



This item has been TABLED administratively

NEW BUSINESS

SIGN REVIEW

7. Docket No. 01-01-26

**13523 Detroit Ave.  
Little Buckeye Learning Center**

- Approve
- Deny
- Defer

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

Applicant proposes new ground sign, wall sign, and window sign.

8. Docket No. 01-03-26

**1435 Warren Rd  
CPR Ohio**

- Approve
- Deny
- Defer

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

Applicant proposes new wall signage.

9. Docket No. 01-04-26

**14519 Madison Ave.  
Spin Bike Shop**

- Approve
- Deny
- Defer

Ray Wagner  
2204 Olive Ave.  
Lakewood, OH 44107

Applicant proposes new neon window signage.

10. Docket No. 01-05-26

**15640 Madison Ave.  
CB Photo**

- Approve
- Deny
- Defer

Craig Brown  
CB Photo  
15644 Madison Ave., STE 210  
Lakewood, OH 44107

Applicant proposes new signage on the door.

11. Docket No. 01-09-26

**2007 Carabel Ave.  
Absolute Legends & Collectibles**

- Approve
- Deny
- Defer

Javier Sandate  
Absolute Legends & Collectibles  
4201 Biddulph  
Cleveland, OH 44109

Applicant proposes new window signage.

**12. Docket No. 01-10-26**

**2035 Quail St.  
Birdtown Brewing**

- Approve
- Deny
- Defer

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

Applicant proposes new wall signage.

**13. Docket No. 01-11-26**

**13439 Detroit Ave.  
Forevergoldencle**

- Approve
- Deny
- Defer

Nicole Bozickovich  
Forevergoldencle  
3020 Rockefeller Rd.  
Willoughby Hills, OH 44092

Applicant proposes new window and neon signage.

**ARCHITECTURAL BOARD OF REVIEW**

**14. Docket No. 01-06-26**

**(C)**

**16806 Madison Ave.  
Cini**

- Approve
- Deny
- Defer

Gary Fischer  
Fischer & Associates Architects  
554 W 9<sup>th</sup> St.  
Lorain, OH 44052

Applicant proposes renovation of storefront.

**15. Docket No. 01-07-26**

**(C)**

**15501 Madison Ave  
Vital Pilates & Wellness**

- Approve
- Deny
- Defer

Jake Szaraz  
MJM Building Standards

Applicant proposes a second floor addition.

16. Docket No. 01-08-26

(R)

14819 Lake Ave.

- Approve
- Deny
- Defer

Jake Szaraz  
MJM Building Standards

Applicant proposes the construction of a front porch addition.

17. Docket No. 01-12-26

(R)

17620 Riverside Dr.

- Approve
- Deny
- Defer

Daniel Margulies  
Daniel Margulies Co Inc

Applicant proposes the construction of a new second floor addition and new detached garage.

## 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 Nochta at (216) 529-5906 [michelle.nochta@lakewoodoh.gov](mailto: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

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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.



---

**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](mailto:JasonL261313@gmail.com)

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

On Tue, Nov 11, 2025, 1:38 PM Lisa Davis <[ldavis@myoldworld.com](mailto: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.owh.com)



# Style Guide

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EVERYTHING YOU NEED TO  
KNOW ABOUT YOUR HOME

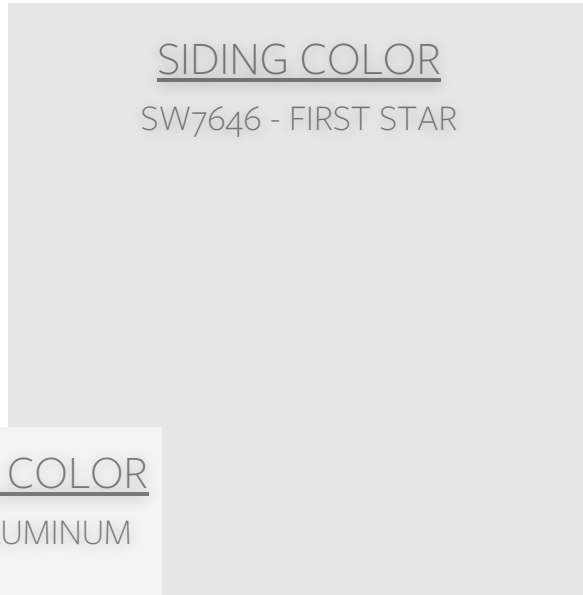
# LEÓN





SIDING

HARDIE SELECT CEDARMILL PLANK



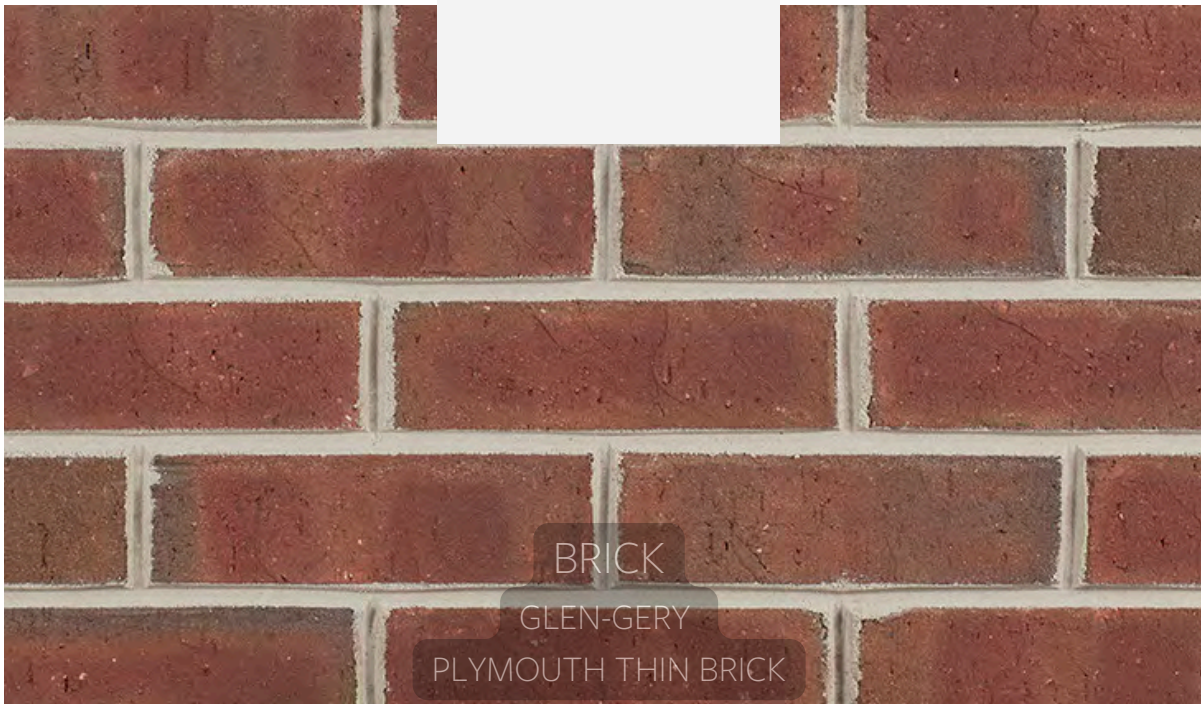
SIDING COLOR

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

BRADFORDN 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**

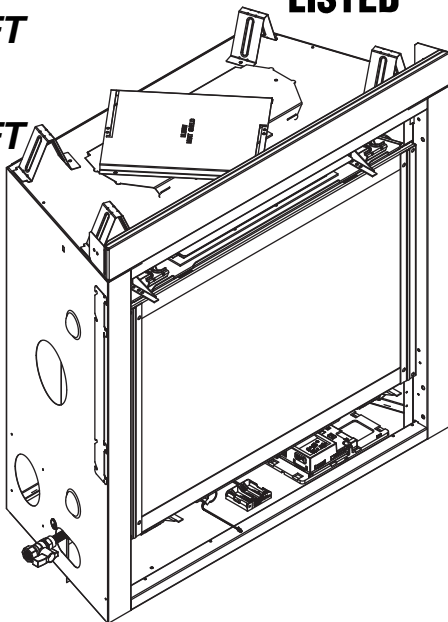
**SL-7-IFT**

**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](http://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.



# 1 Product Specific and Important Safety Information

## A. Appliance Certification

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

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.

<b>NOT INTENDED FOR USE AS A PRIMARY HEAT SOURCE.</b> 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.
--

## 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](http://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

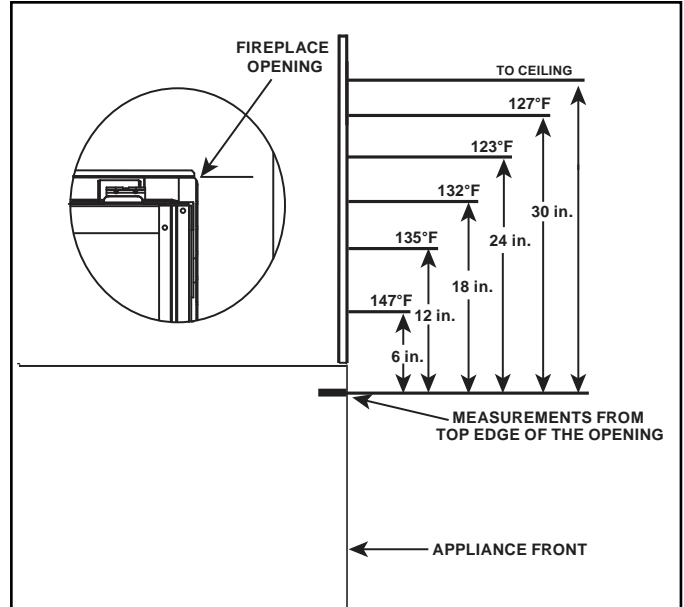


Figure 2.1 Good Faith Wall Surface Temperatures Above Appliance

**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.

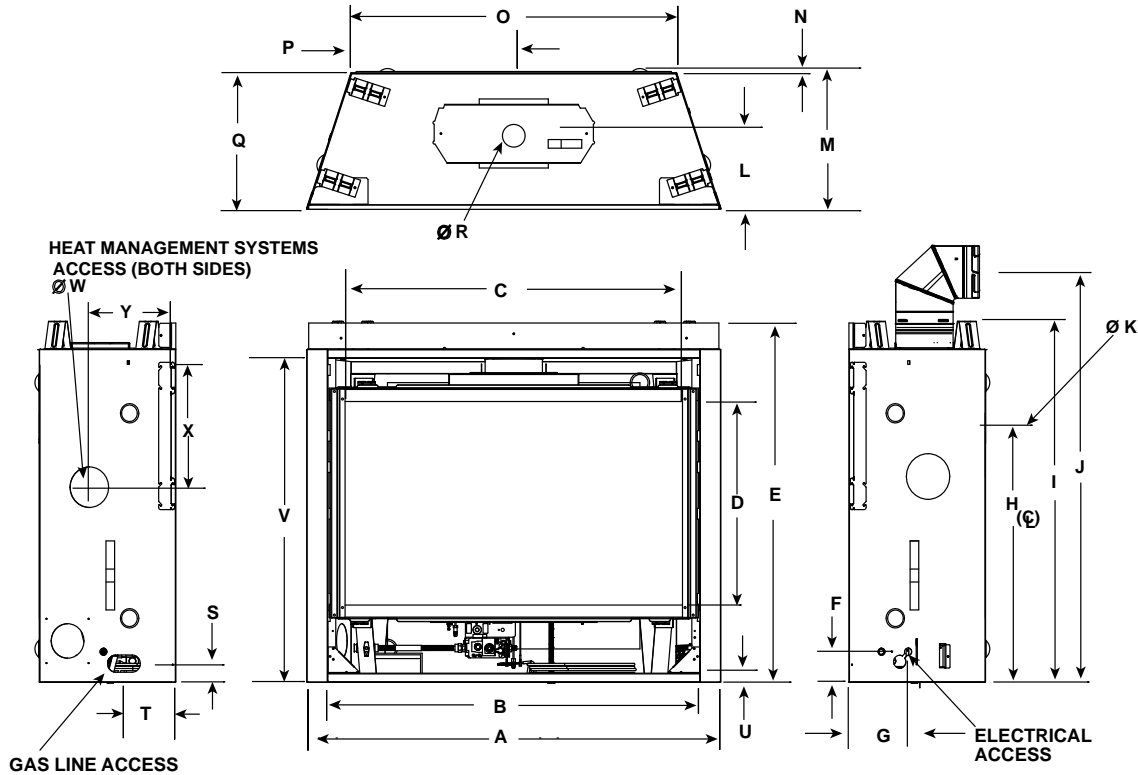
Hearth & Home Technologies disclaims any responsibility for, and the warranty will be voided by, the following actions:

