fit
Finishing-Refer to
Figure 10.12

			A	B	C	D	E	F		
SL-5-IFT	CHA-32	in.	27-7/16	18-1/8	32-1/16	1-1/8	5-13/16	29-3/8	X	Y
		mm	697	460	814	29	148	746		
SL-7-IFT	CHA-36	in.	32-7/16	20-1/2	37-3/16	1-1/8	7-7/8	32-7/8	X	Y
		mm	824	521	945	29	200	835		
SL-9-IFT	CHA-42	in.	39-7/16	22-7/16	44-3/16	1-1/8	7-7/16	34-3/4	X	Y
		mm	1002	570	1122	29	189	883		

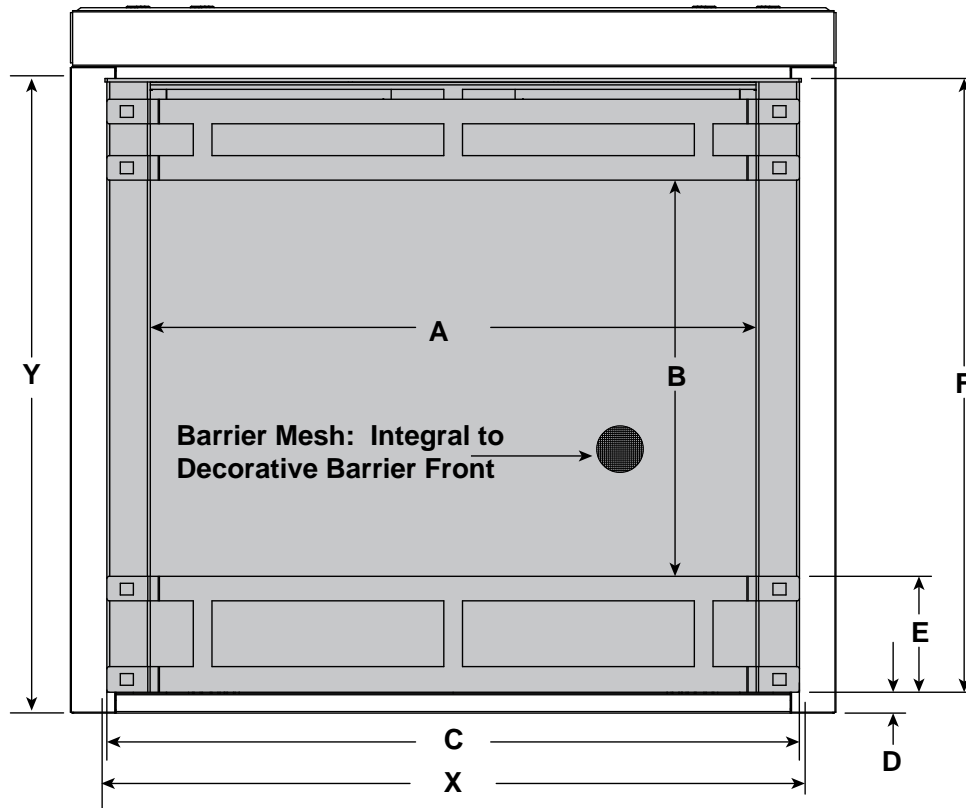
Figure 3.4 Decorative Barrier Front Dimensions - Chateau

HALSTON DECORATIVE BARRIER FRONT

IMPORTANT! This fireplace requires an installed decorative barrier front to prevent direct contact with the hot viewing glass. **DO NOT** operate the fireplace with the barrier removed.

Decorative barrier front must be ordered at time of fireplace purchase. If decorative barrier front is not present, contact dealer.

Note: See Section 10 for hearth, mantel and finishing requirements.



1 IN. to 6 IN. Overlap Fit Finishing-Refer to Figure 10.12	
X	Y
32-3/4	30-13/16
832	783
37-3/8	34-3/8
949	873
44-3/8	36-3/8
1127	924

			A	B	C	D	E	F		
SL-5-IFT	HAL-32	in.	27-7/16	18-1/8	32-1/16	1-1/8	5-13/16	29-3/8		
		mm	697	460	814	29	148	746		
SL-7-IFT	HAL-36	in.	32-7/16	21-1/4	37-3/16	1-1/8	6-1/4	32-7/8		
		mm	824	540	945	29	159	835		
SL-9-IFT	HAL-42	in.	39-7/16	23-1/8	44-3/16	1-1/8	6-1/4	34-3/4		
		mm	1002	587	1122	29	159	883		

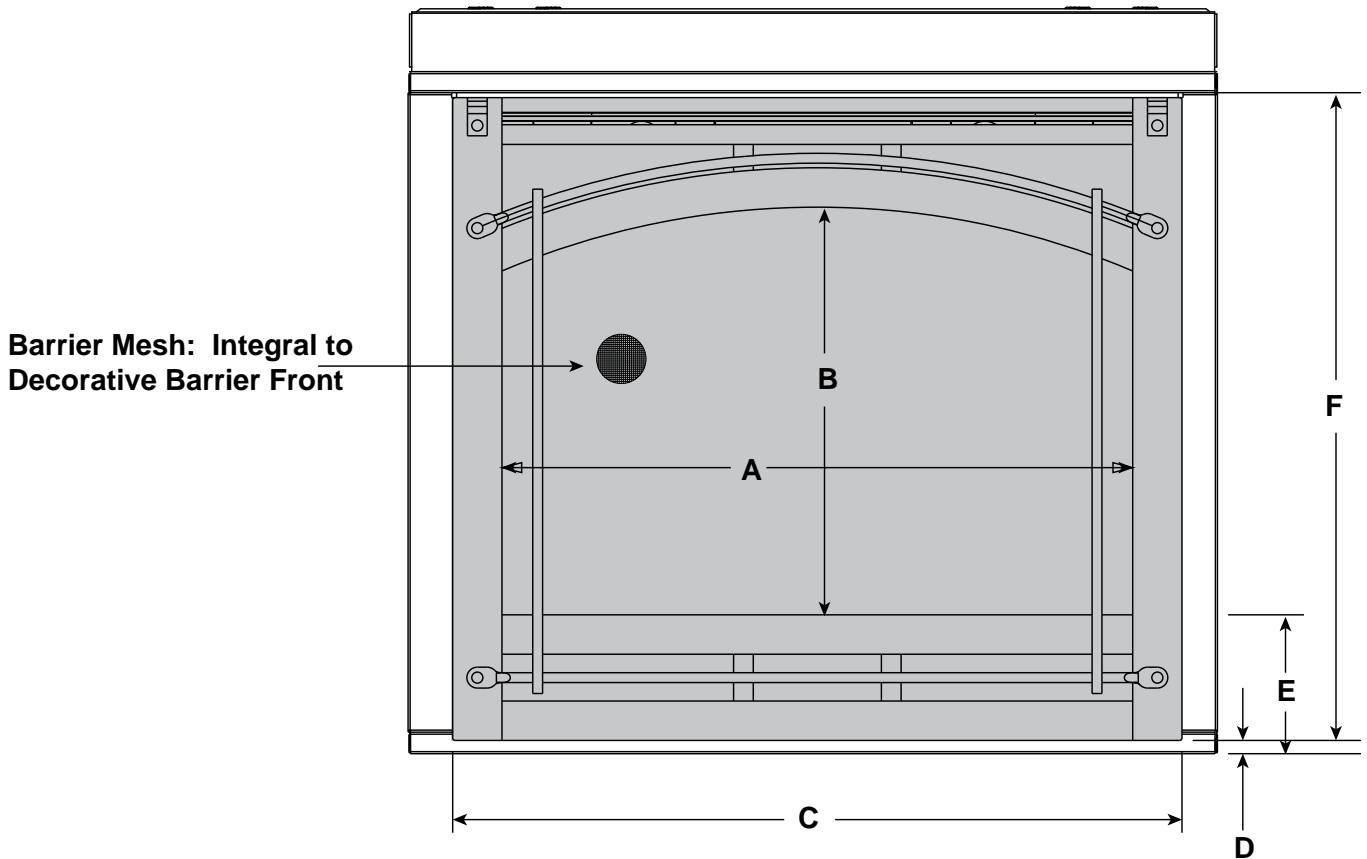
Figure 3.5 Decorative Barrier Front Dimensions - Halston

CHATEAU FORGE DECORATIVE BARRIER FRONT

IMPORTANT! This fireplace requires an installed decorative barrier front to prevent direct contact with the hot viewing glass. **DO NOT** operate the fireplace with the barrier removed.

Decorative barrier front must be ordered at time of fireplace purchase. If decorative barrier front is not present, contact dealer.

Note: See Section 10 for hearth, mantel and finishing requirements.



1 IN. to 6 IN.
Overlap Fit
Finishing-Refer to
Figure 10.12

		A	B	C	D	E	F	X	Y	
SL-5-IFT	CHAF-32	in.	27-1/8	17-1/8	32-5/16	1-1/8	7-1/2	29-7/16	32-3/4	30-13/16
		mm	689	435	821	29	191	748	832	783
SL-7-IFT	CHAF-36	in.	32	20-3/4	37-1/8	1-3/16	7-9/16	32-7/8	37-3/8	34-3/8
		mm	813	527	943	30	192	835	949	873
SL-9-IFT	CHAF-42	in.	39	22-5/8	44-3/16	1-1/8	7-5/8	34-3/4	44-3/8	36-3/8
		mm	991	575	1122	29	194	883	1127	924

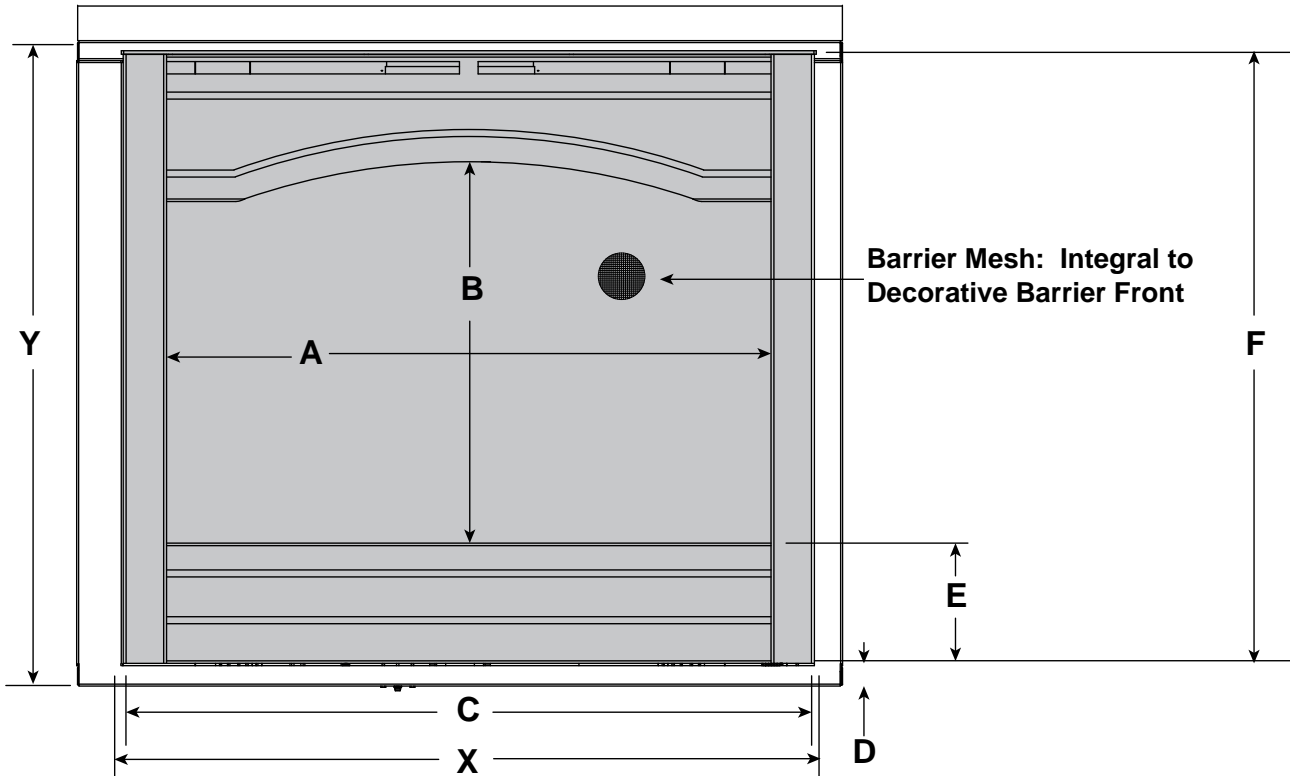
Figure 3.6 Decorative Barrier Front Dimensions - Chateau Forge

ARCADIA DECORATIVE BARRIER FRONT

IMPORTANT! This fireplace requires an installed decorative barrier front to prevent direct contact with the hot viewing glass. **DO NOT** operate the fireplace with the barrier removed.

Decorative barrier front must be ordered at time of fireplace purchase. If decorative barrier front is not present, contact dealer.

Note: See Section 10 for hearth, mantel and finishing requirements.



1 IN. to 6 IN. Overlap
Fit Finishing-Refer to
Figure 10.12

			A	B	C	D	E	F		X	Y
SL-5-IFT	ARC-32	in.	27-7/16	16-7/8	32-1/4	1-1/8	6-1/2	29-3/8		32-3/4	30-13/16
SL-5LP-IFT		mm	697	429	819	29	165	746		832	783
SL-7-IFT	ARC-36	in.	32-7/16	20-1/2	37-3/16	1-1/4	7-11/16	32-7/8		37-3/8	34-3/8
SL-7LP-IFT		mm	824	521	945	32	195	835		949	873
SL-9-IFT	ARC-42	in.	39-7/16	22-7/16	44-3/16	1-1/4	7-7/16	34-3/4		44-3/8	36-3/8
SL-9LP-IFT		mm	1002	570	1122	32	189	883		1127	924

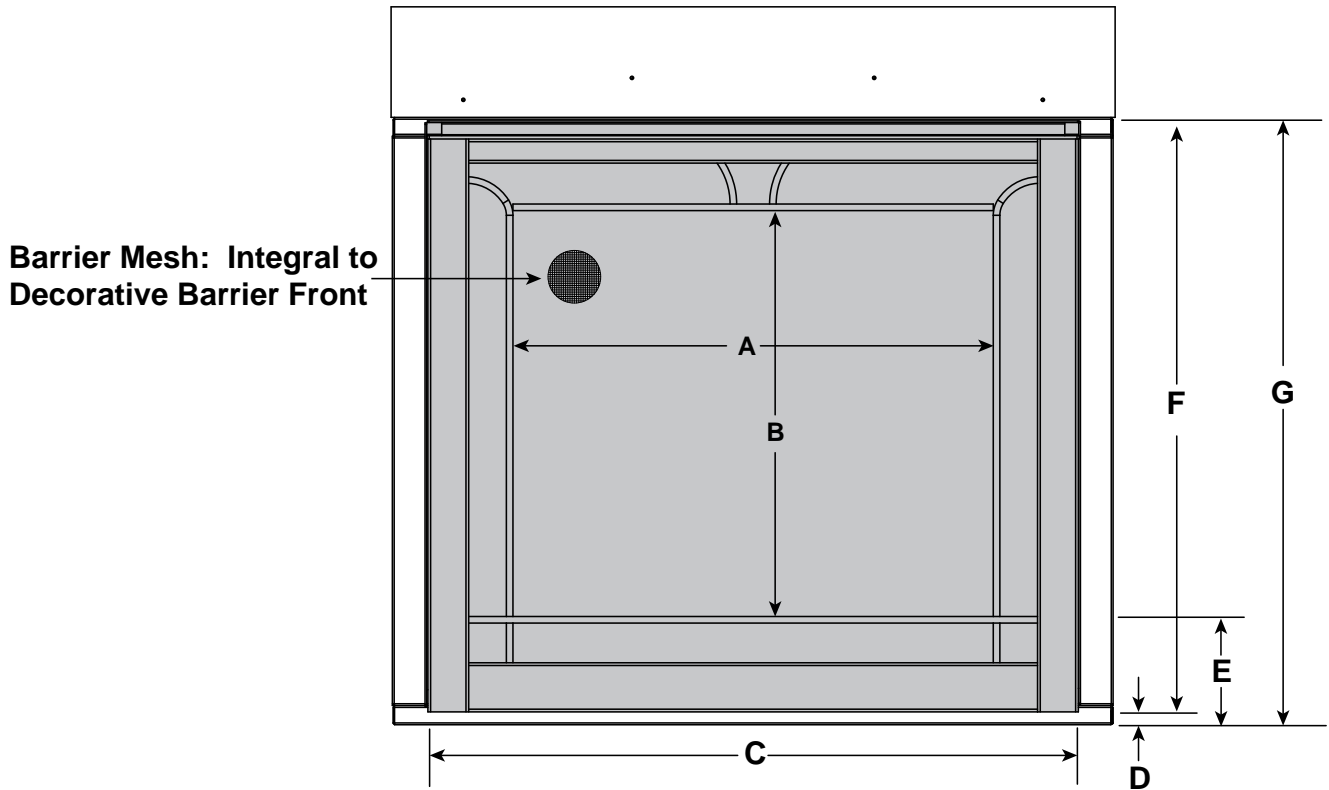
Figure 3.7 Decorative Barrier Front Dimensions - Arcadia

IRON AGE DECORATIVE BARRIER FRONT

IMPORTANT! This fireplace requires an installed decorative barrier front to prevent direct contact with the hot viewing glass. **DO NOT** operate the fireplace with the barrier removed.

Decorative barrier front must be ordered at time of fireplace purchase. If decorative barrier front is not present, contact dealer.

Note: See Section 10 for hearth, mantel and finishing requirements.



1 in. to 6 in. Overlap
Fit Finishing-Refer to
Figure 10.12

			A	B	C	D	E	F	G	X	Y
SL-7-IFT	FSI-36	in.	27-3/8	23-1/8	37-3/16	1-1/4	6-3/4	32-7/8	34-1/8	37-3/8	34-3/8
		mm	695	587	945	32	172	835	867	949	873
SL-9-IFT	FSI-42	in.	34-3/8	25-3/16	44-3/16	1-1/4	6-3/4	34-13/16	36-1/16	44-3/8	36-3/8
		mm	873	640	1122	32	172	884	916	1127	924

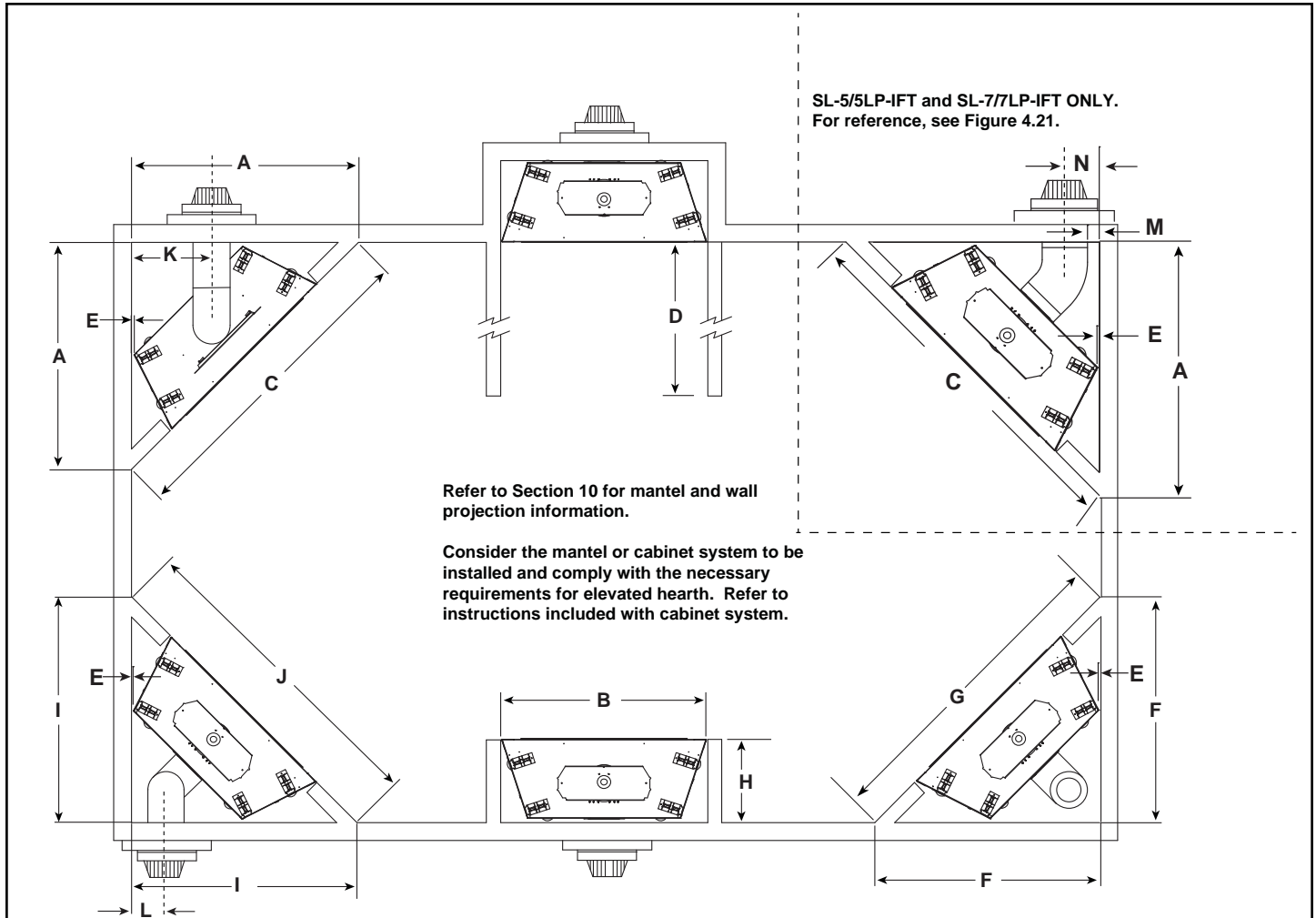
Figure 3.8 Decorative Barrier Front Dimensions - Iron Age

B. Appliance Location and Clearances to Combustibles

When selecting a location for the appliance it is important to consider the required clearances to walls and allow sufficient clearance for heat management systems venting. See Figure 3.9 and Figure 3.10.

WARNING! Risk of Fire or Burns! Provide adequate clearance around air openings and for service access. Due to high temperatures, the appliance should be located out of traffic and away from furniture and draperies.

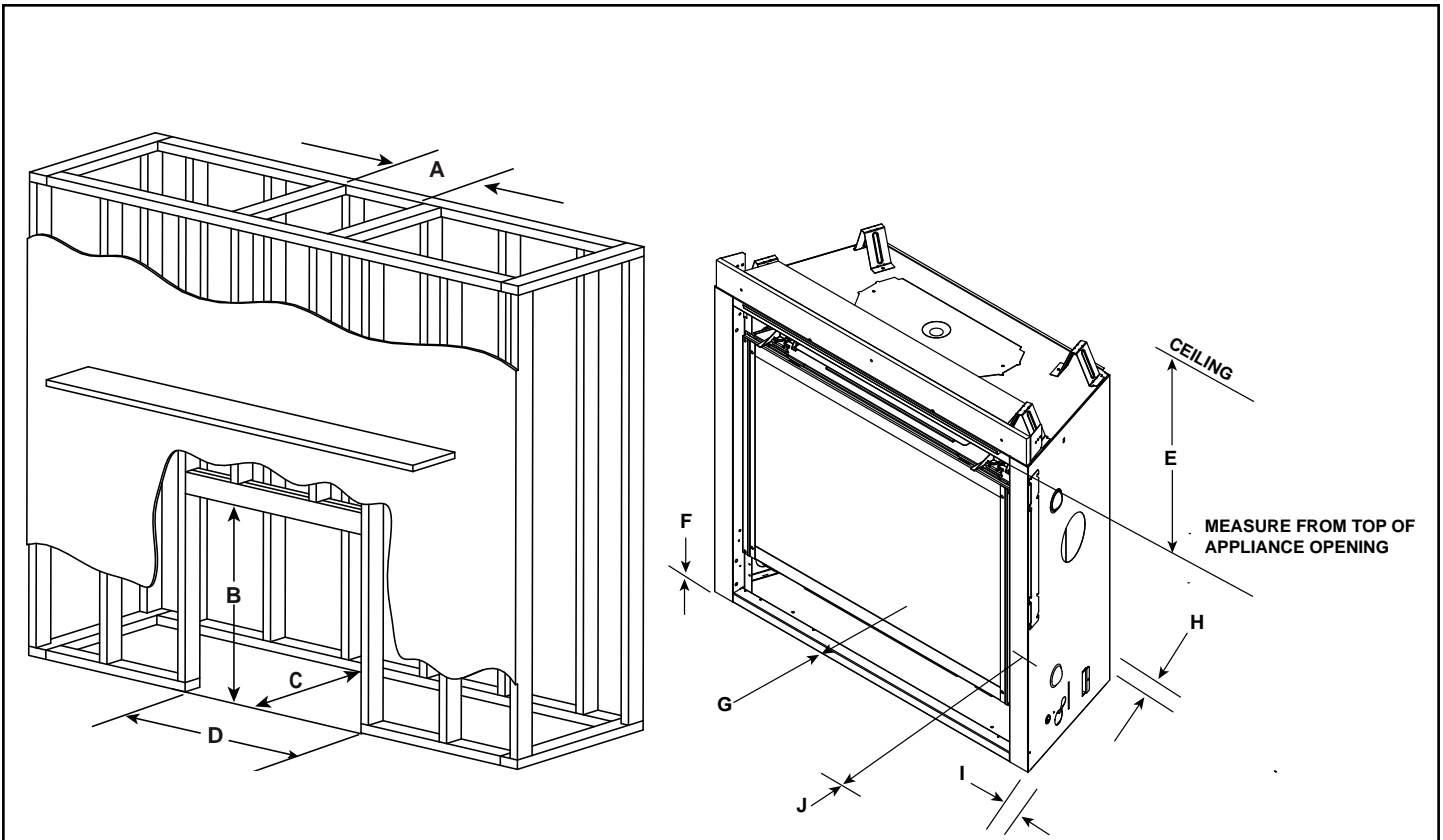
NOTICE: Illustrations reflect typical installations and are FOR DESIGN PURPOSES ONLY. Illustrations/diagrams are not drawn to scale. Actual installation may vary due to individual design preference.



Models		A	B	C	D	E Min.	F	G	H	I	J	K	L	M	N
SL-5-IFT SL-5LP-IFT	in.	42	37	59-1/2	See Section 10 for Mantel Projections	1/2	44	62-1/4	16-1/4	48-1/2	68-3/4	15-1/16	7-1/2	1	7-1/8
	mm	1067	940	1511		13	1118	1581	413	1232	1746	383	191	25	181
SL-7-IFT SL-7LP-IFT	in.	45-1/2	42	64-3/8		1/2	45-1/2	64-3/8	16-1/4	48-1/2	68-3/4	16-5/8	7-1/2	1	9
	mm	1156	1067	1635		13	1156	1635	413	1232	1746	422	191	25	229
SL-9-IFT SL-9LP-IFT	in.	50-1/2	49	71-1/2		1/2	50-1/2	71-1/2	16-1/4	50-1/2	71-1/2	19-1/2	9-1/4	N/A	N/A
	mm	1283	1245	1816		13	1283	1816	413	1283	1816	495	235	N/A	N/A

Note: Heat Management Kits require framing dimension adjustments.

Figure 3.9 Appliance Locations



* MINIMUM FRAMING DIMENSIONS													
Models		A		B	C		D	E	F	G	H	I	J
		DVP Pipe	SLP Pipe	Rough Opening (Height)	**DVP Pipe	SLP Pipe	Rough Opening (Width)	Clearance to Room Ceiling	***Combustible Floor	****Minimum Hearth Required	Behind Appliance	Sides of Appliance	Front of Appliance
		Rough Opening (Width)	Rough Opening (Width)		Rough Opening (Depth)	Rough Opening (Depth)							
SL-5-IFT	in.	10	8-5/8	34-3/4	16-1/4	16-1/4	37	32	0	0	1/2	1/2	36
	mm	254	219	882	413	413	940	813	0	0	13	13	914
SL-7-IFT	in.	10	8-5/8	38-1/4	16-1/4	16-1/4	42	32	0	0	1/2	1/2	36
	mm	254	219	972	413	413	1067	813	0	0	13	13	914
SL-9-IFT	in.	10	8-5/8	40-1/4	16-1/4	16-1/4	49	32	0	0	1/2	1/2	36
	mm	254	219	1022	413	413	1245	813	0	0	13	13	914

* Adjust framing dimensions for interior sheathing (such as sheetrock)

** Add 12 inches when rear venting with one 90° elbow.

*** When using combustible flooring materials, such as carpeting and padding, the combustible flooring material must not extend higher than one inch from the base of the appliance when the appliance is mounted at floor level.

****For installations with vinyl flooring, see Section 3.D.

Figure 3.10 Clearances to Combustibles

C. Constructing the Appliance Chase

NOTICE: Install appliance on hard metal or wood surfaces extending full width and depth. **DO NOT** install directly on carpeting, vinyl, or any combustible material other than wood.

WARNING! Risk of Fire! Maintain specified air space clearances to appliance and vent pipe:

- Insulation and other materials must be secured to prevent accidental contact.
- The chase must be properly blocked to prevent blown insulation or other combustibles from entering and making contact with fireplace or chimney.
- Failure to maintain airspace may cause overheating and a fire.

A chase is a vertical box-like structure built to enclose the gas appliance and/or its vent system. In cooler climates the vent should be enclosed inside the chase.

NOTICE: Treatment of ceiling firestops and wall shield firestops and construction of the chase may vary with the type of building. These instructions are not substitutes for the requirements of local building codes. Therefore, you **MUST** check local building codes to determine the requirements to these steps.

NOTICE: Where required by code, install only sprinkler heads with a sprinkler activation temperature classified as **Extra High**.

- Sprinklers inside of chase: Keep sprinkler head away from vent and chimney.
- Heat Management applications: Maintain 36 inches of clearance to openings from which heat is discharged such as convection slots, passive heat registers, heat zone registers, etc. Refer to Section 6.B for Heat Management options allowed for this appliance.

Chases should be constructed and insulated in the same manner as the thermal envelope of the home based on the code requirements for that climate zone to prevent air leakage and draft problems. The chase is an extension of the building thermal envelope.

To further prevent drafts and air leakage, the wall shield and ceiling firestops should be sealed with caulk with a minimum of 300 °F continuous exposure rating to seal gaps. Gas line holes and other openings should be sealed with caulk with a minimum of 300 °F continuous exposure rating or stuffed with unfaced insulation. If the appliance is being installed on a cement surface, a layer of plywood may be placed underneath to prevent conducting cold up into the room.

Minimum height requirements for an exterior chase on a top-vented appliance are shown in Figure 3.11. Reference Figure 4.5 for additional clearances.

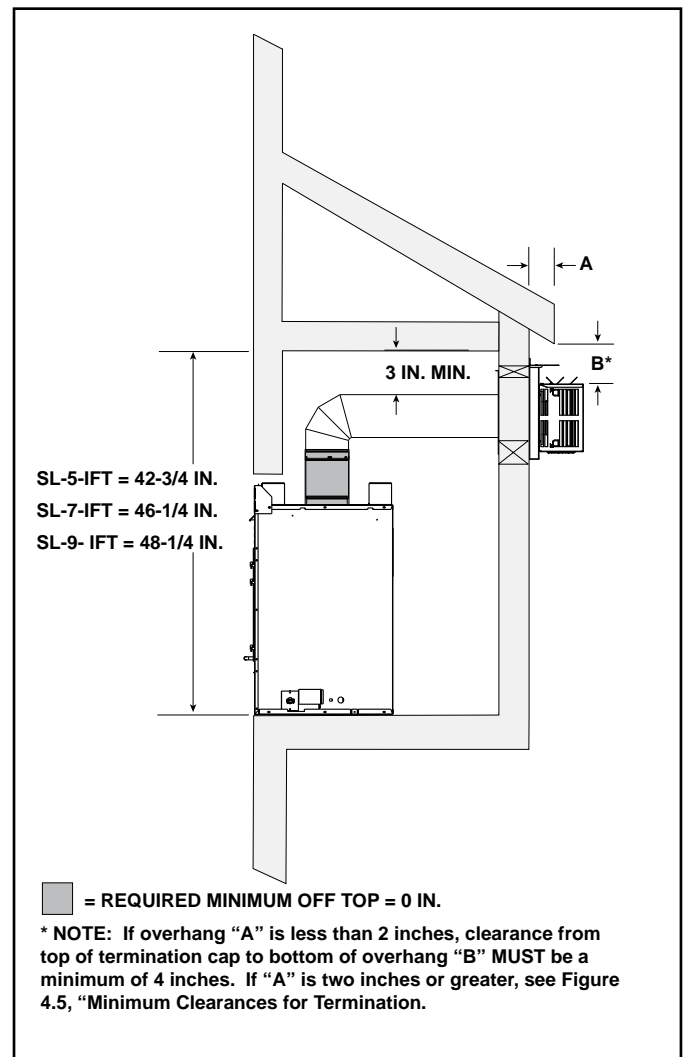


Figure 3.11 Exterior Chase - Minimum Height Requirements

D. Floor Protection

Vinyl Flooring

Vinyl flooring is sensitive to heat. Hearth and Home Technologies does not recommend adhesive based vinyl flooring due to thermal expansion. Floating-style flooring can be used, but will reach temperatures up to 110 °F in a room with ambient temperature of 70 °F. Consult flooring specifications to ensure compatibility.

4 Termination Location and Vent Information

A. Approved Pipe

Approved Pipe - Rigid

WARNING! Risk of Fire or Asphyxiation. This appliance requires a separate vent. **DO NOT** vent to a pipe serving a separate solid fuel burning appliance.

This appliance is approved for use with Hearth & Home Technologies DVP or SLP venting systems. Refer to Section 12.A for vent component information and dimensions. Only use listed decorative termination caps/shrouds with Hearth & Home Technologies approved venting systems.

DO NOT mix pipe, fittings or joining methods from different manufacturers.

The pipe is tested to be run inside an enclosed wall. There is no requirement for inspection openings at each joint within the wall.

Approved Pipe - Flex

WARNING! Risk of Fire or Asphyxiation. This appliance requires a separate vent. **DO NOT** vent to a pipe serving a separate solid fuel burning appliance.

This appliance is approved for use with Hearth & Home Technologies SLP-FLEX (6-5/8 in.) and SLP-FLEX7 (7 inch) venting systems.

DO NOT mix pipe, fittings or joining methods from different manufacturers. SLP-FLEX and SLP-FLEX7

venting cannot be interchanged.

SLP-FLEX (6-5/8 Inch): venting may be used in any venting configuration shown in the venting tables provided that the horizontal vent length is reduced by 25%.

SLP-FLEX7 (7 Inch-Canada Only): venting requires adapter collars to transition from the 6-5/8 in. appliance starting collar and to the 6-5/8" termination cap. Refer to installation instructions included with the SLP-FLEX7 collar adapter (SLP-FLEX7-A). SLP-FLEX7 Series venting is approved for use in Canada only.

SL-9 (NG and Propane) is not approved for use with SLP-FLEX7 venting.

The pipe is tested to be run inside an enclosed wall. There is no requirement for inspection openings at each joint within the wall.

B. Vent Termination Minimum Clearances

WARNING

Fire Risk.

Maintain vent clearance to combustibles as specified.

- DO NOT** pack air space with insulation or other materials.

Failure to keep insulation or other materials away from vent pipe could cause overheating and fire.

Roof Pitch	H (Min.) Ft
Flat to 6/12.....	1.0*
Over 6/12 to 7/12.....	1.25*
Over 7/12 to 8/12.....	1.5*
Over 8/12 to 9/12.....	2.0*
Over 9/12 to 10/12.....	2.5*
Over 10/12 to 11/12.....	3.25
Over 11/12 to 12/12.....	4.0
Over 12/12 to 14/12.....	5.0
Over 14/12 to 16/12.....	6.0
Over 16/12 to 18/12.....	7.0
Over 18/12 to 20/12.....	7.5
Over 20/12 to 21/12.....	8.0

* H minimum may vary depending on regional snowfall. Refer to local codes.

Figure 4.1 Minimum Height From Roof to Lowest Discharge Opening

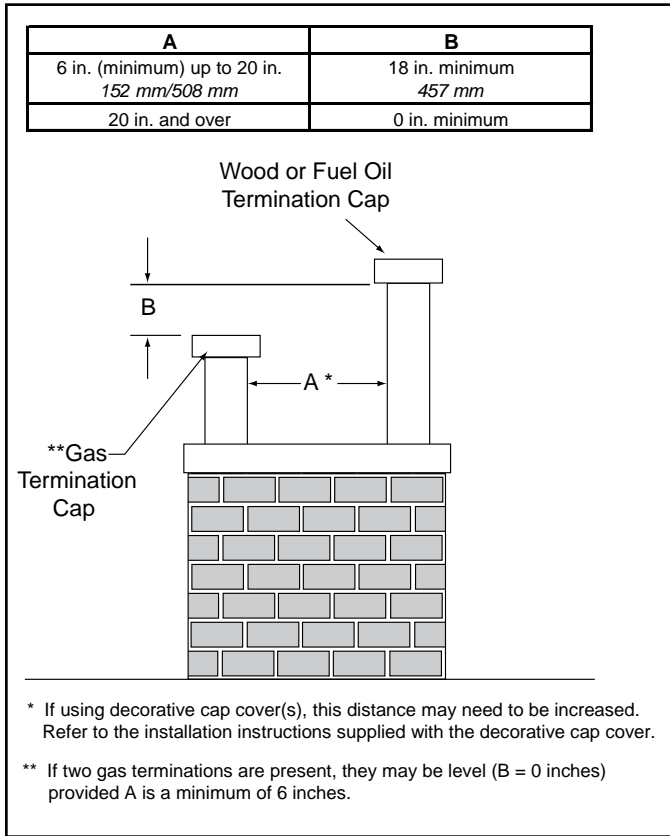


Figure 4.2 Staggered Termination Caps

CAUTION! Risk of Burns! Termination caps are HOT, consider proximity to doors, traffic areas or where people may pass or gather (sidewalk, deck, patio, etc.). Listed cap shields available. Contact your dealer.

- Local codes or regulations may require different clearances.
- Hearth & Home Technologies assumes no responsibility for the improper performance of the appliance when the venting system does not meet these requirements.
- Vinyl protection kits are suggested for use with vinyl siding.
- Measure horizontal and vertical termination cap clearances as noted in Figure 4.3 and Figure 4.4.

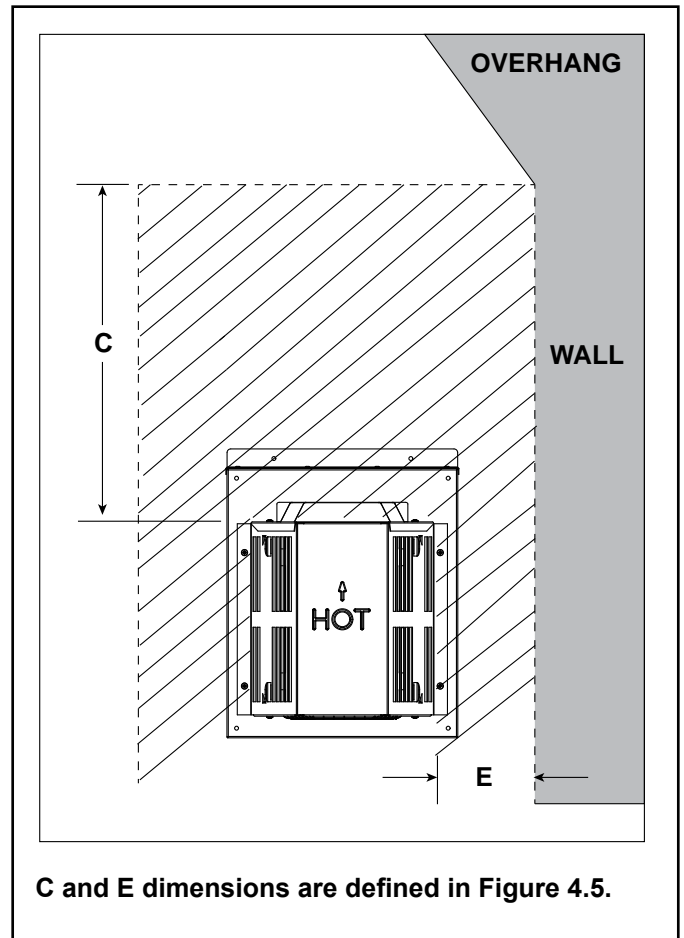


Figure 4.4 Measure Horizontal and Vertical Termination Clearance to Trapezoid Portion of Cap

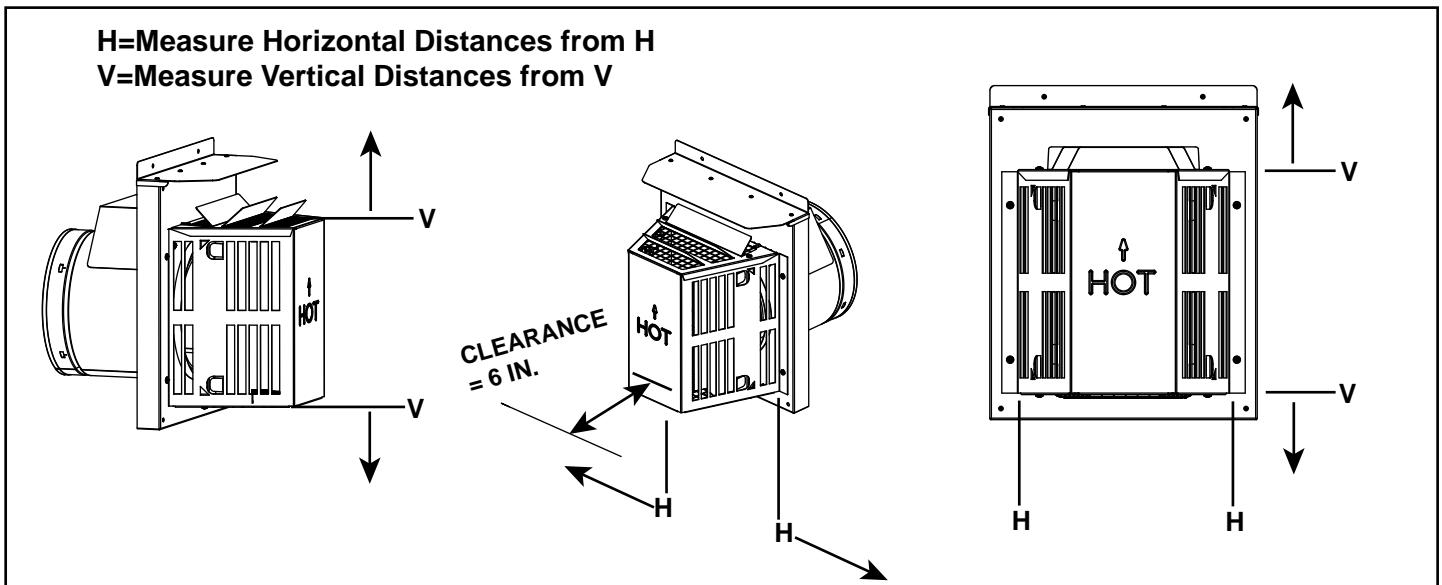
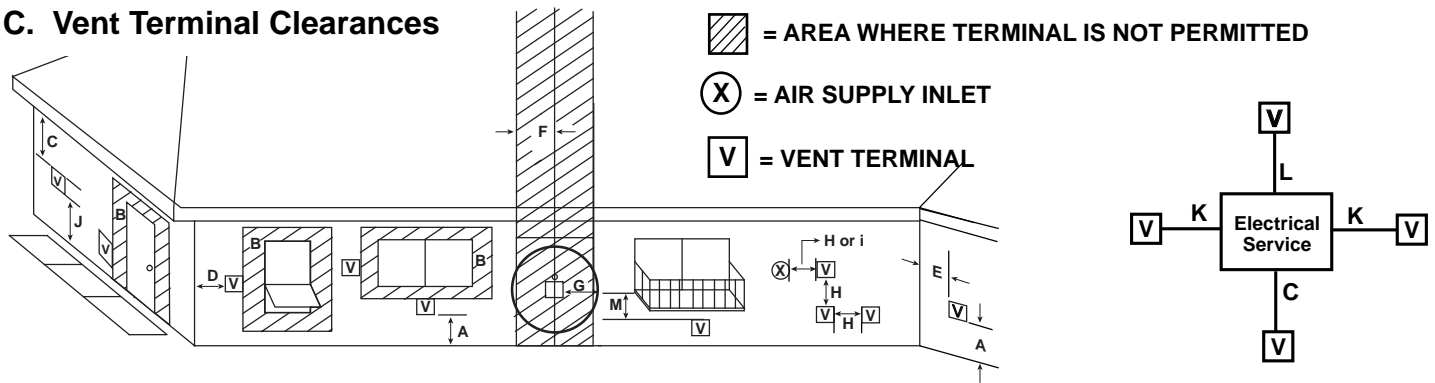


Figure 4.3

C. Vent Terminal Clearances



U.S.A. Installations: In accordance with the current ANSI Z223.1/NFPA 54, National Fuel Gas Code.