- 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

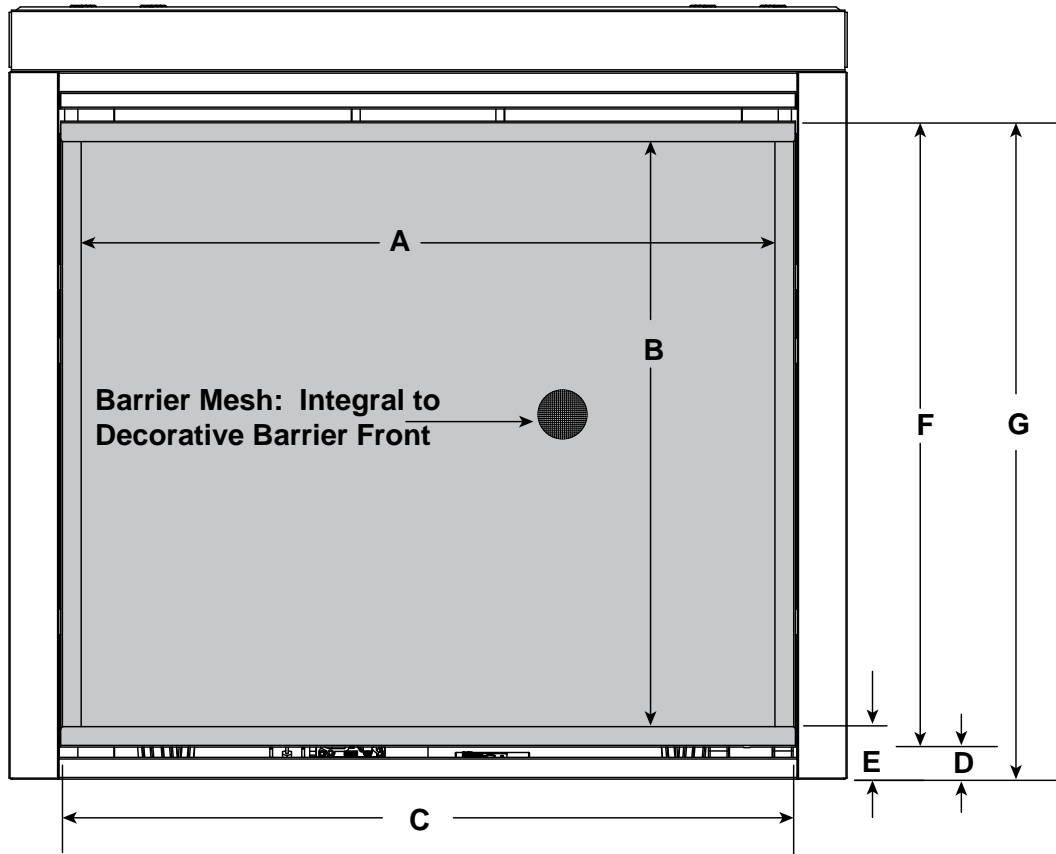
Figure 3.1 Appliance Dimensions

## 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

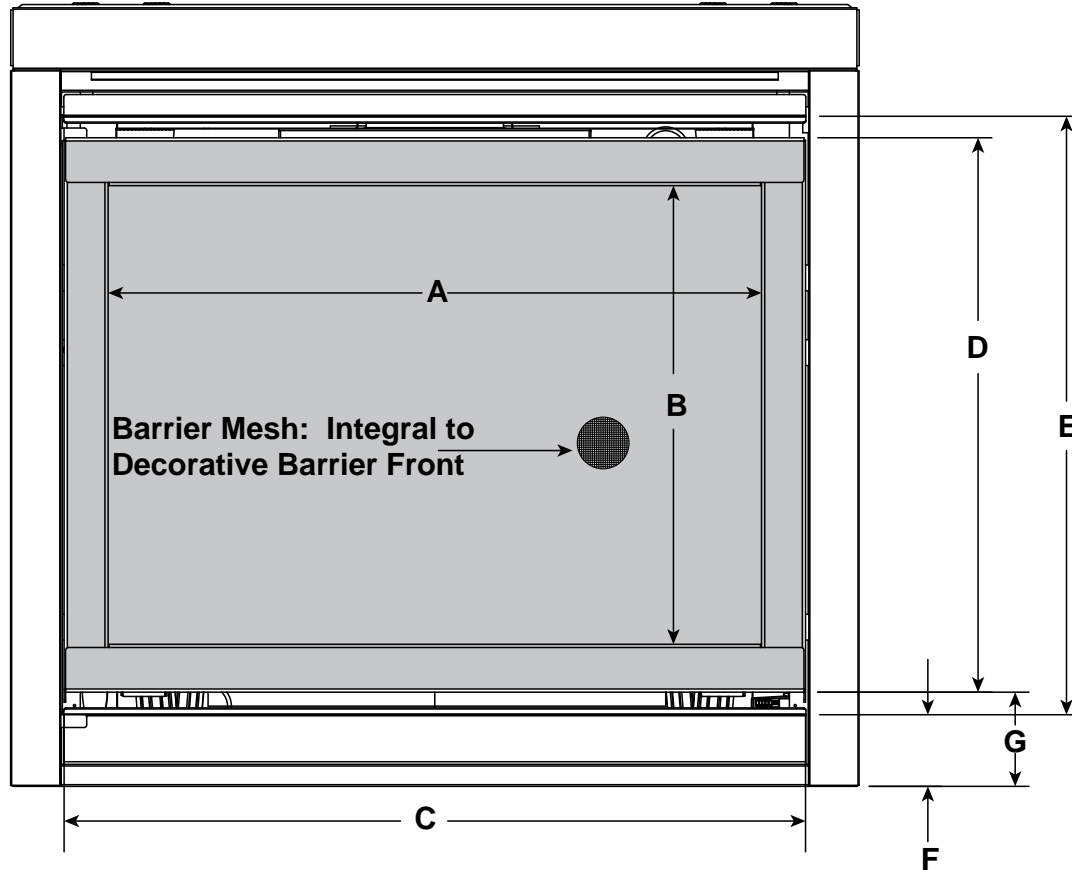
Figure 3.2 Decorative Barrier Front Dimensions - Firescreen

## 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

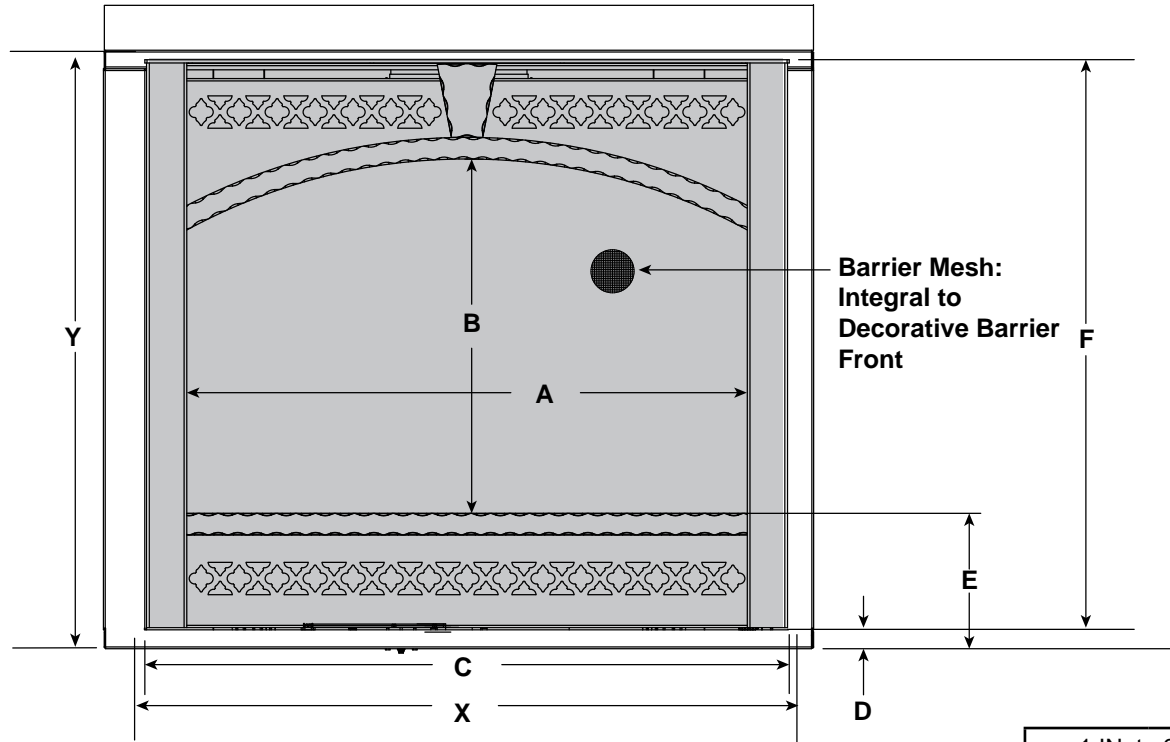
Figure 3.3 Dimensions - Clean Face Kit

## 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.



Barrier Mesh:  
Integral to  
Decorative Barrier  
Front

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		

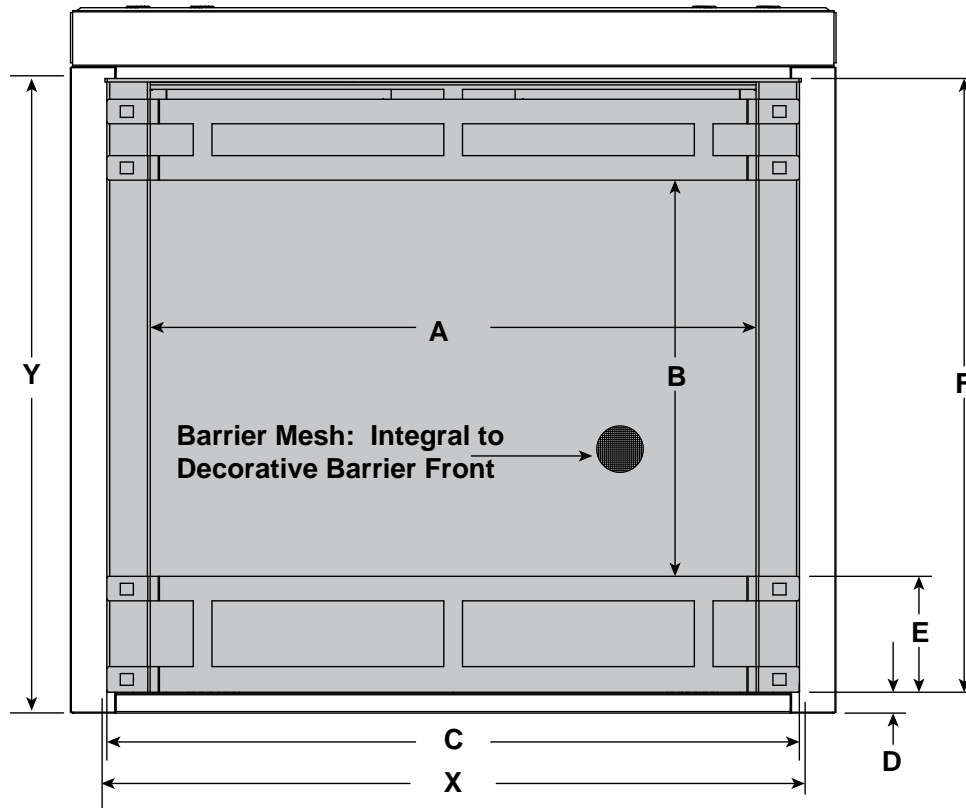
Figure 3.4 Decorative Barrier Front Dimensions - Chateau

## 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		

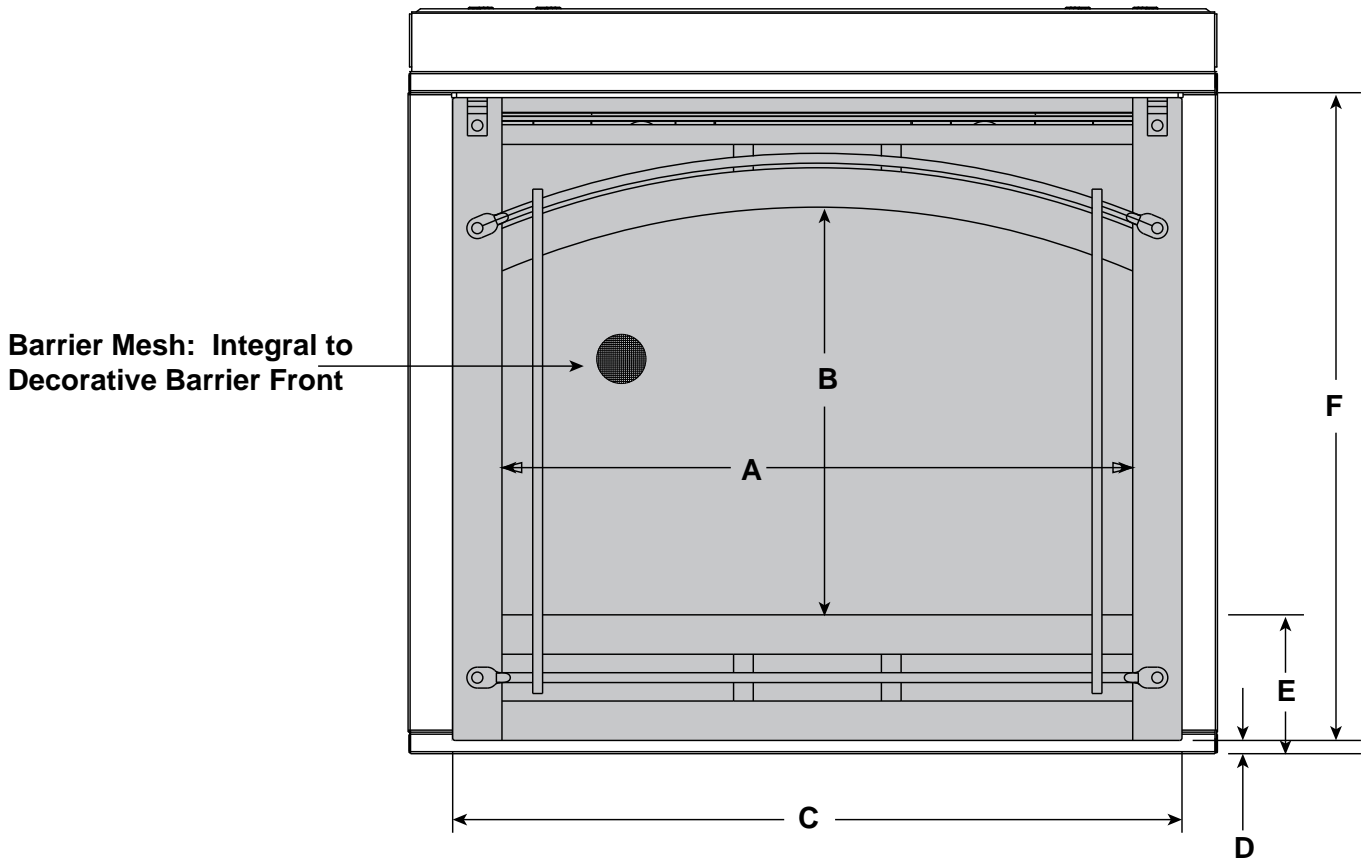
Figure 3.5 Decorative Barrier Front Dimensions - Halston

## 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

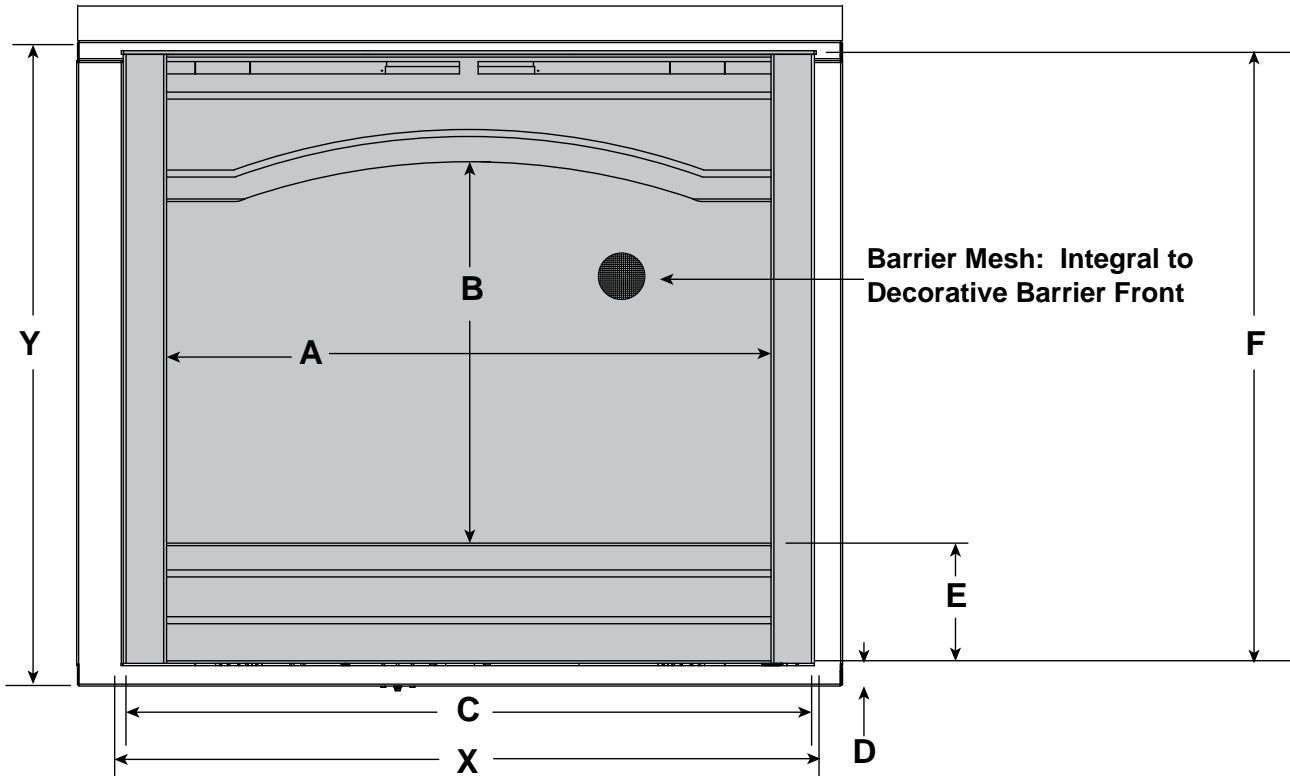
Figure 3.6 Decorative Barrier Front Dimensions - Chateau Forge

## 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

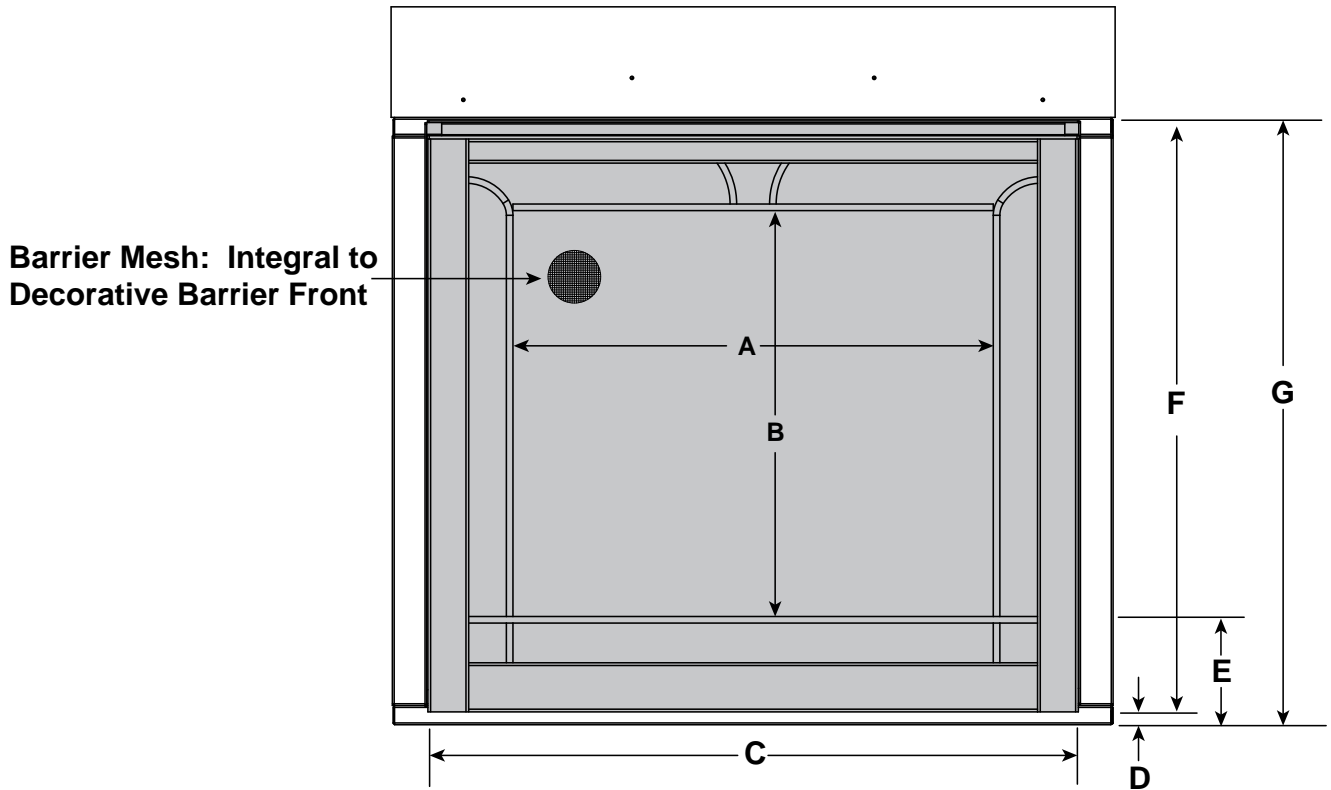
Figure 3.7 Decorative Barrier Front Dimensions - Arcadia