Canadian Installations: In accordance with the current CSA B149.1, Natural Gas and Propane Installation Code.

		U.S.A.	CANADA
A	clearance above grade, veranda, porch, deck, balcony or roof.	12 in. (305 mm)	12 in. (305 mm)
B	clearance to window or door that may be opened, or to permanently closed window	9 in min. (229 mm min.)	12 in. min. (305 mm min.)
C	clearance below unventilated soffit	18 in. (457 mm)	18 in. (457 mm)
	clearance below ventilated soffit	18 in. (457 mm)	18 in. (457 mm)
	clearance below any vinyl soffits and electrical service	30 in. (762 mm)	30 in. (762 mm)
D	clearance to outside corner	6 in. (152 mm)	6 in. (152 mm)
E	clearance to inside corner	6 in. (152 mm)	6 in. (152 mm)
F	clearance to each side of center line extended above gas meter/regulator assembly	Clearance in accordance with local installation codes and the requirements of the gas supplier.	3 ft (914 mm) within a height 15 ft (4.5 m) above the meter/regulator assembly
G	clearance to gas service regulator vent outlet	3 ft (914 mm)	3 ft (914 mm)
H	clearance to non-mechanical air supply inlet to building or the combustion air inlet to any other appliance termination (mechanical or non-mechanical)	9 in min. (229 mm min.)	12 in. min. (305 mm min.)
I	clearance to a mechanical (powered) air supply inlet *** (All mechanical air intakes within 10 feet of a horizontal termination cap must be a minimum of 3 feet below termination.)	3 ft (914 mm)***	6 ft (1.8 m)
J	On public property: clearance above paved sidewalk or a paved driveway.	7 ft (2.1 m)	7 ft (2.1 m)**
	** (A vent shall not terminate directly above a sidewalk or paved driveway which is located between two single family dwellings and serves both dwellings.)		
K	clearance from sides of electrical service	6 in. (152 mm)	6 in. (152 mm)
	Location of the vent termination must not interfere with access to the electrical service.		
L	clearance above electrical service	12 in. (305 mm)	12 in. (305 mm)
	Location of the vent termination must not interfere with access to the electrical service.		
M	clearance under veranda, porch, deck, balcony or overhang * (Permitted only if veranda, porch, deck, or balcony is fully open on a minimum of two sides beneath the floor.)	18 in. (457 mm)	12 in. (305 mm)*
	vinyl or composite overhang	42 in. (1.1 m)	42 in. (1.1 m)

Figure 4.5 Minimum Clearances for Termination

D. Use of Elbows

Diagonal runs have both vertical and horizontal vent aspects when calculating the effects. Use the rise for the vertical aspect and the run for the horizontal aspect. See Figure 4.6.

Two 45° elbows may be used in place of one 90° elbow. On 45° runs, one foot of diagonal is equal to 8-1/2 inch (216 mm) horizontal run and 8-1/2 inch (216 mm) vertical run. A length of straight pipe is allowed between two 45° elbows. See Figure 4.6.

Figure 4.7 shows the vertical and horizontal offsets for DVP or SLP elbows.

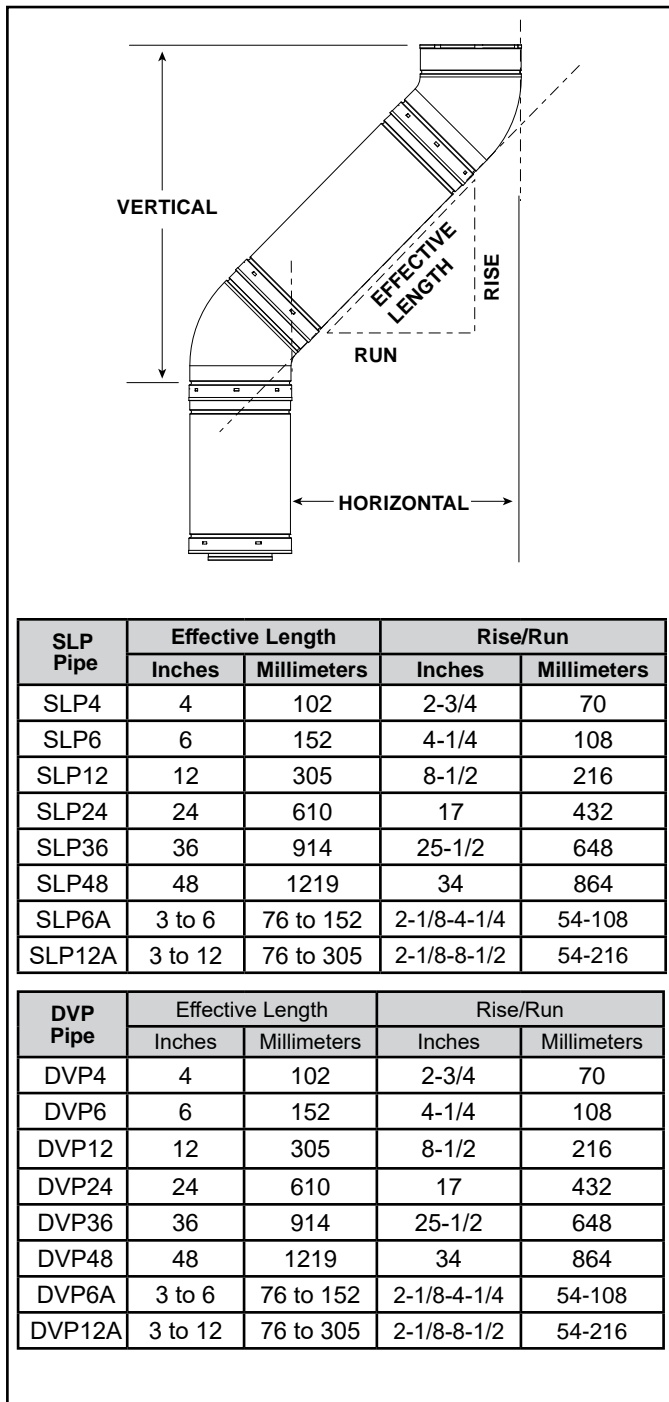


Figure 4.6

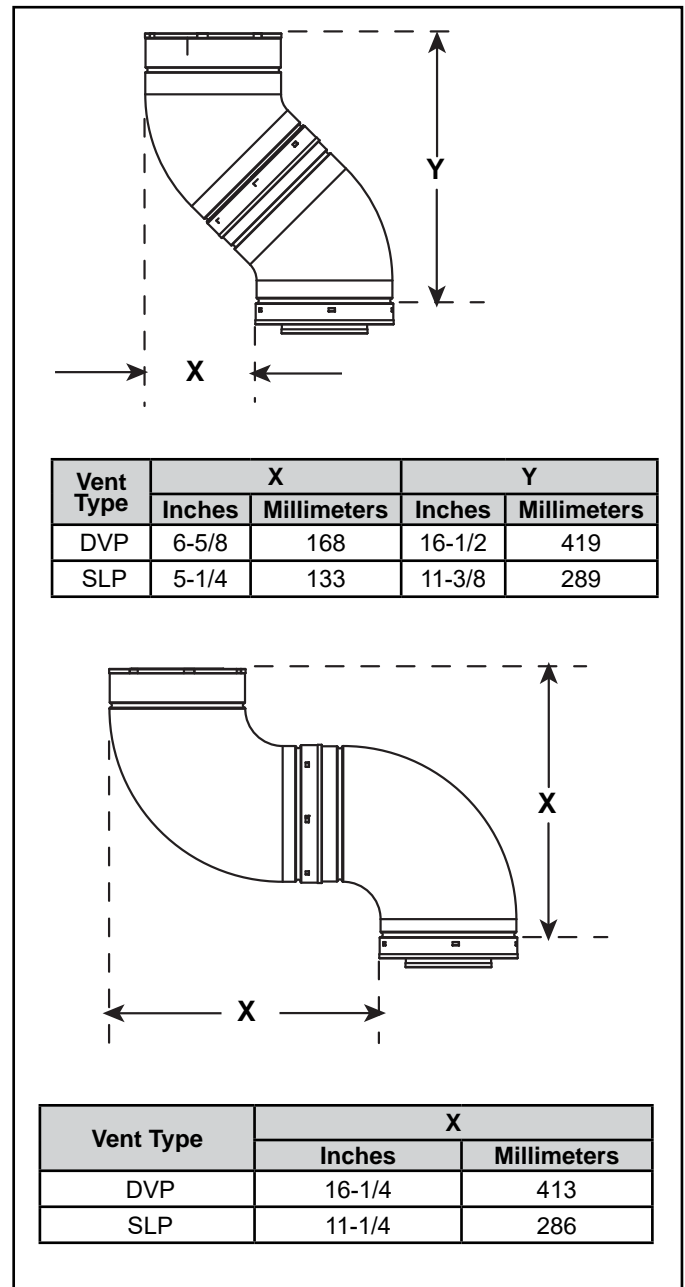


Figure 4.7 Vertical and Horizontal Offset for DVP and SLP Elbows

E. Use of Flex Vent (SLP-FLEX Series 6-5/8 Inch)

The flex vent must be supported with the spacing between support intervals not exceeding 4 feet, with no more than 1/2 inch sag between supports.

A support is required at each change in venting direction, and in any location where it is necessary to maintain the necessary clearance to combustibles. A simple “up and out” installation (Figure 4.8) requires only enough support to maintain the necessary clearance to combustibles. However, the vent attachment point and the firestop location are considered to be supports.

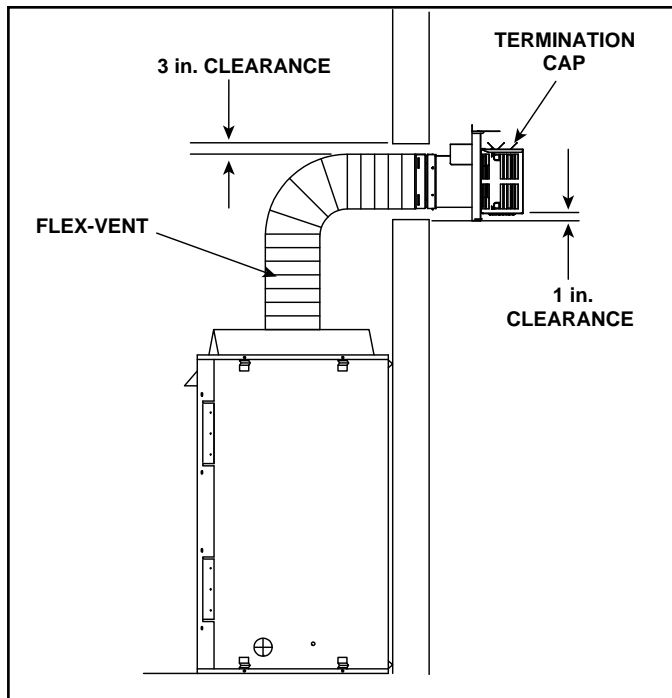


Figure 4.8 Flex Vent Pipe - Generic Fireplace Shown

F. Vent Diagrams

General Rules:

- SUBTRACT 3 ft. from the total H measurement for each 90° elbow installed horizontally.
- SUBTRACT 1-1/2 ft. from the total H measurement for each 45° elbow installed horizontally.
- **Rear Vented:** A maximum of three 90° elbows (or six 45° elbows) may be used in any vent configuration. Some elbows may be installed horizontally. See Figure 4.23 and 4.26.
- **Top Vented:** A maximum of four 90° elbows (or eight 45° elbows) may be used in any vent configuration. Some elbows may be installed horizontally. See Figure 4.19.
- Elbows may be placed back to back anywhere in the system.
- Any 90° elbow may be replaced with two back to back 45° elbows.
- When penetrating a combustible wall, a wall shield firestop must be installed.
- When penetrating a combustible ceiling, a ceiling firestop must be installed.
- Horizontal runs of vent do not require vertical rise; horizontal runs may be level.
- Horizontal termination cap should have a 1/4 inch downward slant to allow any moisture in cap to be released. See Figure 4.9.

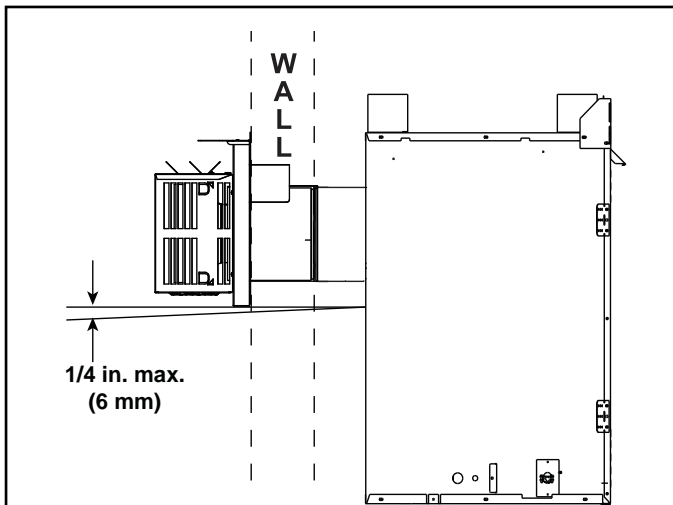


Figure 4.9

Measuring Standards:

Vertical and horizontal measurements listed in the vent diagrams and clearances for termination were made using the following standards:

- Pipe measurements are shown using the effective length of pipe. See Section 12.A (Figure 12.1 for DVP, Figure 12.9 for SLP) for information on effective length of pipe components.
- Horizontal terminations are measured to the outside mounting surface (flange of termination cap). See Figure 4.10.
- Vertical terminations are measured to top of last section of pipe. See Figure 4.11.
- Horizontal pipe installed level with no rise.

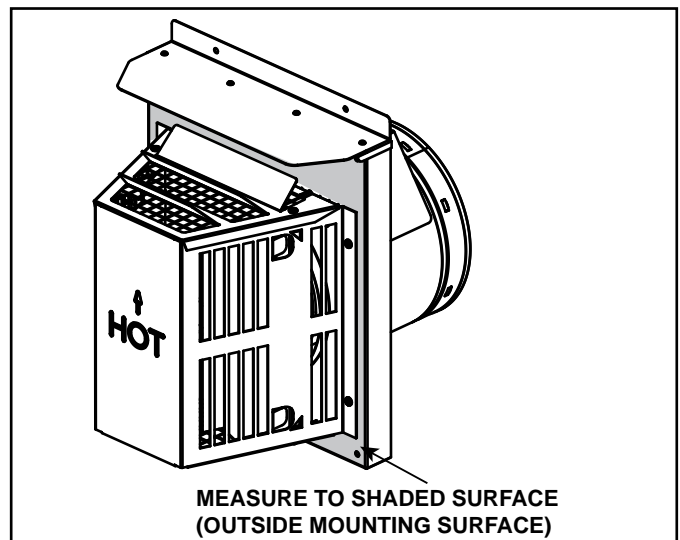


Figure 4.10 Measure to Outside Mounting Surface

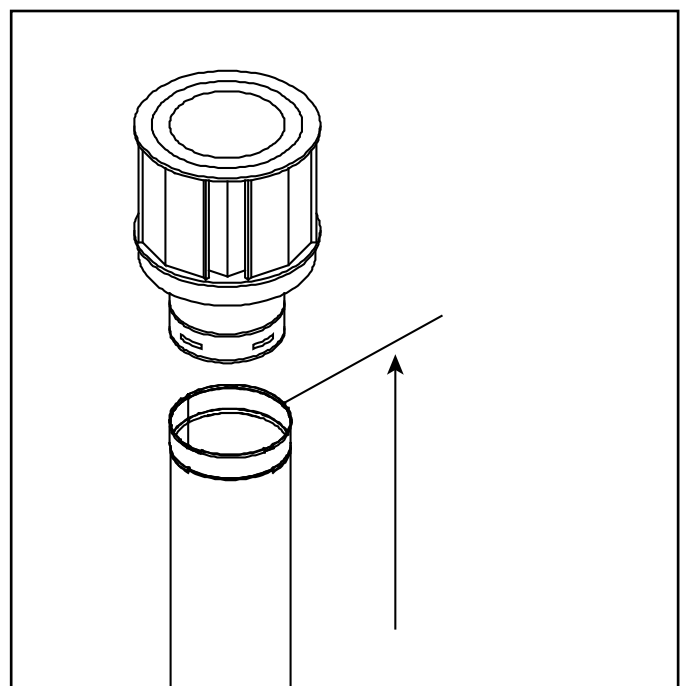


Figure 4.11 Measure to Top of Last Section of Pipe

Top Vent - Horizontal Termination

One Elbow

Note: Use SLP Series components only.

V ₁ Minimum		H ₁ Maximum**					
		SL-5-IFT		SL-7-IFT		SL-9-IFT	
90 Elbow *		2 ft.	610 mm	2 ft.	610 mm	1 ft.	305 mm
1/2 ft.*	152 mm	2 ft.	610 mm	2 ft.	610 mm	2 ft.	610 mm
1-1/2 ft.	457 mm	3 ft.	914 mm	3 ft.	914 mm	3 ft.	914 mm
2-1/2 ft.	762 mm	5 ft.	1.5 m	5 ft.	1.5 m	5 ft.	1.5 m
3-1/2 ft.	1.1 m	7 ft.	2.1 m	7 ft.	2.1 m	7 ft.	2.1 m
4-1/2 ft.	1.4 m	14 ft.	4.3 m	14 ft.	4.3 m	14 ft.	4.3 m

H MAX. = 14 ft. (4.3 m)
V + H MAX. = 40 ft. (12.2 m)
*See warning below

****Note:** When using **SLP-FLEX (6-5/8 in.)** venting, there **MUST** be a 25% reduction in total H when using flex vent. See Figure 4.8.

WARNING *



Fire Risk.

- When using SLP-HRC-SS termination cap on top vented fireplaces, a one foot minimum vertical vent section is required before installing first elbow.

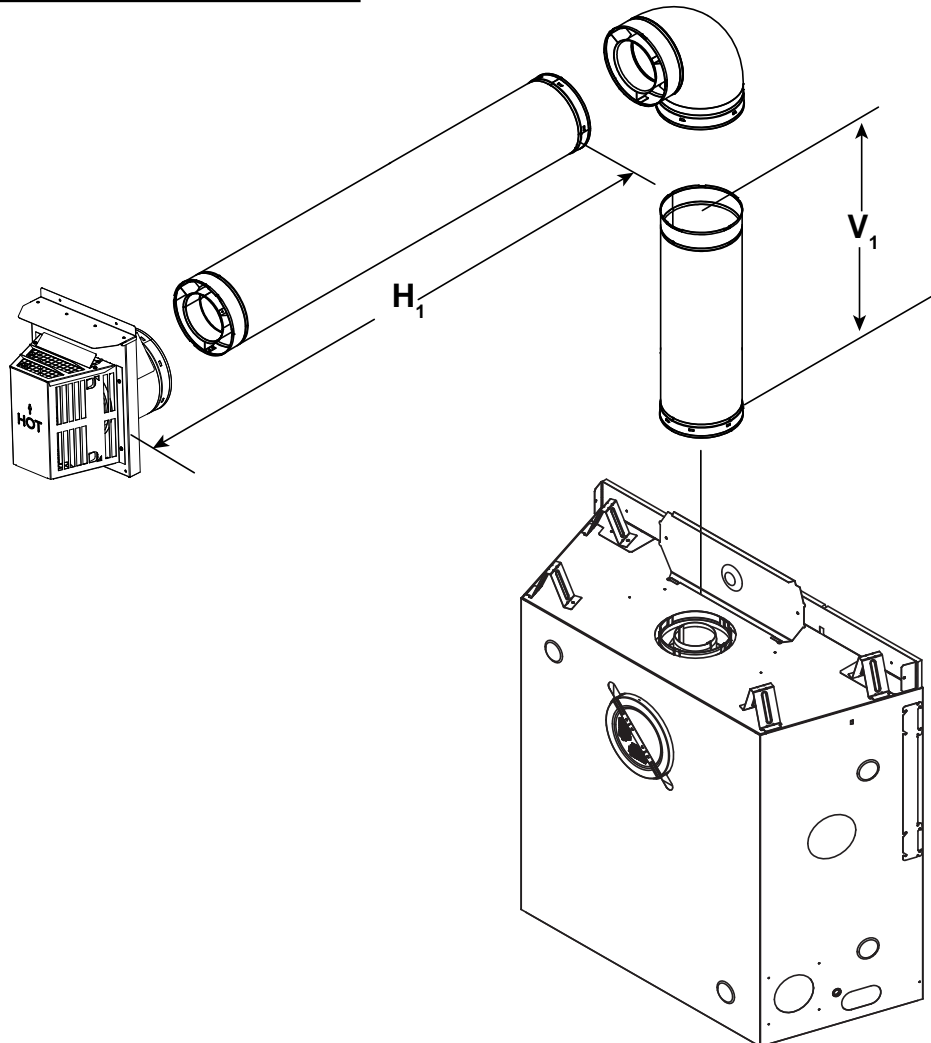


Figure 4.12

Top Vent - Horizontal Termination - (continued)

Two Elbows

Note: Use SLP Series components only.

****Note:** When using **SLP-FLEX (6-5/8 in.)** venting, there **MUST** be a 25% reduction in total H when using flex vent. See Figure 4.8.

WARNING *



Fire Risk.

- When using SLP-HRC-SS termination cap on top vented fireplaces, a one foot minimum vertical vent section is required before installing first elbow.

V Minimum	H ₁ + H ₂ Maximum**						
	SL-5-IFT		SL-7-IFT		SL-9-IFT		
90 Elbow *	1/2 ft.	152 mm	1/2 ft.	152 mm	0 ft.	0 mm	
1/2 ft.*	152 mm	1 ft.	305 mm	1 ft.	305 mm	1 ft.	305 mm
1-1/2 ft.	457 mm	2 ft.	610 mm	2 ft.	610 mm	2 ft.	610 mm
2-1/2 ft.	762 mm	4 ft.	1.2 m	4 ft.	1.2 m	4 ft.	1.2 m
3-1/2 ft.	1.1 m	6 ft.	1.8 m	6 ft.	1.8 m	6 ft.	1.8 m
4-1/2 ft.	1.4 m	14 ft.	4.3 m	14 ft.	4.3 m	14 ft.	4.3 m

H + H₁ MAX. = 14 ft. (4.3 m)
 V + H + H₁ MAX. = 40 ft. (12.2 m)
 *See warning below

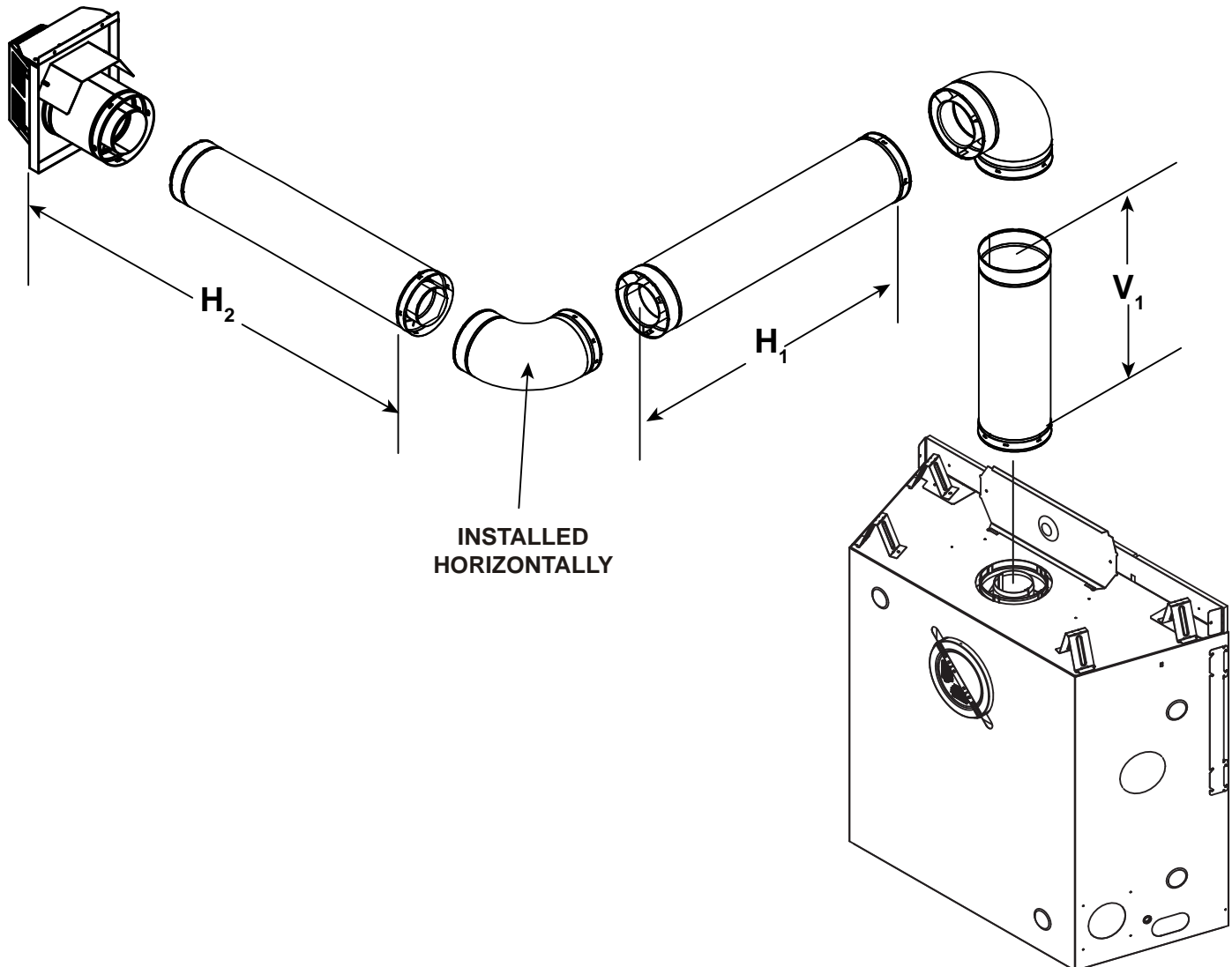


Figure 4.13

Top Vent - Horizontal Termination - (continued)

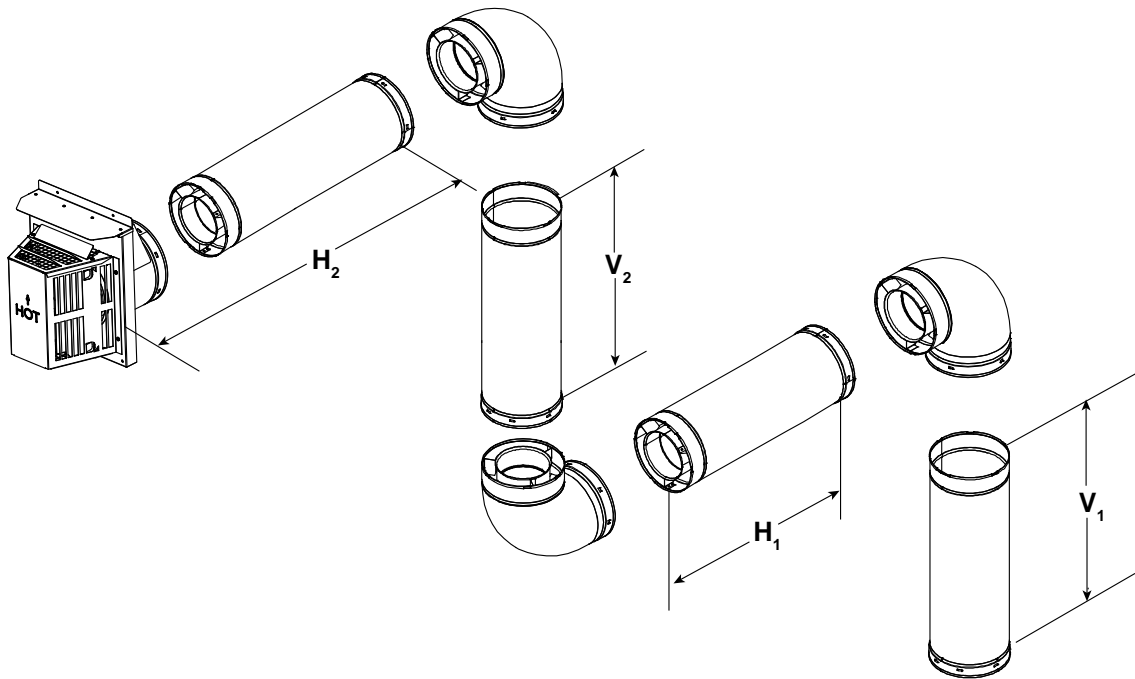
Three Elbows

Note: Use SLP Series components only.

V ₁ Minimum		H ₁ + H ₂ Maximum**						V ₂	V ₁ + V ₂ Min.
		SL-5-IFT		SL-7-IFT		SL-9-IFT			
90 Elbow *		2 ft.	610 mm	2 ft.	610 mm	2 ft.	610 mm	*	*
1/2 ft.*	152 mm	6 ft.	1.8 m	6 ft.	1.8 m	6 ft.	1.8 m	*	*
1-1/2 ft.	457 mm	10 ft.	3.0 m	10 ft.	3.0 m	10 ft.	3.0 m	*	*
2-1/2 ft.	762 mm	12 ft.	3.7 m	12 ft.	3.7 m	12 ft.	3.7 m	*	*
3-1/2 ft.	1.1 m	14 ft.	4.3 m	14 ft.	4.3 m	14 ft.	4.3 m	*	*

H₁ + H₂ MAX. = 14 ft. (4.3 m)
 V₁ + V₂ + H₁ + H₂ MAX. = 40 ft. (12.2 m)
 *No specific restrictions on this value EXCEPT V₁ + V₂ + H cannot exceed 40 ft. (12.2 m)
 * See warning below

****Note:** When using **SLP-FLEX (6-5/8 in.)** venting, there **MUST** be a 25% reduction in total H when using flex vent. See Figure 4.8.



WARNING *



Fire Risk.

- When using SLP-HRC-SS termination cap on top vented fireplaces, a one foot minimum vertical vent section is required before installing first elbow.

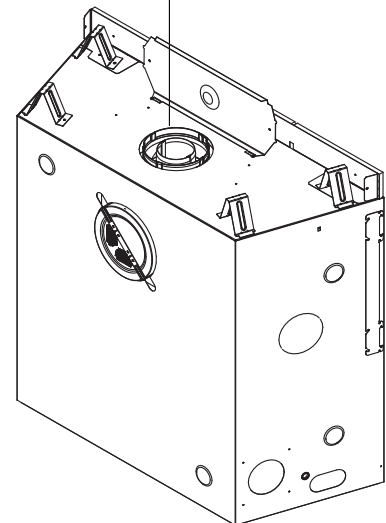


Figure 4.14

Top Vent - Vertical Termination

No Elbow

Note: Use SLP Series components only.

Note: If installing a vertical vent/termination off the top of the appliance, the optional vertical termination baffle may be needed.

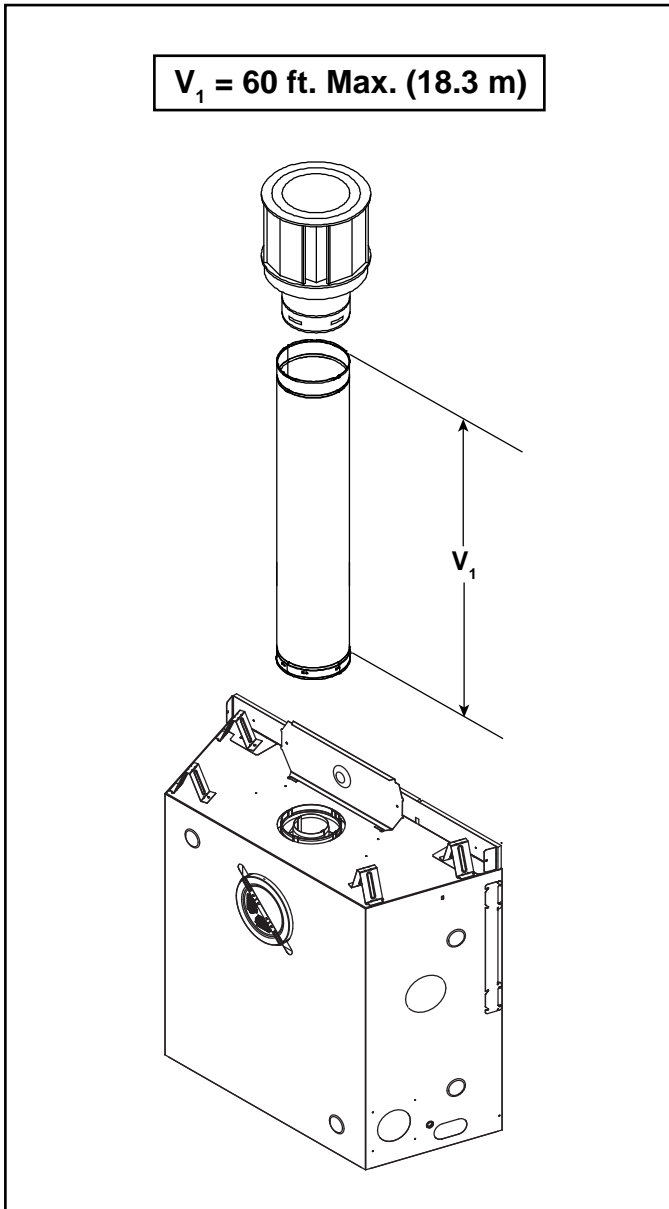


Figure 4.15

Exhaust restrictor Instructions

Exhaust restrictors are recommended for these vertically terminated products which have excessive draft. Exhaust restrictors will compensate for high draft, and restore visual flame height. If the vent configuration has a total vertical of 15-60 feet, an exhaust restrictor may be used. The exhaust restrictor can be located in the appliance manual bag.

1. Install the exhaust restrictor over the center of the exhaust outlet in the firebox. See Figure 4.16.
2. Center the exhaust restrictor in the open end of the exhaust outlet and secure through the slots on the exhaust restrictor with the two 1/4 in. self-tapping screws provided in the appliance manual bag.

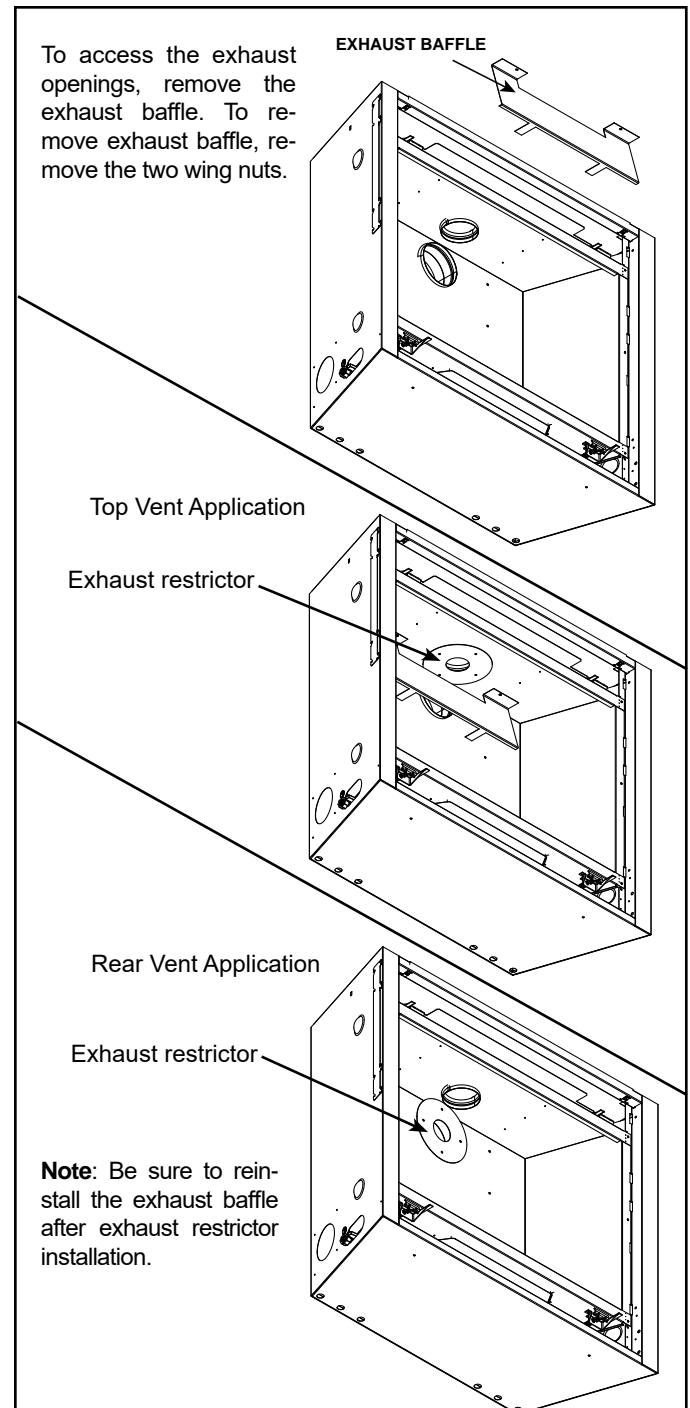


Figure 4.16

Top Vent - Vertical Termination - (continued)

Two 90° Elbows

Note: Use SLP Series components only.

V ₁ MIN.		SL-5-IFT		SL-7-IFT		SL-9-IFT		V ₂	V ₁ + V ₂ MIN.
		H MAX.**		H MAX.**		H MAX.**			
90 Elbow		1-1/2 ft.	457 mm	1-1/2 ft.	457 mm	1 ft.	305 mm	*	*
1/2 ft.	152 mm	2 ft.	610 mm	2 ft.	610 mm	2 ft.	610 mm	*	*
1-1/2 ft.	457 mm	3 ft.	914 mm	3 ft.	914 mm	3 ft.	914 mm	*	*
2-1/2 ft.	762 mm	5 ft.	1.5 m	5 ft.	1.5 m	5 ft.	1.5 m	*	*
3-1/2 ft.	1.1 m	7 ft.	2.1 m	7 ft.	2.1 m	7 ft.	2.1 m	*	*
4-1/2 ft.	1.4 m	15 ft.	4.6 m	15 ft.	4.6 m	15 ft.	4.6 m	*	*

H MAX. = 15 ft. (4.6 m)
V₁ + V₂ + H MAX. = 40 ft. (12.2 m)
* No specific restrictions on this value EXCEPT V₁ + V₂ + H cannot exceed 40 ft. (12.2 m)

****Note:** When using **SLP-FLEX (6-5/8 in.)** venting, there **MUST** be a 25% reduction in total H when using flex vent. See Figure 4.8.

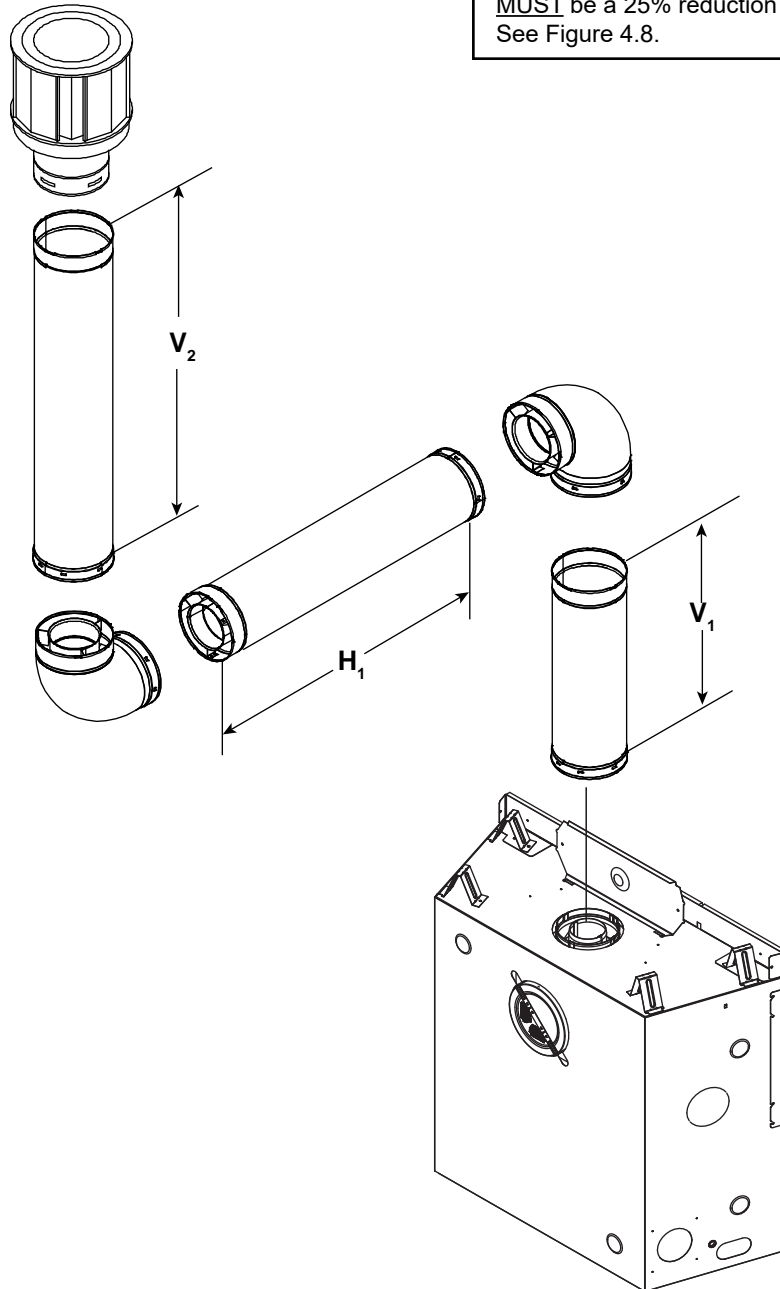


Figure 4.17

Top Vent - Vertical Termination - (continued)

Three Elbows

Note: Use SLP Series components only.