## 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

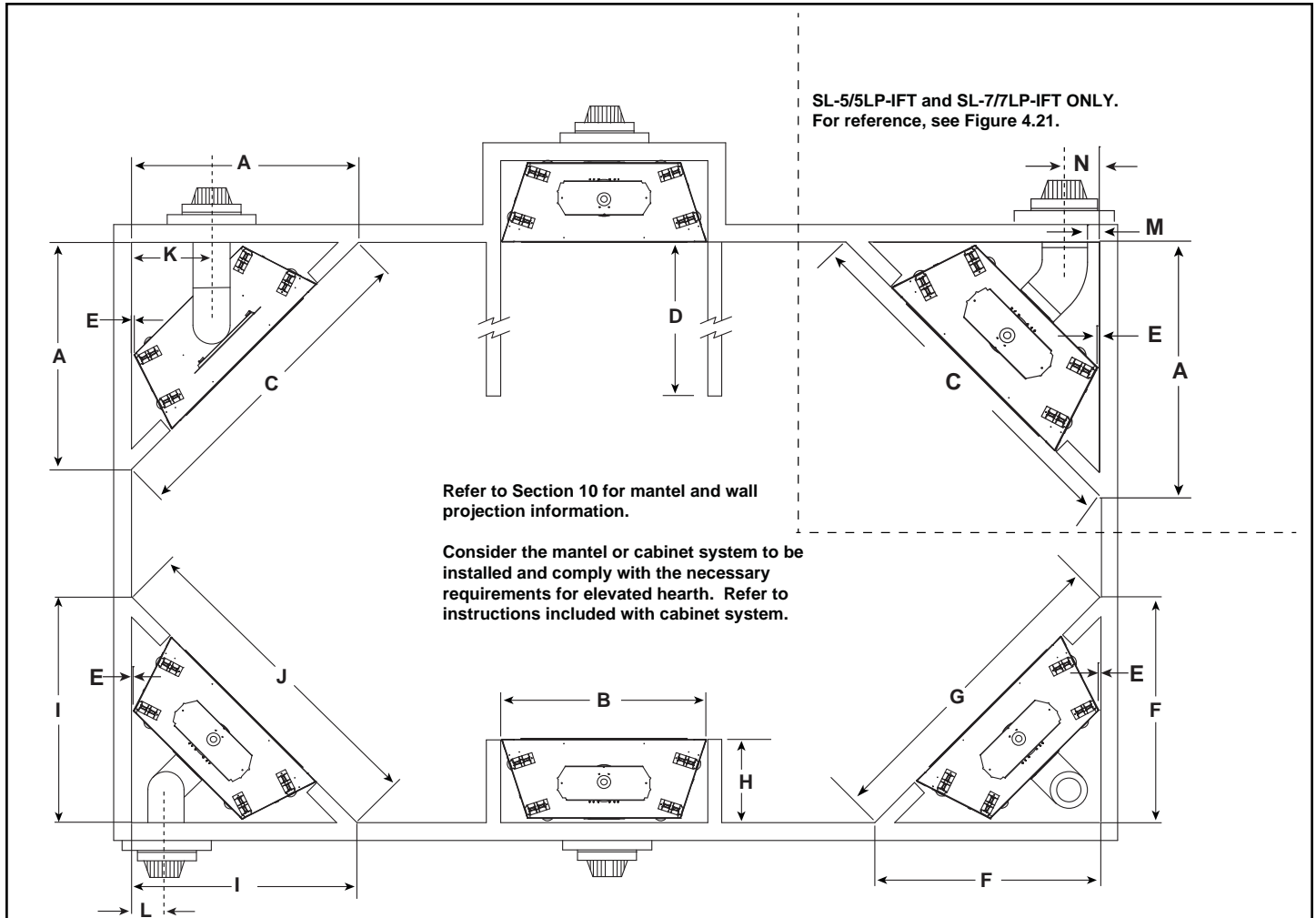
Figure 3.8 Decorative Barrier Front Dimensions - Iron Age

## 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.

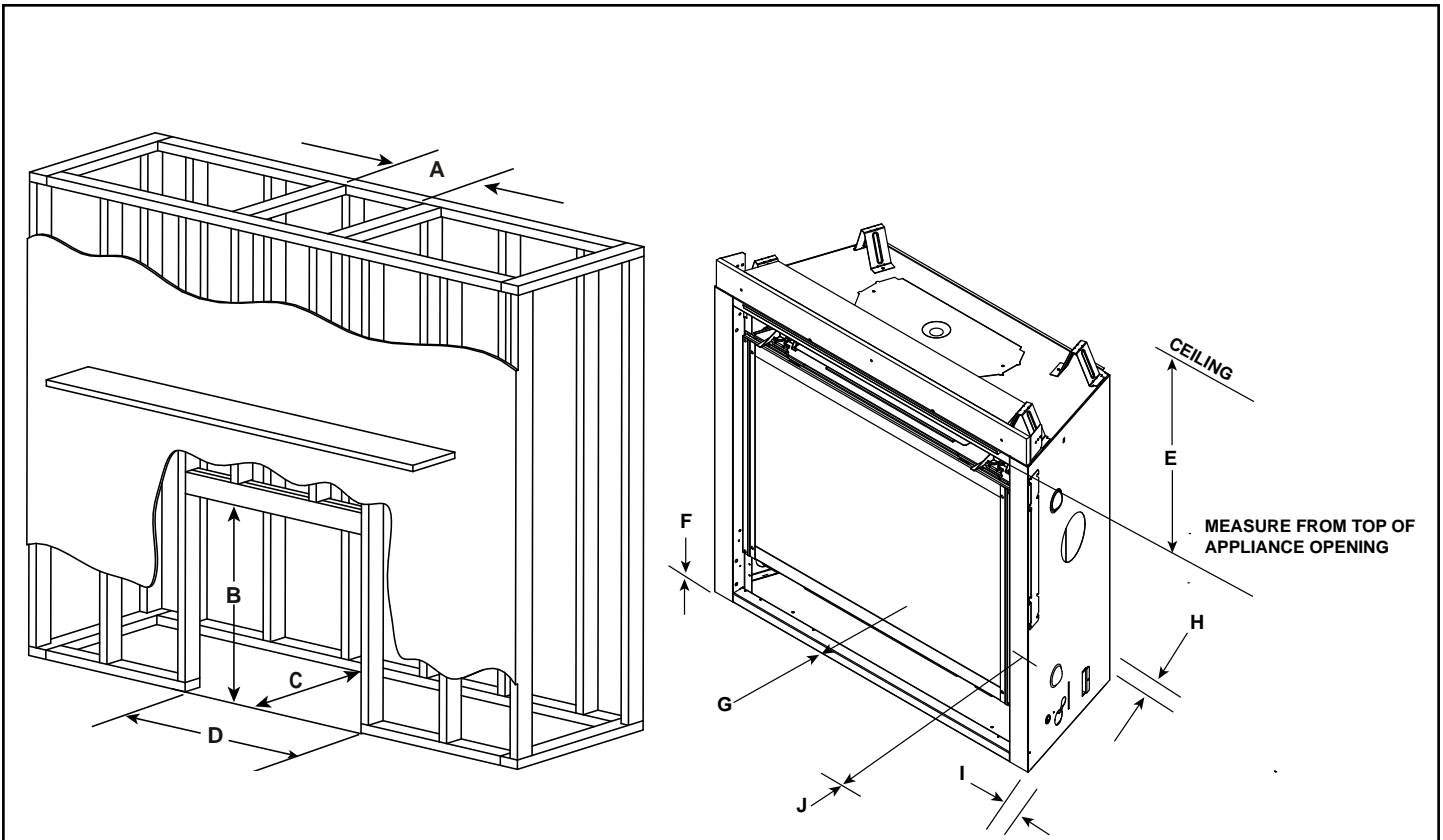
**NOTICE:** Illustrations reflect typical installations and are FOR DESIGN PURPOSES ONLY. Illustrations/diagrams are not drawn to scale. Actual installation may vary due to individual design preference.



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.

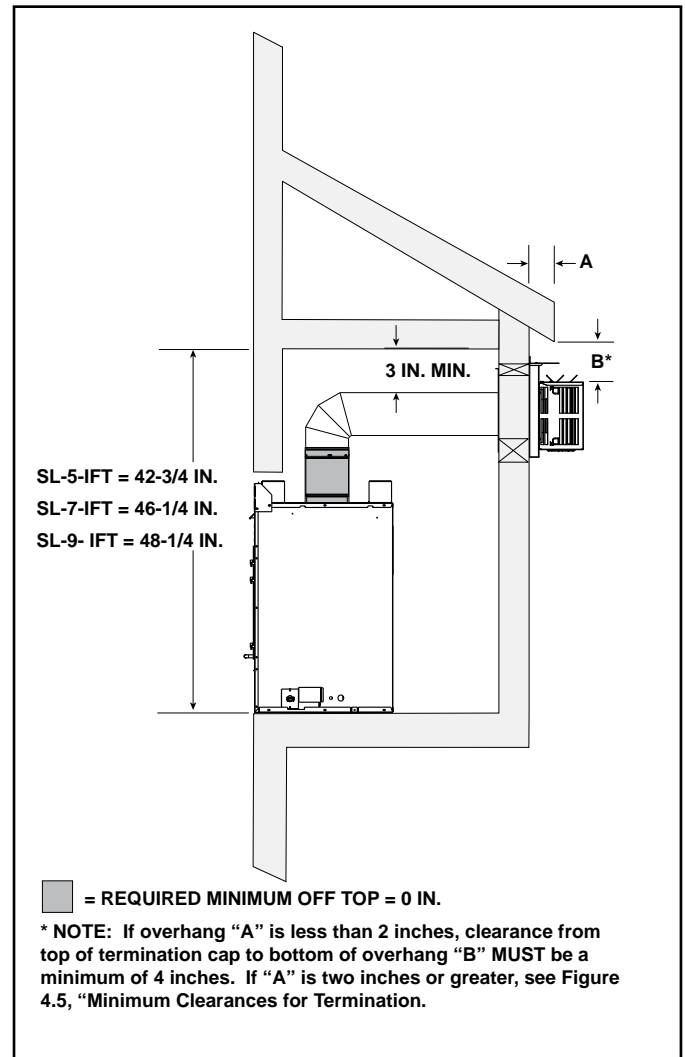


Figure 3.11 Exterior Chase - Minimum Height Requirements

## 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

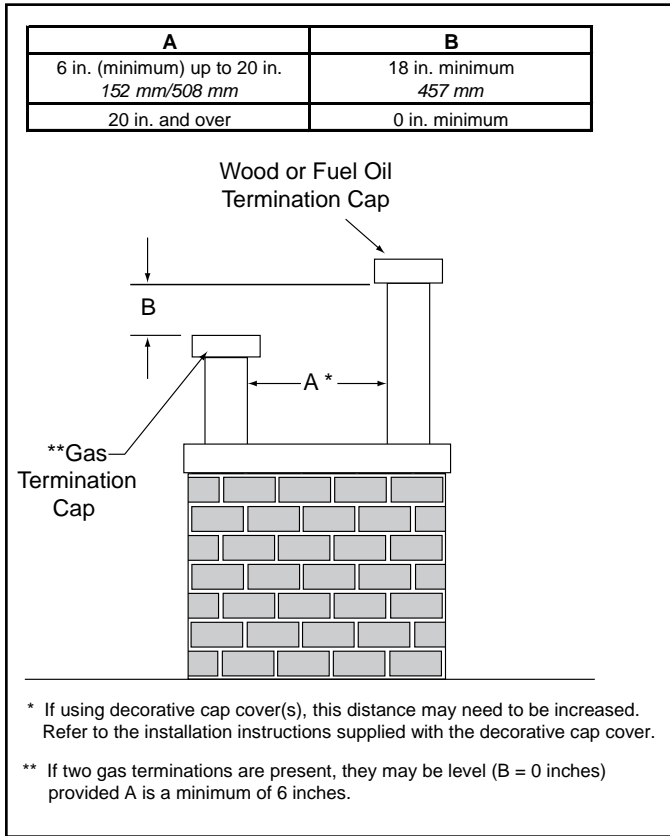


Figure 4.2 Staggered Termination Caps

**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.

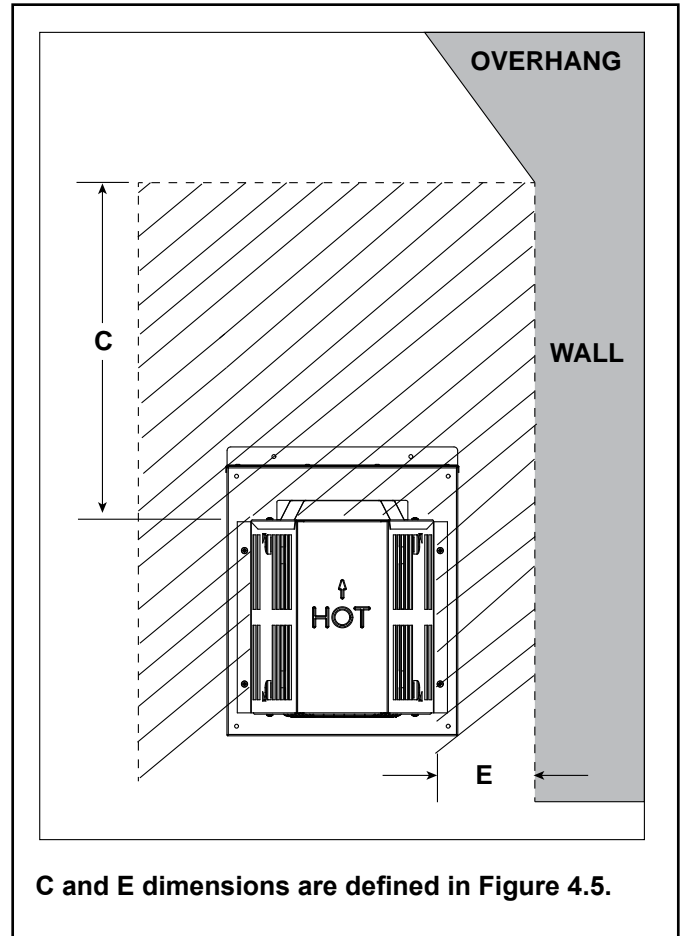


Figure 4.4 Measure Horizontal and Vertical Termination Clearance to Trapezoid Portion of Cap