V ₁ MIN.		SL-5-IFT		SL-7-IFT		SL-9-IFT		V ₂	V ₁ + V ₂ MIN.
		H MAX.**		H MAX.**		H MAX.**			
90 Elbow		1/2 ft.	152 mm	1/2 ft.	152 mm	0 ft.	0 mm	*	*
1/2 ft.	152 mm	1 ft.	305 mm	1 ft.	305 mm	1 ft.	305 mm	*	*
1-1/2 ft.	457 mm	2 ft.	610 mm	2 ft.	610 mm	2 ft.	610 mm	*	*
2-1/2 ft.	762 mm	4 ft.	1.2 m	4 ft.	1.2 m	4 ft.	1.2 m	*	*
3-1/2 ft.	1.1 m	6 ft.	1.8 m	6 ft.	1.8 m	6 ft.	1.8 m	*	*
4-1/2 ft.	1.4 m	14 ft.	4.3 m	14 ft.	4.3 m	14 ft.	4.3 m	*	*

H MAX. = 14 ft. (4.3 m)
 V₁ + V₂ + H₁ + H₂ MAX. = 40 ft. (12.2 m)
 * No specific restrictions on this value EXCEPT V₁ + V₂ + H₁ + H₂ cannot exceed 40 ft. (12.2 m)

****Note:** When using **SLP-FLEX (6-5/8 in.)** venting, there MUST be a 25% reduction in total H when using flex vent. See Figure 4.8.

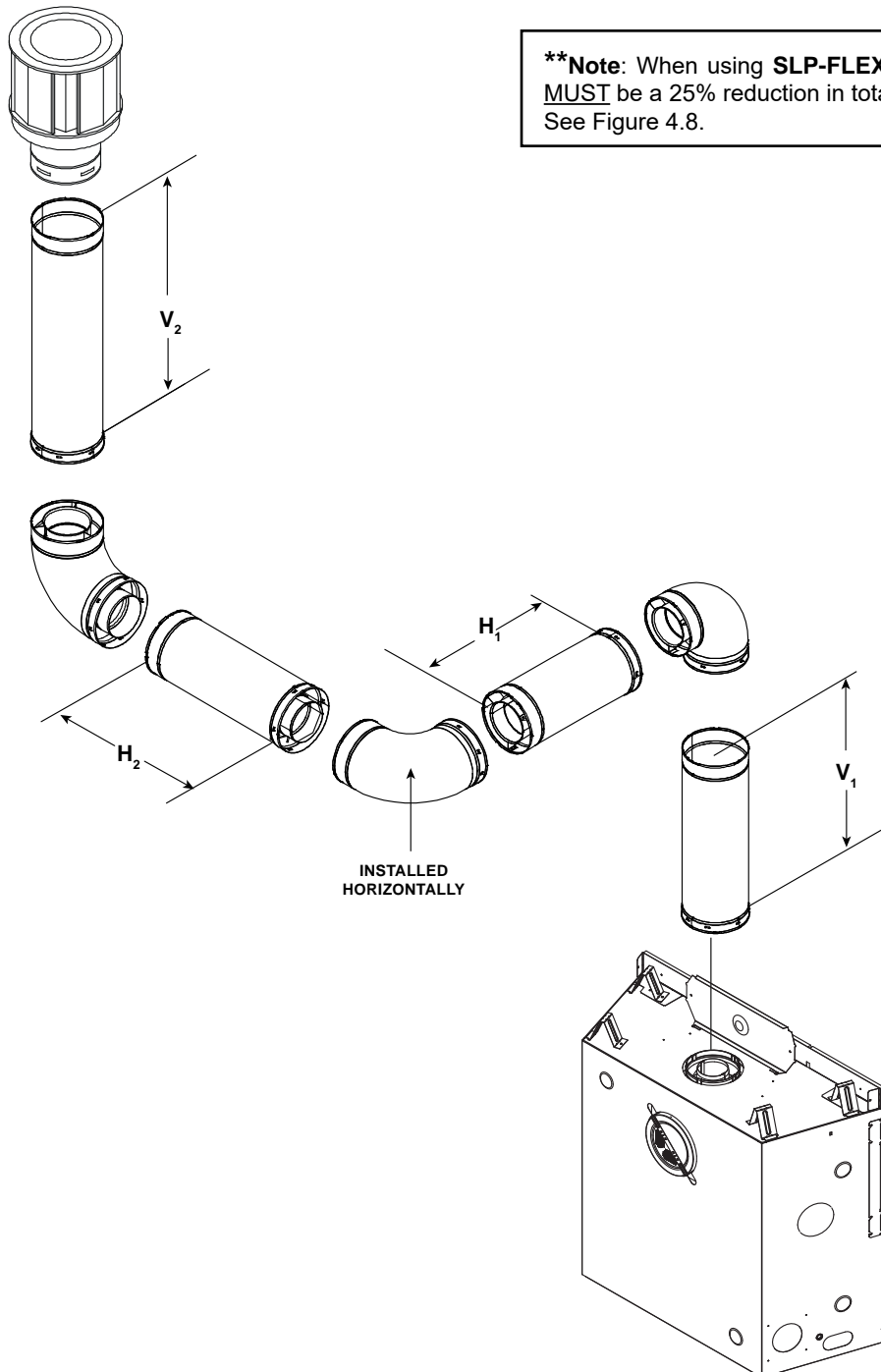


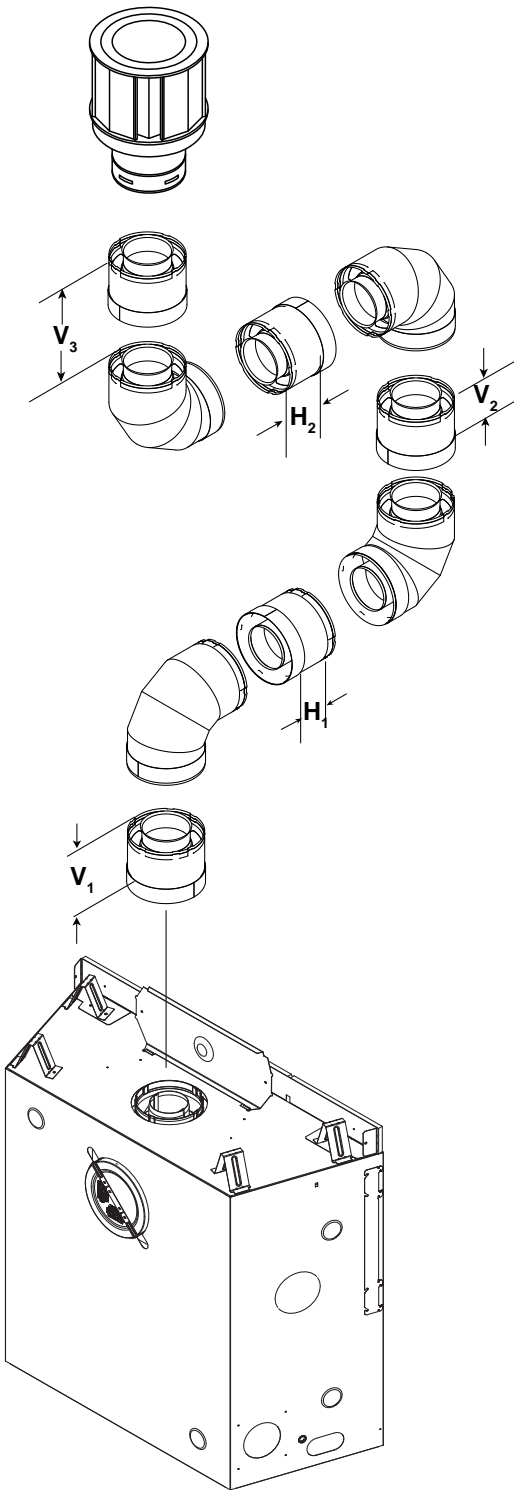
Figure 4.18

Top Vent - Vertical Termination - (continued)

Four 90° Elbows

ALL MODELS									
V ₁ Min.		H ₁ Max.**		V ₂ Min.		H ₂ Max.**		V ₃ Min.	
1-1/2 ft.	457 mm	4 ft.	1.2 m	4 ft.	1.2 m	4 ft.	1.2 m	3-1/2 ft.	1.0 m
$V_1 + V_2 + V_3 + H_1 + H_2$ Maximum= 40 ft. (12.2 m)									

****Note:** When using **SLP-FLEX (6-5/8 in.)** venting, there **MUST** be a 25% reduction in total H when using flex vent. See Figure 4.8.



Note: Use SLP Series components only.

Figure 4.19

Rear Vent - Horizontal Termination

No Elbow

Note: Use DVP Series components only.

	H ₁ MAX	
SL-5- IFT	24 in.	610 mm
SL-7-IFT	24 in.	610 mm
SL-9-IFT	18 in.*	457 mm

CAUTION

***For SL-9-IFT**

H₁ Maximum can be up to 24 inches ONLY if the Optional Refractory Kit (BRICK-9) is NOT used.

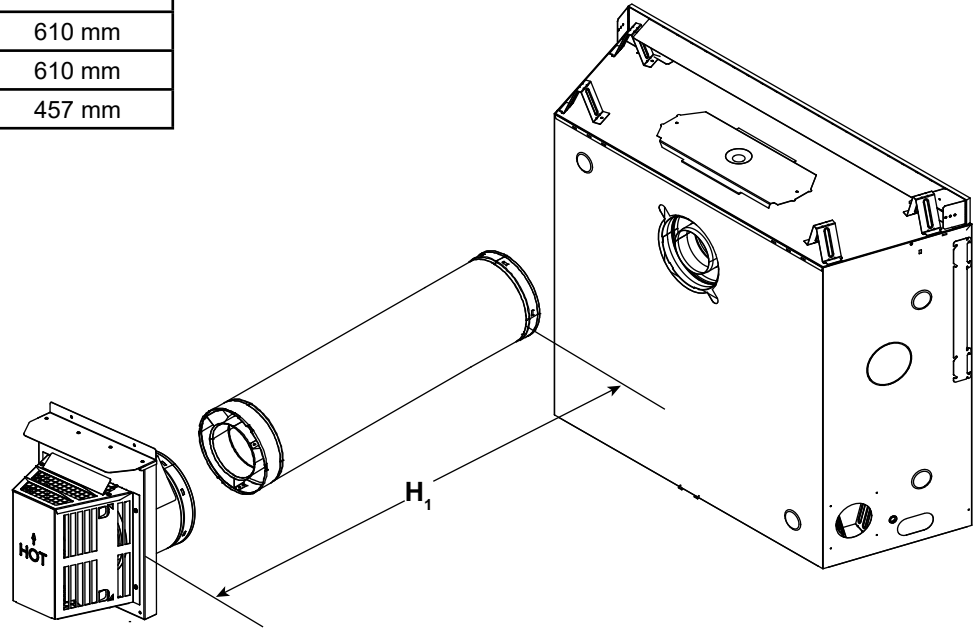


Figure 4.20

Rear Vent - Horizontal Termination One 45° Elbow

For corner installation of models **SL-5-IFT** and **SL-7-IFT** ONLY

H₁ = 9 in. (229 mm) Maximum

Note: Use DVP Series components only.

Note: Do not use a 45° elbow for SL-9-IFT. Use two 90° elbows for corner installation on SL-9-IFT.

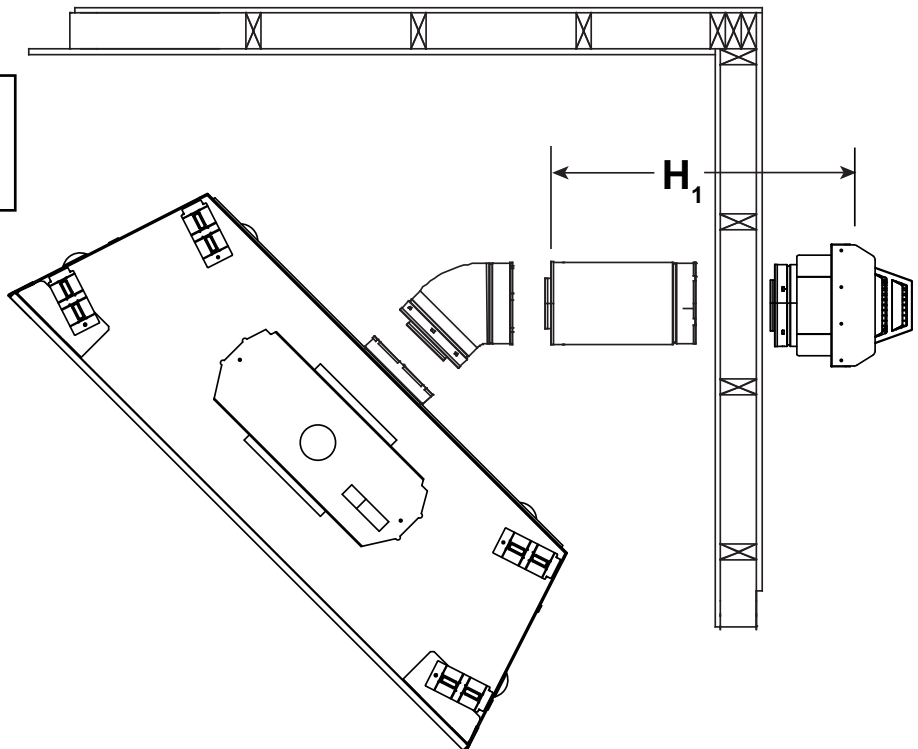


Figure 4.21

Rear Vent - Horizontal Termination - (continued)

Two Elbows

Note: Use DVP Series components only.

H ₁ MAX.		V ₁ MIN.		H ₂ MAX.		H ₁ + H ₂ MAX.	
1-1/2 ft.	457 mm	Back to back elbows		1 ft.	305 mm	2-1/2 ft.	762 mm
3 ft.	914 mm	1 ft.	305 mm	3 ft.	914 mm	6 ft.	1.8 m
5 ft.	1.5 m	3 ft.	914 mm	5 ft.	1.5 m	10 ft.	3.0 m
7 ft.	2.1 m	5 ft.	1.5 m	7 ft.	2.1 m	14 ft.	4.3 m
H ₁ MAX. = 7 ft. (2.1 m) H ₁ + H ₂ MAX. = 14 ft. (4.3 m) V ₁ + H ₁ + H ₂ MAX. = 40 ft. (12.2 m)							

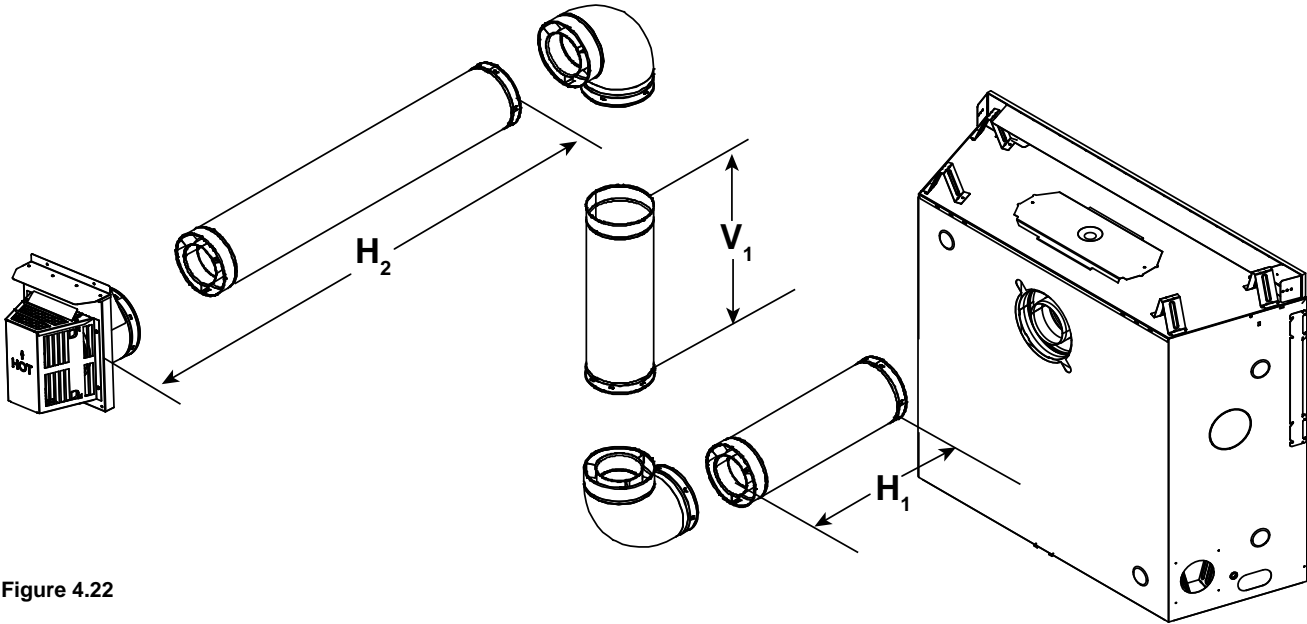


Figure 4.22

Three Elbows

Note: Use DVP Series components only.

H ₁ MAX.		V ₁ MIN.		H ₂ + H ₃ MAX.		H ₁ + H ₂ + H ₃ MAX.	
1-1/2 ft.	457 mm	Back to back elbows		1 ft.	305 mm	2-1/2 ft.	762 mm
3-1/2 ft.	1.1 m	1 ft.	305 mm	2 ft.	610 mm	5-1/2 ft.	1.7 m
5-1/2 ft.	1.7 m	2 ft.	610 mm	4 ft.	1.2 m	9-1/2 ft.	2.9 m
7-1/2 ft.	2.3 m	3 ft.	914 mm	6 ft.	1.8 m	13-1/2 ft.	4.1 m
H ₁ MAX. = 7-1/2 ft. (2.3 m) H ₁ + H ₂ + H ₃ MAX. = 13-1/2 ft. (4.1 m) V ₁ + H ₁ + H ₂ + H ₃ MAX. = 40 ft. (12.2 m)							

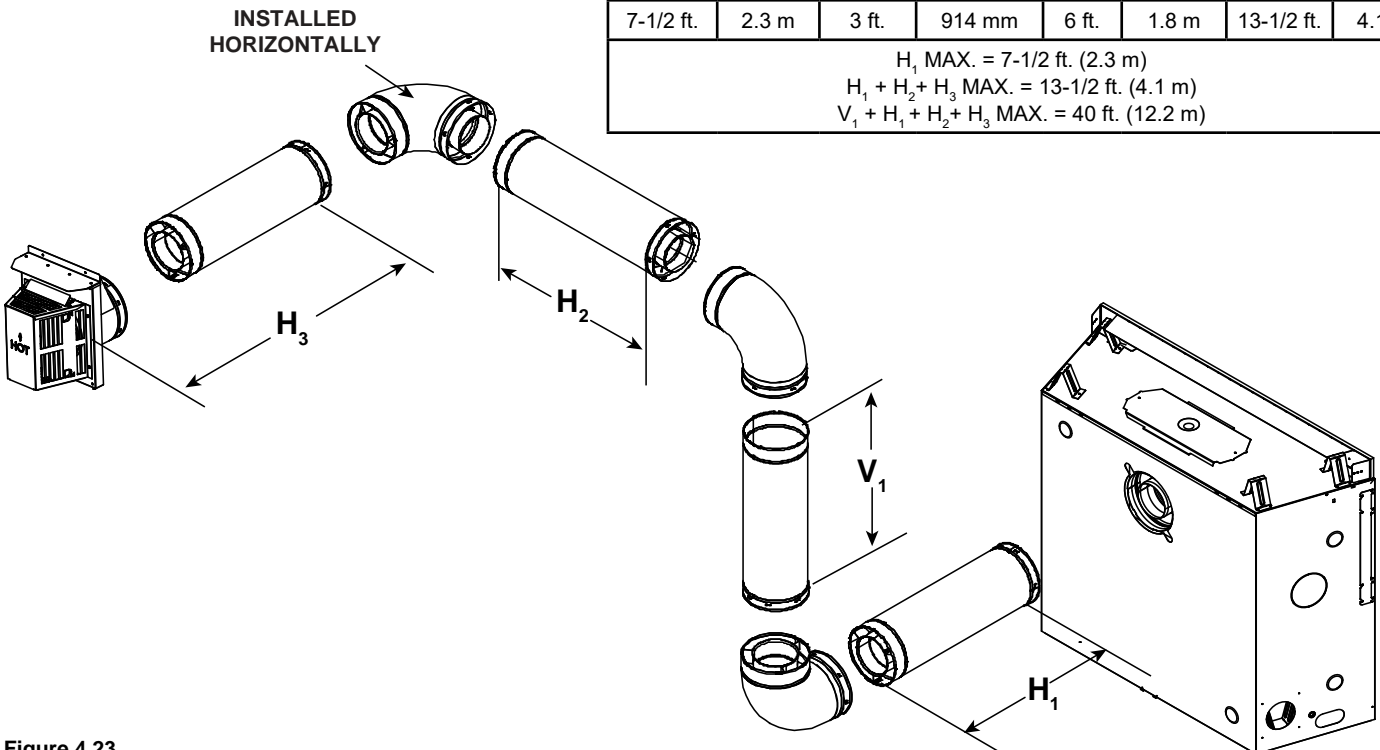
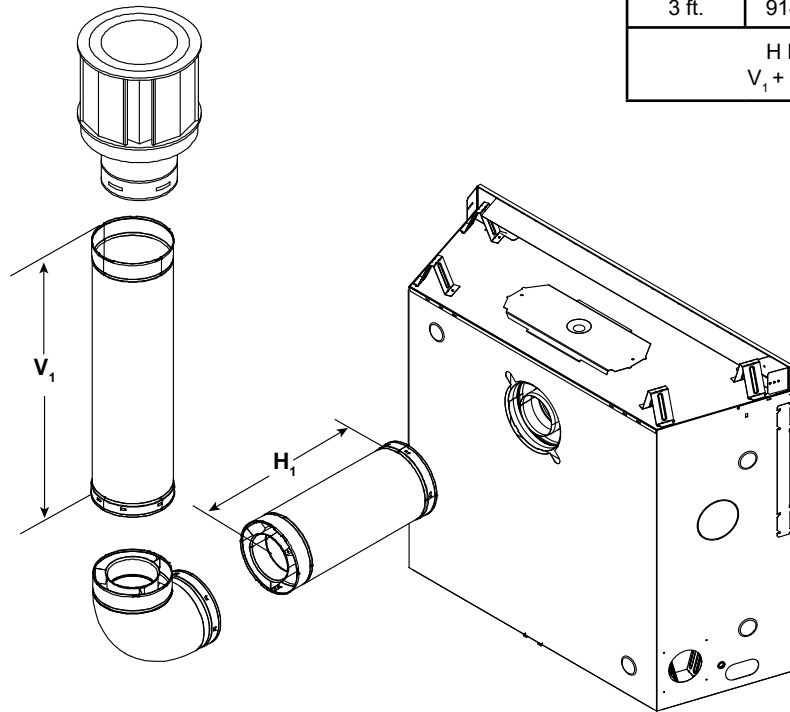


Figure 4.23

Rear Vent - Vertical Termination

One Elbow

Note: Use DVP Series components only.

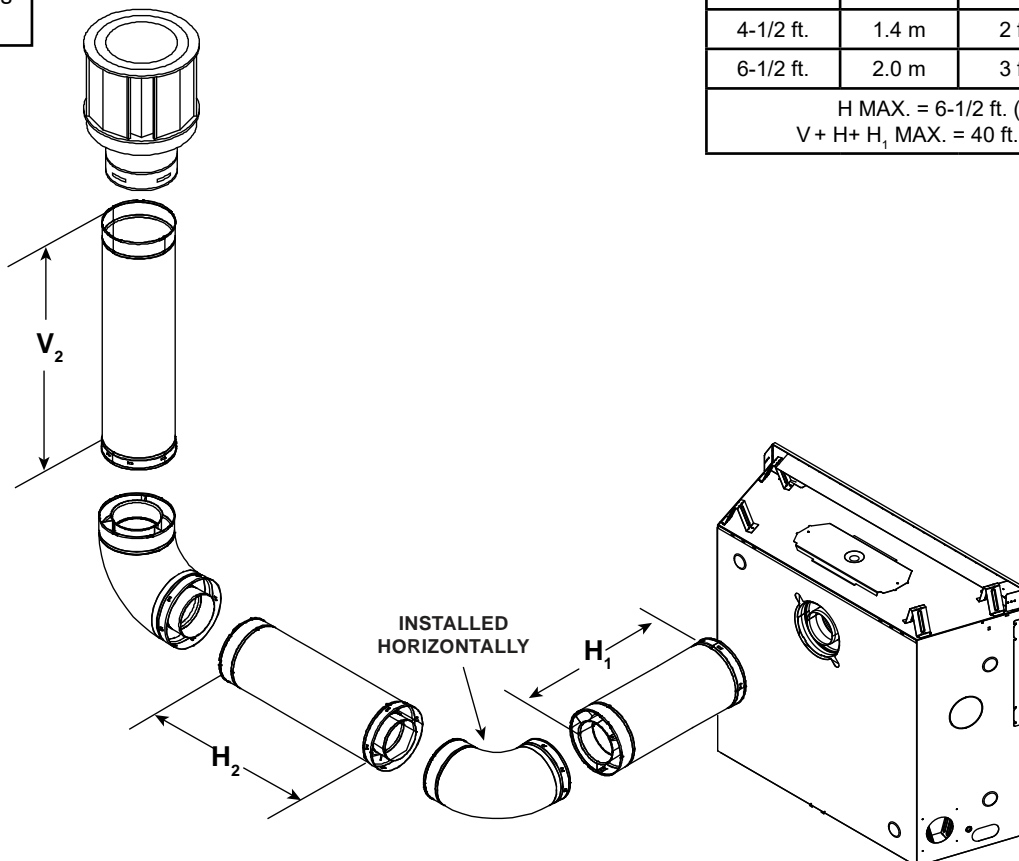


V ₁ MIN.		H ₁ MAX.	
1 ft.	305 mm	3-1/2 ft.	1.1 m
2 ft.	610 mm	5-1/2 ft.	1.7 m
3 ft.	914 mm	7-1/2 ft.	2.3 m
H MAX. = 7-1/2 ft. (2.3 m) V ₁ + H ₁ MAX. = 40 ft. (12.2 m)			

Figure 4.24

Two Elbows

Note: Use DVP Series components only.



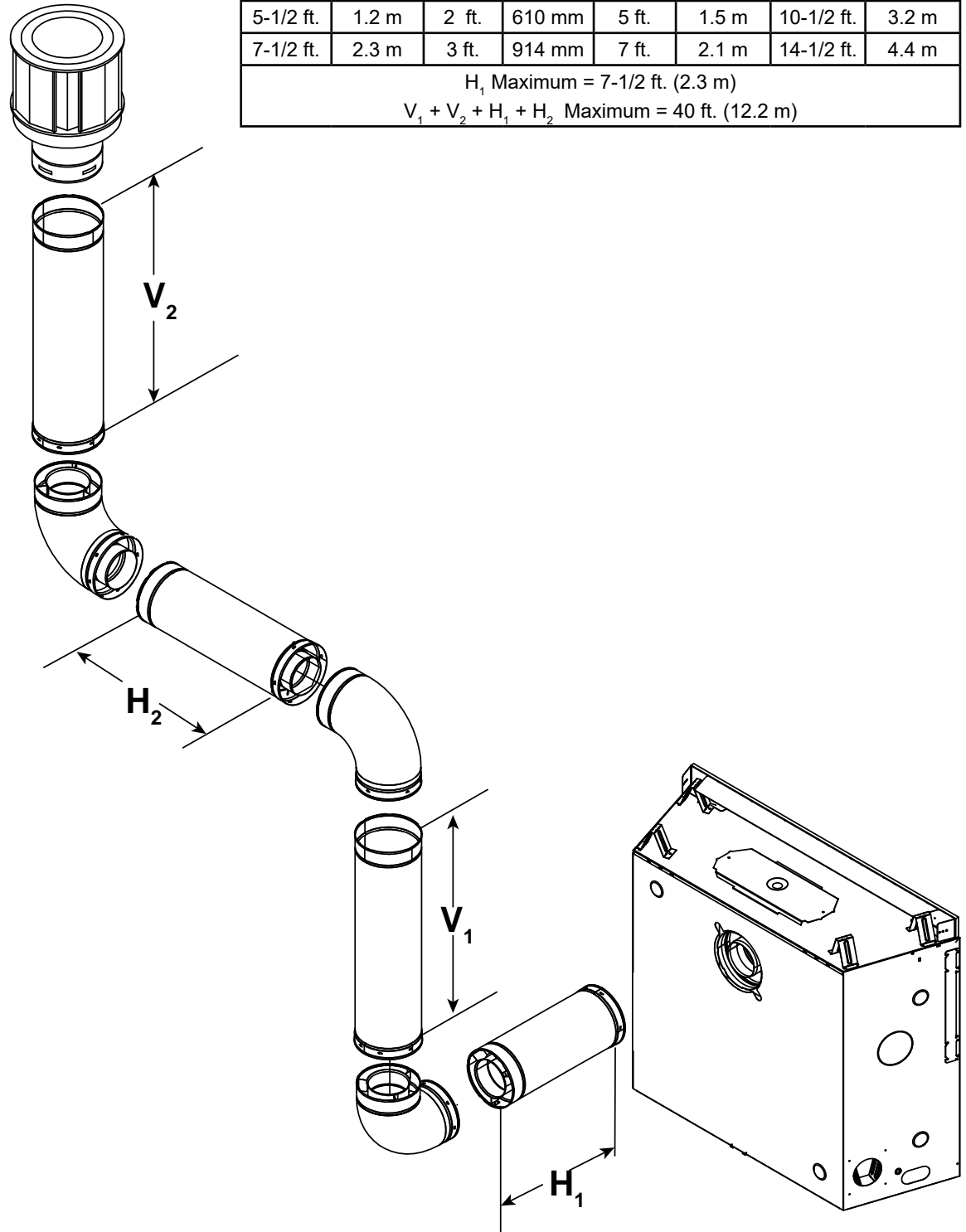
H ₁ + H ₂ MAX		V ₁ MIN.	
1/2 ft.	152 mm	Back to back elbows	
2-1/2 ft.	762 mm	1 ft.	305 mm
4-1/2 ft.	1.4 m	2 ft.	610 mm
6-1/2 ft.	2.0 m	3 ft.	914 mm
H MAX. = 6-1/2 ft. (2 m) V + H + H ₁ MAX. = 40 ft. (12.2 m)			

Figure 4.25

Rear Vent - Vertical Termination - (continued)

Three Elbows

Note: Use DVP Series components only.



ALL MODELS							
H ₁ Maximum		V ₁ Minimum		H ₂		H ₁ + H ₂ Maximum	
1-1/2 ft.	457 mm	Back to Back Elbows		1 ft.	305 mm	2-1/2 ft.	762 mm
3-1/2 ft.	1.1 m	1 ft.	305 mm	3 ft.	914 mm	6-1/2 ft.	2.0 m
5-1/2 ft.	1.2 m	2 ft.	610 mm	5 ft.	1.5 m	10-1/2 ft.	3.2 m
7-1/2 ft.	2.3 m	3 ft.	914 mm	7 ft.	2.1 m	14-1/2 ft.	4.4 m
H ₁ Maximum = 7-1/2 ft. (2.3 m) V ₁ + V ₂ + H ₁ + H ₂ Maximum = 40 ft. (12.2 m)							

Figure 4.26

Coaxial to Colinear Venting

WARNING! Risk of Fire! Coaxial to colinear venting configuration may only be used in existing non-combustible chimney. Installation in any other venting application could cause fire.

The coaxial to colinear adapter (DV-46DVA-GCL) is approved for installations into solid fuel masonry or factory built fireplaces that have been installed in accordance with the National, Provincial, State and local building codes. The coaxial to colinear vent components are shown in Section 12.A. The DV-46DVA-GCL must be recessed into existing masonry fireplace. See Table 1 and Figure 4.27.

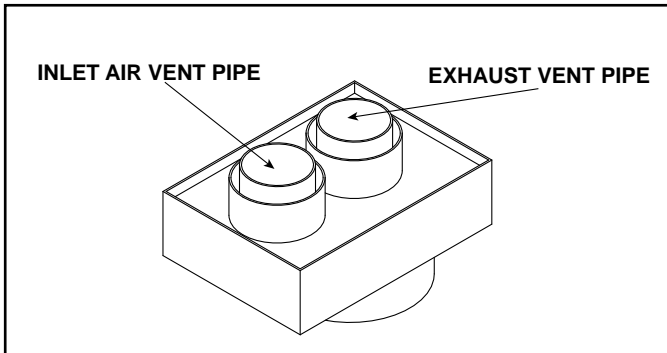


Figure 4.27 Coaxial/Colinear Appliance Connector

Prior to installing the gas appliance:

- Have the chimney and adjacent structure inspected and cleaned by qualified professionals. Hearth & Home Technologies recommends that NFI or CSIA certified professionals, or technicians under the direction of certified professionals, conduct a minimum of a NFPA 211 Level 2 inspection of the chimney.
- Replace component parts of the chimney and fireplace as specified by the professionals.
- Ensure all joints are properly engaged and the chimney is properly secured.

Table 1

CLEARANCE TO COMBUSTIBLES REQUIREMENTS	
DV-46DVA-GCL	3 IN.
Exhaust Vent Pipe	5 IN.

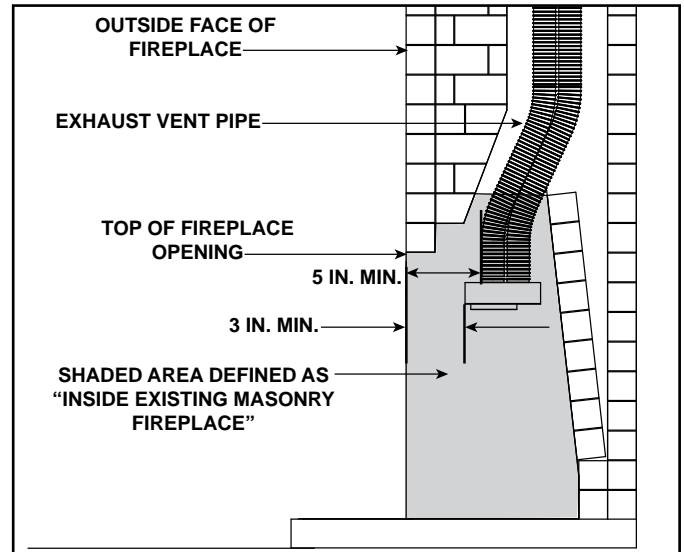


Figure 4.28 Existing Fireplace DV-46DVA-GCL Clearance Requirements

Clearances to Combustibles:

Refer to Section 3 and Section 10 for clearances to the appliance, mantel, mantel legs and wall projection.

Refer to Section 5 for pipe clearances to combustibles.

Termination Cap

For installation of termination cap see minimum vent heights for various pitched roofs. See Section 4.B.

Flue Damper

Fully lock the solid fuel fireplace's flue damper in the open position, OR completely remove it.

Venting Components

The LINK-DV30B is approved for use with the coaxial/colinear venting application. The LINK-DV30B kit includes:

- Two 30 foot sections of flexible vent pipe (3 inches Ø). One section is used to draw combustion air and the other section is used to expel exhaust gases.
- One vertical termination cap.

CAUTION! DO NOT use any flue restrictor when venting with the DV-46DVA-GCL adapter and LINK-DV30B kit. This could result in poor flame appearance, sooting, pilot malfunction, or overheating.

Connecting the DV-46DVA-GCL Adapter to Appliance

WARNING! Risk of Fire, Explosion or Asphyxiation!

Do NOT connect this gas appliance to a chimney flue serving a separate solid fuel or gas burning appliance.

- Could impair safe operation of this appliance or other appliances connected to the flue.
- Vent this appliance directly outside.
- Use separate vent system for this appliance.

Top Vent

- Remove top seal cap and insulation if equipped. See Section 6, "Appliance Preparation." Attach the DV-46DVA-GCL adapter to the appliance starting collar with 3-1/2 in. self-tapping screws. See Figure 4.29.

Rear Vent

- Remove the rear seal cap and insulation if equipped. Connect the DVP-2SL adapter to the vertically positioned elbow. Follow installation instructions included with DVP-2SL kit. Secure DV-46DVA-GCL adapter to DVP-2SL with 3-1/2 in. self-tapping screws. See Figure 4.29.

- Insert the two sections of flexible vent pipe down the existing chimney.
- Attach one 3 ft section of stainless steel flex pipe to the exhaust collar on top of the DV-46DVA-GCL adapter with three screws.
- Attach one section of flexible vent pipe to the 3 ft stainless steel flex pipe with three self-tapping screws.
- Attach one section of flexible vent pipe to the inlet collar on top of the DV-46DVA-GCL adapter with three self-tapping screws.
- To minimize cold air drafts, seal around the flex vents at the damper inside the chimney with non-combustible unfaced fiberglass or rock wool insulation.

The DV-46DVA-GCL adapter must be recessed into existing masonry fireplace. This measurement is taken from the top of the fireplace opening. See Table 1 and Figure 4.28.

Connecting the LINK-DV30B to the DV-46DVA-GCL adapter

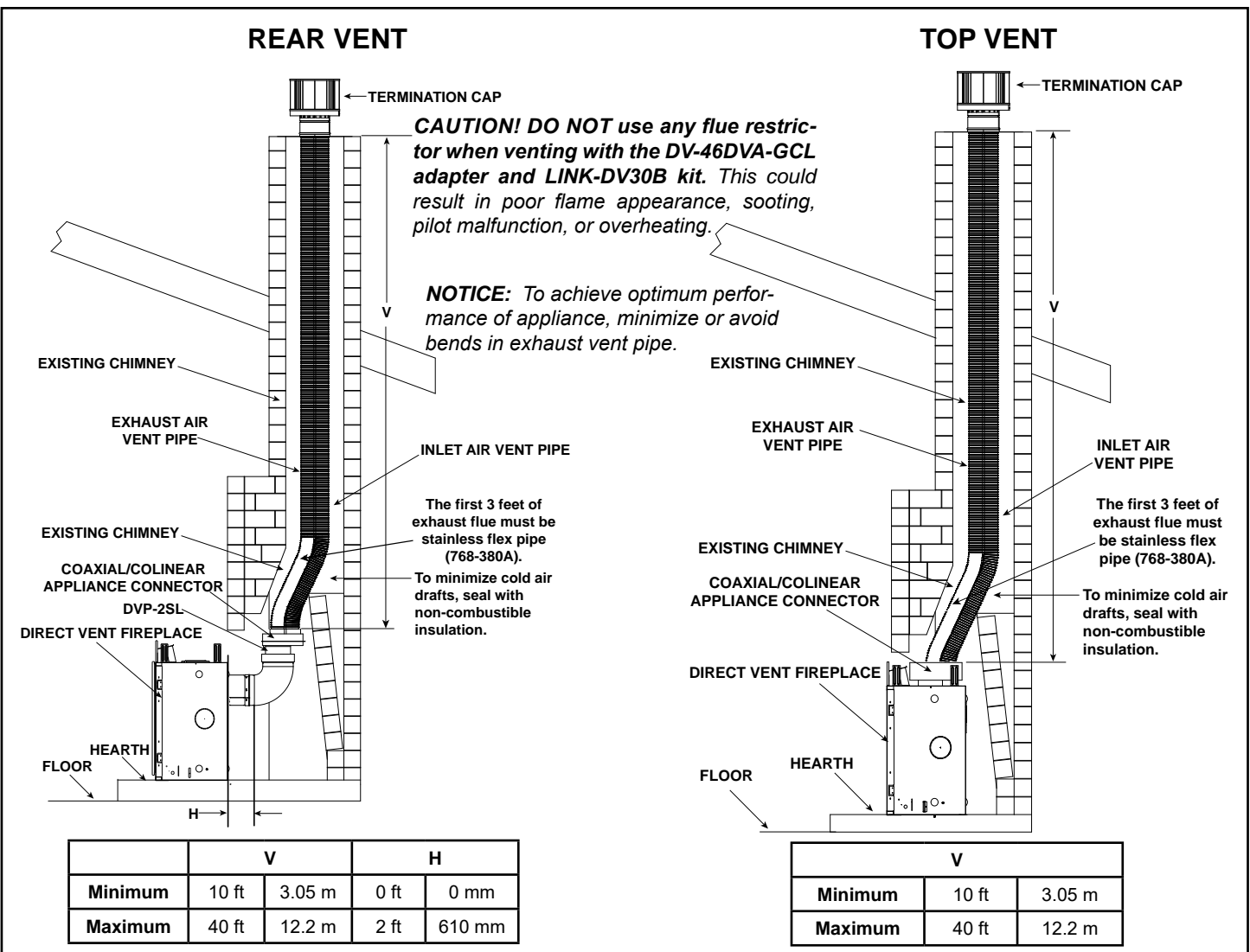


Figure 4.29

5 Vent Clearances and Vent Framing

A. Vent Clearances to Combustibles

WARNING! Risk of Fire! Maintain air space clearance to vent. DO NOT pack insulation or other combustibles:

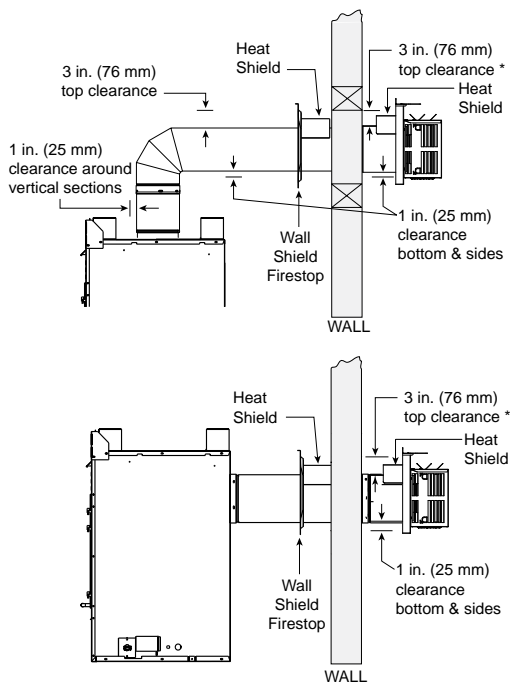
- Between ceiling firestops
- Between wall shield firestops
- Around vent system

Failure to keep insulation or other material away from vent pipe could cause overheating and fire.