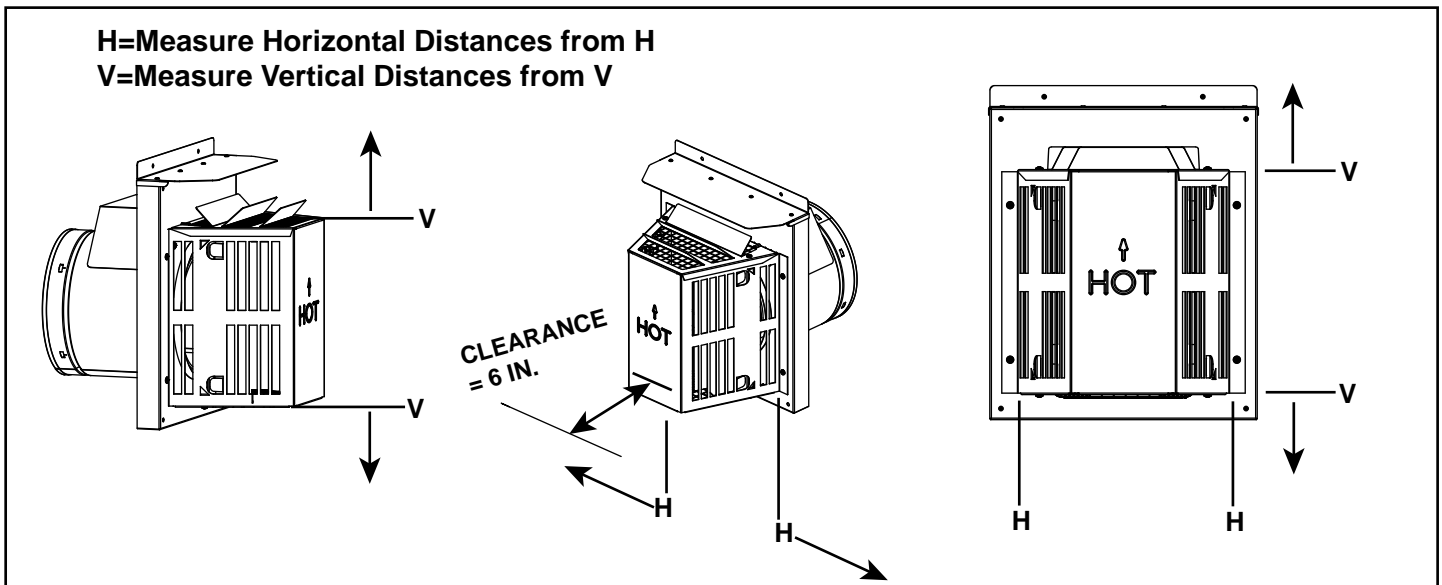
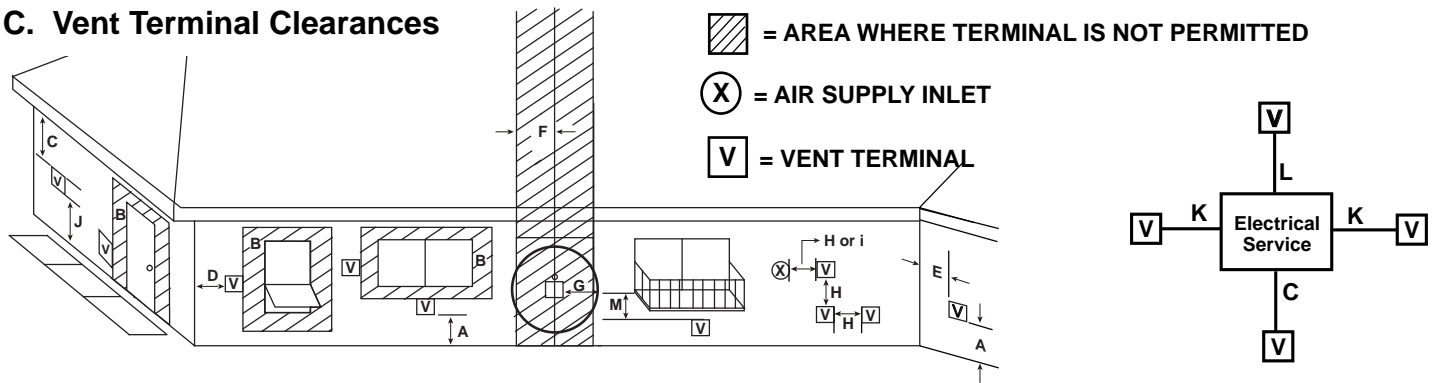


Figure 4.3

### 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 <b>public</b> 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.