Note: Heat shields MUST overlap by a minimum of 1-1/2 in. (38 mm).

- **DVP heat shield** - designed to be used on a wall 4 in. to 7-1/4 in. (102 mm to 184 mm) thick.
- If wall thickness is less than 4 in. the existing heat shields must be field trimmed. If wall thickness is greater than 7-1/4 in. a DVP-HSM-B will be required.
- **SLP heat shield** - designed to be used on a wall 4-3/8 in. to 7-5/8 in. (111 mm to 194 mm thick).
- If wall thickness is less than 4-3/8 the existing heat shields must be field trimmed. If wall thickness is greater than 7-5/8 in. a DVP-HSM-B will be required.

(DVP-SLP Pipe Shown)



* When using SLP pipe, minimum clearances from the vent pipe to combustible materials at inside wall firestops are:

Top:	2-1/2 in. (64 mm)
Bottom:	1/2 in. (13 mm)
Sides:	1 in. (25 mm)

Figure 5.1 Horizontal Venting Clearances To Combustible Materials

B. Wall Penetration Framing/Firestops

Combustible Wall Penetration

Whenever a combustible wall is penetrated, you must frame a hole for the wall shield firestop(s). The wall shield firestop maintains minimum clearances and prevents cold air infiltration.

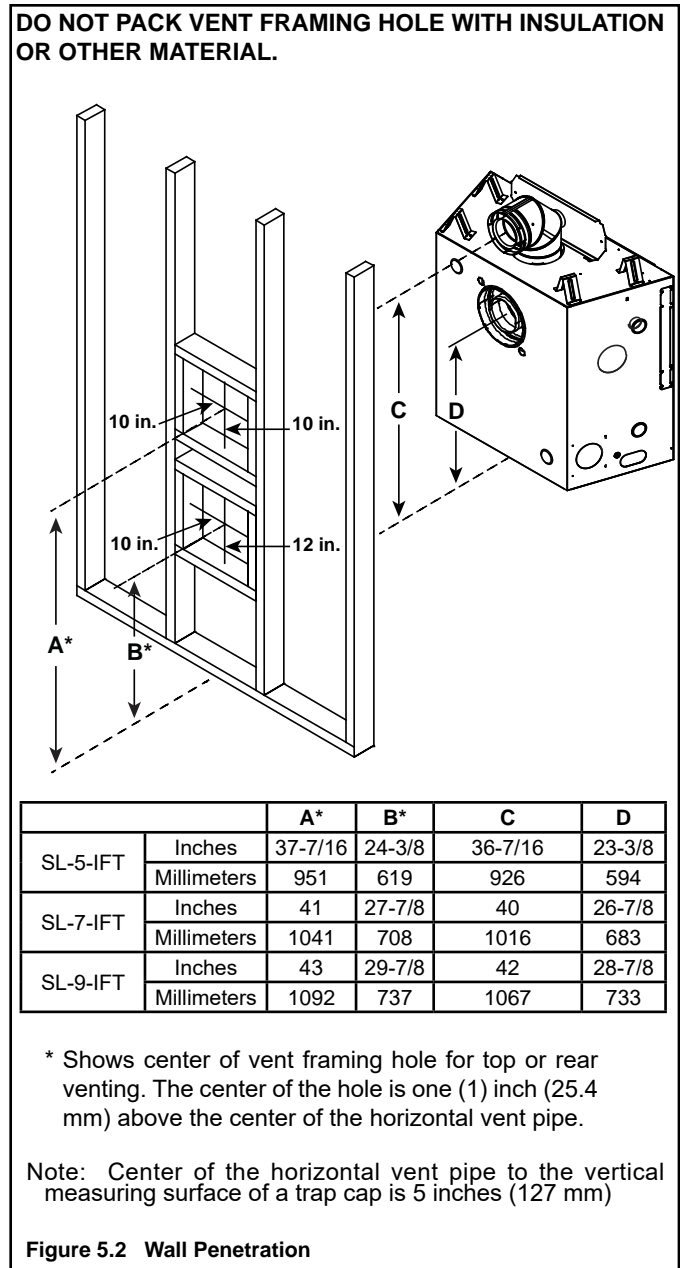
These clearances are maintained by using an SLP-WS (SLP pipe) or DVP-WS (DVP pipe). See Figure 5.2 for framing instructions.

- For external walls: The wall shield firestop is included with the termination cap assembly.
- For internal walls: A wall shield firestop must be purchased and installed.
- The opening must be framed on all four sides using the same size framing materials as those used in the wall construction.
- SLP pipe - A wall shield firestop must be placed on each side of an interior wall. A minimum 1-1/2 in. (38 mm) overlap of attached heat shields must be maintained.
- DVP pipe - A wall shield firestop is required on one side only on interior walls. If your local inspector requires a wall shield firestop on both sides, then both wall shield firestops must have a heat shield (refer to Section 12.A.) attached to them.
- See Section 7.F. for information for regarding the installation of a horizontal termination cap.

Non-Combustible Wall Penetration

If the hole being penetrated is surrounded by non-combustible materials such as concrete, a hole with diameter one inch greater than the pipe is acceptable.

Whenever a non-combustible wall is penetrated, the wall shield firestop is only required on one side and no heat shield is necessary.



C. Ceiling Firestop/Floor Penetration Framing

WARNING! Risk of Fire! DO NOT pack insulation around the vent. Maintain clearances to vent to prevent overheating.

A ceiling firestop **MUST** be used between floors and attics.

- **DVP pipe only** - Frame an opening 10 in. by 10 in. (254 mm by 254 mm) whenever the vent penetrates a ceiling/floor (see Figure 5.3).
- **SLP pipe only** - Frame opening 9 in. x 9 in. (229 mm x 229 mm) whenever the vent penetrates a ceiling/floor (see Figure 5.3).
- Frame the area with the same sized lumber as used in ceiling/floor joist.
- The ceiling firestop may be installed above or below the ceiling joists when installed with an attic insulation shield. It must be under joists between floors that are not insulated. Refer to Figure 5.4.
- Secure in place with nails or screws.

D. Install Attic Insulation Shield

WARNING! Fire Risk. The use of an attic shield is required to prevent loose materials or insulation from contacting the vent causing overheating and a fire.

The International Fuel Gas Code requires an attic shield constructed of 26 gauge minimum steel that extends at least 2 in. (51 mm) above insulation.

- Attic insulation shields must meet specified clearances to combustible materials and be secured in place.
- An attic insulation shield kit is available from Hearth & Home Technologies. Contact your dealer to order. Install attic insulation shield according to instructions included with kit.

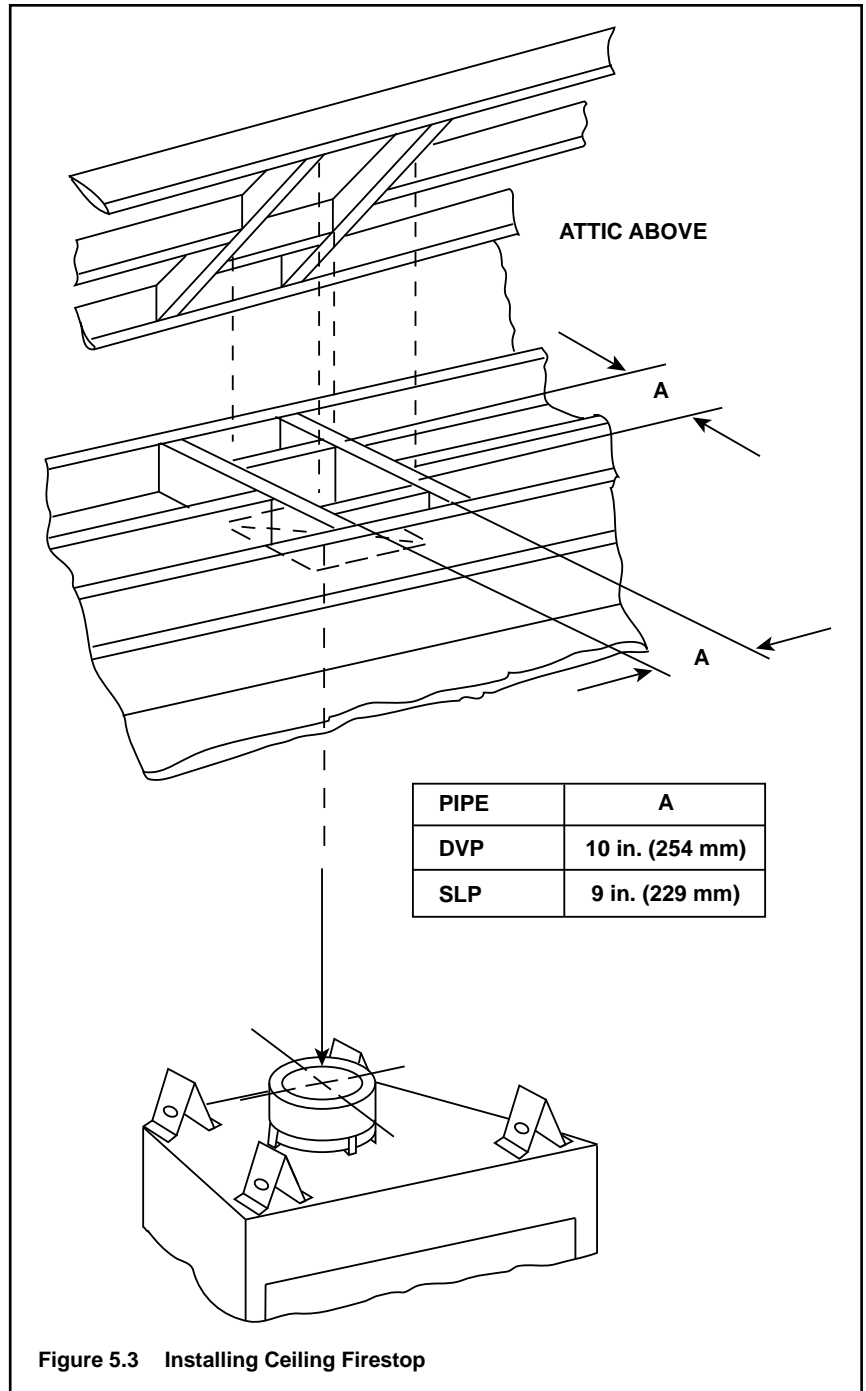


Figure 5.3 Installing Ceiling Firestop

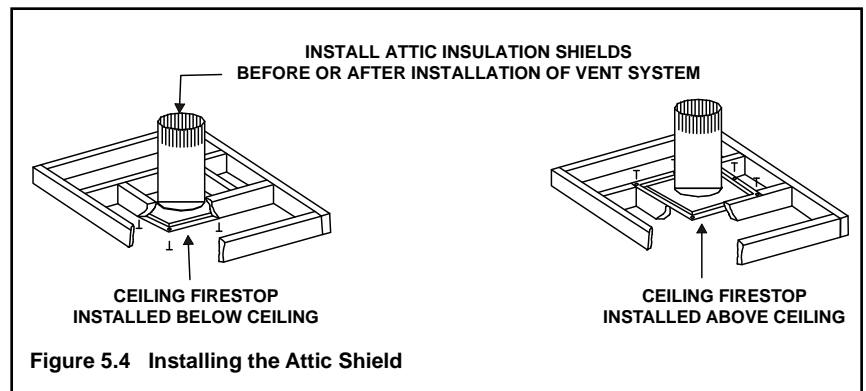


Figure 5.4 Installing the Attic Shield

6 Appliance Preparation

A. Vent Collar Preparation

CAUTION! Risk of Cuts, Abrasions or Flying Debris. Wear protective gloves and safety glasses during installation. Sheet metal edges are sharp.

NOTICE: Once appliance is set up for top or rear venting, it CANNOT be changed at a later time.

Note: Actual fireplace may look different than the fireplace shown in this section.

Top Vent

If a straight section of pipe is attached directly to the appliance starting collar, the elbow heat shield is not required. When installing a 90 degree elbow (SLP90) directly to the top of the appliance starting collar, the following additional provisions MUST be followed:

1. The elbow heat shield is not required if combustible materials, or combustible chases, are installed a minimum of 15 inches above the top of the appliance.
2. If the combustible materials are to be installed between 12 to 15 inches above the top of the appliance, the elbow heat shield is required. See Figure 6.2.

Top Vent - SLP-FLEX7 Series:

SLP-FLEX7 Series venting requires a minimum initial vertical requirement (V_1). Refer to the SLP-FLEX7 Series installation instructions for the minimum initial vertical requirements. The following provisions must be followed:

1. The elbow heat shield is not required if combustible materials, or combustible chases, are installed a minimum of 6 inches above the top of the elbow. See Figure 6.2.
2. If the combustible materials are to be installed between 3 inches and 6 inches above the top of the elbow, the elbow heat shield is required. See Figure 6.2.

For approved vent configurations, refer to the installation instructions included with the SLP-FLEX7 collar adapter (SLP-FLEX7-A).

Refer to Section 10.B for additional clearance to combustibles requirements.

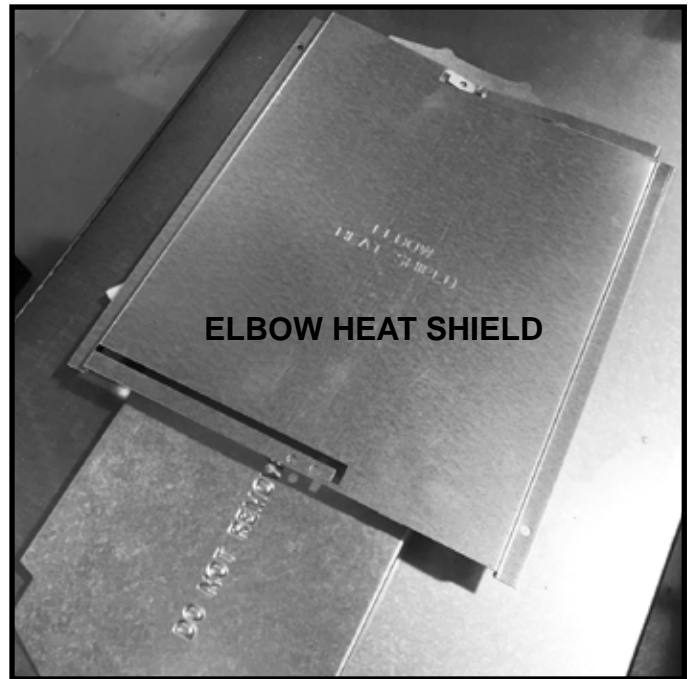


Figure 6.1 Elbow Heat Shield (Shown as Shipped)

WARNING! Risk of Fire! Elbow heat shield must be installed if required. Overheating will occur.

To Install Elbow Heat Shield:

1. Remove the elbow heat shield from the shipping position, shown in Figure 6.1, by removing screws.

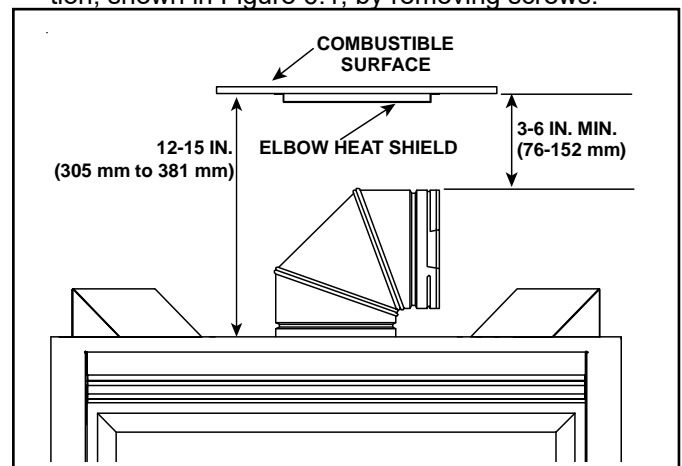


Figure 6.2 Elbow Heat Shield Installation Location

2. Fasten the shield in place using the four pilot holes. The shield should be oriented such that the 13 1/8 inch dimension (longest dimension) is running in the same direction the elbow is pointing. The shield should be centered directly above the elbow, and positioned so that it creates a 1/2 inch airspace between the shield and the combustible surface. See Figure 6.3.

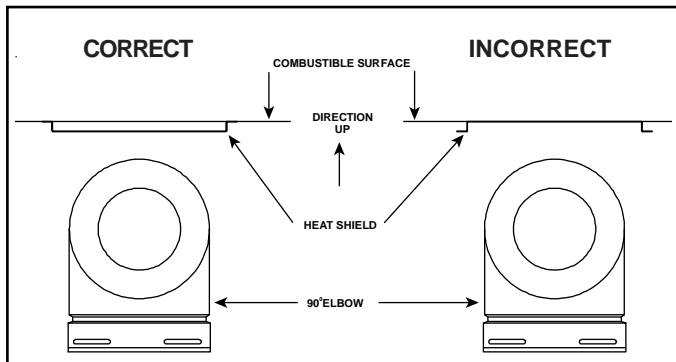


Figure 6.3

- If the combustable materials are not in place at the time of install the elbow heat shield may be screwed to the exhaust pipe. See Figure 6.4. Cut the tabs as shown and bend down. Secure the heat shield to the pipe maintaining 3" to 4" between the pipe and shield.
- Continue adding vent components, locking each succeeding component into place.
- 90° elbows may be installed and rotated to any point around the preceding component's vertical axis.
- Ensure that each succeeding vent component is securely fitted and locked into the preceding component in the vent system.
- 90° elbows may be installed and rotated to any point around the preceding component's vertical axis. If an elbow does not end up in a locked position with the preceding component, attach with a minimum of two (2) sheet metal screws.

WARNING! Risk of Fire! Do not remove heat shield. Elevated header temperatures may cause a fire.

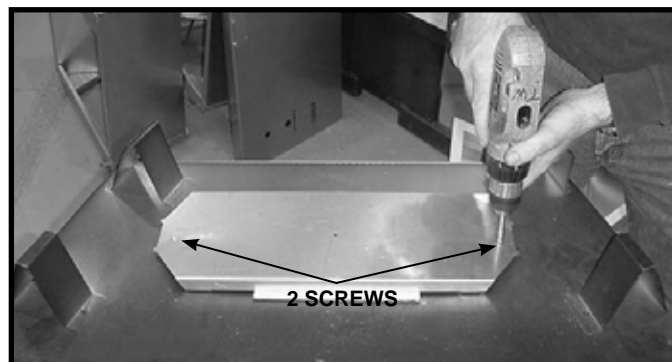


Figure 6.5 For top vent, remove the two screws holding the top heat shield in place. For rear vent, see Figures 6.12-6.16.



Figure 6.6 Rotate the top heat shield to the vertical position as shown above. The heat shield must remain in the vertical position.

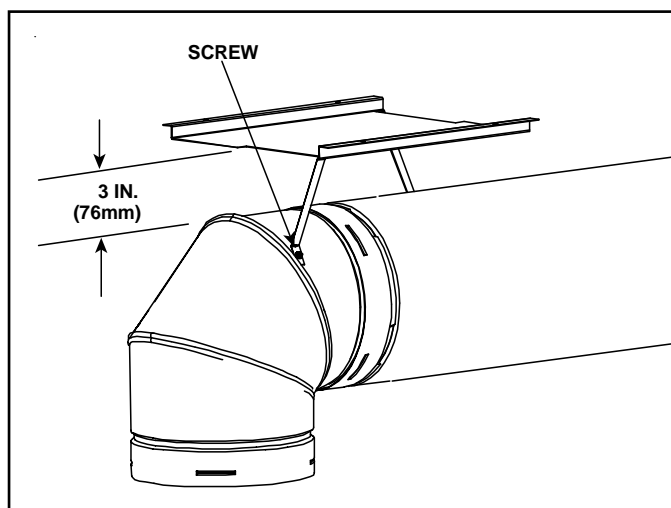


Figure 6.4 Elbow Heat Shield Installed

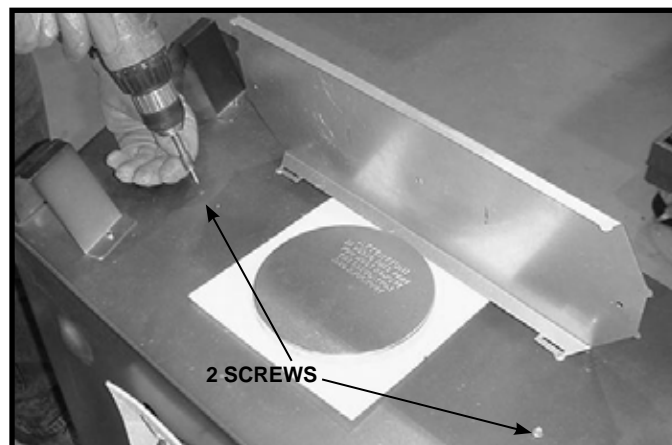


Figure 6.7 Replace the two screws as shown.

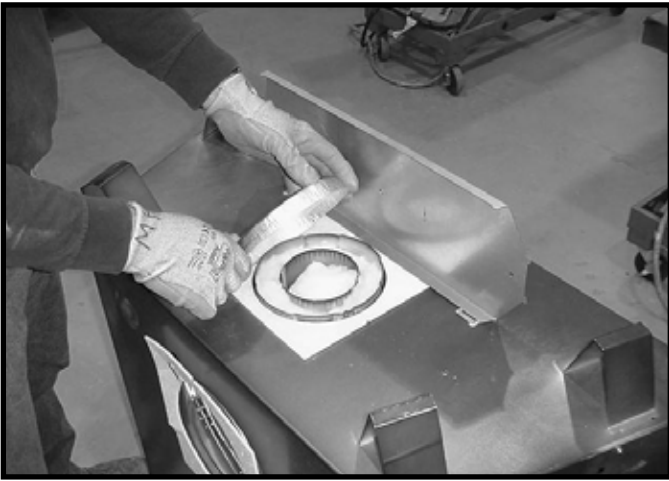


Figure 6.8 Remove the seal cap.

NOTICE: Once the seal cap has been removed it **CANNOT** be reattached.

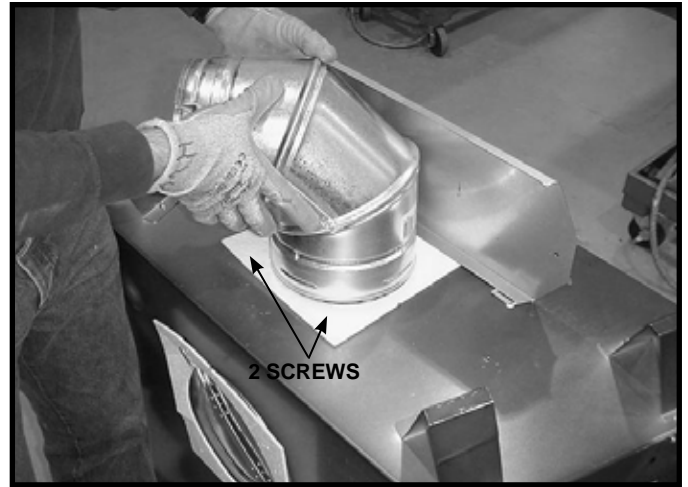


Figure 6.11 To attach the first section of vent pipe, make sure to use the fiberglass gasket to seal between the first vent component and the outer fireplace wrap. Use 2 self tapping screws to secure the gasket to the outer wrap.



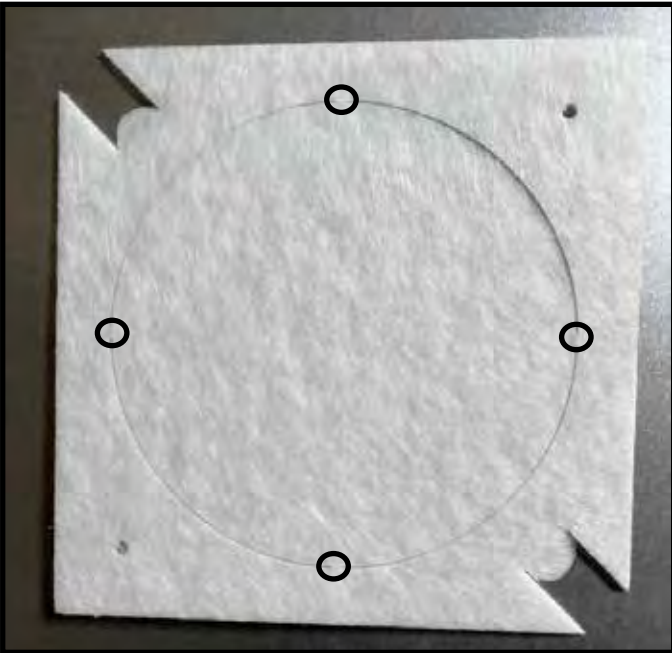
Figure 6.9 Remove the insulation basket and white insulation from the center vent pipe.



Figure 6.10 Remove the insulation from the outer vent pipe.

Rear Vent

NOTICE: Once appliance is set up for top or rear venting, it CANNOT be changed at a later time.



→ **Figure 6.12** Remove the insulation gasket.

Remove the center of the gasket by manually detaching at the 4 points shown in Figure 6.12. Discard the center of the gasket.

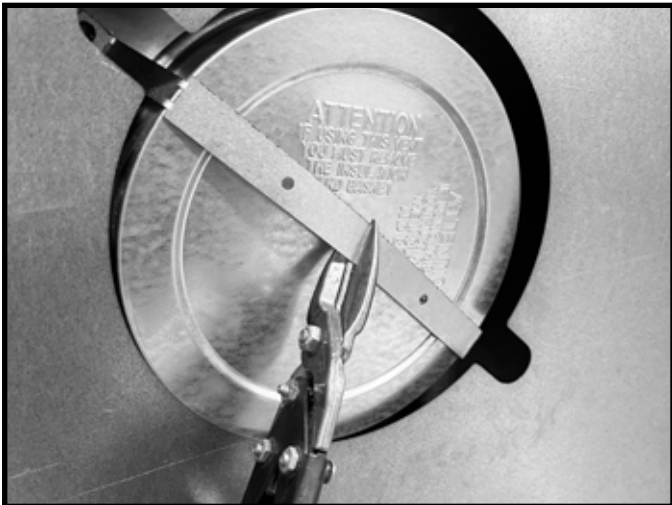


Figure 6.13 Cut the metal retaining band.



Figure 6.14 Fold the straps away from cap. Remove seal cap utilizing cutouts.

NOTICE: Once the seal cap has been removed it CANNOT be reattached.

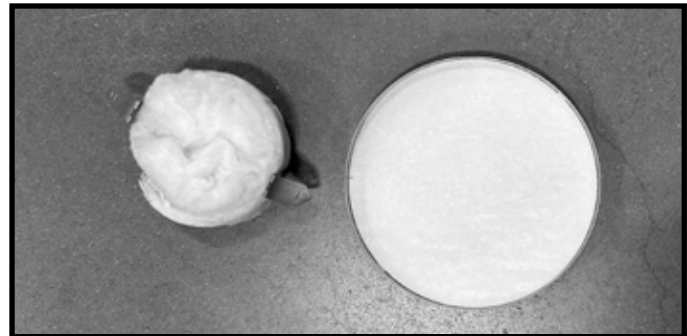


Figure 6.15 Discard the seal cap. Remove and discard the insulation basket.

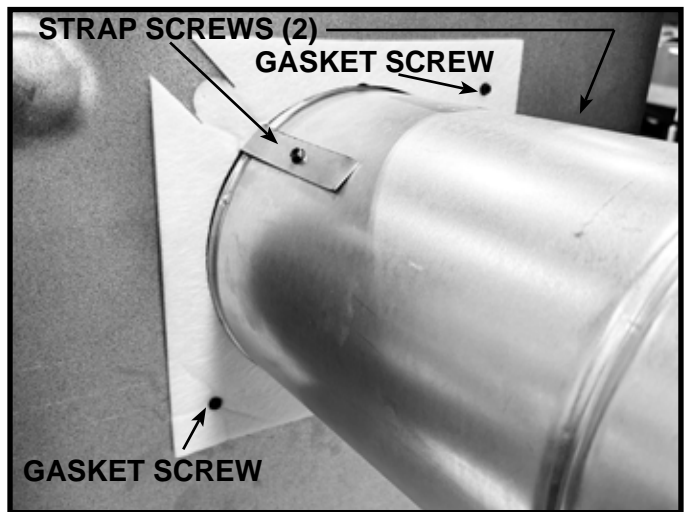


Figure 6.16 Attach the first vent section (it will snap into place). Slide the insulation gasket onto the vent section, up against the appliance. Use two self-tapping screws to secure the corners opposite the gasket tabs. Secure the first section of venting to the fireplace by screwing through the two strap ends left over from cutting the seal cap strap.

B. Prepare For Heat Management

NOTICE: Additional clearances are required for heat management systems installations. Provisions must be made in advance to ensure fit within the framing.

- Heat management systems include Heat-Zone®- Gas and Heat-Out-Gas. Contact your dealer for information.
- Locate the heat management ports on the left and right sides of the appliance. One or two Heat-Zones® or one Heat-Out-Gas kit may be installed. See Figure 6.17. Remove the knockouts from the appliance with a tin snips.
- Center the duct collar around the exposed hole and attach it to the appliance with 3 screws. Note: Do this BEFORE final positioning of the appliance.
- Determine the location for the air register/fan housing assembly.

Reference the instructions included in the heat management kit for the remaining installation steps.

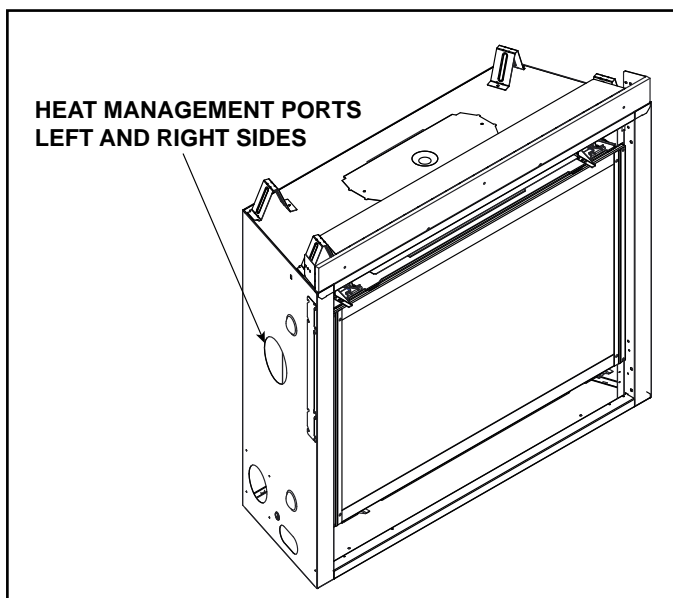


Figure 6.17 Heat Management Port Locations

C. Securing and Leveling the Appliance

⚠ WARNING



Risk of Fire!

Prevent contact with:

- Sagging or loose insulation
- Insulation backing or plastic
- Framing and other combustible materials

DO NOT remove standoffs or notch the framing around the appliance standoffs.

Failure to maintain air space clearance could cause overheating and fire.

Block openings into the chase to prevent entry of blown-in insulation. Make sure insulation and other materials are secured.

The diagram shows how to properly position and secure the appliance. See Figure 6.18. Nailing tabs are provided to secure the appliance to the framing members.

- Bend out nailing tabs on each side.
- Place the appliance into position.
- Keep nailing tabs flush with the framing.
- Level the appliance from side to side and front to back.
- Shim the appliance as necessary. It is acceptable to use wood shims underneath the appliance.
- Secure the appliance to the framing by using nails or screws through the nailing tabs. Use a minimum of one fastener per nailing tab.
- Optional: Secure the appliance to the floor by inserting two screws through the pilot holes at the bottom of the appliance.

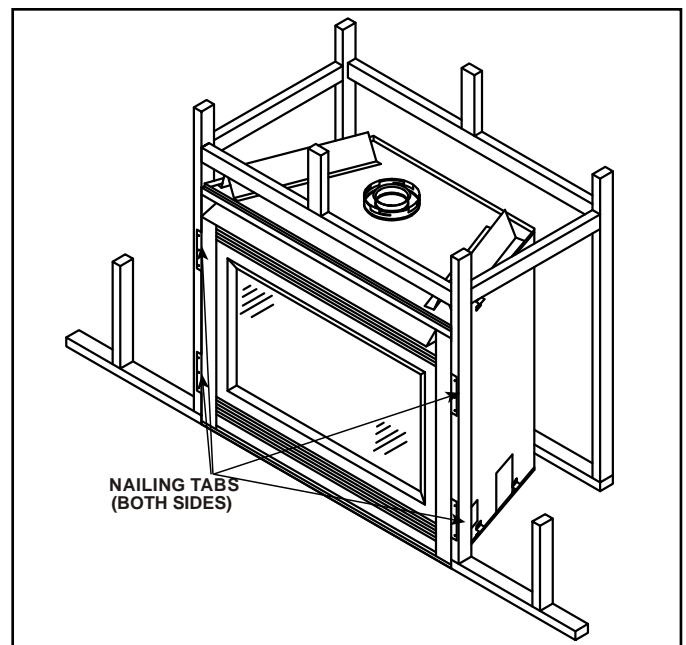


Figure 6.18 Proper Positioning and Securing of an Appliance

7 Venting

A. Assemble Vent Sections (DVP Pipe Only)

WARNING! Risk of Fire or Explosion! Vent sections **MUST** be installed correctly. Improperly installed vent sections could leak or cause appliance to overheat.

Attach Vent to the Firebox Assembly Note: The end of the pipe sections with the lanced tabs will face toward the appliance.

Attach the first pipe section to the starting collar:

- Lanced pipe end of the starting collar.
- Inner pipe over inner collar.
- Push the pipe section until all lanced tabs snap in place.
- Lightly tug on pipe to confirm it has locked.

Requirement for Commercial, Multi-family (Multi-level exceeding two stories), or High-Rise Applications

WARNING! Risk of Fire or Explosion! DO NOT break silicone seals on slip sections. Use care when removing termination cap from slip pipe. If slip section seals are broken during removal of the termination cap, vent could leak.

All outer pipe joints must be sealed using one of the methods below, including the slip section that connects directly to the horizontal termination cap.

- Apply a bead of silicone sealant (300 °F minimum continuous exposure rating) inside the female outer pipe joint prior to joining sections. See Figure 7.1 **OR**

Apply a bead of silicone sealant (300 °F minimum continuous exposure rating) to the outside of connecting joint after joining sections **OR**

Apply aluminum foil tape (300 °F minimum continuous exposure rating) to the outside of connecting joint after joining sections. On horizontal pipe runs, it is recommended that the tape seam is positioned on the bottom side of the vent pipe.

- Only outer pipes need to be sealed. All unit collar, pipe, slip section, elbow and cap outer flues shall be sealed in this manner, unless otherwise stated.

Assemble Pipe Sections

Per Figure 7.2:

- Start the inner pipe on the lanced end of section A into the flared end of section B.
- Start the outer pipe of section A over the outer pipe of section B.
- Once both vents sections are started, push firmly until all lanced tabs lock into place.
- Lightly tug on the pipe to confirm the tabs have locked.

It is acceptable to use screws no longer than 1/2 in. (13 mm) to hold outer pipe sections together. If predrilling holes, **DO NOT** penetrate inner pipe.

For 90° and 45° elbows that are changing the vent direction

from horizontal to vertical, one screw minimum should be put in the outer flue at the horizontal elbow joint to prevent the elbow from rotating. Use screws no longer than 1/2 in. (13 mm). If predrilling screw holes, **DO NOT** penetrate inner pipe.



Figure 7.1 High Temperature Silicone Sealant

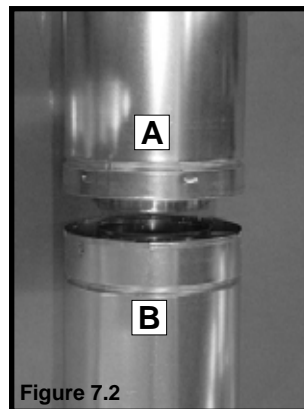


Figure 7.2

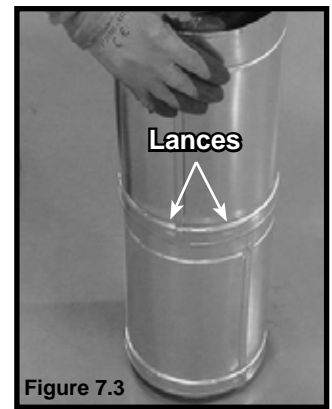
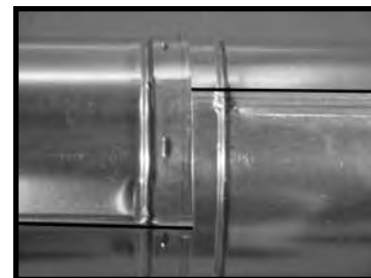


Figure 7.3

Note: Make sure that the seams are not aligned to prevent unintentional disconnection.



CORRECT

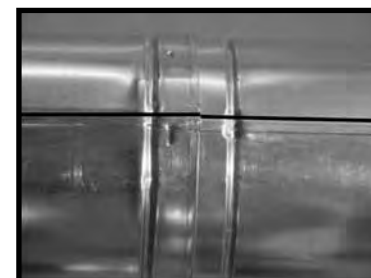


Figure 7.4 Seams INCORRECT

NOTICE: When installing a vent system with an HRC termination cap, all pipe system joints shall be sealed using a high temperature silicone sealant (300 °F minimum continuous exposure rating).

- Apply a bead of silicone sealant (300 °F minimum continuous exposure rating) inside the female outer pipe joint prior to joining sections.
- Only outer pipes are sealed, sealing the inner flue is not required.
- All unit collar, pipe, slip section, elbow and cap outer flues shall be sealed.

Assemble Vent Sections (SLP Only)

WARNING! Risk of Fire or Explosion! Vent sections **MUST** be installed correctly. Improperly installed vent sections could leak or cause appliance to overheat.

To attach the first vent component to the starting collars of the appliance:

- Lock the vent components into place by sliding the pipe section onto the collar.
- Align the seam of the pipe and seam of collar to allow engagement. Rotate the vent component to lock into place. Use this procedure for all vent components. See Figure 7.5.
- Slide the gasket over the first vent section and place it flush to the appliance. This will prevent cold air infiltration. Caulk with a minimum of 300 °F continuous exposure rating may be used to hold the part in place.
- Continue adding vent components, locking each succeeding component into place.
- Ensure that each succeeding vent component is securely fitted and locked into the preceding component.

It is acceptable to use screws no longer than 1/2 in. (13 mm) to hold outer pipe sections together. If predrilling holes, **DO NOT** penetrate inner pipe.

Requirement for Commercial, Multi-family (Multi-level exceeding two stories), or High-Rise Applications

All outer pipe joints must be sealed using one of the methods below, including the slip section that connects directly to the horizontal termination cap.

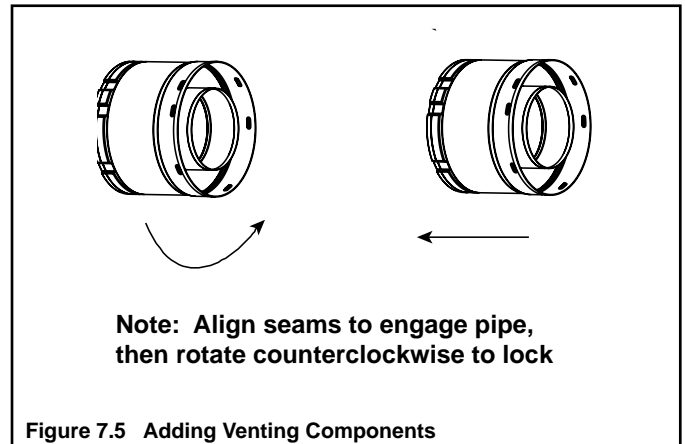
- Apply a bead of silicone sealant (300 °F minimum continuous exposure rating) inside the female outer pipe joint prior to joining sections. See Figure 7.1 **OR**

Apply a bead of silicone sealant (300 °F minimum continuous exposure rating) to the outside of connecting joint after joining sections **OR**

Apply aluminum foil tape (300 °F minimum continuous exposure rating) to the outside of connecting joint after joining sections. On horizontal pipe runs, it is recommended that the tape seam is positioned on the bottom side of the vent pipe.

- Only outer pipes need to be sealed. All unit collar, pipe, slip section, elbow and cap outer flues shall be sealed in this manner, unless otherwise stated.

WARNING! Risk of Fire or Explosion! DO NOT break silicone seals on slip sections. Use care when removing termination cap from slip pipe. If slip section seals are broken during removal of the termination cap, vent could leak.



NOTICE: When installing a vent system with an HRC termination cap, all pipe system joints shall be sealed using a high temperature silicone sealant (300 °F minimum continuous exposure rating).

- Apply a bead of silicone sealant (300 °F minimum continuous exposure rating) inside the female outer pipe joint prior to joining sections.
- Only outer pipes are sealed, sealing the inner flue is not required.
- All unit collar, pipe, slip section, elbow and cap outer flues shall be sealed.

B. Assemble Slip Sections

- Slide the inner flue of the slip section into the inner flue of the pipe section and the outer flue of the slip section over the outer flue of the pipe section. See Figure 7.6.
- Slide together to the desired length.

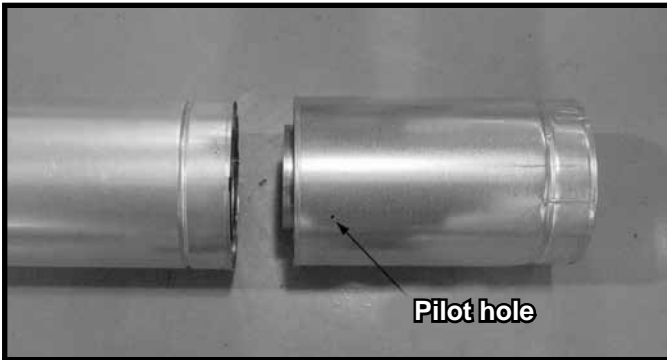


Figure 7.6 Slip Section Pilot Holes

- Maintain a 1-1/2 in. (38 mm) overlap between the slip section and the pipe section.
- Secure the pipe and slip section with two screws no longer than 1/2 in. (13 mm), using the pilot holes in the slip section. See Figure 7.7.

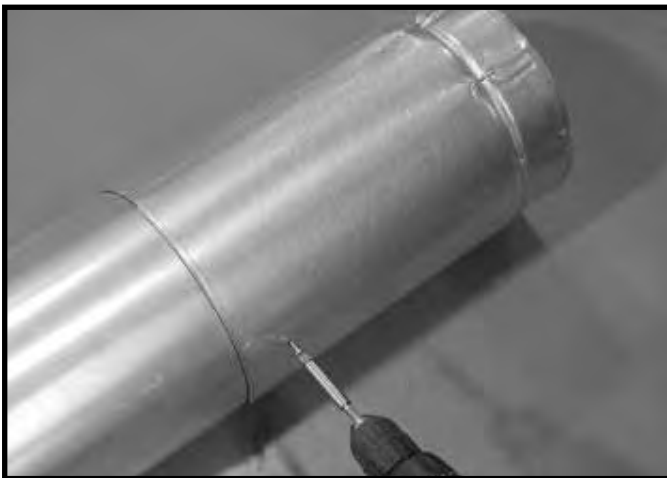


Figure 7.7 Screws into Slip Section

- Continue adding pipe as necessary following instructions in "Assembling Pipe Sections."

NOTICE: If slip section is too long, the inner and outer flues of the slip section can be cut to the desired length.

C. Secure the Vent Sections

WARNING! Risk of Fire, Explosion or Asphyxiation! Improper support could allow vent to sag and separate. Use vent run supports and connect vent sections per installation instructions. **DO NOT** allow vent to sag below connection point to appliance.

- Vertical runs originating off the top of the appliance, with no offsets, must be supported every 8 feet (2.44 m) after the maximum allowed 25 feet (7.62 m) of unsupported rise.
- Vertical runs originating off the rear of the appliance, or after any elbow, must be supported every 8 feet (2.44 m).
- Horizontal runs must be supported every 5 feet (1.52 m).
- Vent supports or plumbers strap (spaced 120° apart) may be used to support vent sections. See Figures 7.8 and 7.9.
- Wall shield firestops may be used to provide horizontal support to vent sections.
- SLP ceiling firestops have tabs that may be used to provide vertical support.

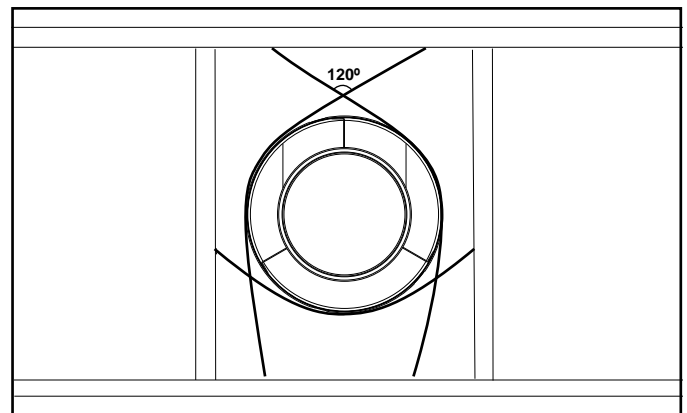


Figure 7.8 Securing Vertical Pipe Sections

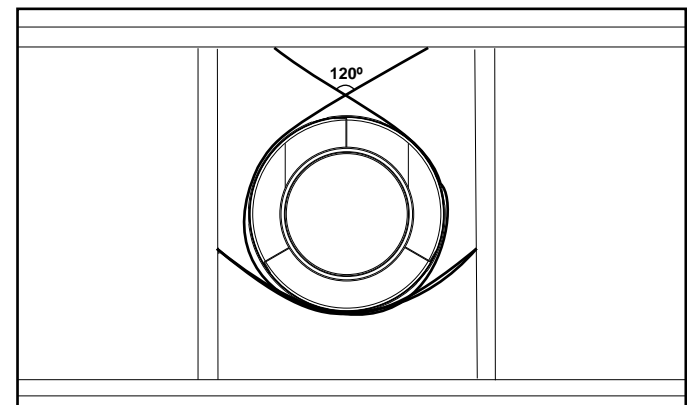


Figure 7.9 Securing Horizontal Pipe Sections

D. Disassemble Vent Sections

- Rotate either section (see Figure 7.10) so the seams on both pipe sections are aligned as shown in Figure 7.11.
- Pull carefully to separate the pieces of pipe.

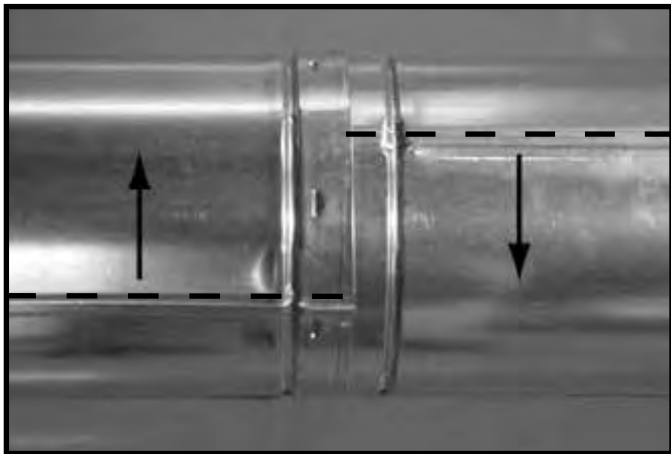


Figure 7.10 Rotate Seams for Disassembly

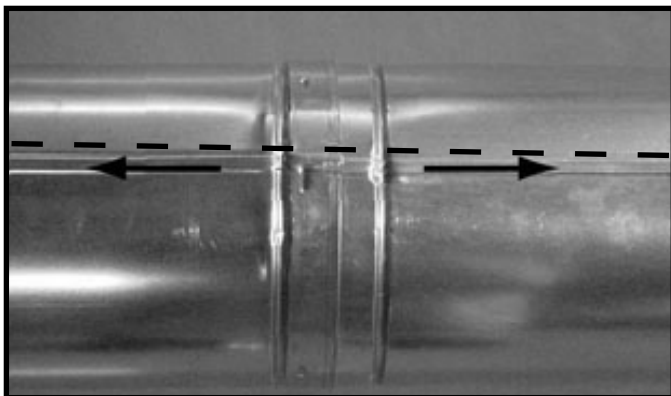


Figure 7.11 Align and Disassemble Vent Sections

E. Vertical Termination Requirements

Install and Seal Metal Roof Flashing

- See minimum vent heights for various pitched roofs (Section 4, Figure 4.1) to determine the length of pipe to extend through the roof.
- Slide the roof flashing over the pipe sections extending through the roof as shown in Figure 7.12.
- Use an elastomeric or silicone sealant with a minimum of 150 °F temperature rating to seal the metal roof flashing.

Note: When installing a silicone or EPDM pipe flashing boot on a metal roof, it is recommended to put a bead of 100% silicone sealant where the boot contacts the vent pipe to prevent the entry of water. Follow the manufacturer's recommendations when installing the boot.

NOTICE: Failure to properly-seal the roof flashing and pipe seams could permit entry of water.

- Seal the gap between the roof flashing and the outside diameter of the pipe.
- Seal the perimeter of the flashing where it contacts the roof surface. See Figure 7.12.
- Seal the exposed pipe section seams that are located above the roof.

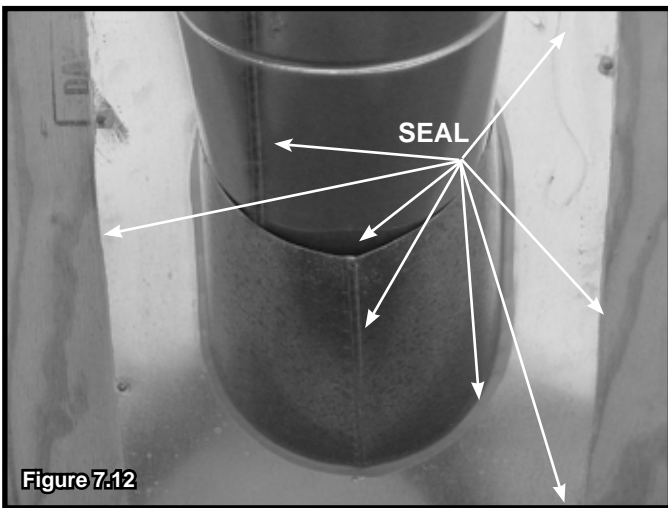


Figure 7.12

Assemble and Install Storm Collar

CAUTION! Risk of Cuts, Abrasions or Flying Debris. Wear protective gloves and safety glasses during installation. Sheet metal edges are sharp.

- Slide the storm collar onto the exposed pipe section and align brackets.
- Insert a bolt (provided) through the brackets and install nut. Do not completely tighten.



Figure 7.13 Insert Bolt into Brackets

- Slide the assembled storm collar down the pipe section until it rests on the roof flashing. See Figure 7.13.
- Tighten nut and make sure the collar is tight against the pipe section.
- Seal around the top of the storm collar. See Figure 7.14.

Install Vertical Termination Cap

- Attach the vertical termination cap by sliding the inner collar of the cap into the inner flue of the pipe section while placing the outer collar of the cap over the outer flue of the pipe section.
- Secure the cap by driving three self-tapping screws (supplied) through the pilot holes in the outer collar of the cap into the outer flue of the pipe. See Figure 7.14.

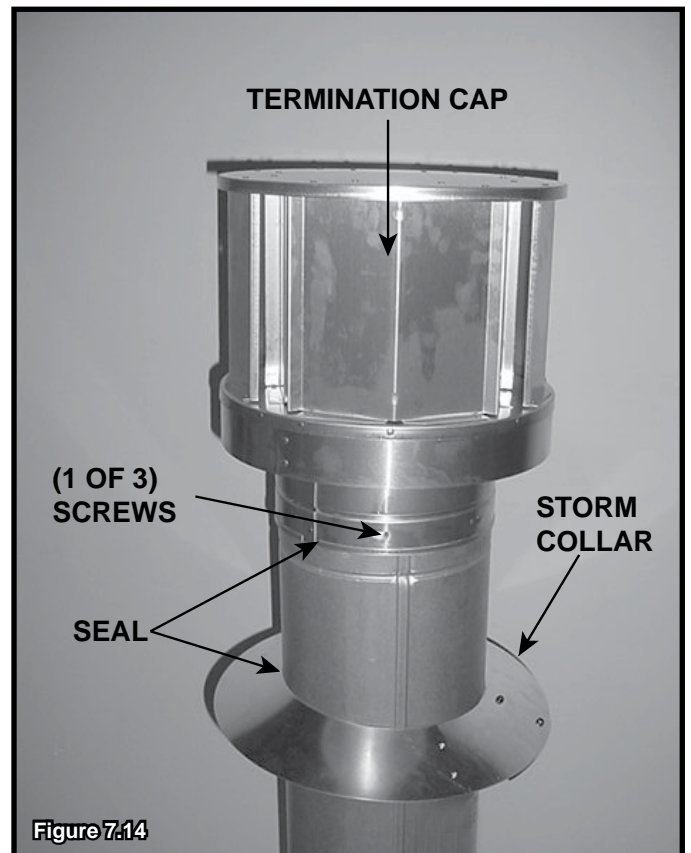


Figure 7.14

F. Horizontal Termination Requirements

Heat Shield Requirements for Horizontal Termination

WARNING! Risk of Fire! To prevent overheating and fire, heat shields must extend through the entire wall thickness.

- **DO NOT** remove the heat shields attached to the wall shield firestop and the horizontal termination cap (shown in Figure 7.15).
- Heat shields must overlap 1-1/2 in. (38 mm) minimum.

There are two sections of the heat shield. One section is factory-attached to the wall shield firestop. The other section is factory-attached to the cap. See Figure 7.15.

If the wall thickness does not allow the required 1-1/2 in. (38 mm) heat shield overlap when installed, an extended heat shield must be used.

- If the wall thickness is less than 4 in./102 mm (DVP) or 4-3/8 in./ 111 mm (SLP), the heat shields on the cap and wall shield firestop must be trimmed. A minimum 1-1/2 in. (38 mm) overlap **MUST** be maintained.
- Use an extended heat shield if the finished wall thickness is greater than 7-1/4 in. (184 mm).
- The extended heat shield may need to be cut to length maintaining sufficient length for a 1-1/2 in. (38 mm) overlap between heat shields.
- Attach the extended heat shield to either of the existing heat shields using the screws supplied with the extended heat shield. Refer to vent components diagrams in the back of this manual.
- Rest the small leg on the extended heat shield on top of the pipe section to properly space it from the pipe section.

Important Notice: Heat shields may not be field constructed.

Install Horizontal Termination Cap (DVP and SLP Pipe)

WARNING! Risk of Fire! The telescoping flue section of the termination cap **MUST** be used when connecting vent.

- 1-1/2 (38 mm) minimum overlap of flue telescoping section is required.

Failure to maintain overlap could cause overheating and fire.

- Vent termination must not be recessed in the wall. Siding may be brought to the edge of the cap base.
- Flash and seal as appropriate for siding material at outside edges of cap.
- When installing a horizontal termination cap, follow the cap location guidelines as prescribed by current **ANSI Z223.1** and **CAN/CGA-B149** installation codes and refer to Section 4 of this manual.

CAUTION! Risk of Burns! Local codes may require installation of a cap shield to prevent anything or anyone from touching the hot cap.

NOTICE: For certain exposures which require superior resistance to wind-driven rain penetration, a flashing kit and HRC caps are available. When penetrating a brick wall, a brick extension kit is available for framing the brick.

Note: When using termination caps with factory-supplied heat shield attached, no additional wall shield firestop is required on the exterior side of a combustible wall.

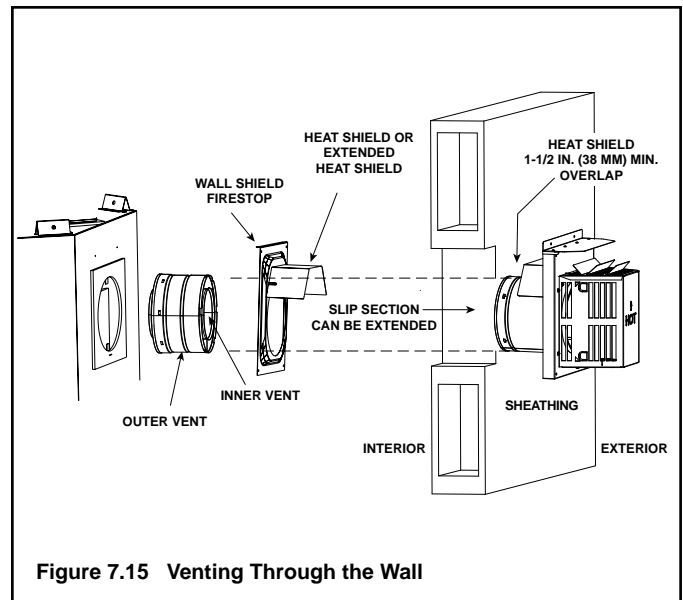


Figure 7.15 Venting Through the Wall

8 Electrical Information

A. General Information

WARNING! Risk of Shock! DO NOT wire 110-120 VAC to the ignition module or to the appliance wall switch. (IPI)

Incorrect wiring will damage controls.

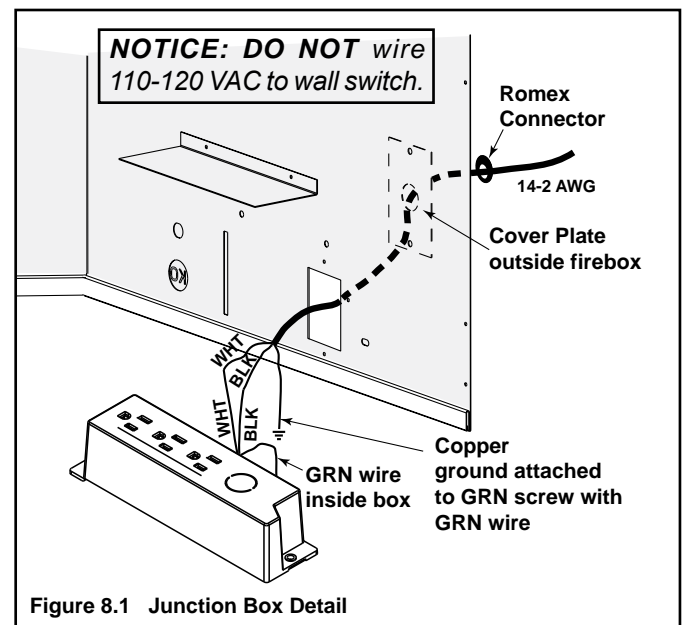
NOTICE: This appliance must be electrically wired and grounded in accordance with local codes or, in the absence of local codes, with **National Electric Code ANSI/NFPA 70-latest edition** or the **Canadian Electric Code CSA C22.1**.

- Wire the appliance circuit using a minimum 14-2 AWG with ground to unswitched 110-120 VAC. This is required for proper operation of the appliance (IntelliFire® ignition).
- A 110-120 VAC circuit for this product must be protected with ground-fault circuit interrupter protection, in compliance with the applicable electrical codes, when it is installed in locations such as in bathrooms or near sinks.
- Low voltage and 110-120 VAC voltage cannot be shared within the same wall box.
- In some instances, the spark ignition of the fireplace may cause intermittent, non-damaging, interference during the lighting sequence with a TV plugged into the same circuit. It is recommended that the fireplace and TV use different circuits to mitigate the interference potential. If interference is occurring on the same circuit, the use of surge protectors may help alleviate the interference.

Junction Box Wiring

If the box is being wired from the **INSIDE** of the appliance:

- Remove the screw attaching the junction box/receptacle to the outer shell, rotate the junction box inward to disengage it from the outer shell. See Figure 8.1.
- Pull the electrical wires from outside the appliance through the opening into the valve compartment and secure wires with a Romex connector. See Figure 8.1.
- Make all necessary wire connections to the junction box/receptacle and reattach the junction box/receptacle to the outer shell.



Accessories Requirements

- This appliance may be used with a wall switch, wall mounted thermostat and/or a remote control.

Wiring for optional Hearth & Home Technologies approved accessories should be done now to avoid reconstruction. Follow instructions that come with those accessories.

Electrical Service and Repair

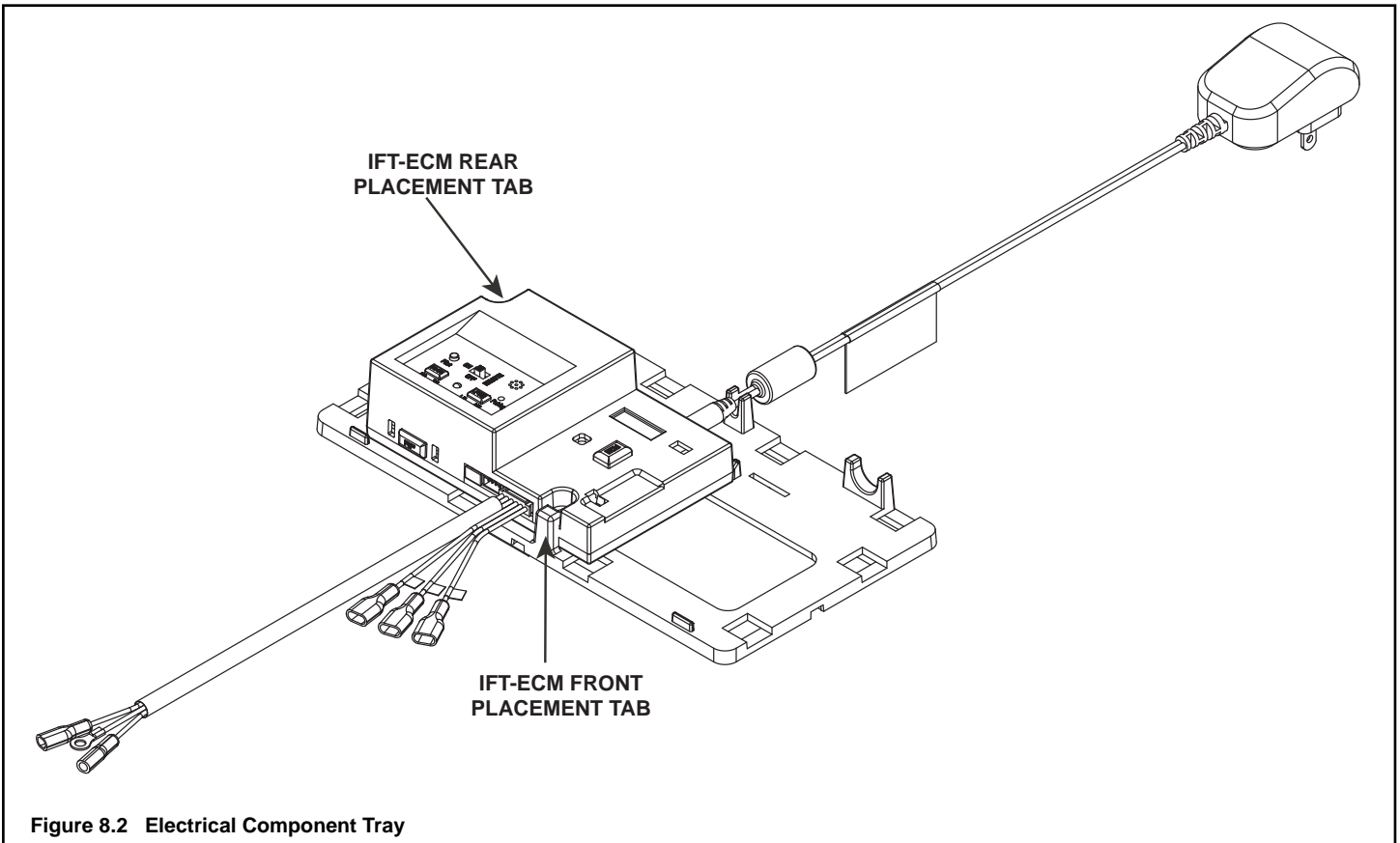
WARNING! Risk of Shock! Label all wires prior to disconnection when servicing controls. Wiring errors could cause improper and dangerous operation. Verify proper operation after servicing.

WARNING! Risk of Shock! Replace damaged wire with type 105° C rated wire. Wire must have high temperature insulation.

Component Tray

The electrical components are installed on the component tray. If it becomes necessary to remove the components, use the information in Figure 8.2 to remove them and reinstall them correctly on the component tray.

The IFT-ECM is held in position by two placement tabs (front and rear) on the component tray. To remove the IFT-ECM, bend the front or rear placement tab back slightly and tip the IFT-ECM to disengage it from the placement tabs. To reinstall the IFT-ECM on the component tray, engage the front placement tab first.



B. Wiring Requirements

IntelliFire Touch® Ignition System Wiring

- Wire the appliance junction box to 110-120 VAC for proper operation of the appliance.

WARNING! Risk of Shock or Explosion! DO NOT wire IPI controlled appliance junction box to a switched circuit. Incorrect wiring will override IPI safety lockout.

- Refer to Figure 8.3 IntelliFire Touch (IFT) Wiring Diagram.
- This appliance is equipped with an IntelliFire control valve which operates on a 6 volt system.
- Plug the 6 volt transformer plug into the appliance junction box to supply power to the appliance OR install 4 AA cell batteries (not included) into the battery pack before use.

NOTICE: Batteries should only be used as a power source in the event of an emergency power outage. Batteries should not be used as a primary long-term power source. Batteries tend to corrode over time. When using batteries as a power source, the 6 volt transformer must be unplugged from the receptacle.

Do not store batteries in the battery pack when the appliance is powered by the 6 volt transformer connected to permanent electrical service.

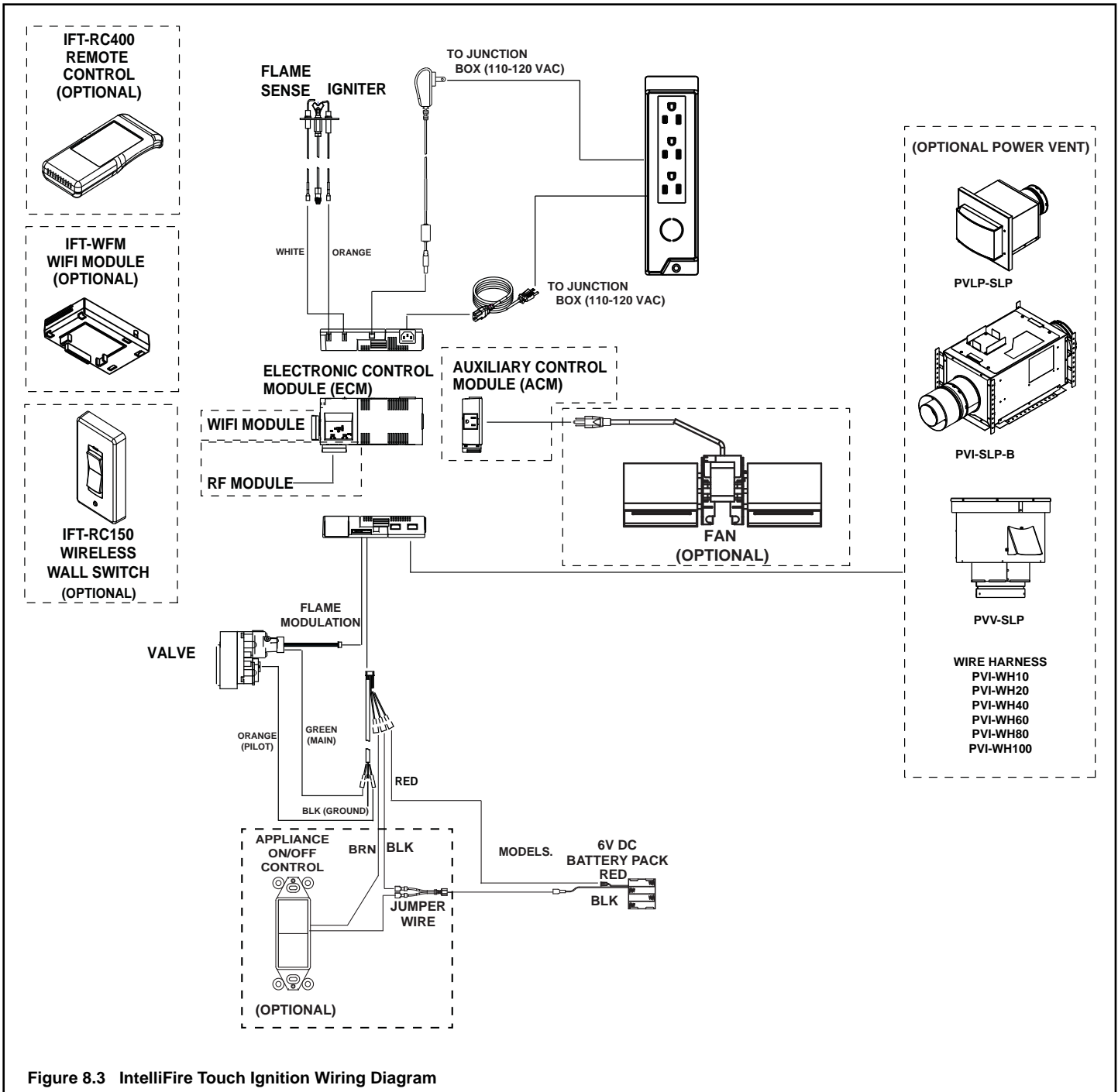
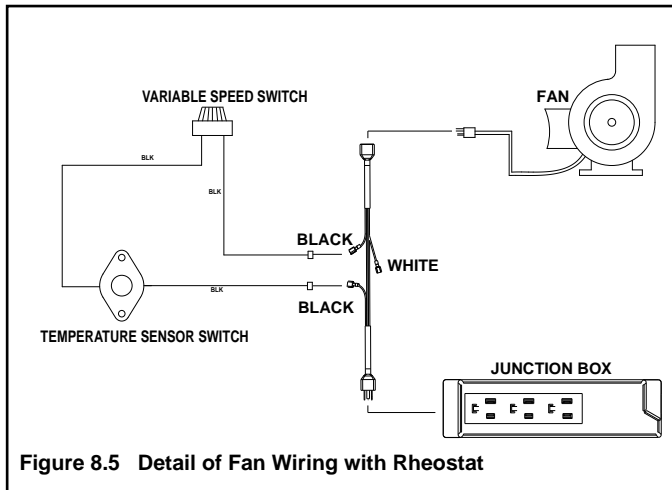
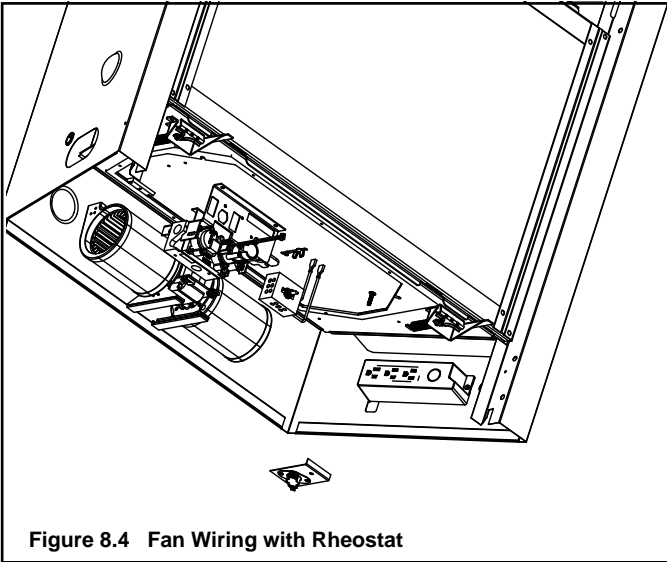


Figure 8.3 IntelliFire Touch Ignition Wiring Diagram

Temperature Sensor Wiring for Fan (Optional)

If the fan will not be installed for operation with a wall switch, the temperature sensor will need to be installed. See Figure 8.5 for location of the temperature sensor and fan control.

- The power supply for the appliance must be brought into the junction box.
- Install rheostat in location as seen in Figure 8.4.
- Connect temperature sensor switch wire and rheostat switch wires to junction box as shown in Figure 8.5.





9 Gas Information

A. Fuel Conversion

- Make sure the appliance is compatible with available gas types.
- Conversions must be made by a qualified service technician using Hearth & Home Technologies specified and approved parts.

B. Gas Pressure

⚠ WARNING	
	<p>Fire Risk. Risk of Fire! Risk of Explosion! Incorrect pressure will damage valve.</p> <ul style="list-style-type: none"> • Isolate gas supply piping BEFORE pressure testing gas line at test pressures above 1/2 psig. • Close the manual shutoff valve BEFORE pressure testing gas line at test pressures equal to or less than 1/2 psig.
	

- Optimum appliance performance requires proper input pressures.
- Gas line sizing requirements will be determined in ANSI Z223.1 National Fuel Gas Code in the USA and CAN/CGA B149 in Canada.
- Pressure requirements when in operation are:

Gas Pressure	Natural Gas	Propane
Minimum inlet pressure	5.0 in. w.c.	11.0 in. w.c.
Maximum inlet pressure	10.0 in. w.c.	13.0 in. w.c.
Manifold pressure	3.5 in. w.c.	10.0 in. w.c.

- Verify inlet pressures. Verify minimum pressures when other household gas appliances are operating.
- Install regulator upstream of valve if line pressure is greater than 1/2 psig.

Note: Have the gas supply line installed in accordance with local codes, if any. If not, follow ANSI Z223.1. Installation should be done by a qualified installer approved and/or licensed as required by the locality. (In the Commonwealth of Massachusetts installation must be performed by a licensed plumber or gas fitter).

Note: A listed (and Commonwealth of Massachusetts approved) 1/2 in. (13 mm) T-handle manual shut-off valve and flexible gas connector are connected to the 1/2 in. (13 mm) control valve inlet.

- **If substituting for these components, please consult local codes for compliance.**

C. Gas Connection

- Refer to Section 3 for location of gas line access in appliance.
- Gas line may be run through knockout(s) provided.
- The gap between supply piping and gas access hole may be sealed with caulk or aluminum foil tape with a minimum of 300 °F continuous exposure rating or stuffed with non-combustible, unfaced insulation to prevent cold air infiltration.
- Ensure that gas line does not come in contact with outer wrap of the appliance. Follow local codes.
- Pipe incoming gas line into valve compartment.
- Connect incoming gas line to the 1/2 in. (13 mm) NPT connection on manual shutoff valve.

WARNING! Risk of Fire or Explosion! Support control when attaching pipe to prevent bending gas line.

WARNING! Risk of Fire or Explosion! Gas build-up during line purge could ignite.

- A small amount of air will be in the gas supply lines.
- Ensure adequate ventilation.
- Ensure there are no ignition sources such as sparks or open flames.

Light the appliance. It will take a short time for air to purge from lines. When purging is complete the appliance will light and operate normally.

WARNING! Risk of Fire, Explosion or Asphyxiation! Check all fittings and connections with a non-corrosive commercially available leak-check solution. **DO NOT** use open flame. Fittings and connections could have loosened during shipping and handling.

D. High Altitude Installations

NOTICE: If the heating value of the gas has been reduced, these rules do not apply. Check with your local gas utility or authorities having jurisdiction.

When installing above 2000 feet elevation:

- In the USA: Reduce input rate 4% for each 1000 feet above 2000 feet.
- In CANADA: Input ratings are certified without a reduction of input rate for elevations up to 4500 feet (1370 m) above sea level. Please consult provincial and/or local authorities having jurisdiction for installations at elevations above 4500 feet (1370 m).

Check with your local gas utility to determine proper orifice size.

E. Air Shutter Setting

WARNING! Risk of Explosion or Delayed Ignition! Improperly adjusted air shutter could cause soot buildup.

NOTICE: If sooting occurs, provide more air by opening the air shutter.

Air shutter settings should be adjusted by a qualified service technician at the time of installation. The air shutter is set at the factory for a typical horizontal termination through a 2 X 6 wall:

90 degree elbow off top with 9 inches horizontal.

Factory Pre-Set Air Shutter Settings

SL-5-IFT (NG)	1/4 in.
SL-5LP-IFT (PROPANE)	5/16 in.
SL-7-IFT (NG)	1/4 in.
SL-7LP-IFT (PROPANE)	3/8 in.
SL-9-IFT (NG)	3/8 in.
SL-9LP-IFT (PROPANE)	Full Open

The air shutter settings listed above were set based on an appliance that was vented off the top with one 90 degree elbow and the maximum horizontal vent run permitted; this vent configuration is considered to be a more restrictive vent configuration. For less restrictive venting, such as short horizontally terminating or a vertically terminating appliance, the shutter may be adjusted to a more “closed” position.

Natural Gas (NG) installations:

As a general rule, it is acceptable to reduce the shutter opening to adjust for short horizontally terminating or vertically terminating vent configurations. prior to the initial fire up.

Propane (P) installations

As a general rule, if the flames appear blue after 30 minutes of operation, it is acceptable to close the shutter slightly. Reduce shutter with caution to avoid soot potential.

Air Shutter Adjustment

The air shutter may be adjusted by locating and loosening the wing nut shown in Figure 9.1. Push/Slide the wing nut toward the back of the appliance to close the shutter. Pull/Slide the wing nut toward the front of the appliance to open the air shutter.

Shutter Setting Verification / Flame Appearance

- After 15 minutes, the flames will be a yellow/blue mix. The front flames may be blue at this time.
- After 30 minutes, the flames should be yellow with some blue flames near the burner ports.
- After 1 hour, the flame will be at its maximum maturity.

NOTICE: Flames should not appear orange or stretch to the top refractory. If flames are dark orange with dark, smoky tips, provide more primary air to the burner by opening the air shutter accordingly.

Note: Visually, a propane flame may differ from a natural gas flame. This is due to the different chemical compositions that make up both fuel types. In general, the propane (P) flames may be a little shorter and much brighter than a natural gas (NG) flame.

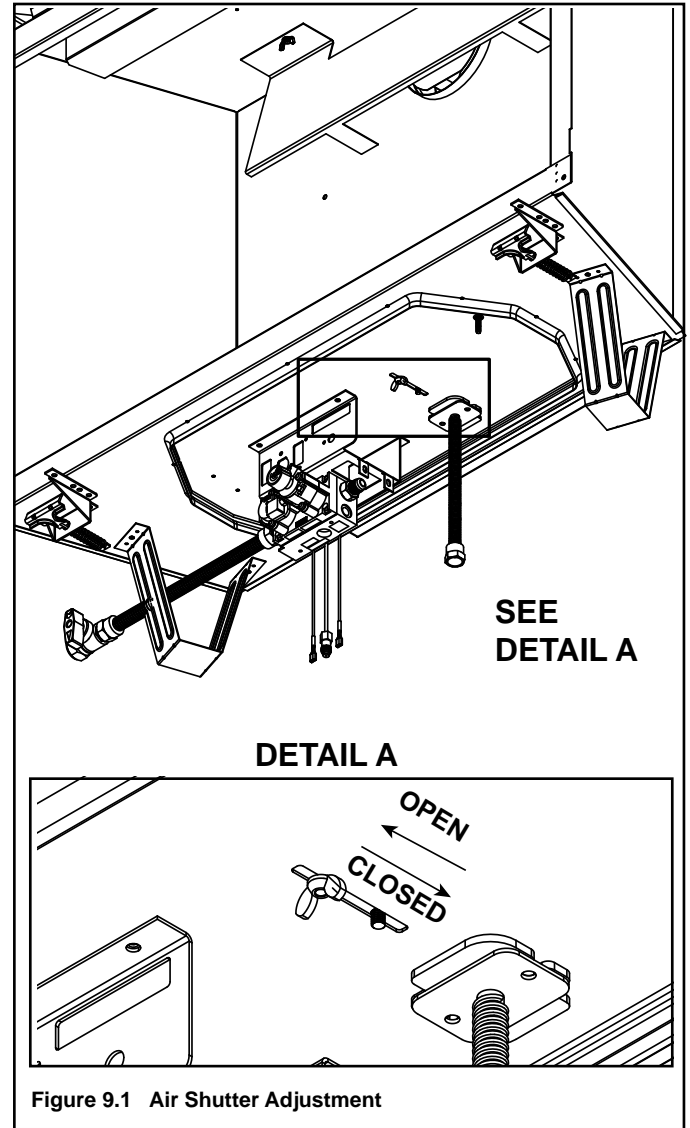


Figure 9.1 Air Shutter Adjustment

F. Burner Identification/Verification

The burner may be accessed for identification and verification purposes. This task should be performed by a qualified service technician. The logs and burner must be removed to see these identification marks. Disconnect the pilot from the burner before removal. See Figure 9.2 for burner identification chart. Notch patterns are located on bottom side of burner.

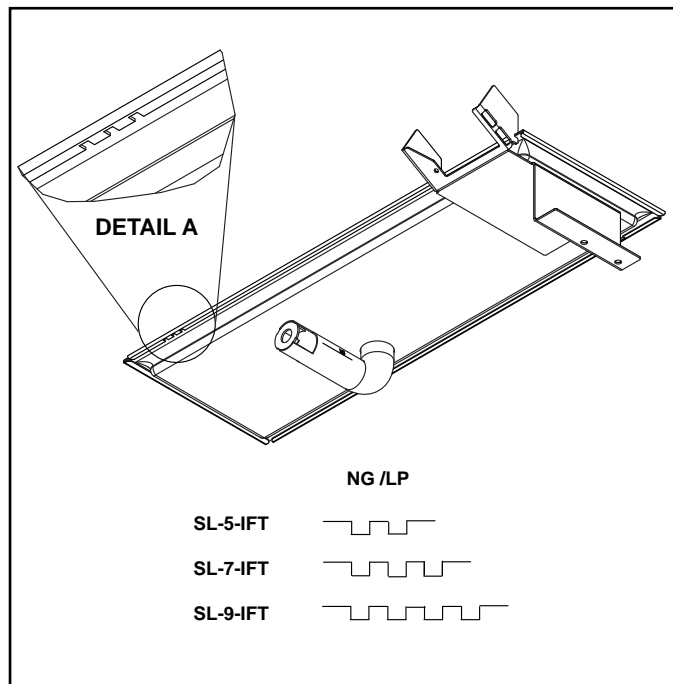


Figure 9.2 Burner Identification

10 Finishing

A. Facing Material

⚠ WARNING

Risk of Fire!

DO NOT apply combustible materials beyond the minimum clearances. Comply with all minimum clearances to combustibles as specified in this manual. Materials overlapping into non-combustible zones could ignite and will interfere with air flow through decorative barrier fronts.

- Metal front of appliance may be covered with non-combustible materials only.
- Facing and/or finishing materials must not interfere with air flow through decorative barrier fronts, removal of decorative barrier fronts or access for service.
- Facing and/or finishing materials must never overhang into the glass opening.
- Observe all clearances when applying combustible materials.
- Seal gaps between the finished wall and appliance top and sides using a 300 °F minimum sealant. Refer to Figure 10.1.

NOTICE: Surface temperatures around the appliance will become warm while the appliance is in operation. Ensure finishing materials used for all surfaces (floor, walls, mantels, etc.) will withstand temperatures up to 190°F.

For installations with vinyl flooring, see Section 3.D.

When using combustible flooring materials, such as carpeting and padding, the combustible flooring material must not extend higher than one inch from the base of the appliance when the appliance is mounted at floor level.

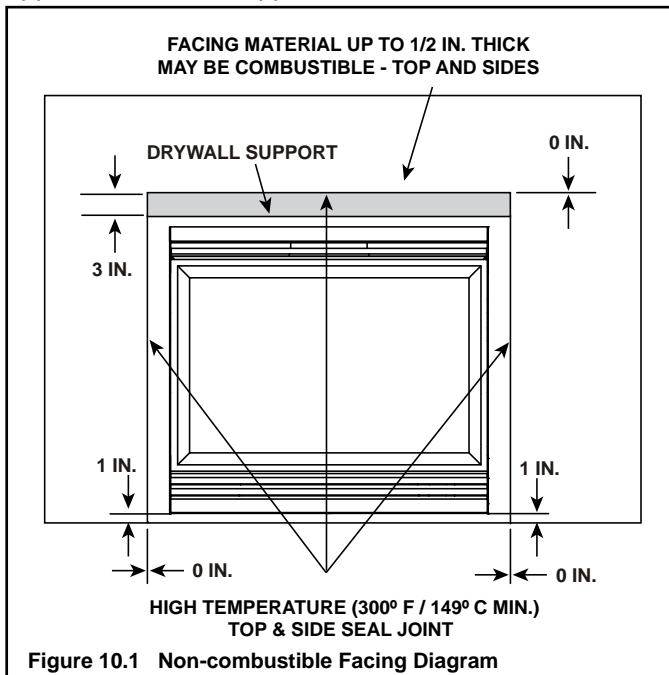


Figure 10.1 Non-combustible Facing Diagram

B. Installing a Television

If installing a television (TV) above the appliance, see Section 3 of the appliance Owner's Manual.

C. Mantel and Wall Projections

WARNING! Risk of Fire! Comply with all minimum clearances as specified. Framing closer than the minimums listed must be constructed entirely of non-combustible materials (i.e., steel studs, concrete board, etc.).