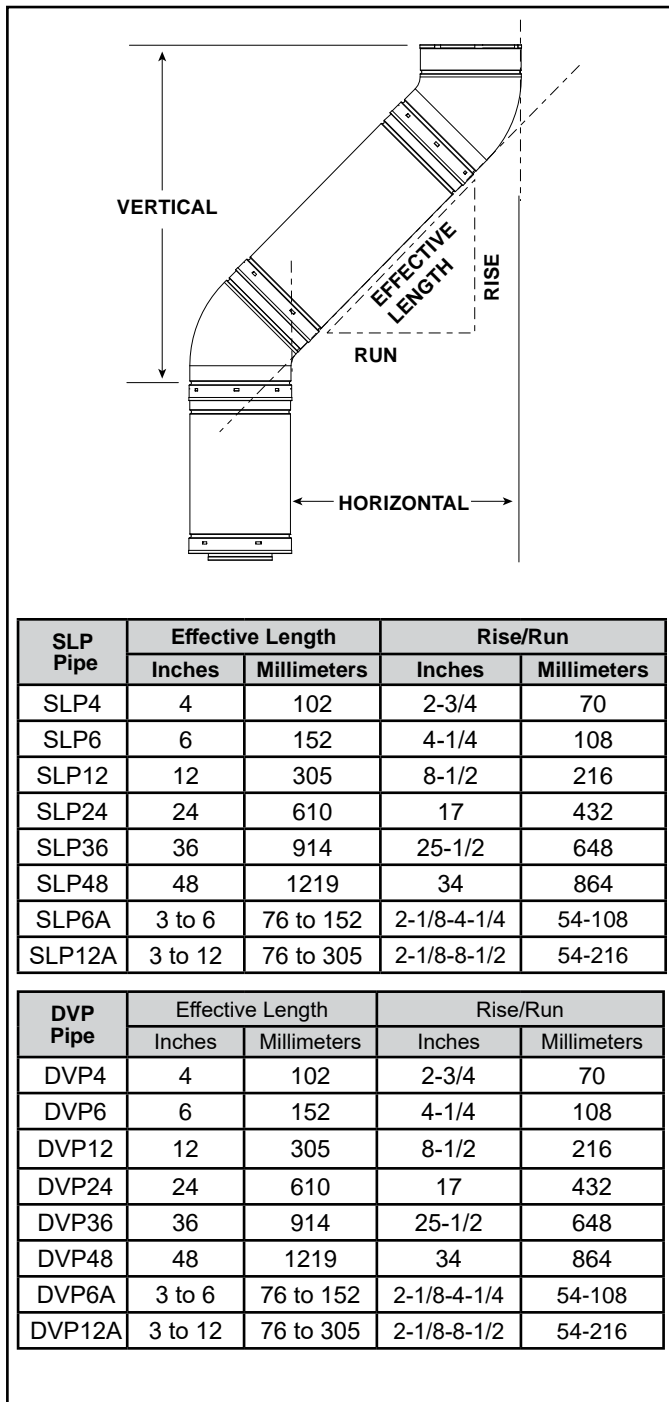


Figure 4.6

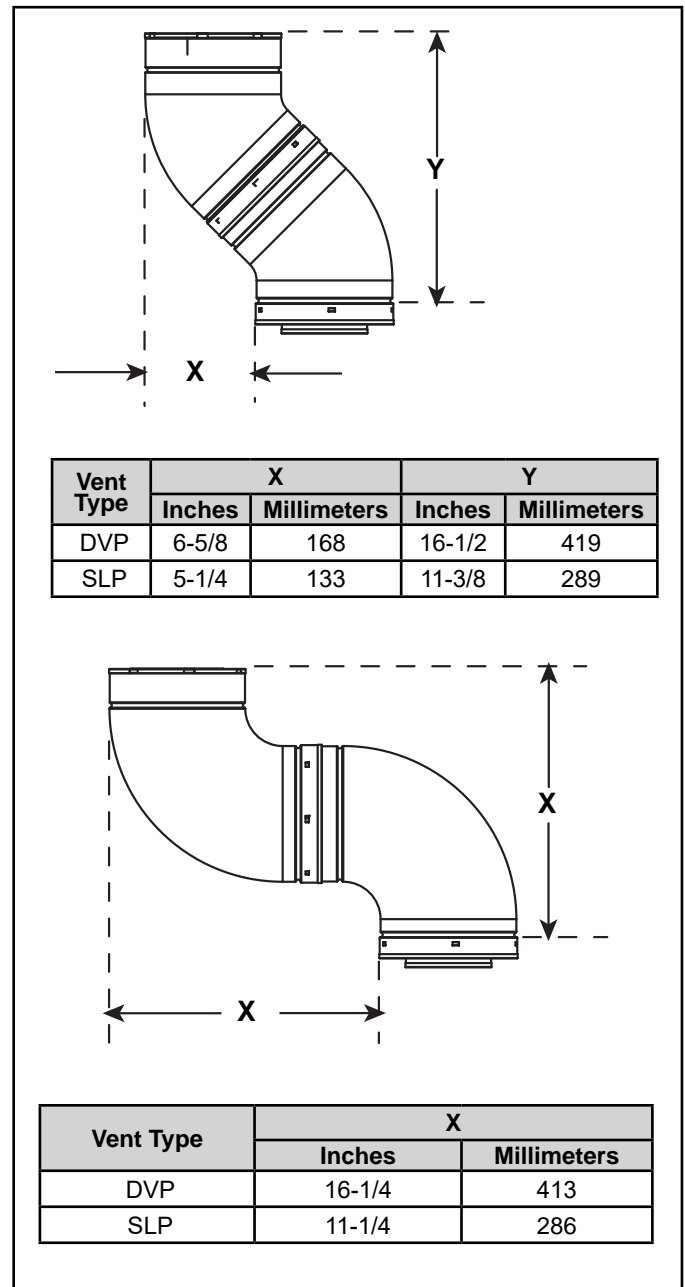


Figure 4.7 Vertical and Horizontal Offset for DVP and SLP Elbows

## 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.

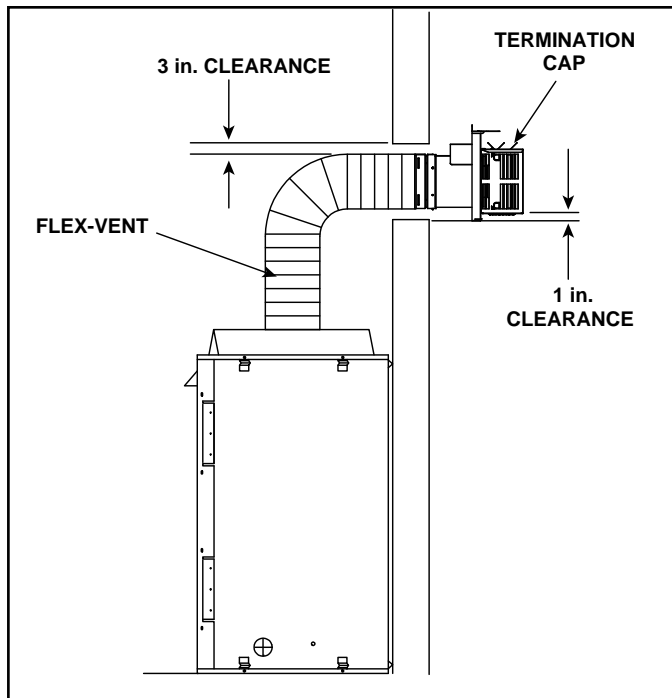


Figure 4.8 Flex Vent Pipe - Generic Fireplace Shown

## 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.

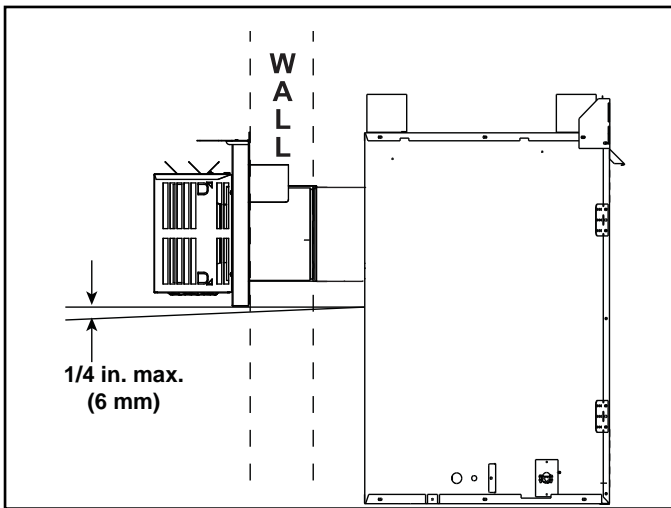


Figure 4.9

### 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.

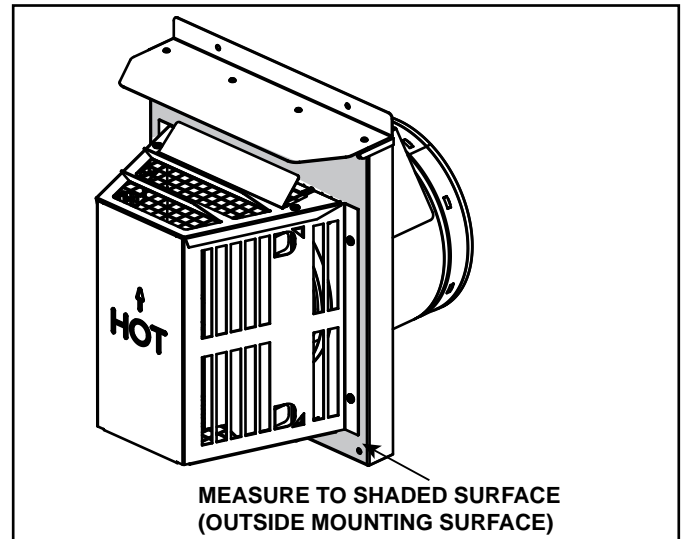


Figure 4.10 Measure to Outside Mounting Surface

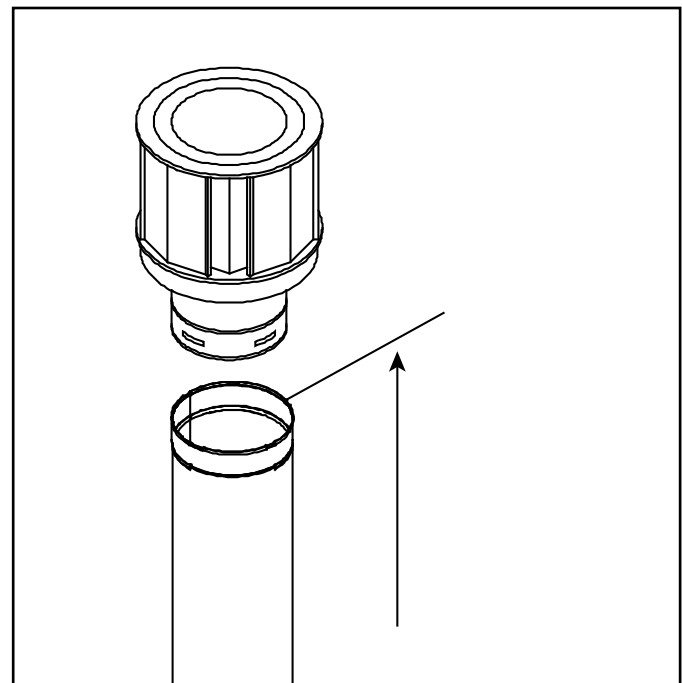


Figure 4.11 Measure to Top of Last Section of Pipe

# Top Vent - Horizontal Termination

## One Elbow

**Note:** Use SLP Series components only.

V <sub>1</sub> Minimum		H <sub>1</sub> 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.

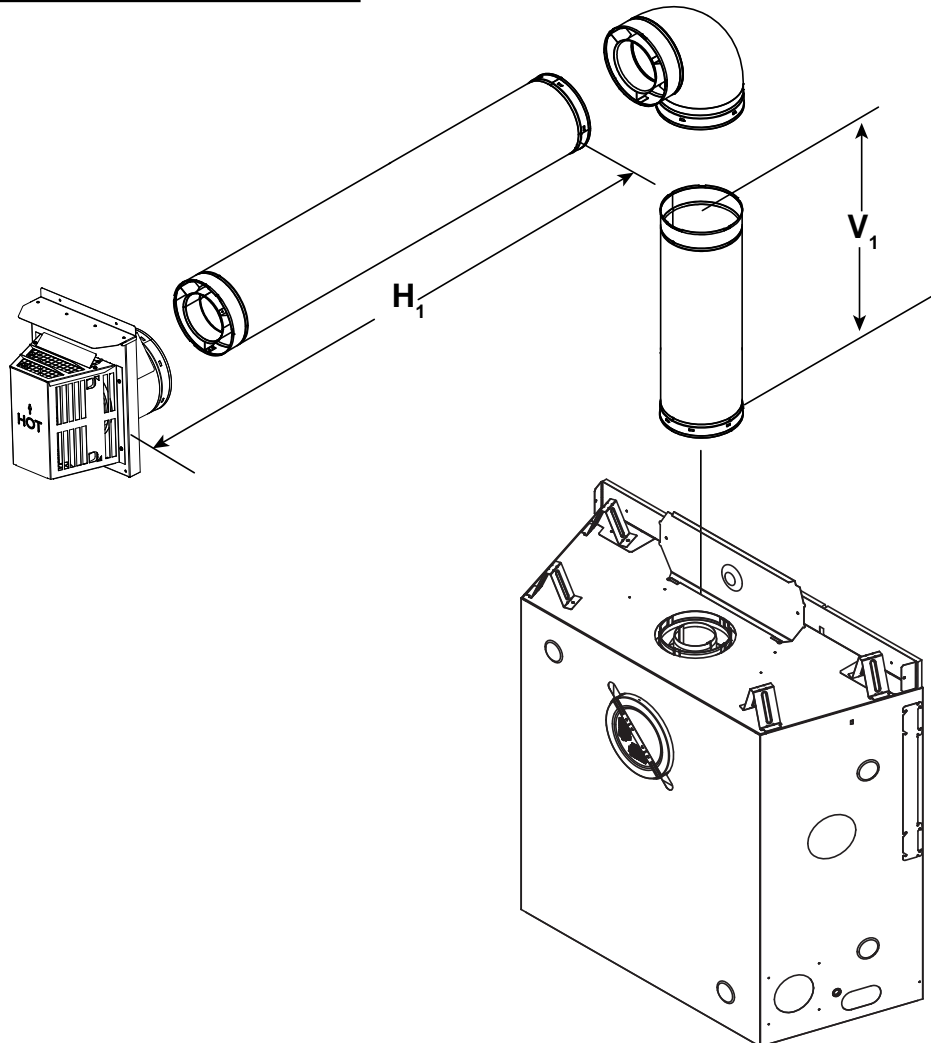


Figure 4.12

## 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 <sub>1</sub> + H <sub>2</sub> 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 + H<sub>1</sub> MAX. = 14 ft. (4.3 m)  
 V + H + H<sub>1</sub> MAX. = 40 ft. (12.2 m)  
 \*See warning below