Note: Measurement is taken from top/side of the opening, NOT the top/side of the fireplace.

Combustible Mantels

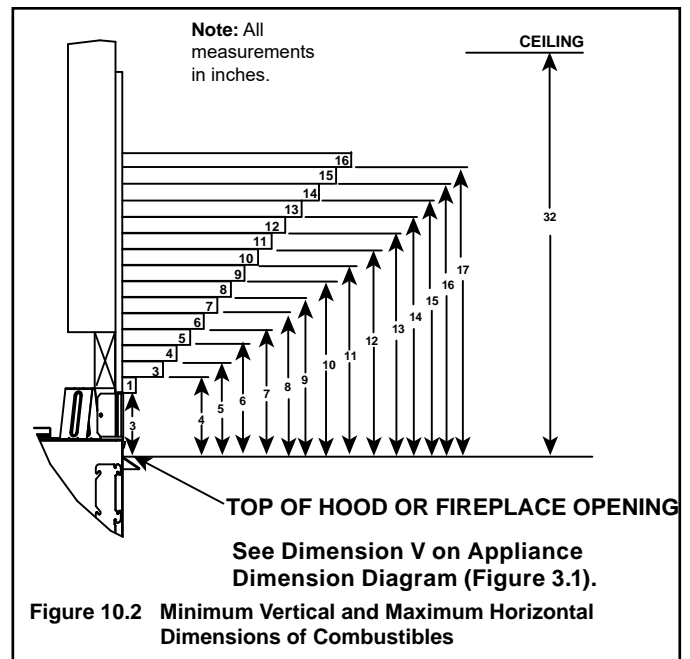


Figure 10.2 Minimum Vertical and Maximum Horizontal Dimensions of Combustibles

Non-Combustible Mantels

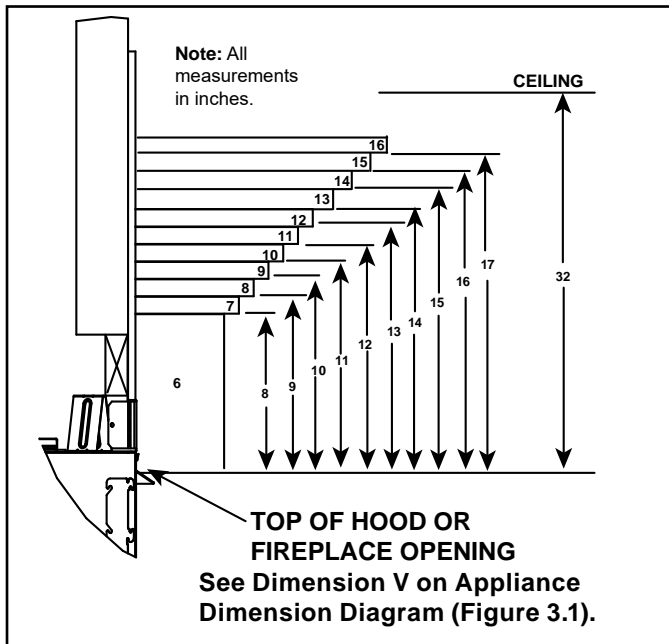


Figure 10.3 Minimum Vertical and Maximum Horizontal Dimensions of Non-Combustibles

Non-Combustible Mantel Legs or Wall Projections

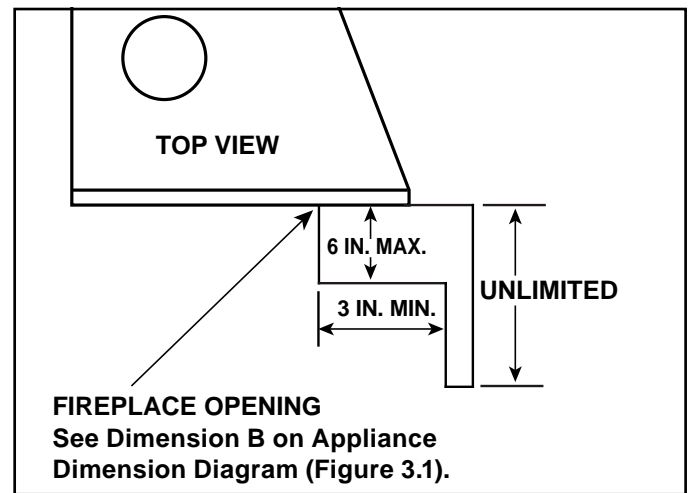


Figure 10.6 Non-Combustible Mantel Leg or Wall Projections (Acceptable on both sides of opening)

Combustible Mantel Legs or Wall Projections

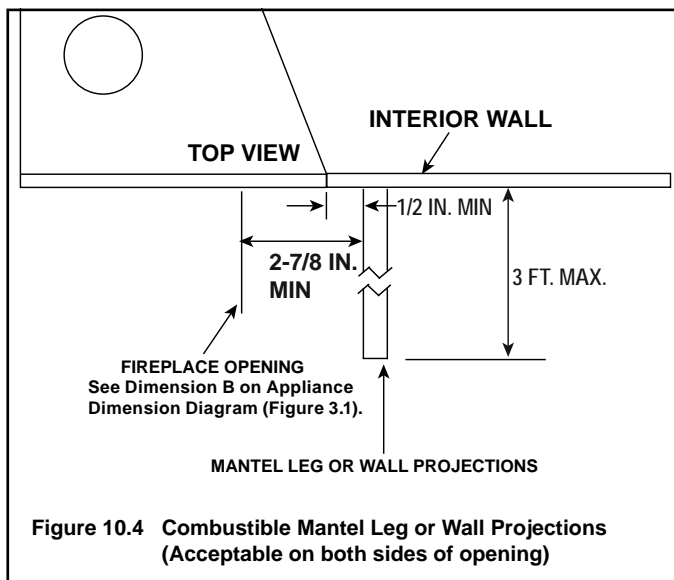


Figure 10.4 Combustible Mantel Leg or Wall Projections (Acceptable on both sides of opening)

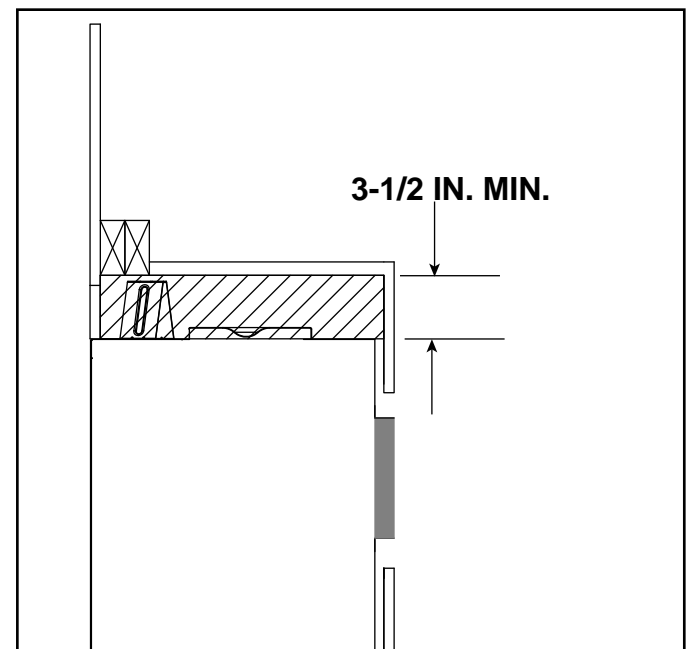


Figure 10.7 Rear Vent Non-Combustible Zone Above Appliance

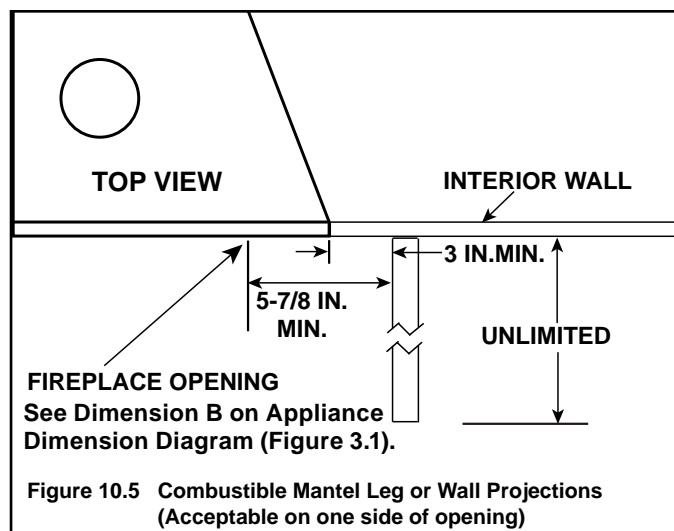


Figure 10.5 Combustible Mantel Leg or Wall Projections (Acceptable on one side of opening)

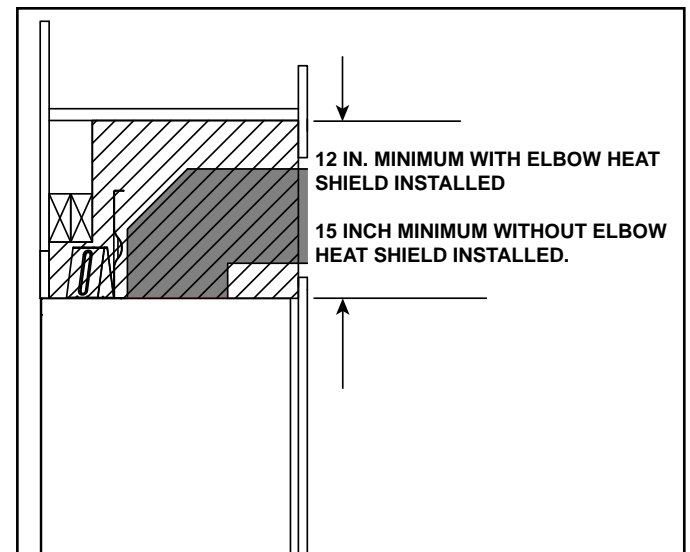


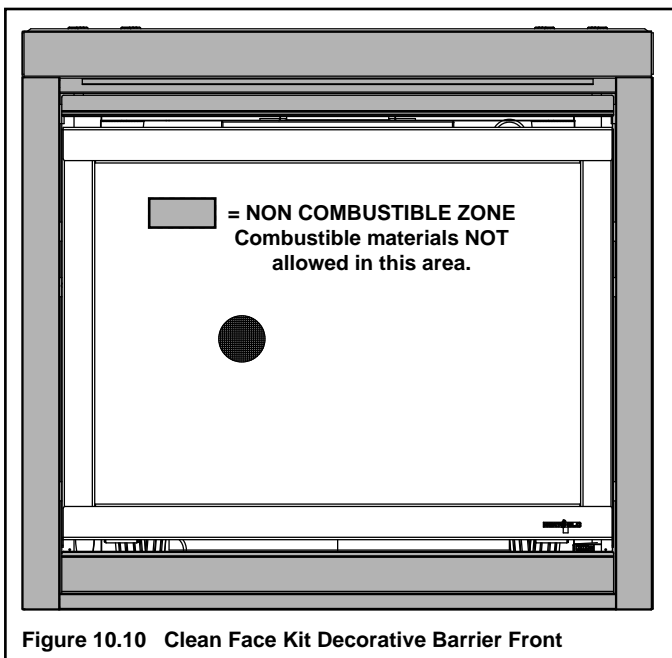
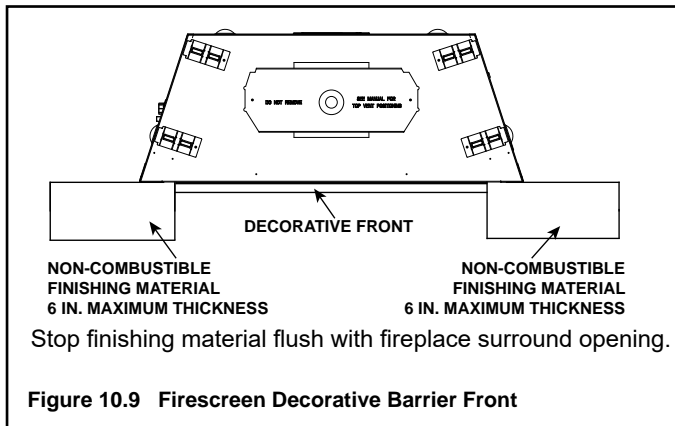
Figure 10.8 Top Vent Non-Combustible Zone Above Appliance

D. Decorative Barrier Front Dimensions for Finishing

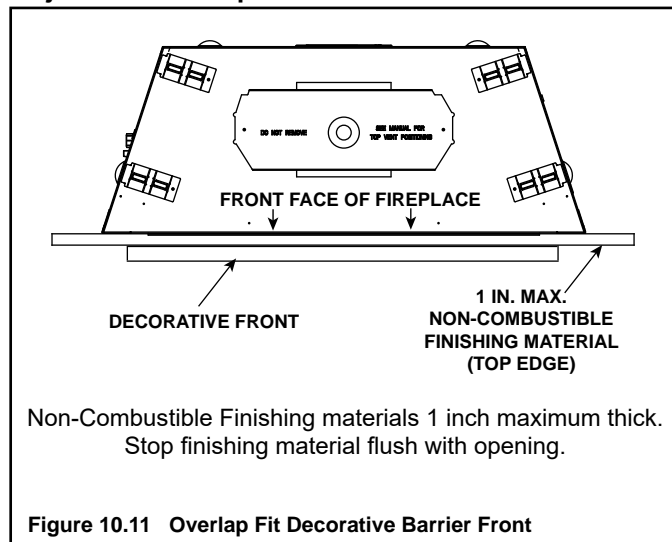
Only decorative barrier fronts certified for use with this appliance model may be used. Contact your dealer for a list of decorative barrier fronts that may be used.

Note: Refer to Section 3 for individual decorative barrier front dimensions as installed on appliance.

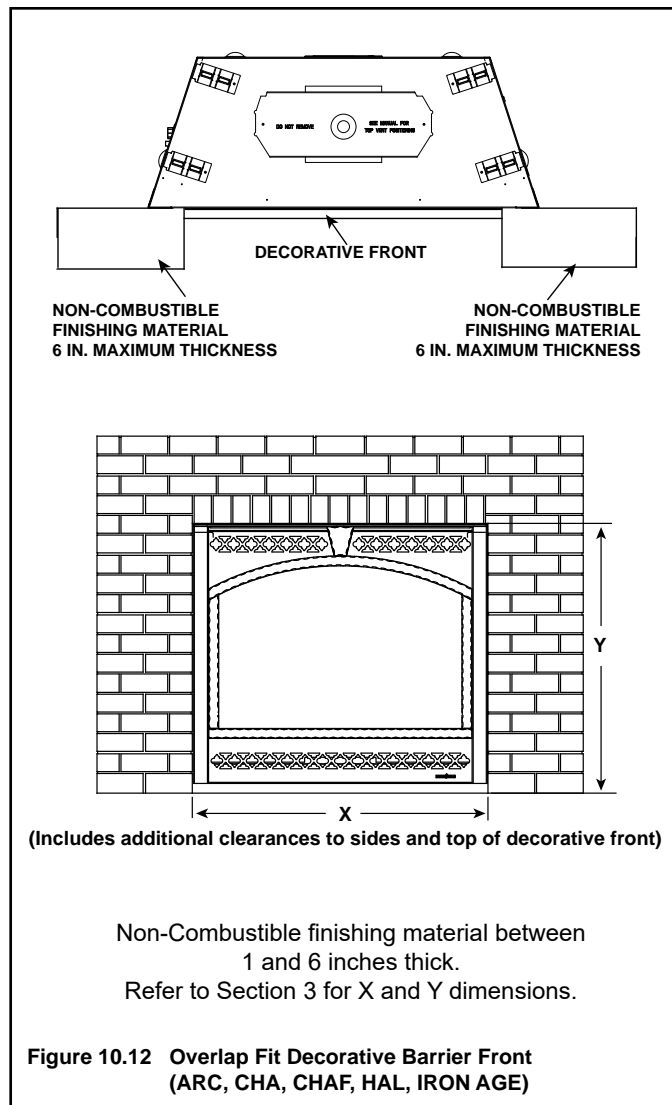
Inside Fit - Firescreen Front (0-6 Inch Finishing)



Adjustable Overlap Fit



Overlap Fit - ARC,CHA,HAL, CHAF & IRON AGE (1-6 Inch Finishing)



11 Appliance Setup

A. Remove the Shipping Materials

Remove shipping materials from inside or underneath the firebox.

- The splatter guard is a piece of corrugated material used to protect the appliance during the installation process before finishing work on the whole hearth is complete. Splatter guards may be factory installed or accompany the decorative barrier front of the appliance, depending on the fireplace model. Splatter guards must be removed before appliance is fired.

WARNING! Risk of Fire! Close the ball valve before installing the splatter guard to prevent accidental lighting. Remove the splatter guard before lighting the appliance.

B. Clean the Appliance

Clean/vacuum any sawdust that may have accumulated inside the firebox or underneath in the control cavity.

C. Install the Optional Refractory Kit

An optional reflective black glass or brick refractory kit is available for use with these models. Install the optional refractory kit per the included instructions.

D. Setup Overview

These are common instructions for the SL-5-IFT, SL-7-IFT, and SL-9-IFT models. All three models use the same number of components, which are scaled up or down in size, depending on the model of fireplace installed. Each size log set consists of five logs and three hearth components.

***The photos shown in these instructions depict an SL-7-IFT.**

E. Install Hearth Components, Logs and Embers

Install Hearth Components

The left, middle, and right hearth components are packaged in a separate box that is shipped inside the firebox. The three hearth components are shown in Figure 11.1.

Note: The left and right components have indentations that will be used to locate and correctly position the rear logs. The hearth components may fit together tightly. Ensure that excess flashing on the edges of the hearth components has been removed to provide optimal fit.

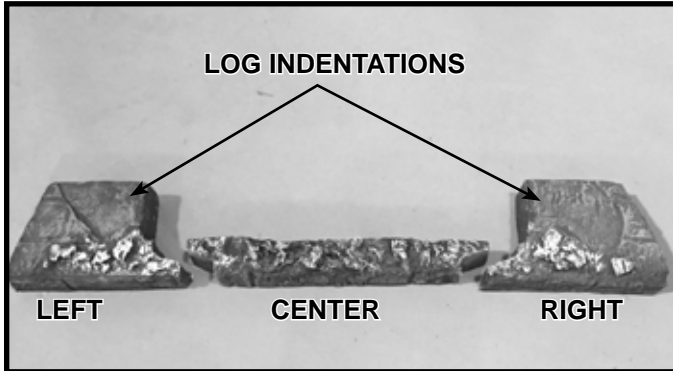


Figure 11.1 Hearth Components

1. Locate the left hearth component shown in Figure 11.2. Place it as shown in Figure 11.2, ensuring that the outer edge of the hearth component firmly contacts the firebox side and the front edge contacts the firebox front lip. Gently push “down” on the indentation to force the bottom side of the hearth component to engage the screw tips on the bottom of the firebox.

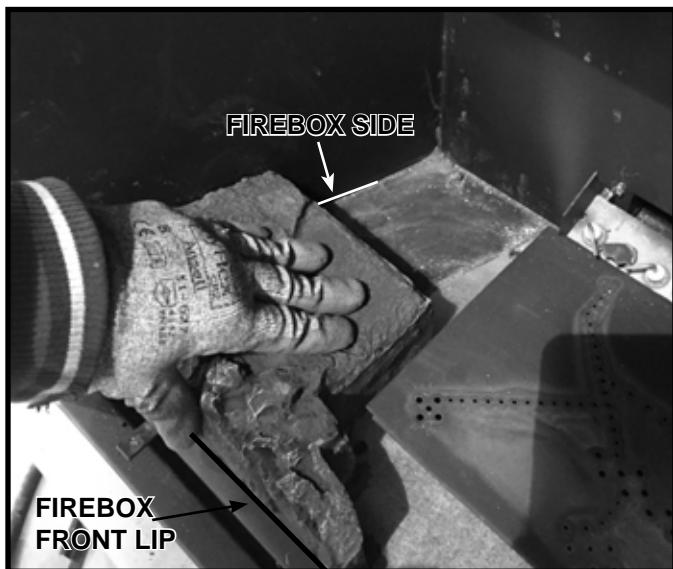


Figure 11.2 Install Left Hearth Component

2. Locate the center hearth component shown in Figure 11.3 and install it adjacent to the left hearth component as shown in Figure 11.5.

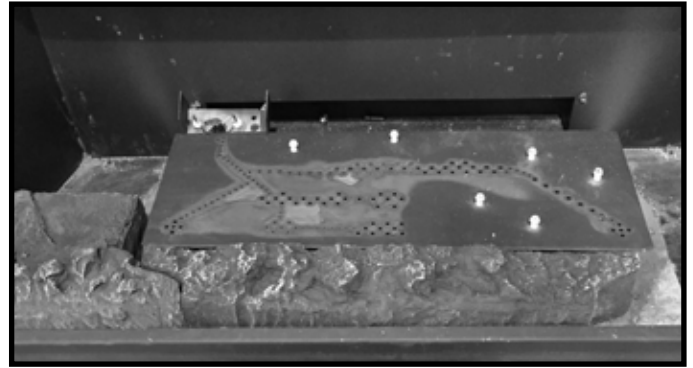


Figure 11.3 Install Center Hearth Component

3. Locate the right hearth component as shown in Figure 11.1. Install right hearth component by pointing its left tip at a slight angle as shown in Figure 11.4. When the right end of the middle hearth piece and the left tip of the right hearth component engage, gently place them in position. Push “down” on the indentation on the right hearth component to engage the screw tips at the bottom of the firebox.

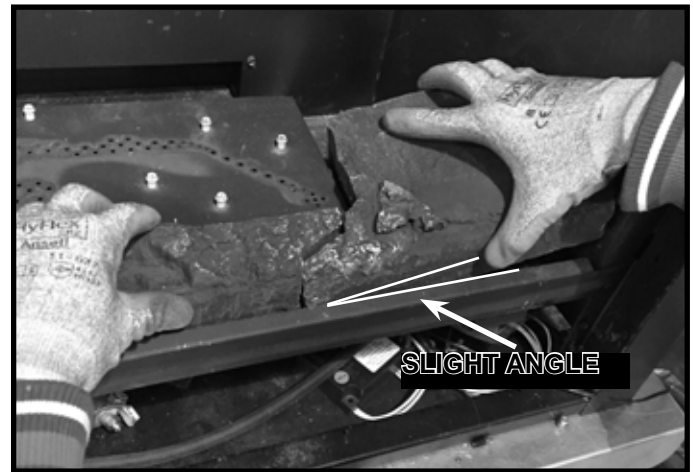


Figure 11.4 Lift Center Hearth Component While Placing Right Hearth Component

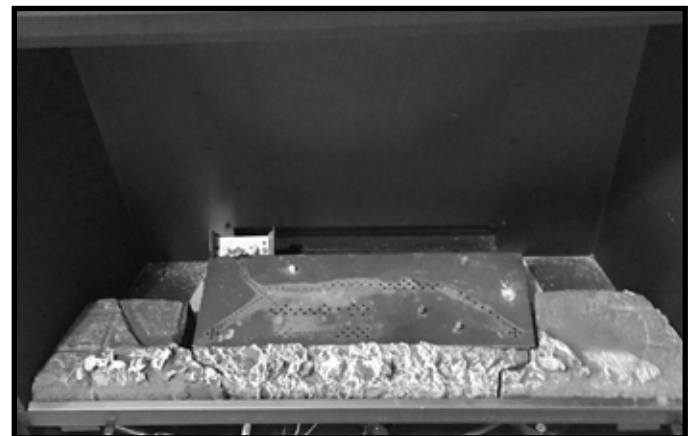


Figure 11.5 Hearth Components Installed

F. Install the Log Assembly

Log Set Assembly: LOGS-SL5, LOGS-SL7, LOGS-SL9

Models: SL-5, SL-7, SL-9, SL-5-IFT, SL-7-IFT, SL-9-IFT

LOG PLACEMENT INSTRUCTIONS

Install Logs

CAUTION: Logs are fragile, handle with care.

Overview

These are common log instructions for the SL-5, SL-7, SL-9, SL-5-IFT, SL-7-IFT, SL-9-IFT models. All models use the same number of components, which are scaled up or down in size, depending on the model of fireplace installed. Each size log set consists of five logs.

*The photos shown in these instructions depict an SL-7/SL-7-IFT.

Log Pins

The overall size and location of the burner assembly within the firebox is very similar between all sizes. However, each burner top has different burner ports and log pin configurations. See Figure 1 for log pin locations.

The log pins, along with the indentations in the Hearth components, will aid in correctly positioning the two rear logs and small burner log. The indentations in the hearths are shown in Figure 4.

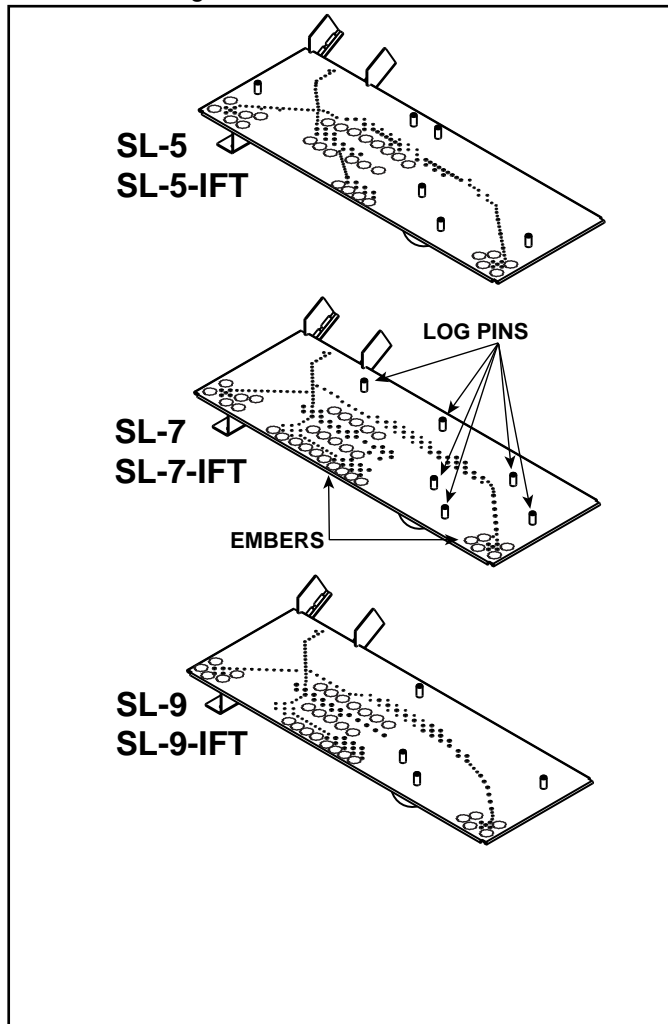


Figure 1. Log Pin and Glowing Ember Locations

Log Placement Tips

- The rear left log, rear right log and small burner log utilize holes in the bottom side of the logs that correspond to the locator pins on the burner. Reference Figure 1 and Figure 2.

Additionally, the rear left log and rear right log are located by visually aligning the bottom edge of the log with the indentations in the left and right hearth components. See Figure 4.

- Top left and top right logs, which lay across the rear left and rear right logs, utilize the “indentations” in the rear left and rear right logs for proper placement. See Figure 6.

Note: The bottom surface of the left and right rear logs is intended to be flat. If excess material/flashing or debris is present on the bottom surface of these logs, it should be removed. Removal will ensure that the logs are stable on the burner and adjacent hearth components.

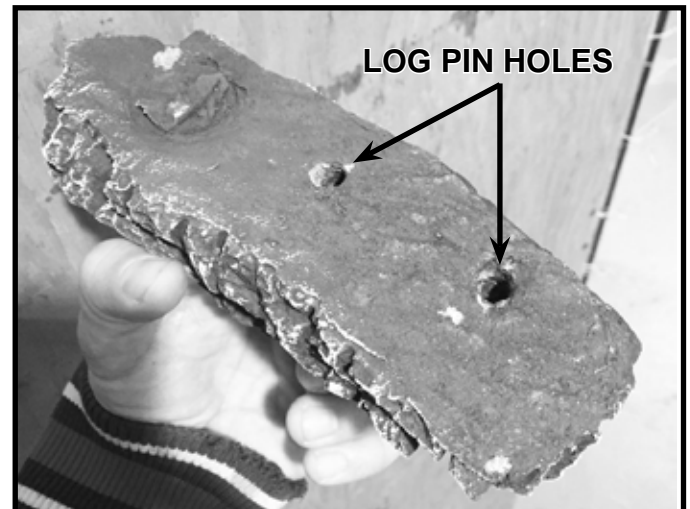


Figure 2. Example of Log Pin Holes

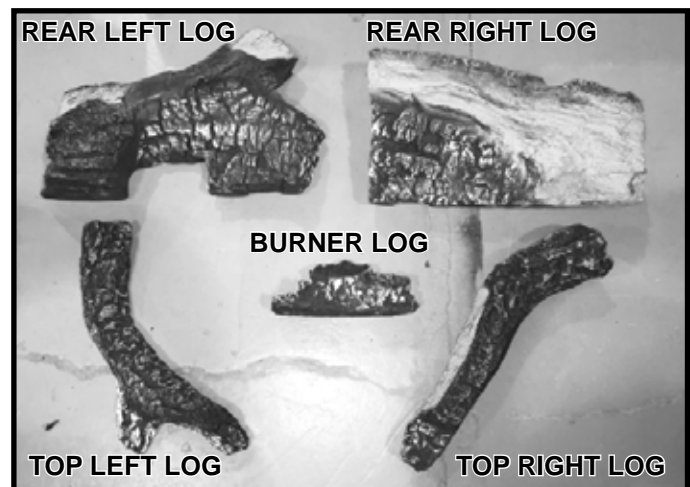


Figure 3. Log Assembly Components

Install Rear Logs

1. Remove large rear left log from the packaging and install the log by locating it on the back left log pin(s). The left side of the log will reside within the indentation in the left hearth component.

SL-7/SL-7-IFT and SL-9/SL-9-IFT Models: There will be about a 1 inch rear gap between the left rear log and the back wall of the firebox. There will be about a 1-1/2 inch side gap between the left end of the log and the left side of the firebox. See Figure 4.

SL-5/SL-5-IFT Models: There will be about a 1 inch rear gap from the left rear log to the back wall of the firebox. There will be about a 1 inch side gap between the rear left log and the side of the firebox. See Figure 4.

Note: Reference dimensions between logs and firebox wall will need to be adjusted by 3/4 inch if the optional refractory kit is installed.

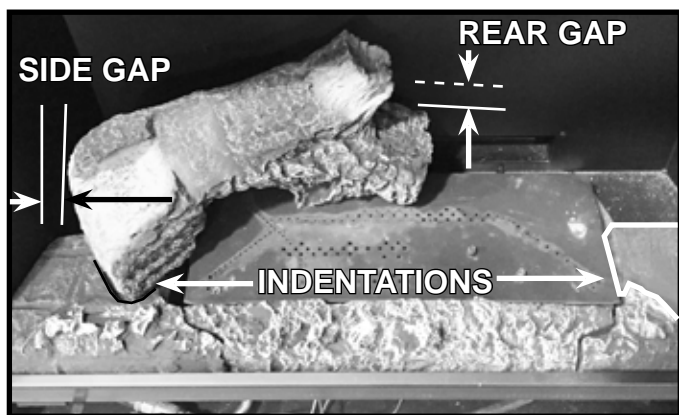


Figure 4. Install Left Rear Log

2. Remove the large rear right log from packaging and install it by locating it on the back right log pin(s). On some models, it may be necessary to lift the left rear log slightly to install the right rear log. The right side of the log will reside within the indentation in the right hearth component.

SL-7/SL-7-IFT and SL-9/SL-9-IFT Models: There will be about a 3/4 inch rear gap between the rear right log and the back wall of the firebox. There will be about a 1-1/2 inch side gap between the right end of the log and the right side of the firebox. See Figure 5.

SL-5/SL-5-IFT Models: There will be about a 1 inch rear gap between the rear right log and the back wall of the firebox. There will be about a 3/4 inch side gap between the right end of the log and the right side of the firebox. See Figure 5.

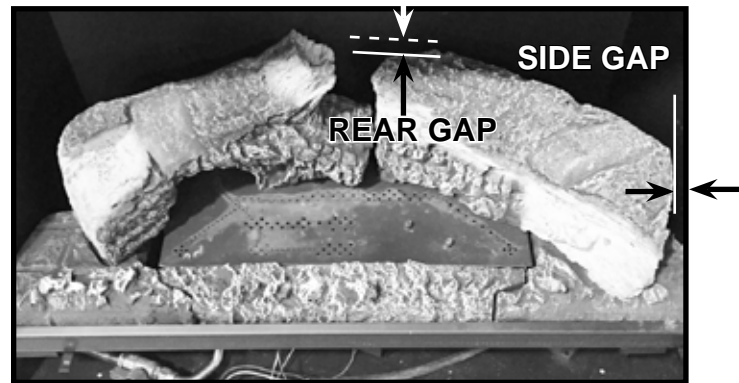


Figure 5. Install Right Rear Log

Install Glowing Embers®

3. Remove Glowing Embers® from packaging and install the ember material as shown in Figure 1. Care should be taken to avoid placing ember material directly over ports and to avoid using excessive amounts of ember material.

WARNING! Risk of Explosion! Follow ember placement instructions. DO NOT place embers directly over burner ports. Replace ember material annually. Improperly placed embers interfere with proper burner operation.

- Embers CANNOT be placed directly over ports. Care should be taken not to cover the lighting trail of ports (from back to front).
- When placing Glowing Embers® onto the burner care should be taken so that the ports are not covered. Place the dime-size ember pieces near the port holes in the burner top. Failure to follow this procedure will likely cause lighting and sooting problems.

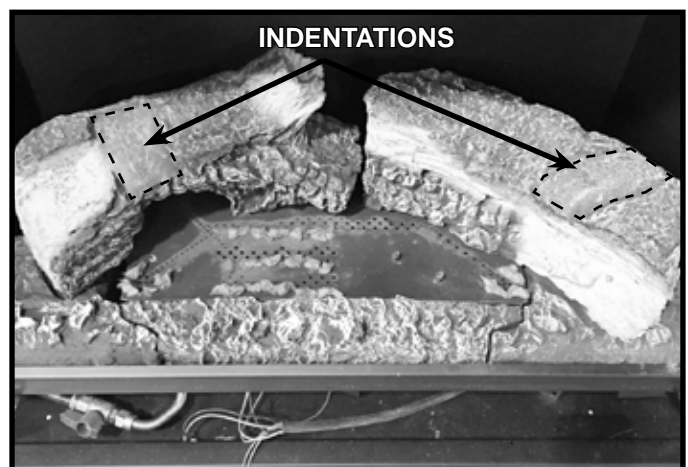


Figure 6. Glowing Embers® Installed

Install Front Logs

4. Remove top left log from packaging. Place the log into the indentation on the left rear log. The indentation is highlighted in Figure 6. The bottom two points of the log will rest on the center hearth component. See Figure 7.

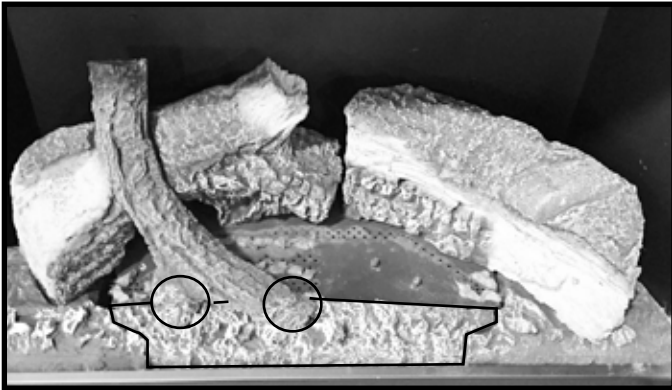


Figure 7. Install Top Left Log

5. Remove small burner log from packaging. This log has two holes on the bottom. These holes correspond to two log pins located on the burner top. Place log on the two log pins as shown Figure 8. When properly placed, this log will rest on both the burner and the front hearth component.



Figure 8. Install Burner Log

6. Remove right top log from packaging. There is an indentation located in the right rear log which "cradles" the right top log. The indentation is highlighted in Figure 6. The burnt end of the log will engage a notch in the middle hearth component. See Figure 9.

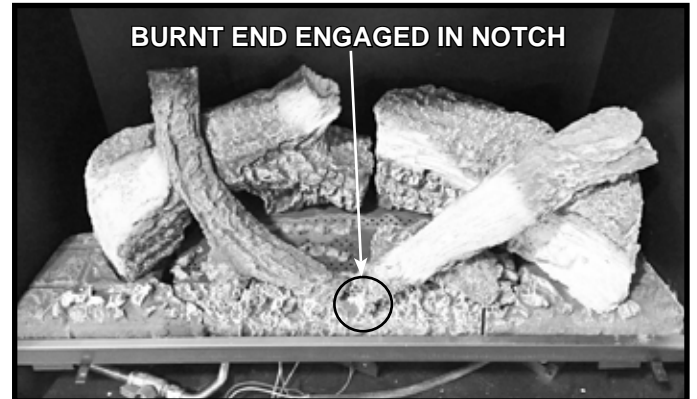


Figure 9. Top Right Log Installed - Log Set Complete

2392-935D

G. IntelliFire Touch® Control System Setup

- Detailed instructions for electrical wiring and connections are provided in Section 8.
- Determine if this appliance is equipped with a Module Reset Switch. See Section 8. Verify this switch is in the ON position.
- Verify that the 3-Position switch on the IFT-ECM is switched to the REMOTE position. Detailed Operating Instructions for the IFT-ECM are provided in Section 3.K of the Owner's Manual.

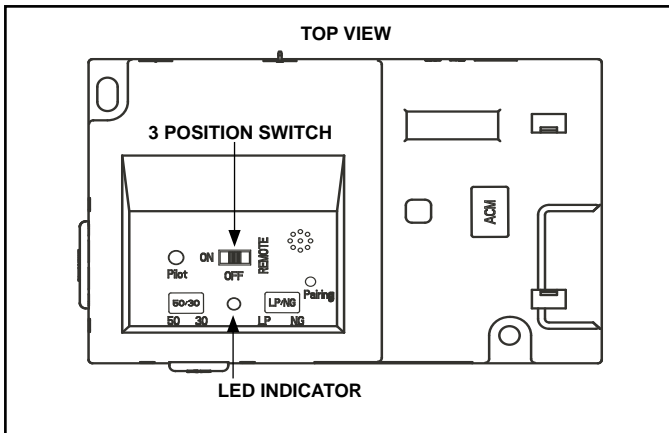


Figure 11.6 IFT-ECM

If this appliance is being upgraded to an optional IntelliFire Touch Remote Control, and/or optional power vent, fan, or light kit are added as new accessory upgrade(s) to fireplace:

1. The RC400 remote will need to be paired to the ECM.
2. Follow the installation instructions provided with the IntelliFire Touch remote and/or accessory kit(s).

H. Fixed Glass Assembly Removal and Replacement

WARNING! Risk of Asphyxiation! Handle fixed glass assembly with care. Inspect the gasket to ensure it is undamaged and inspect the glass for cracks, chips or scratches.

- **DO NOT** strike, slam or scratch glass.
- **DO NOT** operate fireplace with glass removed, cracked, broken or scratched.
- Replace as a complete assembly.

Removing Fixed Glass Assembly

- Remove decorative barrier front from fireplace and set aside on work area.
- Pull the four glass assembly latches out of the groove on the glass frame. Remove glass assembly from the appliance. See Figure 11.7.

Replacing Fixed Glass Assembly

- Replace the glass assembly on the appliance. Pull out and latch the four glass assembly latches into the groove on the glass frame.
- Clean glass with a non-abrasive commercially available cleaner.
 - Light deposits: Use a soft cloth with soap and water
 - Heavy deposits: Use commercial fireplace glass cleaner (consult with your dealer)
- Carefully set fixed glass assembly in place on fireplace. Hold glass in place with one hand and secure glass latches with the other hand.
- Inspect and operate all glass latches to ensure they move freely and no obstructions are present.
- Reinstall decorative barrier front.

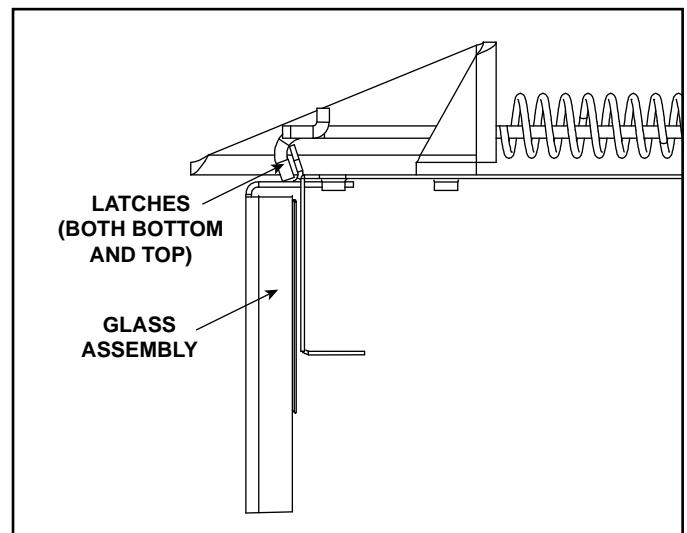


Figure 11.7 Fixed Glass Assembly

I. Install Decorative Barrier Front

WARNING! Risk of Fire! Install **ONLY** decorative barrier fronts approved by Hearth & Home Technologies. Unapproved decorative barrier fronts could cause fireplace to overheat.

IMPORTANT! This fireplace requires an installed decorative barrier front to prevent direct contact with the hot viewing glass. **DO NOT** operate the fireplace with the barrier removed.

Contact your dealer or Hearth & Home Technologies if the barrier is not present or help is needed to properly install one.

For more information refer to the instructions supplied with your decorative barrier front.

12 Reference Materials

A. Approved Vent Components List

Vent components on this list are approved for use with these models.

Scan QR code or click on the link to access document including dimensions and effective lengths of vent components.



Vent Components

DVP Vent Components			
DVPXX	DVP Vent Pipe (4/6/8/12/24/36/48 Inch)	DVP6A/DVP12A	6 Inch/12 Inch DVP Slip Section
DVP45	45 Degree Elbow	DVP-TVHW	Vertical Termination Cap (High Wind)
DVP-90ST	90 Degree Elbow	DVP-HPC	High Performance Cap
DVP-HVS	Vent Support	DVP-BEK2	DVP-HPC Cap Brick Extension
DVP-RDS	Roof Deck Insulation Shield	COOL-ADDM	Cap Shield
DVP-WS	Wall Shield Firestop	DVP-TB1	Basement Vent Cap
DVP-FS	Ceiling Firestop	DRC-RADIUS	Cap Shield
DVP-TRAP	Horizontal Termination Cap (DVP-TRAP1/2/K1/K2/HPC1/HPC2)	DVP-HRC-SS	High Rise Cap
RF6 / RF12	Roof Flashings	DVP-HRC-ZC-SS	Zero Clearance High Rise Cap
DVP-TRAPFL	Flashing	TRAP-VSS	Vinyl Siding Shield
DVP-HSM-B	Extended Heat Shield	UNIV-AS2	Universal Attic Shield
SLP Vent Components			
SLPXX	SLP Vent Pipe (4/6/12/24/36/48 Inch)	SLP6A/SLP12A	SLP Adjustable Pipe Sections
SLP45	45 Degree Elbow	SLP-CCS-BK	Cathedral Ceiling Support Box-Black
SLP90	90 Degree Elbow	SLP-DCF-BK	Ceiling Firestop Black
DVP-SLP24	Adapter	SLP-WT-BK	Wall Thimble Black
SLK-SNKD	Snorkel Termination Cap	SLP-FLEX-TRAP	Horizontal Termination Cap
SLP-TVHW	Vertical Termination Cap	SLP-FS	Ceiling Firestop
SLP-TB1	Basement Vent Cap	SLP-WS	Wall Shield Firestop
SLP-HVS	Horizontal Pipe Support	DVP-2SL	Adapter
SLP-TRAP	Horizontal Termination Cap (TRAP1/2)	DVP-HSM-B	Extended Heat Shield
SL-2DVP	Adapter	SLP-HRC-SS	Horizontal Termination Cap
SLP-HHW2	Horizontal High Wind Termination Cap	SLP-RDS	Roof Deck Insulation Shield
SLP-FLEX-XX	SLP Flexible Pipe (3/5/10 ft.)		
Power Vent Components			
PVV-SLP	Vertical Power Vent	PVLP-SLP	Power Vent Low Profile
PVI-SLP-B	Power Vent Inline	SLP-LPC	SLP Low Profile Cap
Coaxial / Colinear Components			
LINK-DV30B	Flex Liner Kit	DV-46DVA-GCL	Coaxial / Colinear Appliance Connector
DVP-2SL	Adapter	768-380A	Stainless Steel Flex Pipe - Required
Decorative Terminations / Shrouds			
Only use listed decorative termination caps/shrouds with Hearth & Home Technologies approved venting systems. This applies to both DVP and SLP venting systems.			
DTO134	Octagon Decor Cap	LDS33	Decor Shroud 36 x 36
DTO146	Octagon Decor Cap	LDS46	Decor Shroud 48 x 72
DTS134	Square Decor Cap	LDS-BV	Decor Shroud 26 x 26
DTS146	Square Decor Cap		

B. Accessories

Install approved accessories per instructions included with accessories. Contact your dealer for a list of approved accessories.

WARNING! Risk of Fire and Electric Shock! Use ONLY Hearth & Home Technologies-approved optional accessories with this appliance. Using non-listed accessories could result in a safety hazard and will void the warranty.

Remote Controls, Wall Controls and Wall Switches

After a qualified service technician has installed the remote control, wall control or wall switch, follow the instructions supplied with the control installed to operate your appliance:

For safety:

- Install a switch lock or a wall/remote control with child protection lockout feature.
- Keep remote controls out of reach of children.

Contact your dealer if you have questions.

Optional IntelliFire Wi-Fi module with IntelliFire App

After a qualified service technician has installed the IntelliFire Wi-Fi module with the IntelliFire app, follow the instructions supplied to operate your appliance. Contact your dealer if you have questions.

Optional Heat Management Systems Kits

After a qualified service technician has installed the heat management system, follow the instructions supplied with the kit for operation. Contact your dealer if you have questions.

Note: Optional heat management systems kit must be installed while the sides of the appliance are accessible.

Optional Fan

After a qualified service technician has installed the fan, follow the instructions supplied with the fan kit to operate your fan. See your dealer if you have questions.

Optional Refractory Kit

An optional refractory kit is available for these models. Follow the instructions supplied with the kit for installation. Contact your dealer if you have questions.

Heat & Glo, a brand of Hearth & Home Technologies
7571 215th Street West, Lakeville, MN 55044
www.heatnglo.com

Please contact your Heat & Glo dealer with any questions or concerns.
For the location of your nearest Heat & Glo dealer,
please visit www.heatnglo.com.

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City of Lakewood
Board of Building Standards •
Architectural Board of Review •
Sign Review Board

P: (216) 529-6630
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planning@lakewoodoh.gov

Application Cover Page

Docket No.: 01-10-26

Permit No.: BBS25-000137

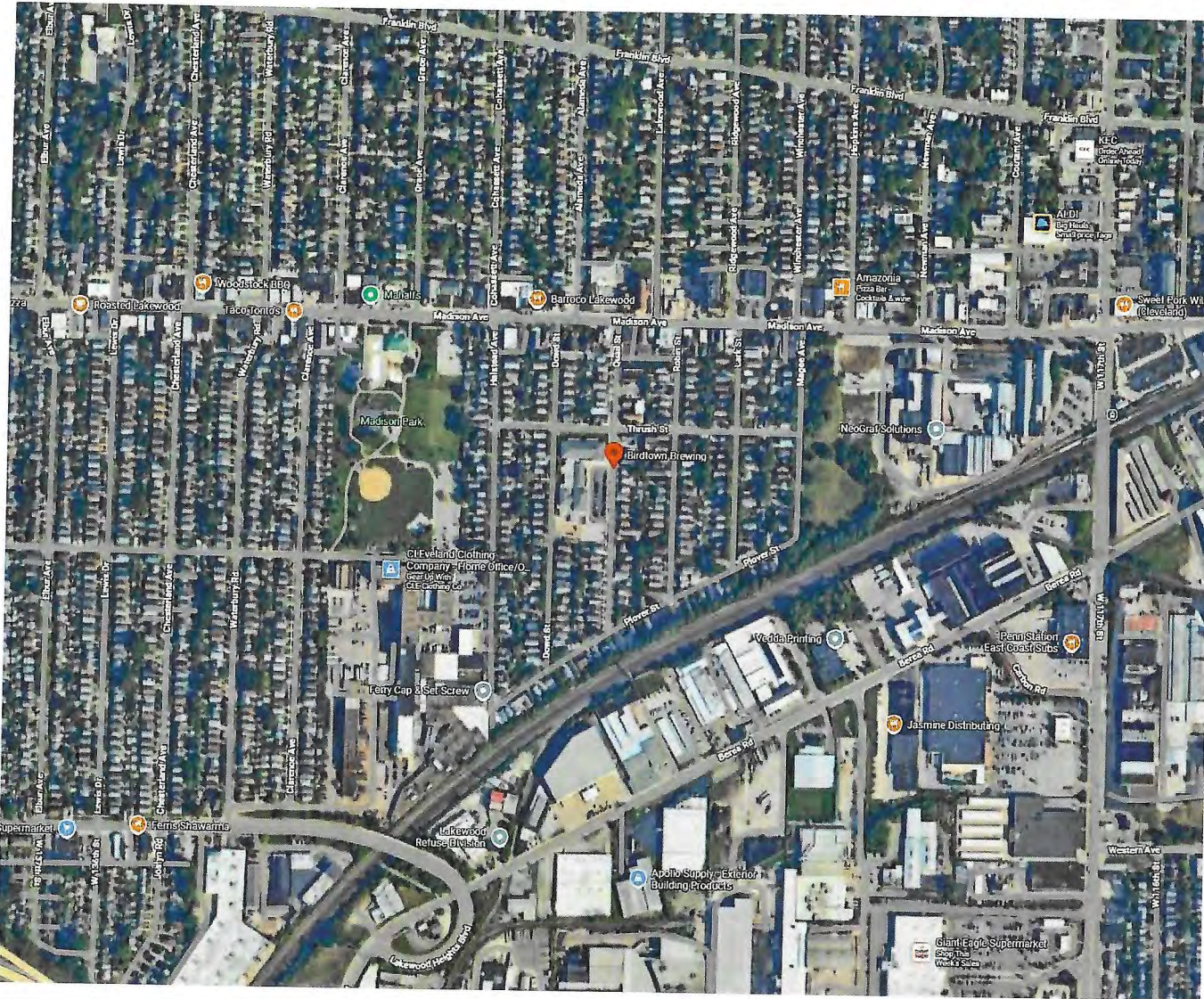
Applicant Name: Kathy Clarke

Project Address: 2035 Quail St.

Project Name: Birdtown Brewing

Project: Applicant proposes new aluminum signage for front fascia.

BIRDTOWN BREWING

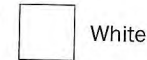


SCOPE OF PROJECT

i. One (1) set of non-illuminated channel letters & FCO acrylic copy



COLORS



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

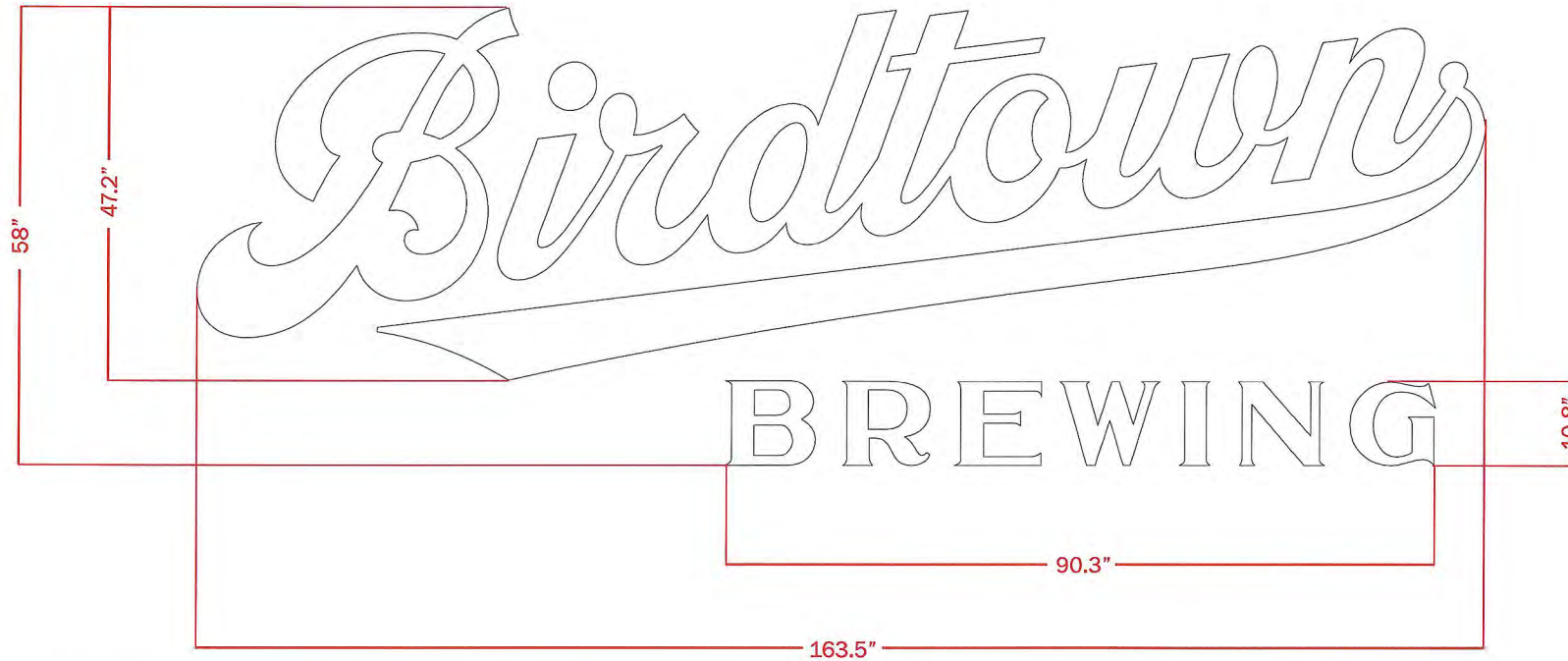
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<p>BIRDTOWN BREWING QUAIL ST, LAKEWOOD, OH 44107</p>	<p>VERSIONS V1: 12/16/25</p>	<p>DATE 12/16/25</p>	<p>PROJECT MANAGER ANNA A.</p>	<p>PAGE DESCRIPTION LOCATION & SCOPE</p>	<p>PAGE NO. 1 OF 4</p>
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San Friskin

I. OVERVIEW: Non-illuminated channel letters & FCO acrylic copy

FRONT VIEW



<p>COLORS</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 20px; height: 20px; margin-right: 5px;"></div> <p>White</p> </div>	<p>MATERIALS</p> <p>A. "Birdtown" script FACES: .090 aluminum, painted white RETURNS: 2" .080 aluminum, painted white PAINT: Std. white, satin MOUNTING: Pads & threaded aluminum studs for flush mount to brick fascia</p> <p>B. "BREWING" ALL COPY: 1" FCO acrylic, painted white PAINT: Std. white, satin MOUNTING: Threaded aluminum studs for flush mount to brick fascia</p>
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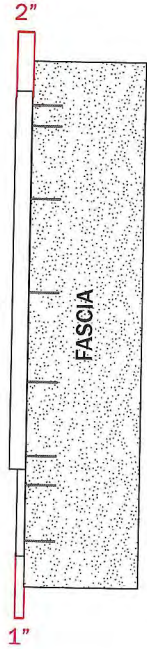
<p>BIRDTOWN BREWING QUAIL ST, LAKEWOOD, OH 44107</p>	<p>OVERALL DIMENSIONS 13' - 7.5" W x 4' - 10" H x 2" D SQUARE FOOTAGE 65.9 ft.²</p>	<p>SCALE 1 : 15</p>	<p>DATE 12/16/25</p>	<p>PROJECT MANAGER ANNA A.</p>	<p>PAGE DESCRIPTION FRONT/BACK VIEW</p>	<p>PAGE NO. 2 OF 4</p>
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Sen Friedman

I. OVERVIEW: Non-illuminated channel letters & FCO acrylic copy

SIDE VIEWS

DIRECT SIDE VIEW



ORTHOGRAPHIC VIEW



COLORS	MATERIALS
<div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: white; border: 1px solid black; margin-right: 5px;"></div> White </div>	<p>A. "Birdtown" script FACES: .090 aluminum, painted white RETURNS: 2" .080 aluminum, painted white PAINT: Std. white, satin MOUNTING: Pads & threaded aluminum studs for flush mount to brick fascia</p> <p>B. "BREWING" ALL COPY: 1" FCO acrylic, painted white PAINT: Std. white, satin MOUNTING: Threaded aluminum studs for flush mount to brick fascia</p>

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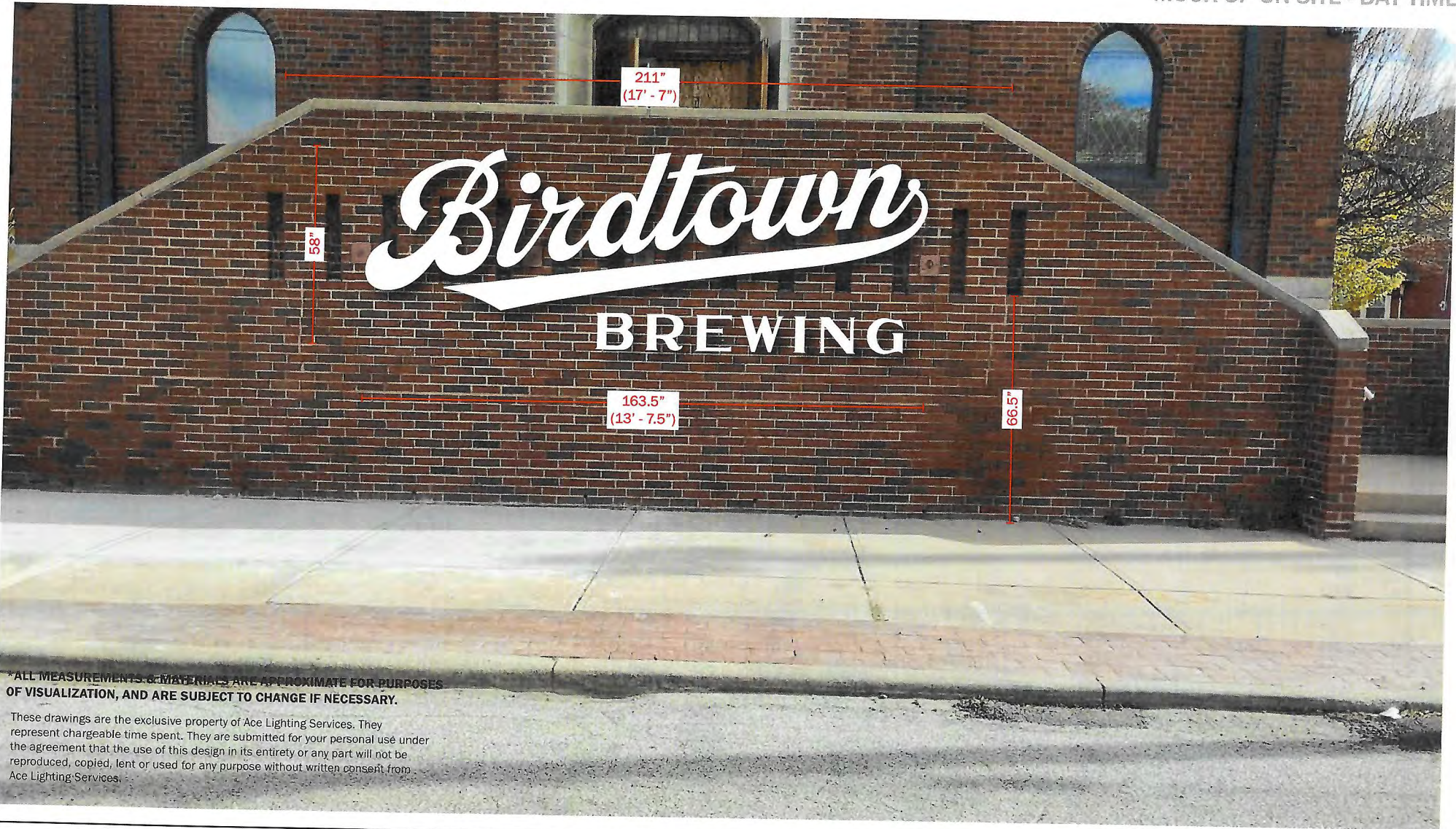
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BIRDTOWN BREWING QUAIL ST, LAKEWOOD, OH 44107	OVERALL DIMENSIONS 13' - 7.5" W x 4' - 10" H x 2" D	SCALE	DATE	PROJECT MANAGER	PAGE DESCRIPTION	PAGE NO.
	SQUARE FOOTAGE: 65.9 ft.²	1 : 15	12/16/25	ANNA A.	SIDE VIEWS	3 OF 4

Don Estrom

i. OVERVIEW: Non-illuminated channel letters & FCO acrylic copy

MOCK-UP ON SITE - DAY TIME

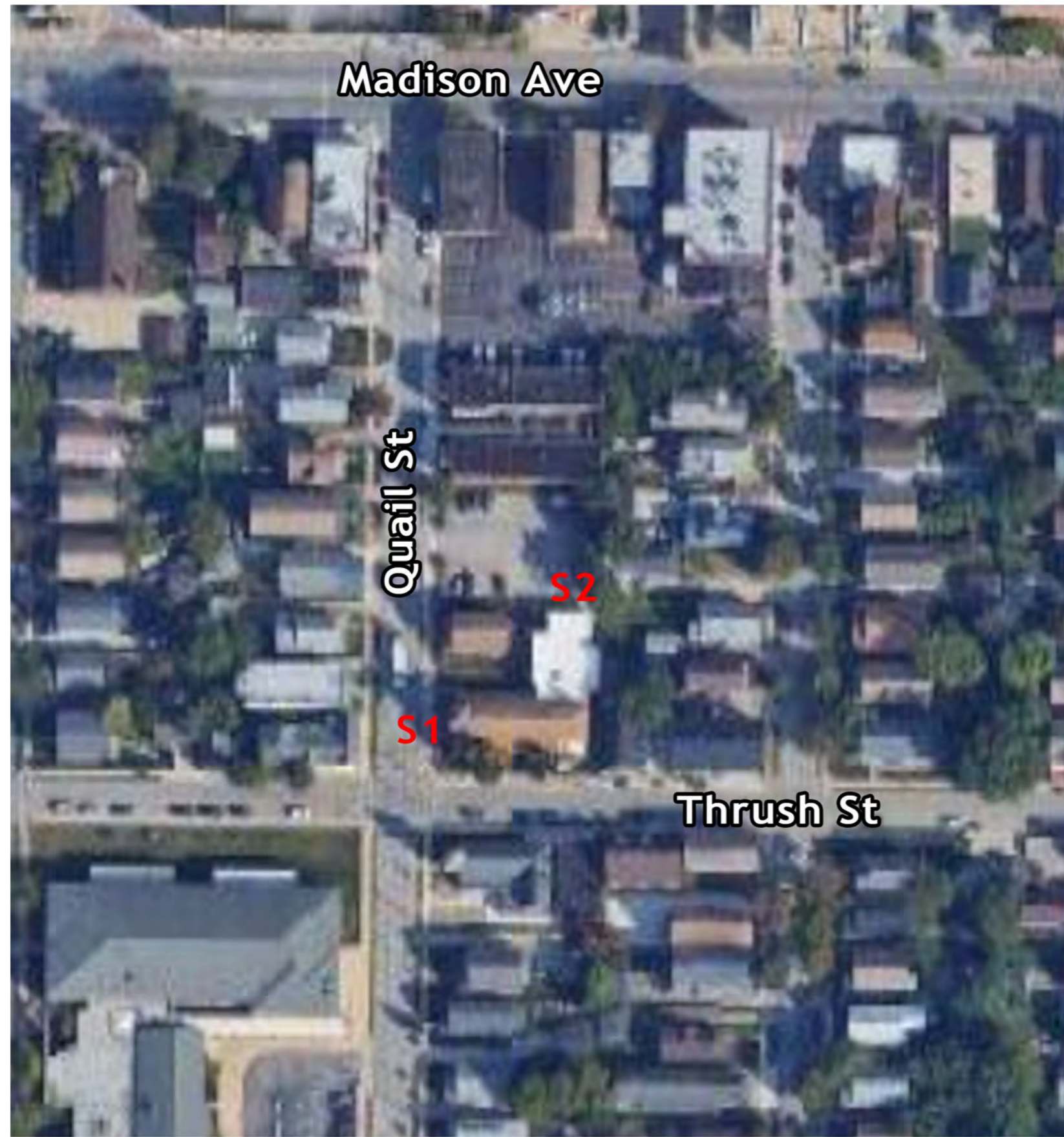


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	SQUARE FOOTAGE 65.9 ft. ²					

Sam Franklin



SCOPE OF PROJECT

i. One (1) set of non-illuminated channel letters & FCO acrylic copy



COLORS



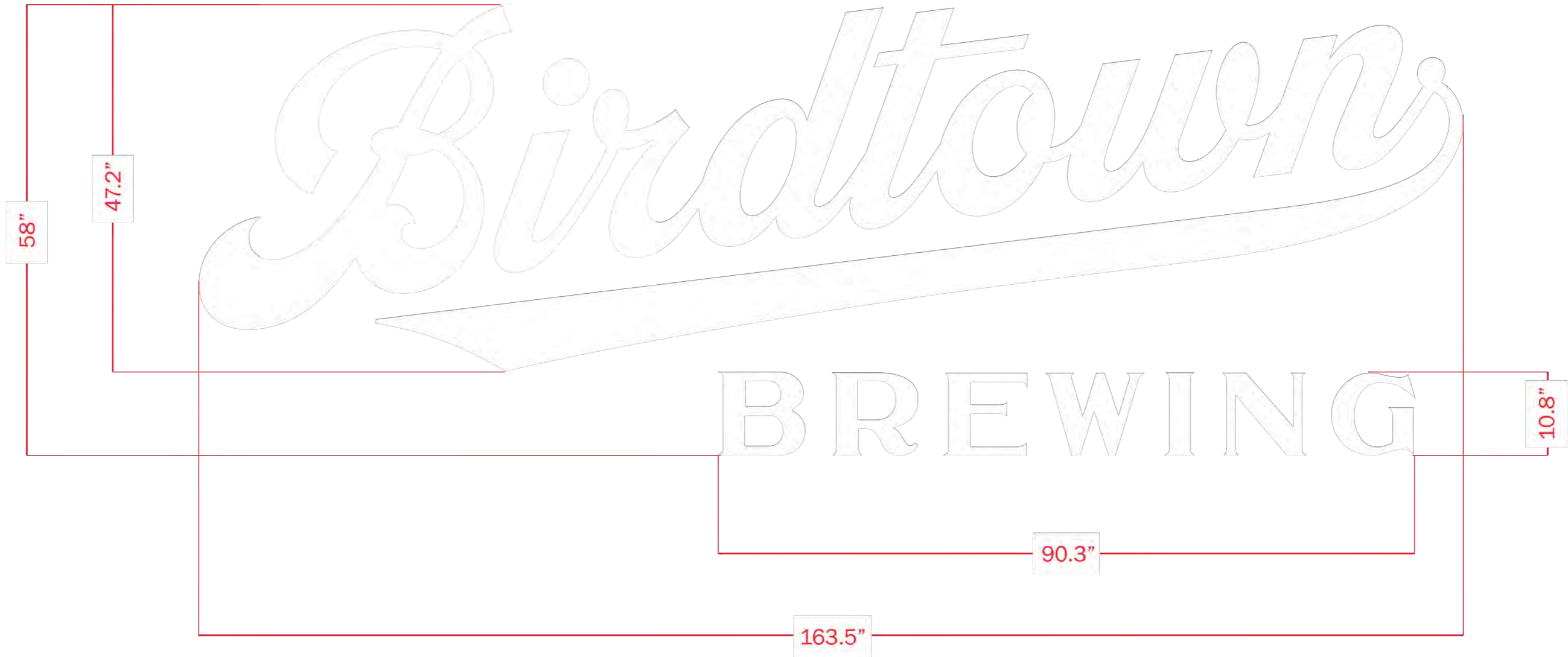
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<p>BIRDTOWN BREWING QUAIL ST, LAKEWOOD, OH 44107</p>	<p>VERSIONS V1: 12/16/25</p>	<p>DATE 12/16/25</p>	<p>PROJECT MANAGER ANNA A.</p>	<p>PAGE DESCRIPTION LOCATION & SCOPE</p>	<p>PAGE NO. 1 OF 7</p>
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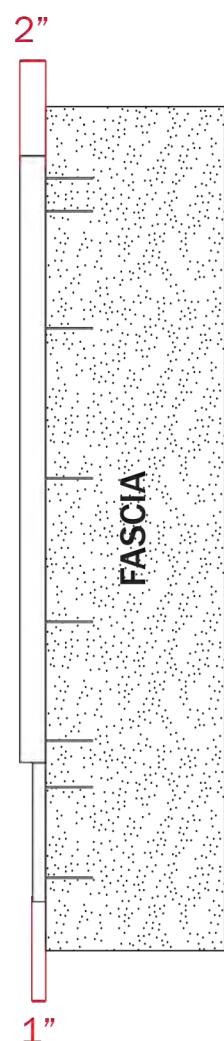
<p>COLORS</p> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 20px; background-color: white; border: 1px solid black; margin-right: 5px;"></div> <p>White</p> </div>	<p>MATERIALS</p> <p>A. "Birdtown" script FACES: .090 aluminum, painted white RETURNS: 2" .080 aluminum, painted white PAINT: Std. white, satin MOUNTING: Pads & threaded aluminum studs for flush mount to brick fascia</p> <p>B. "BREWING" ALL COPY: 1" FCO acrylic, painted white PAINT: Std. white, satin MOUNTING: Threaded aluminum studs for flush mount to brick fascia</p>
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DIRECT SIDE VIEW



ORTHOGRAPHIC VIEW



COLORS	MATERIALS
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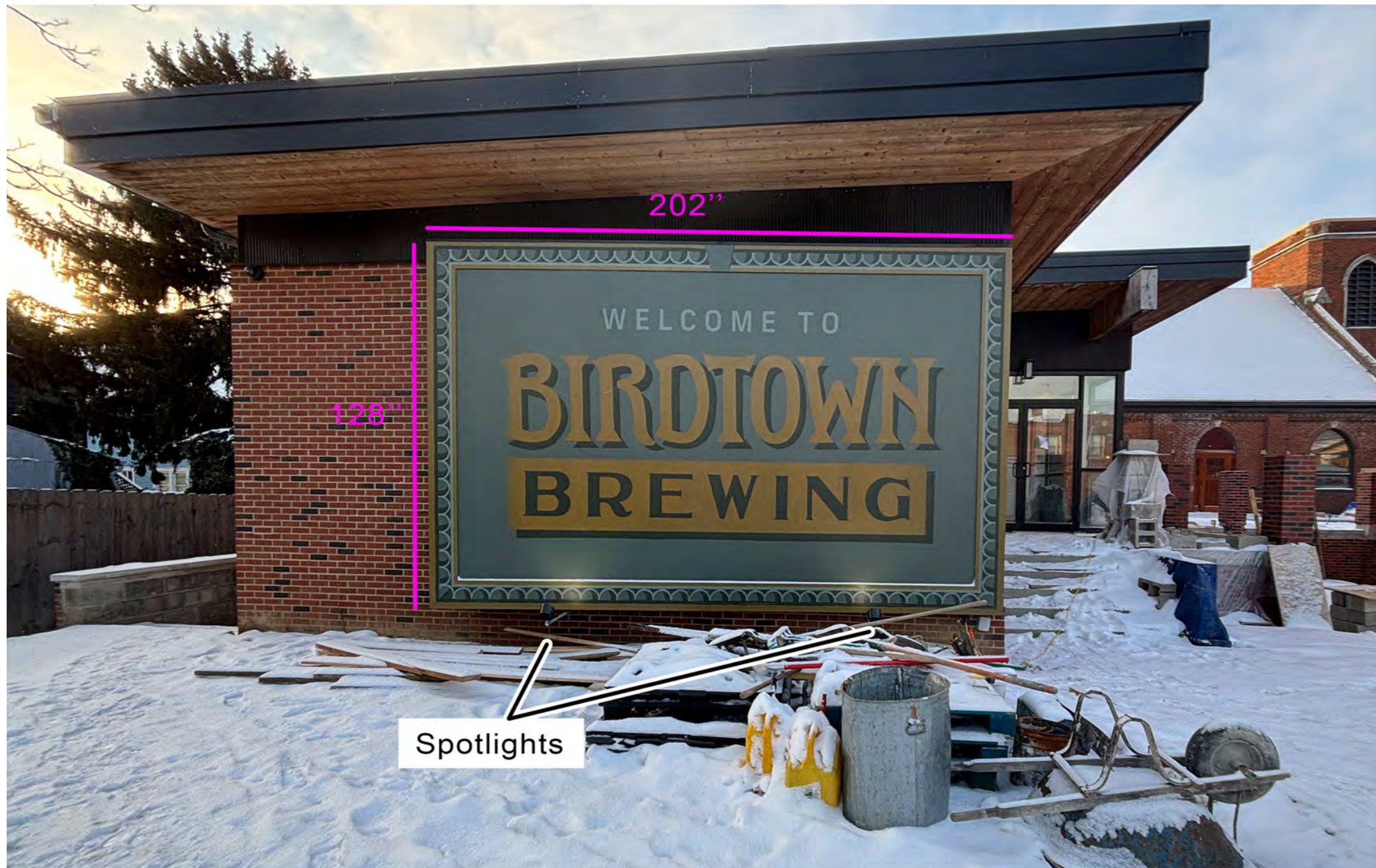
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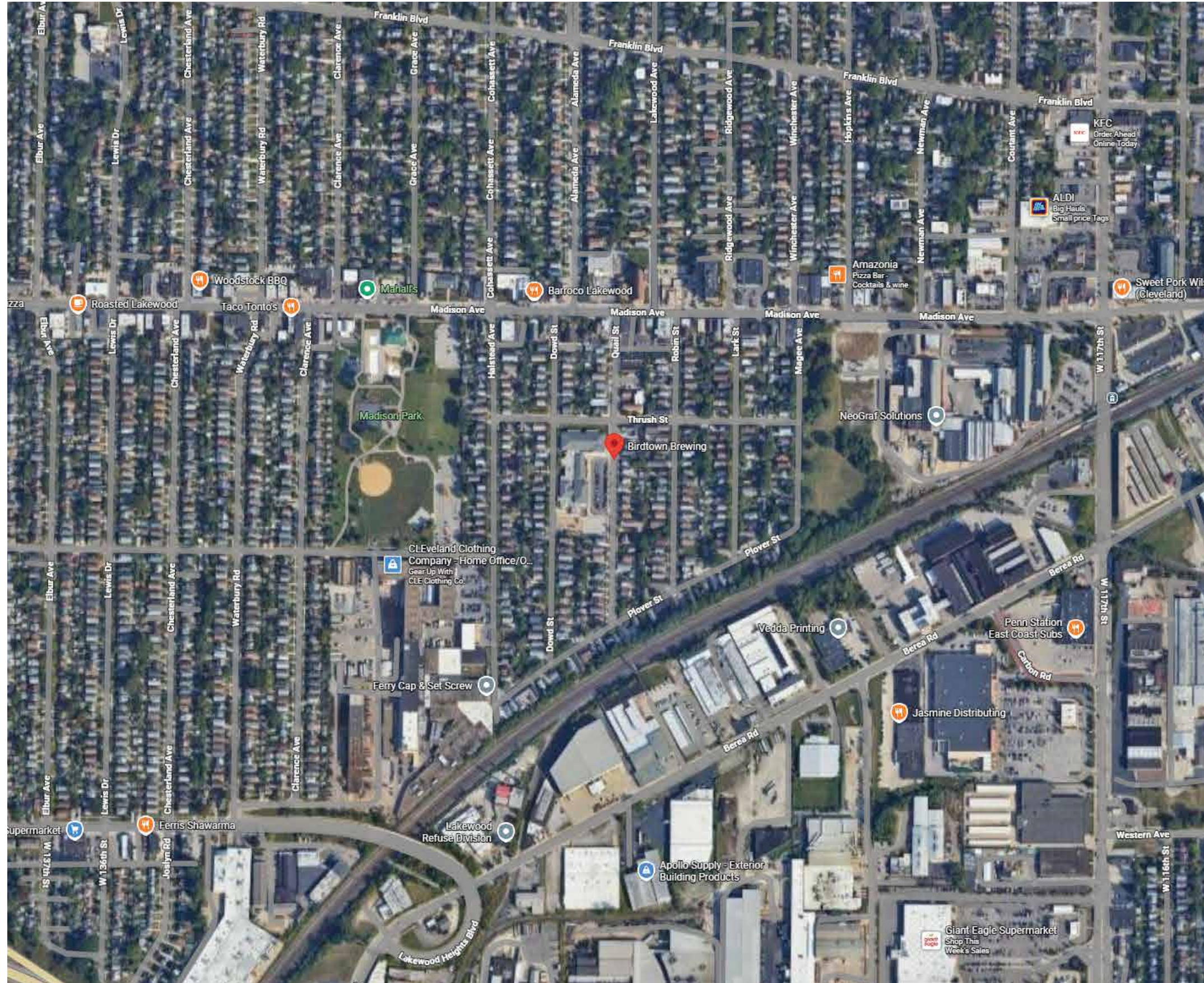
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<p>BIRDTOWN BREWING QUAIL ST, LAKEWOOD, OH 44107</p>	<p>OVERALL DIMENSIONS 10'8" x 16'10" x 23" SQUARE FOOTAGE 178 ft²</p>	<p>SCALE AS NOTED</p>	<p>DATE 12/16/25</p>	<p>PROJECT MANAGER ANNA A.</p>	<p>PAGE DESCRIPTION MOCK-UP ON SITE - DAY</p>	<p>PAGE NO. 7 OF 7</p>
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BIRDTOWN BREWING



SCOPE OF PROJECT

i. One (1) set of non-illuminated channel letters & FCO acrylic copy



COLORS

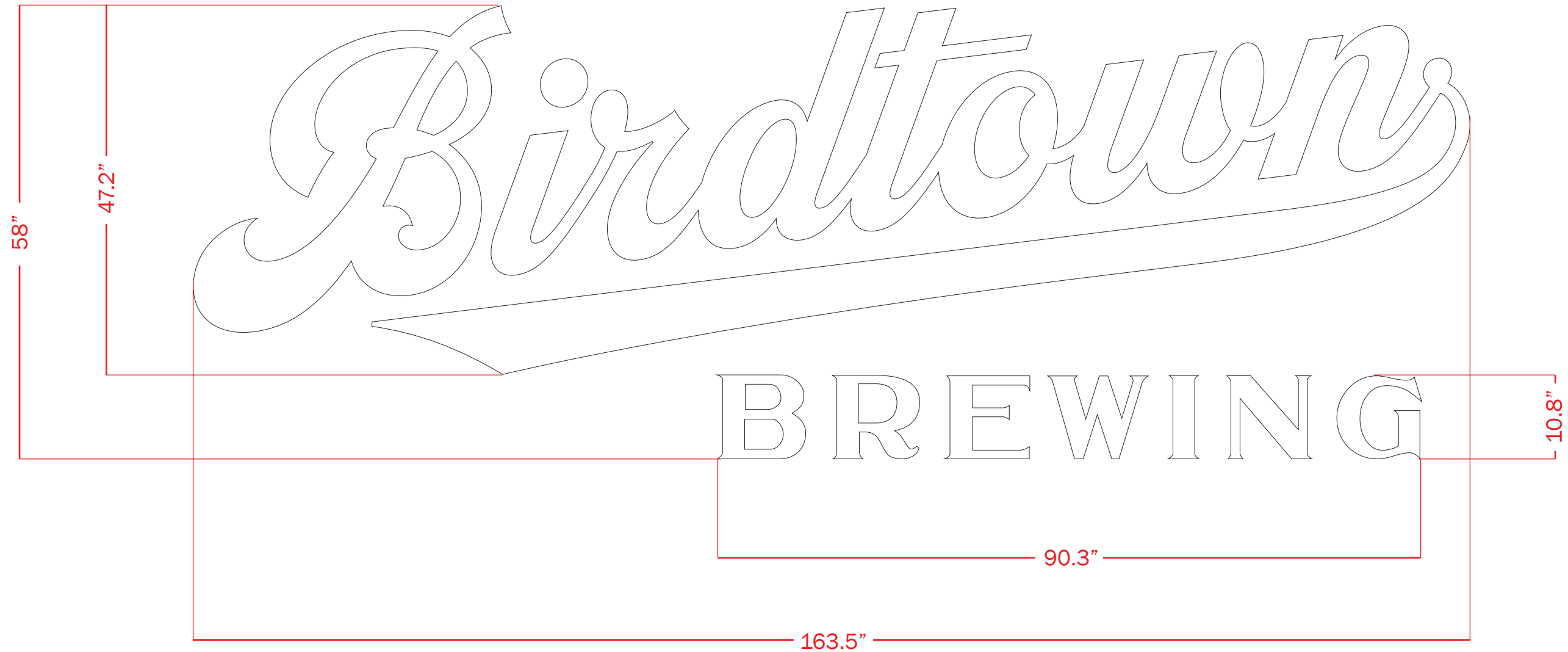


White

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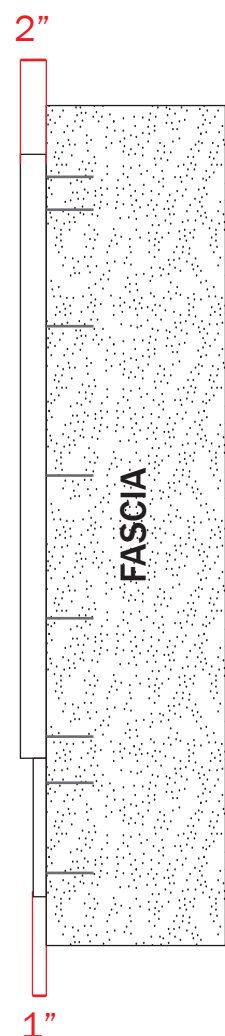
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DIRECT SIDE VIEW



ORTHOGRAPHIC VIEW



<p>COLORS</p> <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; width: 20px; height: 20px; margin-right: 5px;"></div> <p>White</p> </div>	<p>MATERIALS</p> <p>A. "Birdtown" script FACES: .090 aluminum, painted white RETURNS: 2" .080 aluminum, painted white PAINT: Std. white, satin MOUNTING: Pads & threaded aluminum studs for flush mount to brick fascia</p> <p>B. "BREWING" ALL COPY: 1" FCO acrylic, painted white PAINT: Std. white, satin MOUNTING: Threaded aluminum studs for flush mount to brick fascia</p>
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WELCOME TO
BIRCHMOUNT
BREWING







WELCOME TO
BIRDTOWN
BREWING

PRIVATE
PROPERTY
NO TRESPASSING
IF YOU SEE
ANYTHING
CALL
781-337-3338



City of Lakewood
Board of Building Standards •
Architectural Board of Review •
Sign Review Board

P: (216) 529-6630
F: (216) 529-5907
planning@lakewoodoh.gov

Application Cover Page

Docket No.: 01-08-26

Permit No.: BBS25-000135

Applicant Name: Jake Szaraz, MJM Building Standards

Project Address: 14819 Lake Ave.

Project Name: N/A

Project: Applicant proposes a front porch addition.

12/12/20

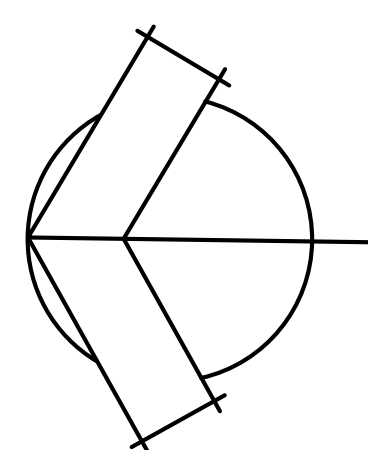
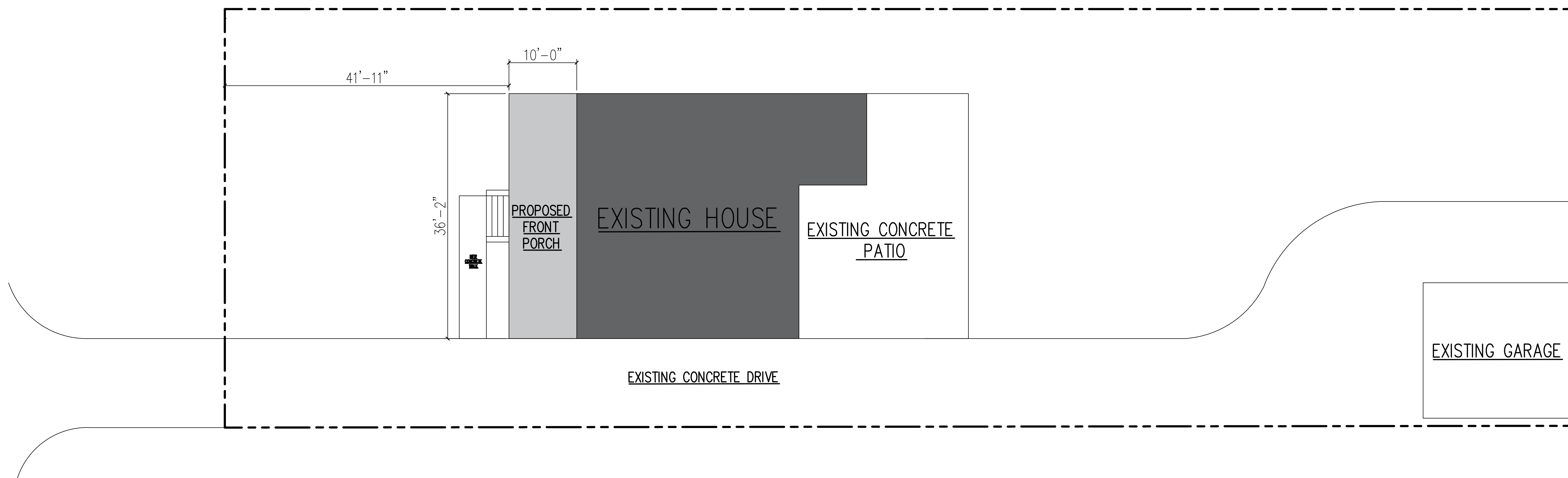


MJM BUILDING STANDARDS INC.