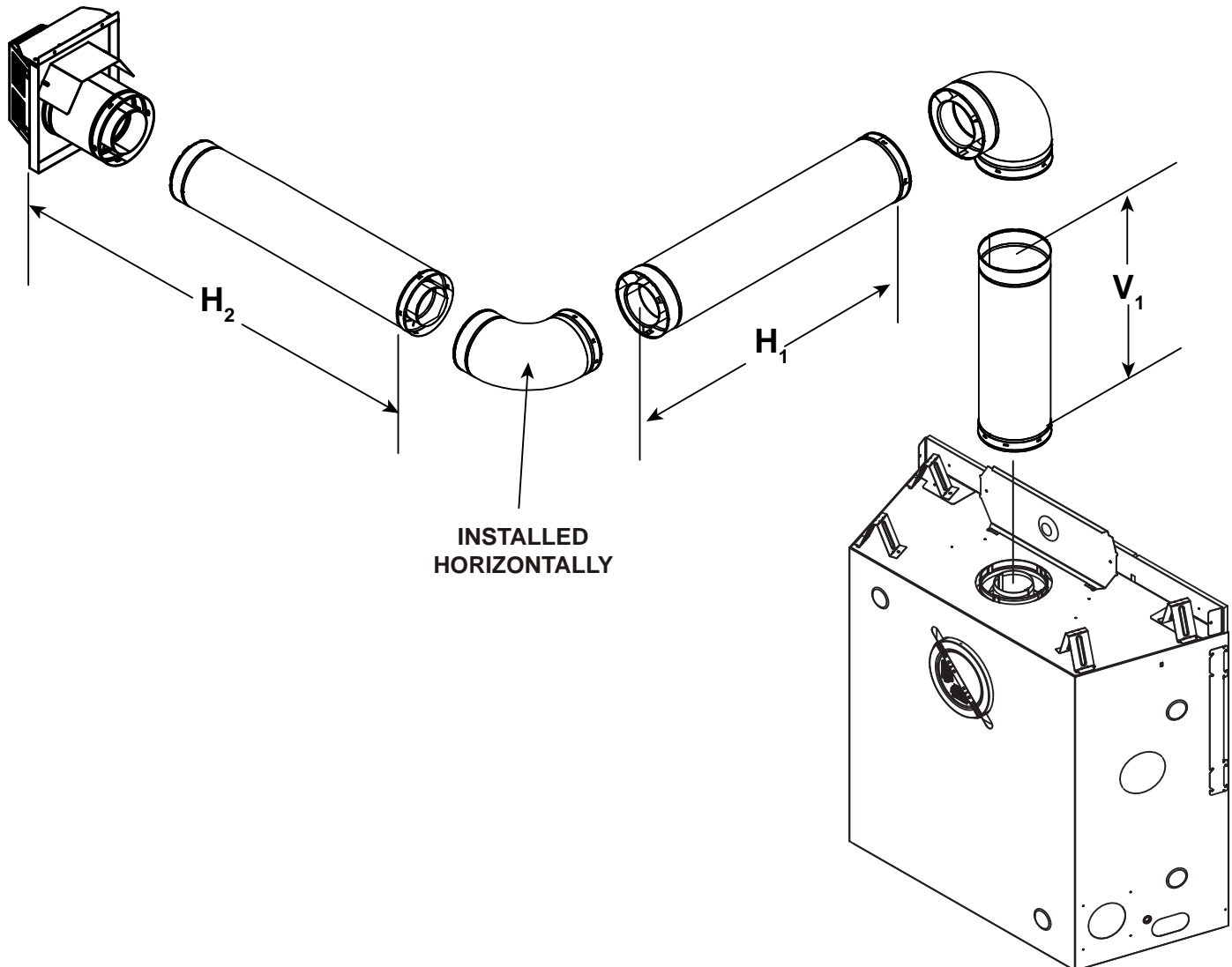


Figure 4.13

# Top Vent - Horizontal Termination - (continued)

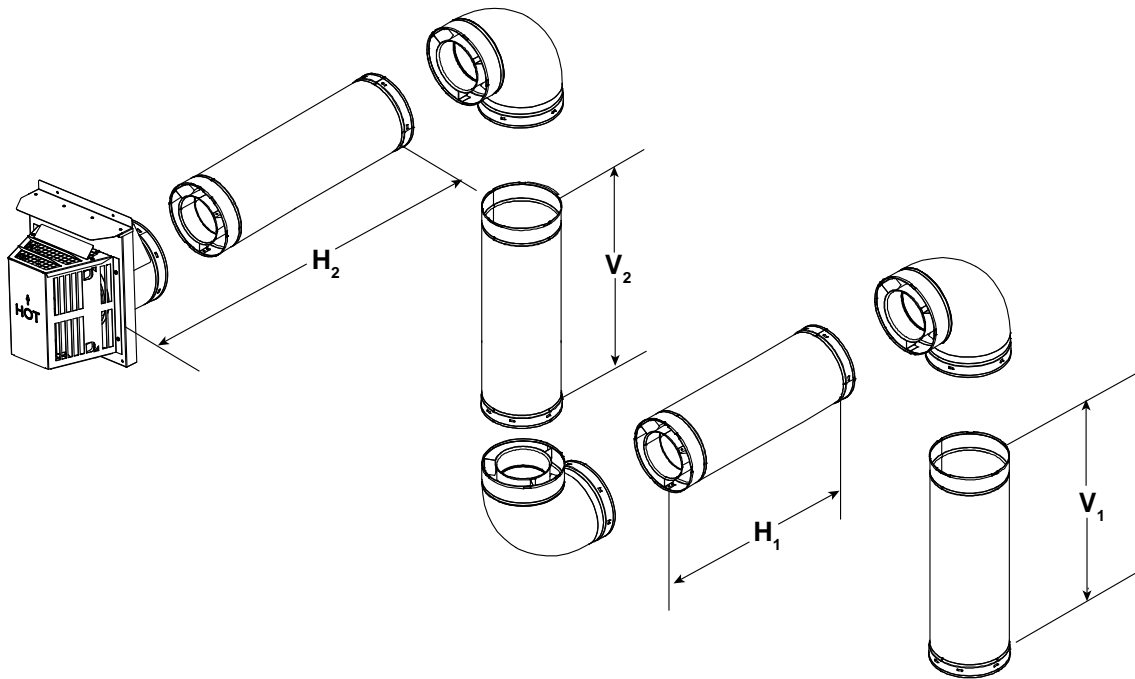
## Three Elbows

**Note:** Use SLP Series components only.

V <sub>1</sub> Minimum		H <sub>1</sub> + H <sub>2</sub> Maximum**						V <sub>2</sub>	V <sub>1</sub> + V <sub>2</sub> 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	*	*

H<sub>1</sub> + H<sub>2</sub> MAX. = 14 ft. (4.3 m)  
 V<sub>1</sub> + V<sub>2</sub> + H<sub>1</sub> + H<sub>2</sub> MAX. = 40 ft. (12.2 m)  
 \*No specific restrictions on this value EXCEPT V<sub>1</sub> + V<sub>2</sub> + 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.

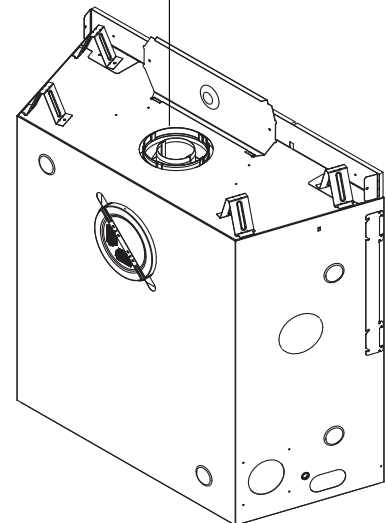


Figure 4.14

## 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.

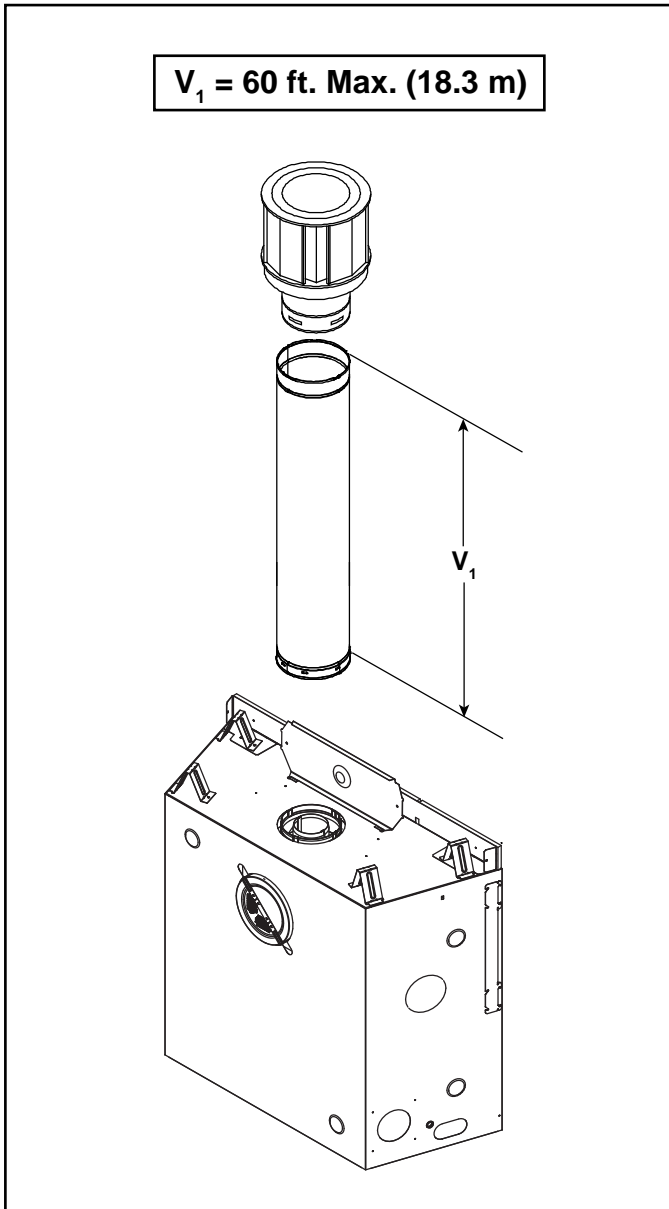


Figure 4.15

## 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.

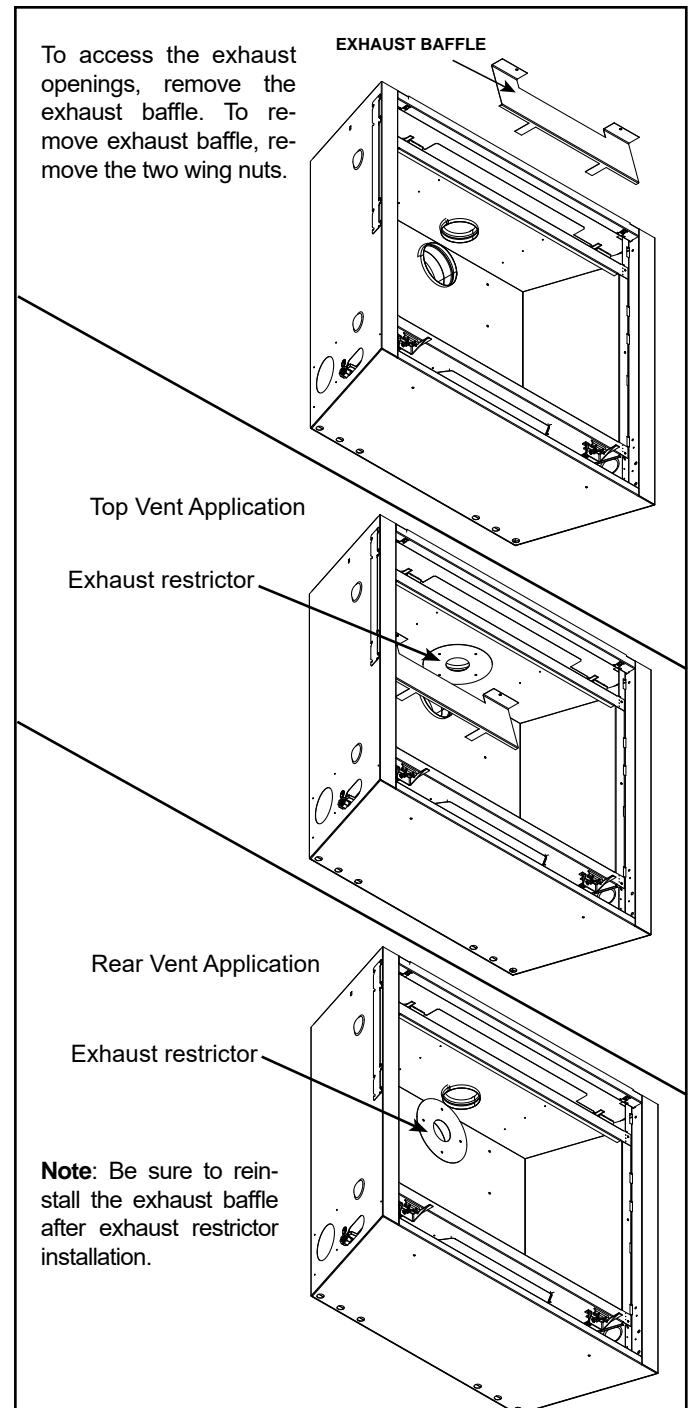


Figure 4.16

# Top Vent - Vertical Termination - (continued)

## Two 90° Elbows

**Note:** Use SLP Series components only.

V <sub>1</sub> MIN.		SL-5-IFT		SL-7-IFT		SL-9-IFT		V <sub>2</sub>	V <sub>1</sub> + V <sub>2</sub> 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)  
V<sub>1</sub> + V<sub>2</sub> + H MAX. = 40 ft. (12.2 m)  
\* No specific restrictions on this value EXCEPT V<sub>1</sub> + V<sub>2</sub> + 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.