A Project for:

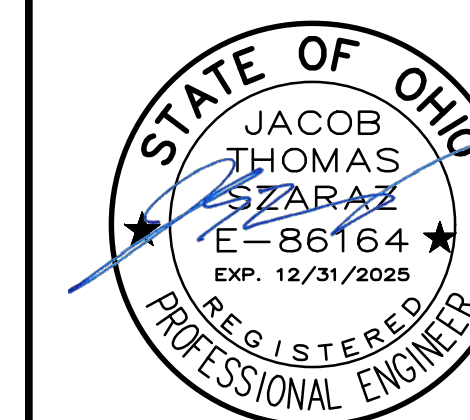
Szaraz Residence
14819 Lake Ave
LAKEWOOD OH 44107

LAKE AVENUE



ARCHITECTURAL SITE PLAN

1/8" = 1'-0"



No.	Description	Date

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

ARCHITECTURAL SITE PLAN

Sheet Number:
SP1.01

A Project for:

Szaraz Residence
 14819 Lake Ave
 LAKEWOOD OH 44107



No.	Description	Date

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

Sheet Number:



ELEVATION

1/2" = 1'-0"





14813

Lake Ave

Lake Ave

Lake Ave

Cook Ave

Cook Ave

Cook Ave

14823

14815





City of Lakewood
Board of Building Standards •
Architectural Board of Review •
Sign Review Board

P: (216) 529-6630
F: (216) 529-5907
planning@lakewoodoh.gov

Application Cover Page

Docket No.: 01-07-26

Permit No.: BBS25-000134

Applicant Name: Jake Szaraz, MJM Building Standards

Project Address: 15501 Madison Ave.

Project Name: Vital Pilates & Wellness

Project: Applicant proposes a second floor addition.

Handwritten signature in blue ink, appearing to read "A. J. ...".



FIRST FLOOR PLAN

3/8" = 1'-0"



MJM BUILDING STANDARDS INC.

A Project for:

VITAL PILATES ADDITION

15501 MADISON AVE.
LAKEWOOD OH 44107



No.	Description	Date

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

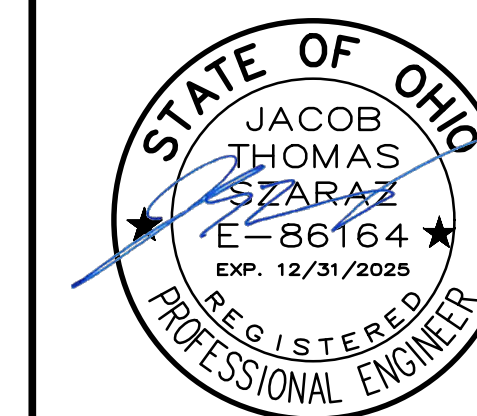
FIRST FLOOR

Sheet Number:
A1.01

A Project for:

VITAL PILATES ADDITION

15501 MADISON AVE.
LAKEWOOD OH 44107



No.	Description	Date
	Revised for ARB Comments	1-20-2026

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

SOUTH ELEVATIONS

Sheet Number:
A2.01
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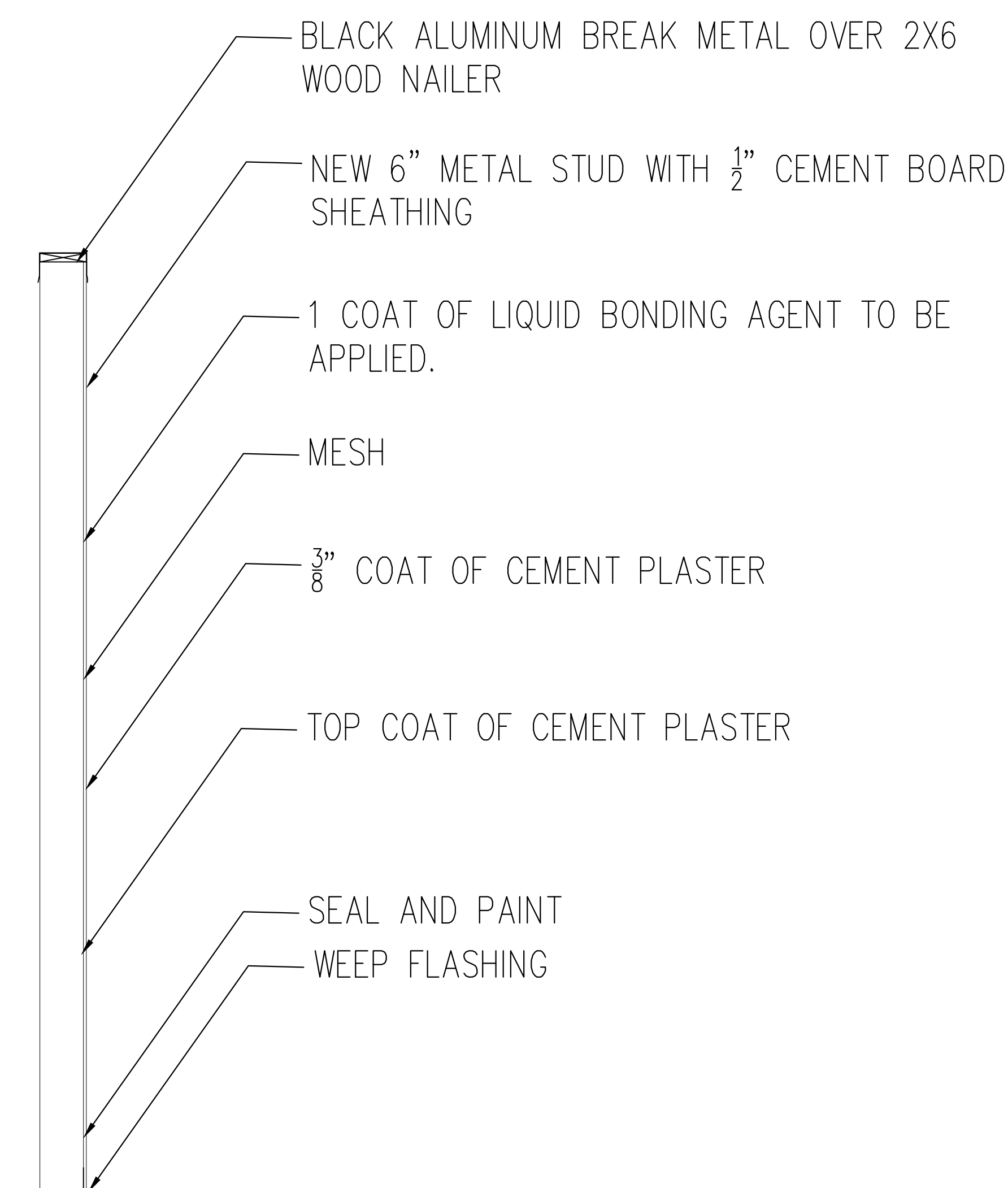
SOUTH ELEVATION
1/4" = 1'-0"

NEW 1" GREY TINTED LOW-E GLASS IN BLACK METAL FRAMING

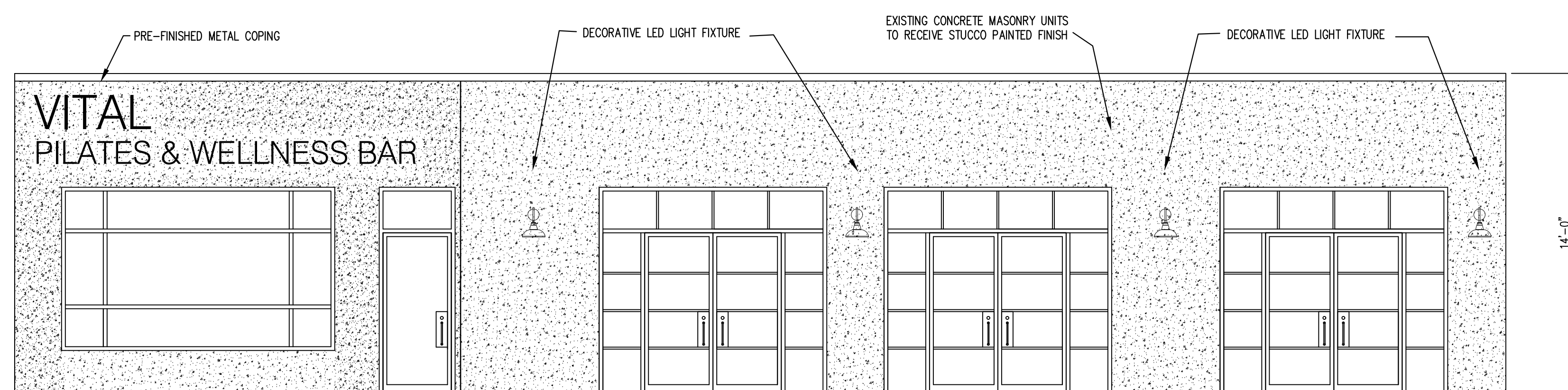
RELOCATED WINDOW & DOOR

2ND FLOOR ADDITION HEIGHT

EXISTING FIRST FLOOR HEIGHT



STUCCO DETAIL



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

PRE-FINISHED METAL COPING

DECORATIVE LED LIGHT FIXTURE

EXISTING CONCRETE MASONRY UNITS TO RECEIVE STUCCO PAINTED FINISH

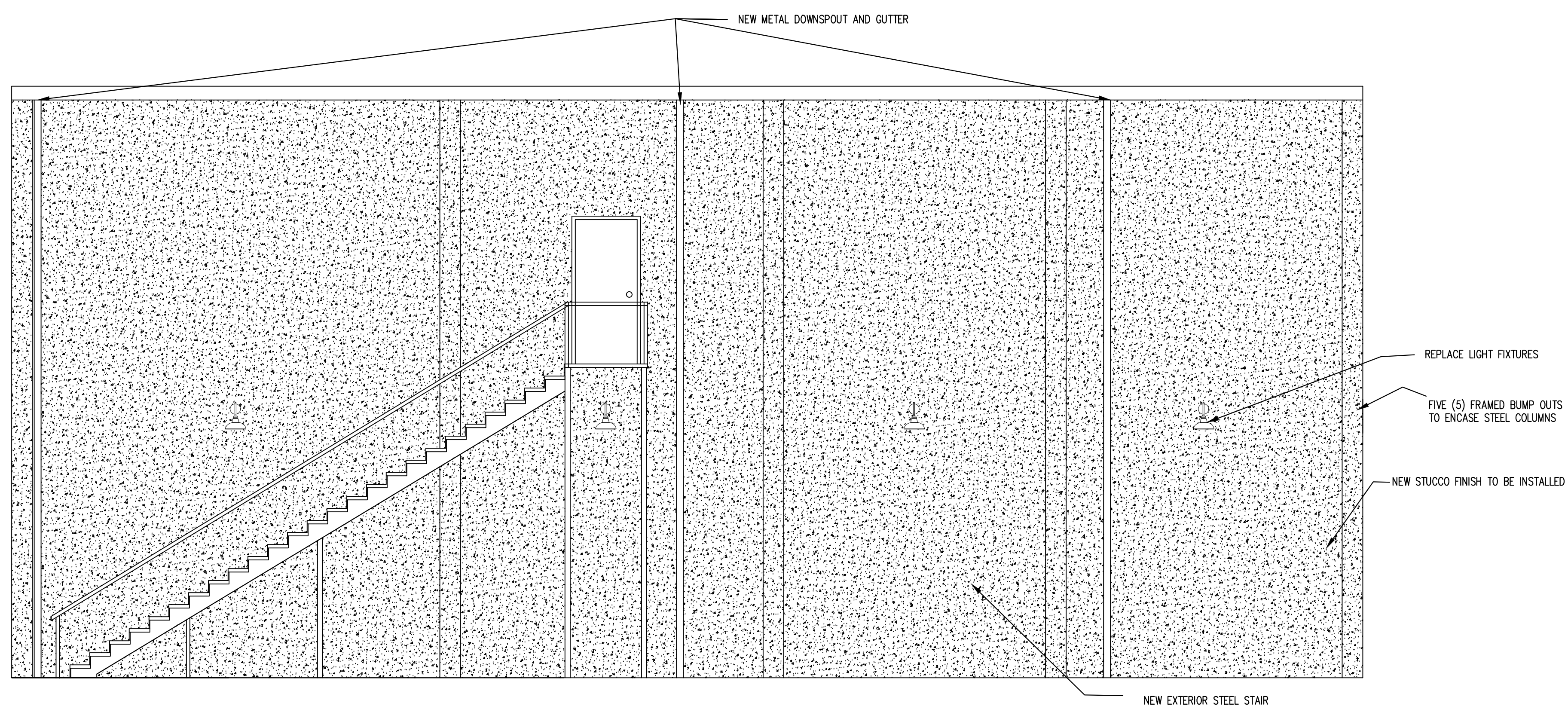
DECORATIVE LED LIGHT FIXTURE

14'-0"

A Project for:

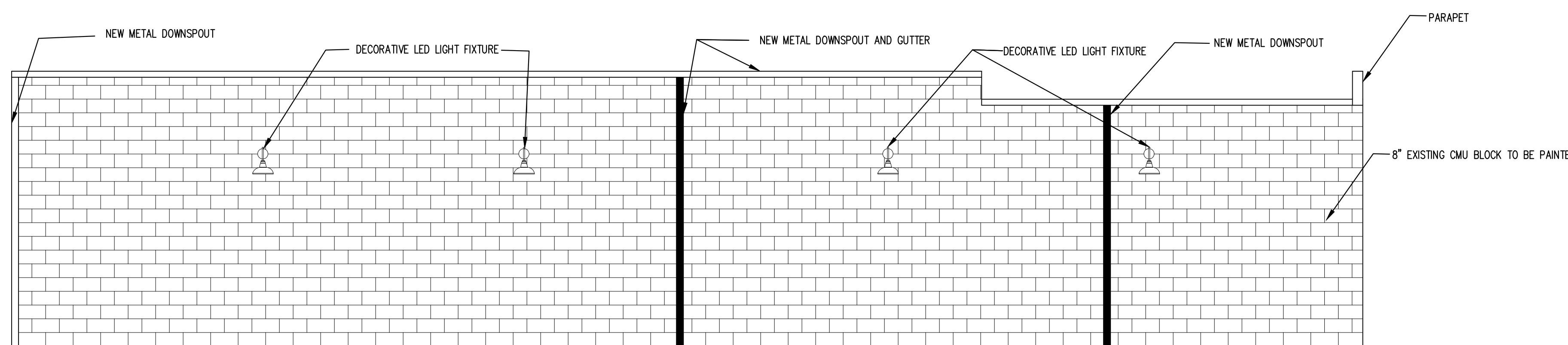
VITAL PILATES ADDITION

15501 MADISON AVE.
LAKEWOOD OH 44107



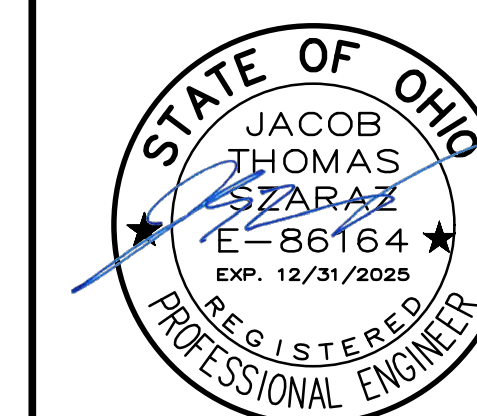
NORTH ELEVATION

1/4" = 1'-0"



EXISTING NORTH ELEVATION

1/4" = 1'-0"



No.	Description	Date
	Revised for ARB Comments	1-20-2026

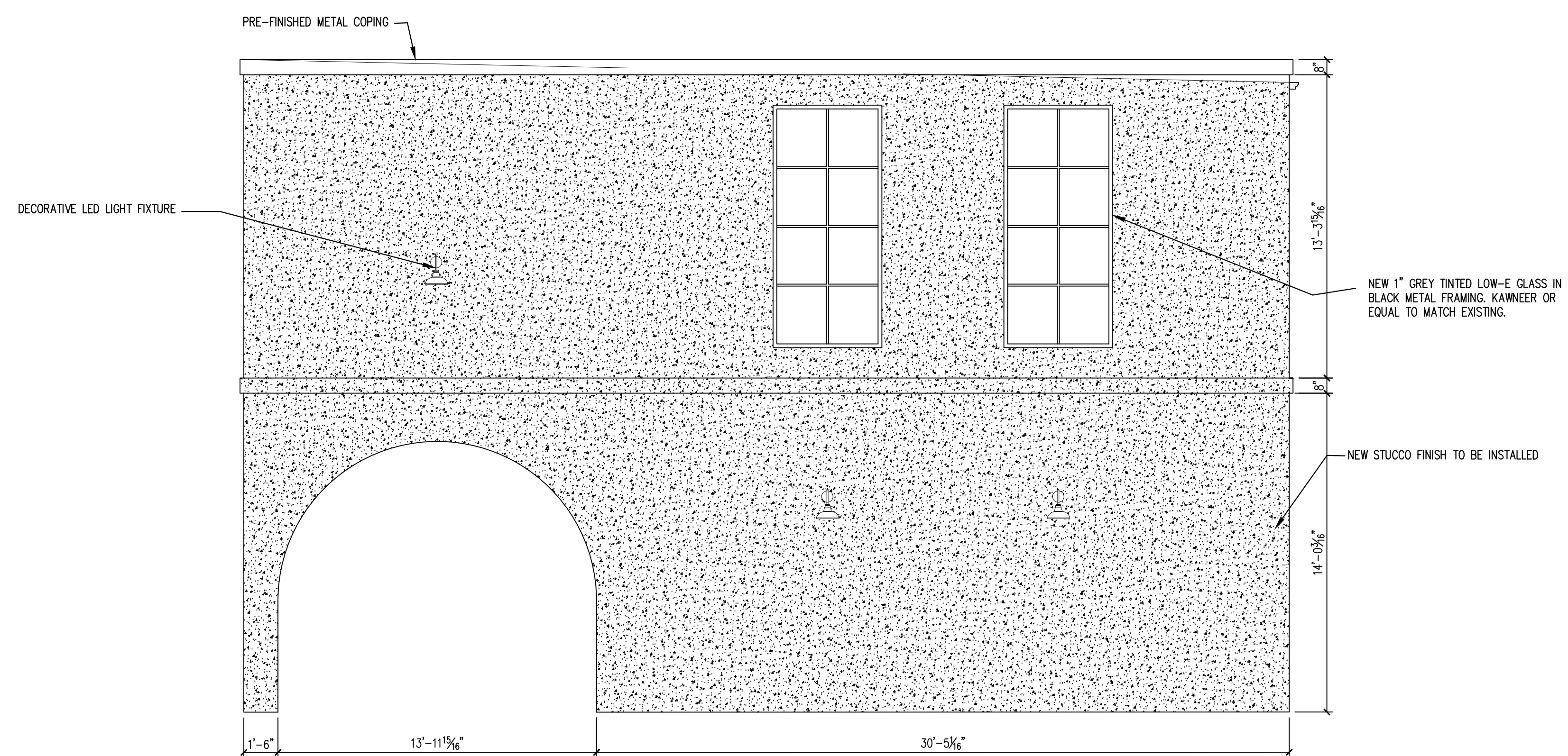
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NORTH ELEVATIONS

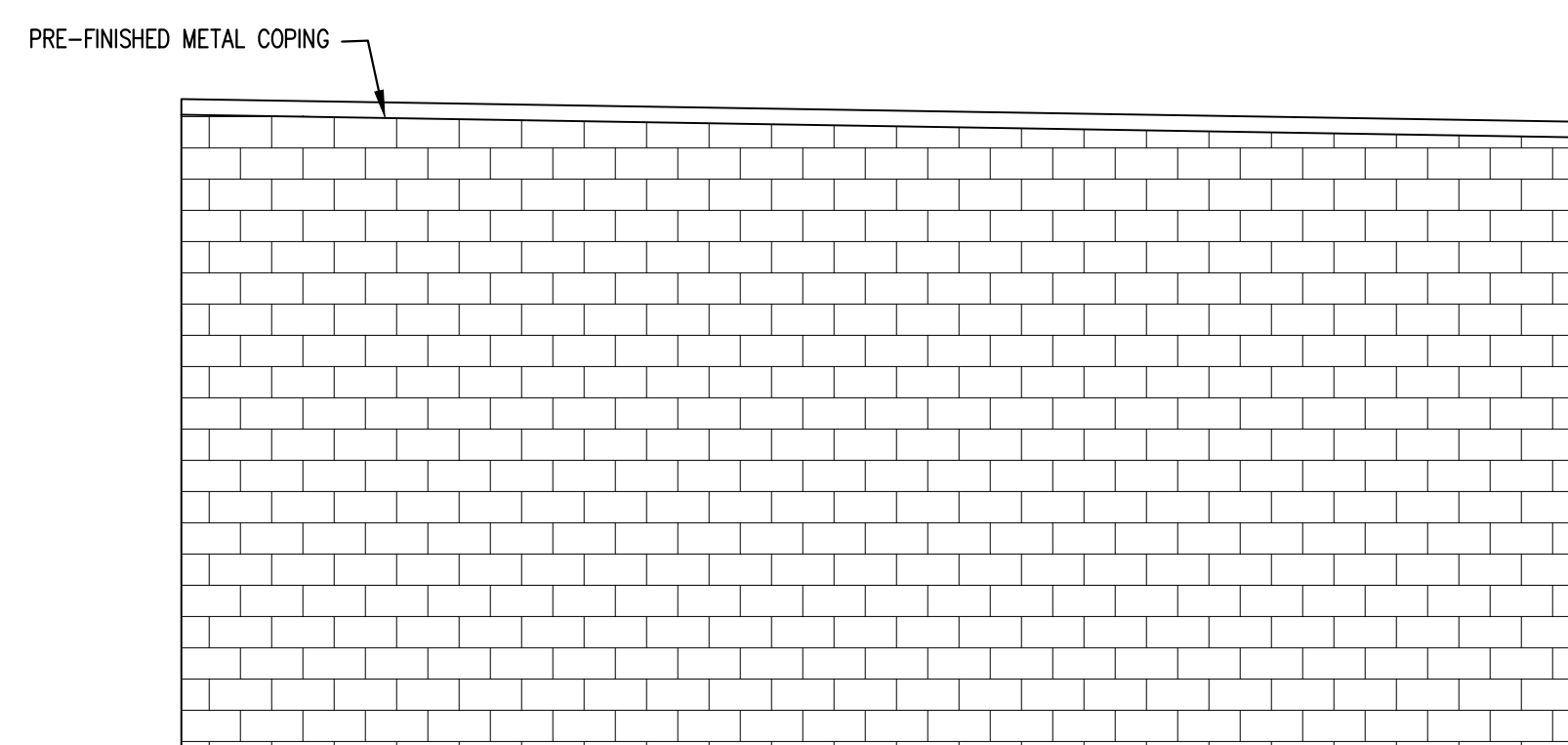
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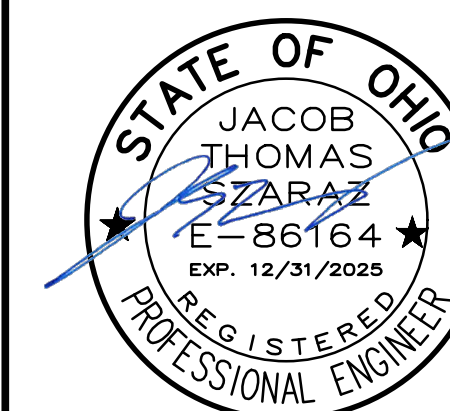
VITAL PILATES ADDITION
 15501 MADISON AVE.
 LAKEWOOD OH 44107



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



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



No.	Description	Date
	Revised for ARB Comments	1-20-2025

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

WEST ELEVATIONS

Sheet Number:
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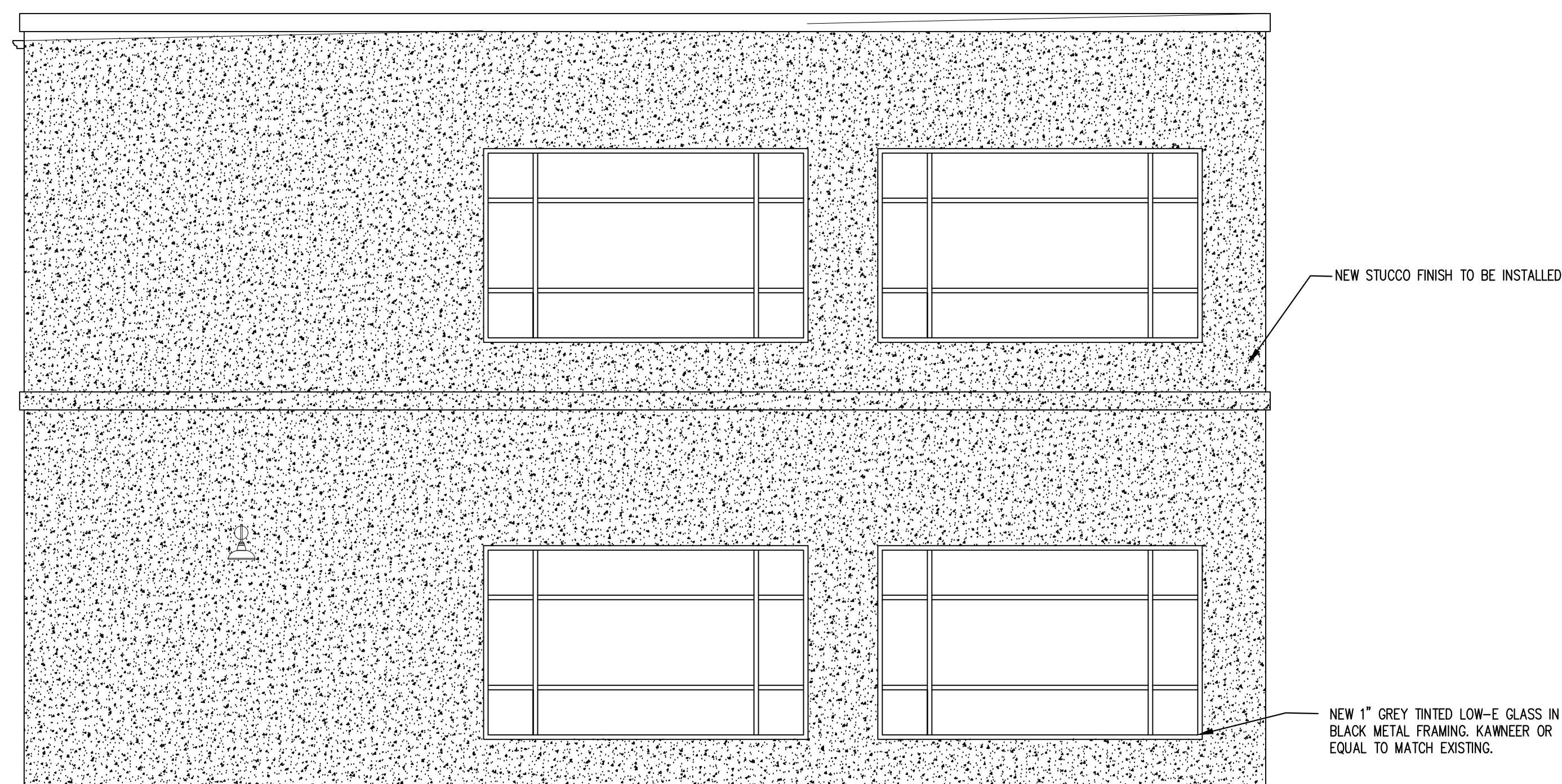


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A Project for:

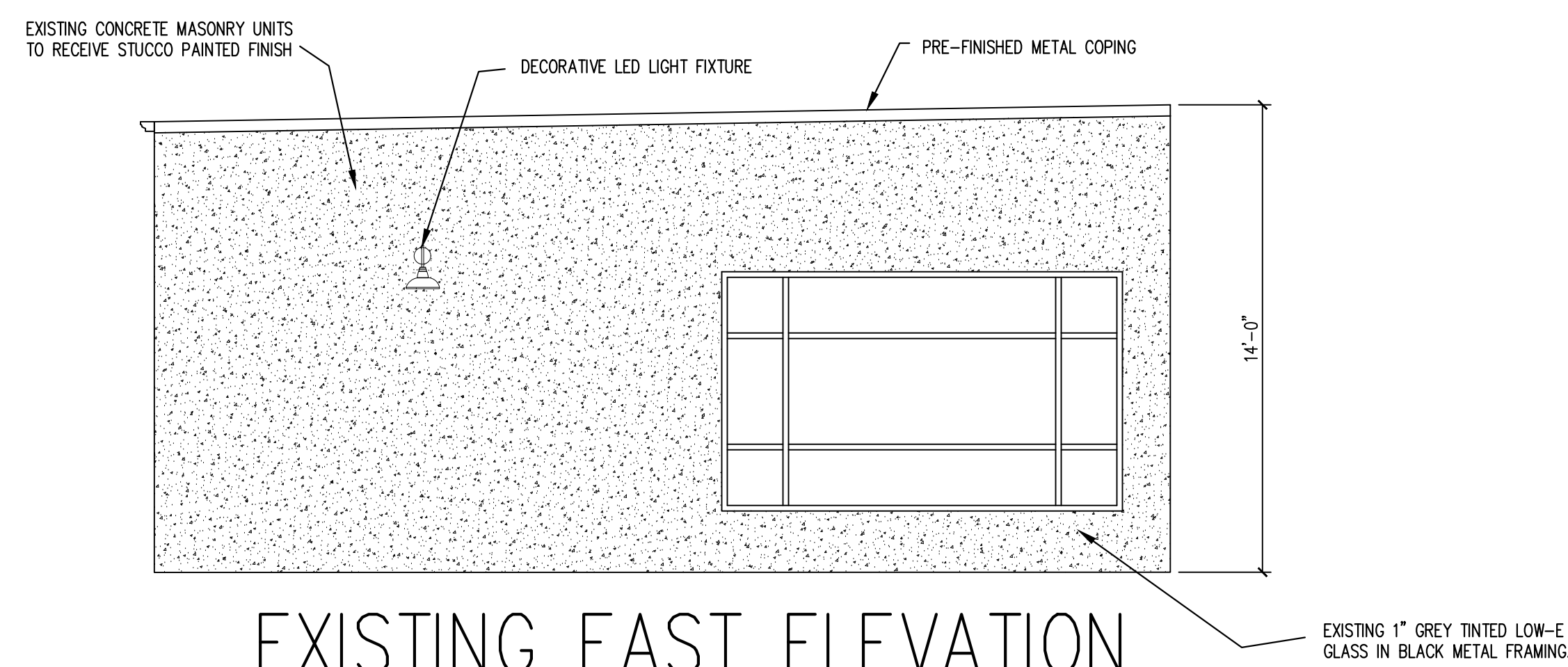
VITAL PILATES ADDITION

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LAKEWOOD OH 44107



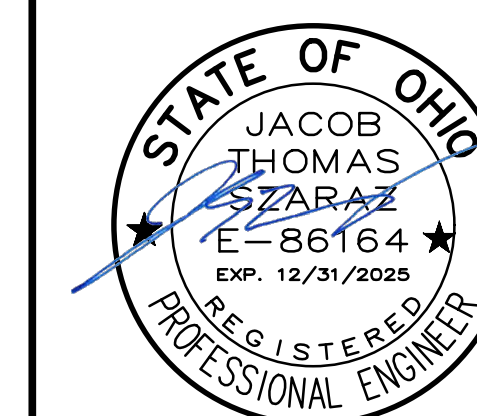
EAST ELEVATION

1/4" = 1'-0"



EXISTING EAST ELEVATION

1/4" = 1'-0"



No.	Description	Date
	Revised for ARB Comments	1-20-2026

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

EAST ELEVATIONS

Sheet Number:
A2.04
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Vital
Pilates & Wellness Bar





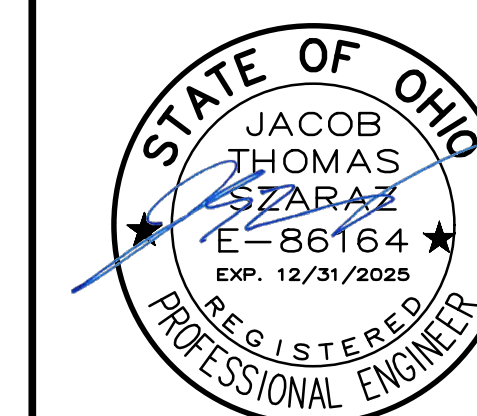


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VITAL PILATES ADDITION

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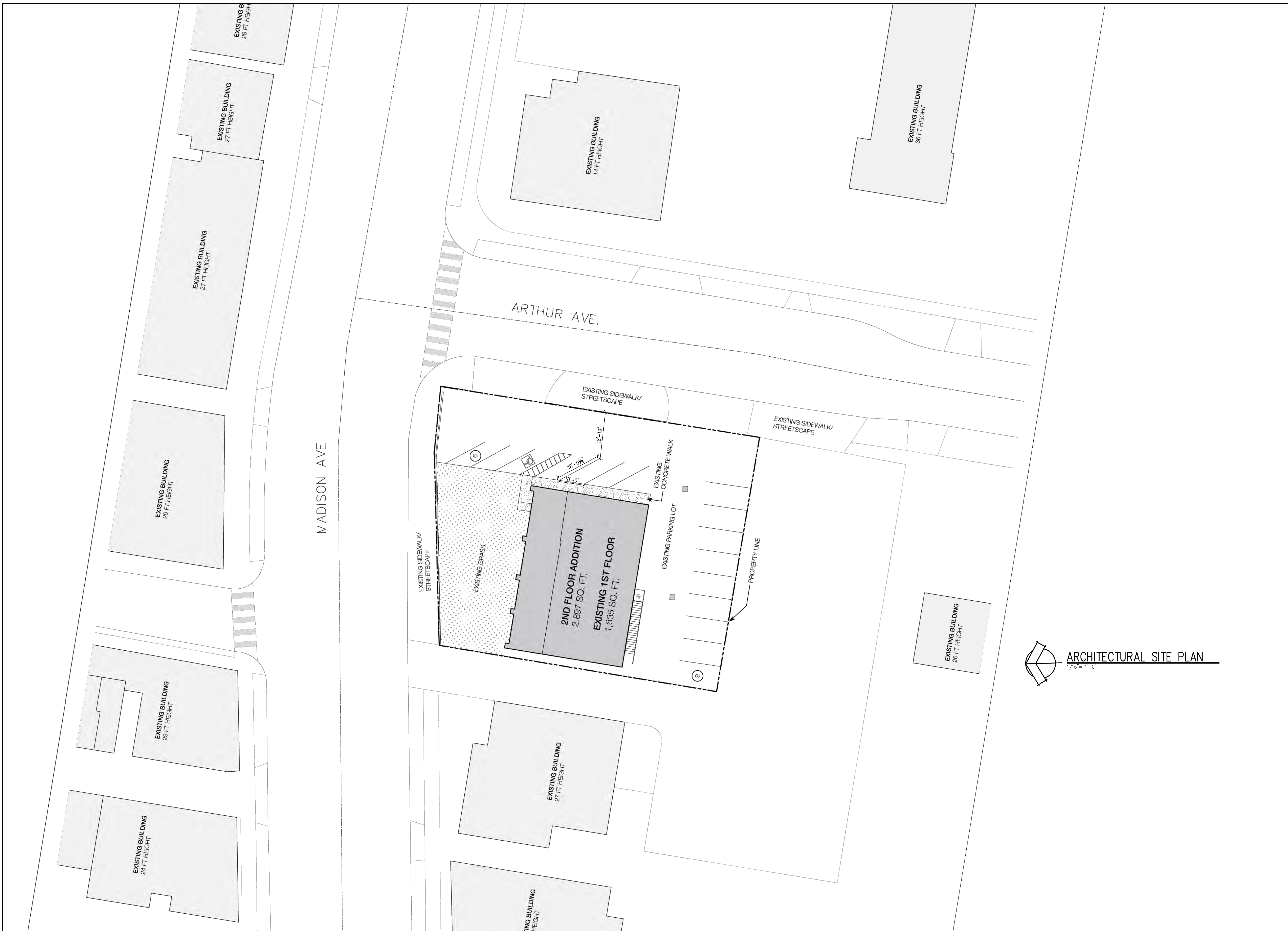
No.	Description	Date
	Revised for ARB Comments	1-20-2026

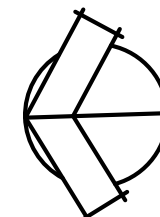
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 Scale: AS NOTED
 Sheet Name:

SITE PLAN

Sheet Number:
SP1.01

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 **ARCHITECTURAL SITE PLAN**
 1/16" = 1'-0"

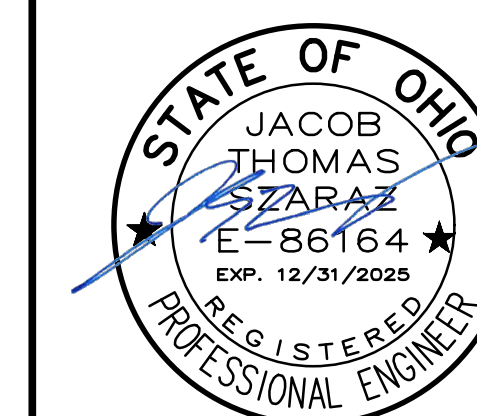


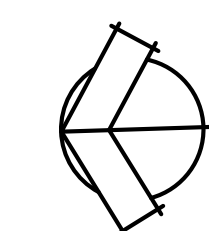
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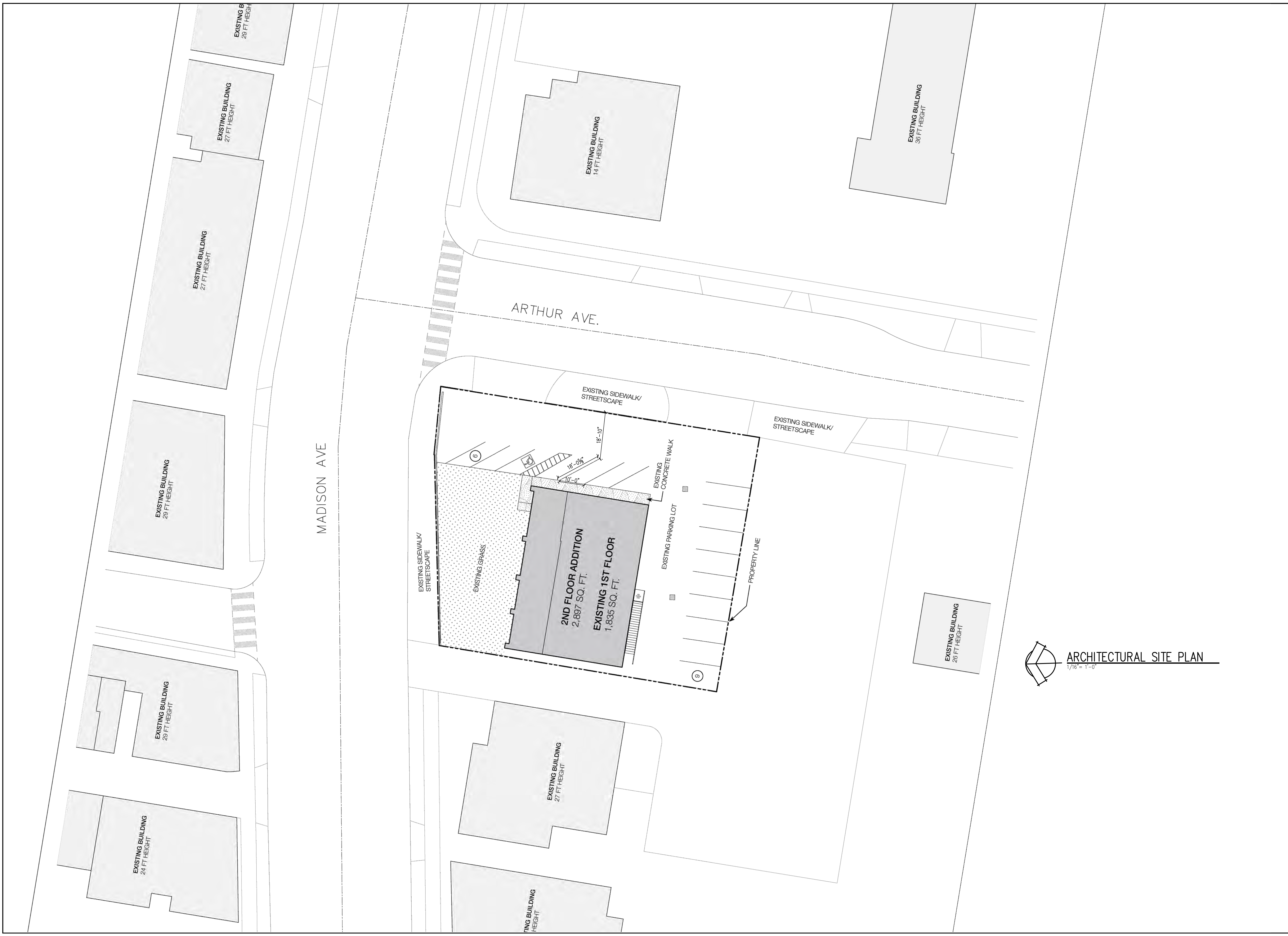
A Project for:

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 ARCHITECTURAL SITE PLAN
1/16" = 1'-0"



No.	Description	Date
	Revised for ARB Comments	1-20-2026

Project No.:
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 Scale: AS NOTED
 Sheet Name:

SITE PLAN

Sheet Number:
SP1.01
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