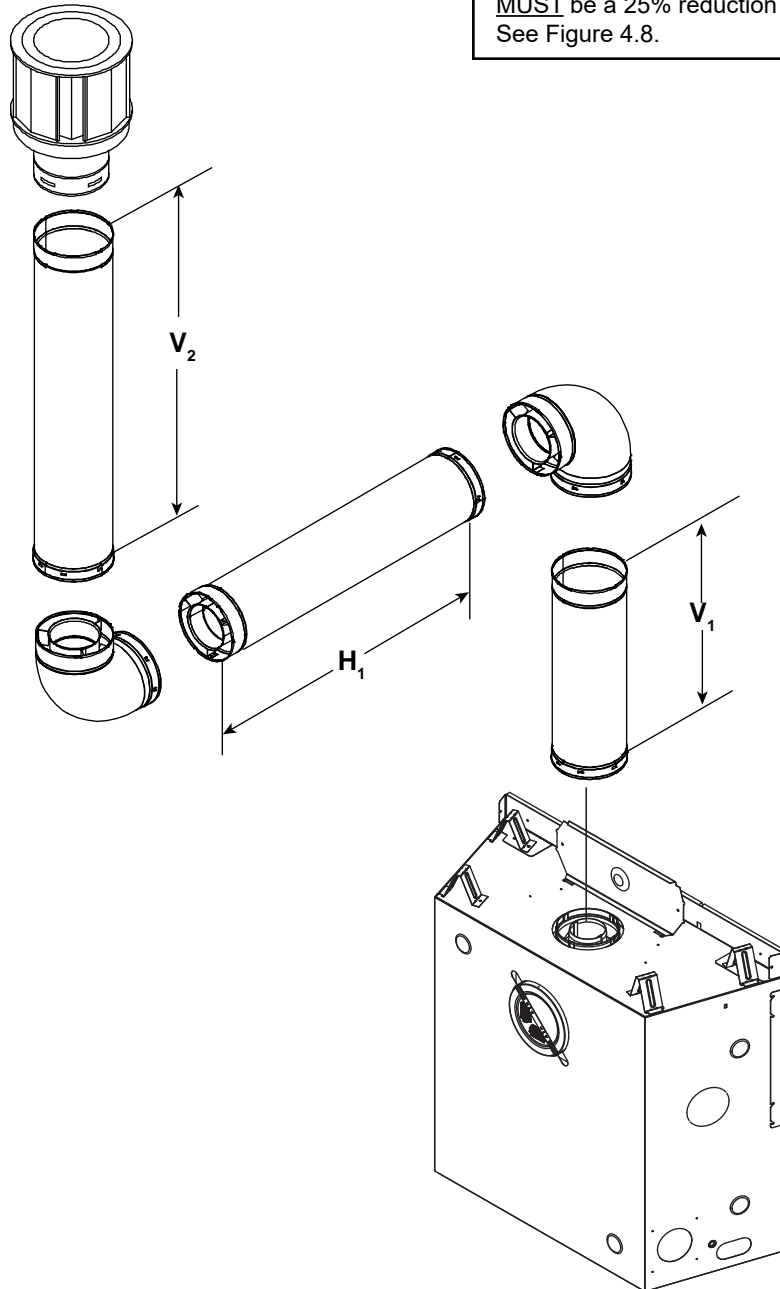


Figure 4.17

## Top Vent - Vertical Termination - (continued)

### Three Elbows

**Note:** Use SLP Series components only.

V <sub>1</sub> MIN.		SL-5-IFT		SL-7-IFT		SL-9-IFT		V <sub>2</sub>	V <sub>1</sub> + V <sub>2</sub> 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)  
 V<sub>1</sub> + V<sub>2</sub> + H<sub>1</sub> + H<sub>2</sub> MAX. = 40 ft. (12.2 m)  
 \* No specific restrictions on this value EXCEPT V<sub>1</sub> + V<sub>2</sub> + H<sub>1</sub> + H<sub>2</sub> 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.

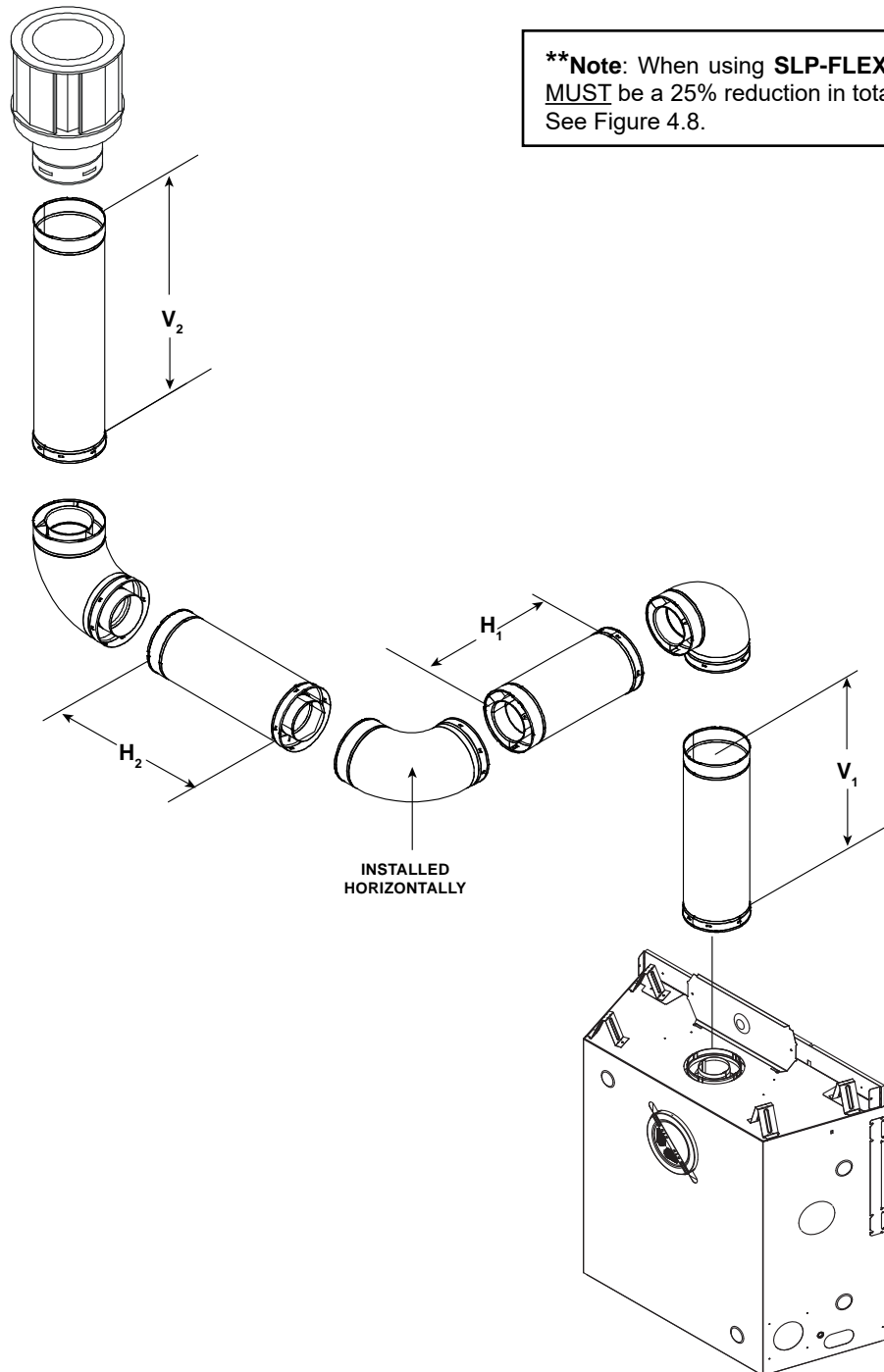


Figure 4.18

# Top Vent - Vertical Termination - (continued)

## Four 90° Elbows

ALL MODELS									
V <sub>1</sub> Min.		H <sub>1</sub> Max.**		V <sub>2</sub> Min.		H <sub>2</sub> Max.**		V <sub>3</sub> 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.

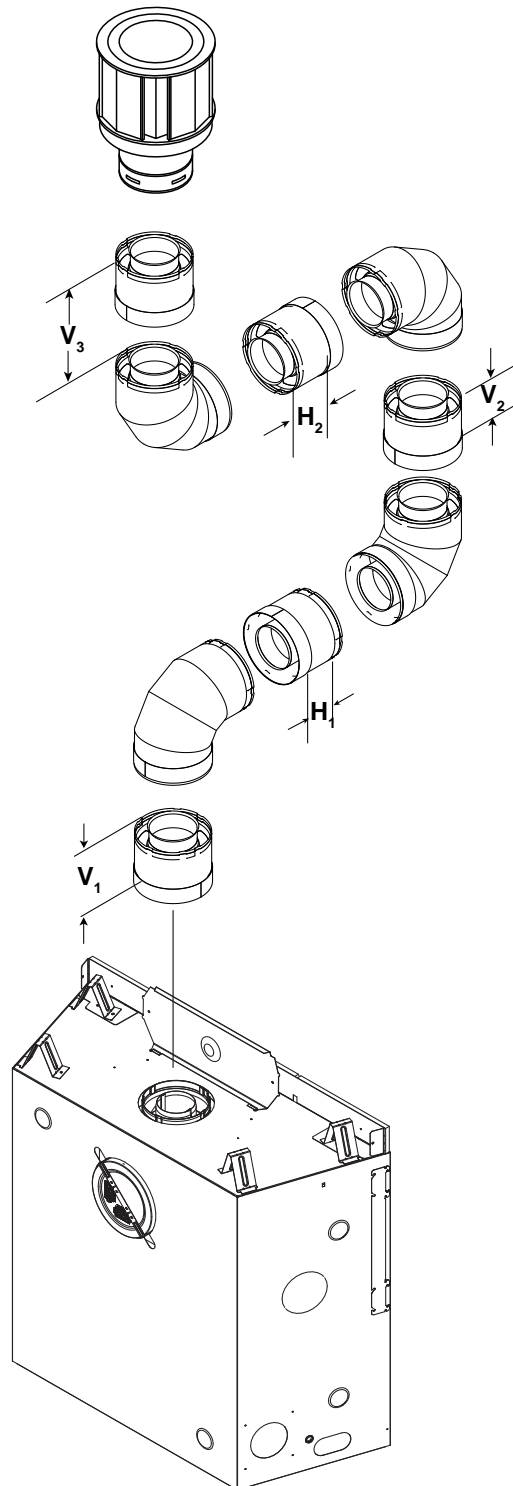


Figure 4.19

## Rear Vent - Horizontal Termination

### No Elbow

**Note:** Use DVP Series components only.

	H <sub>1</sub> MAX	
<b>SL-5- IFT</b>	24 in.	610 mm
<b>SL-7-IFT</b>	24 in.	610 mm
<b>SL-9-IFT</b>	18 in.*	457 mm

### CAUTION

**\*For SL-9-IFT**

H<sub>1</sub> Maximum can be up to 24 inches ONLY if the Optional Refractory Kit (BRICK-9) is NOT used.

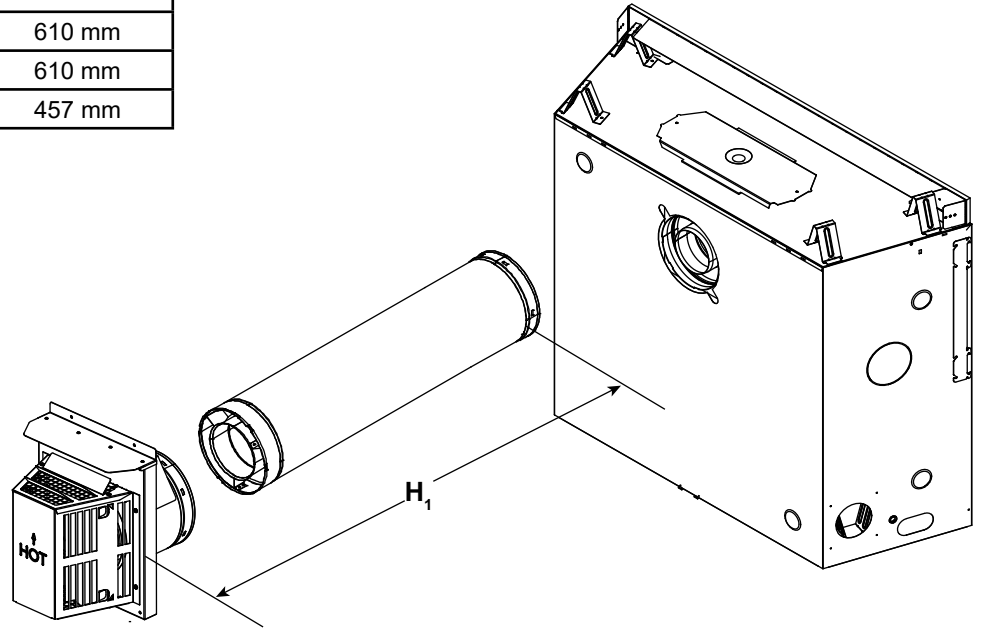


Figure 4.20

## Rear Vent - Horizontal Termination One 45° Elbow

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

**H<sub>1</sub> = 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.

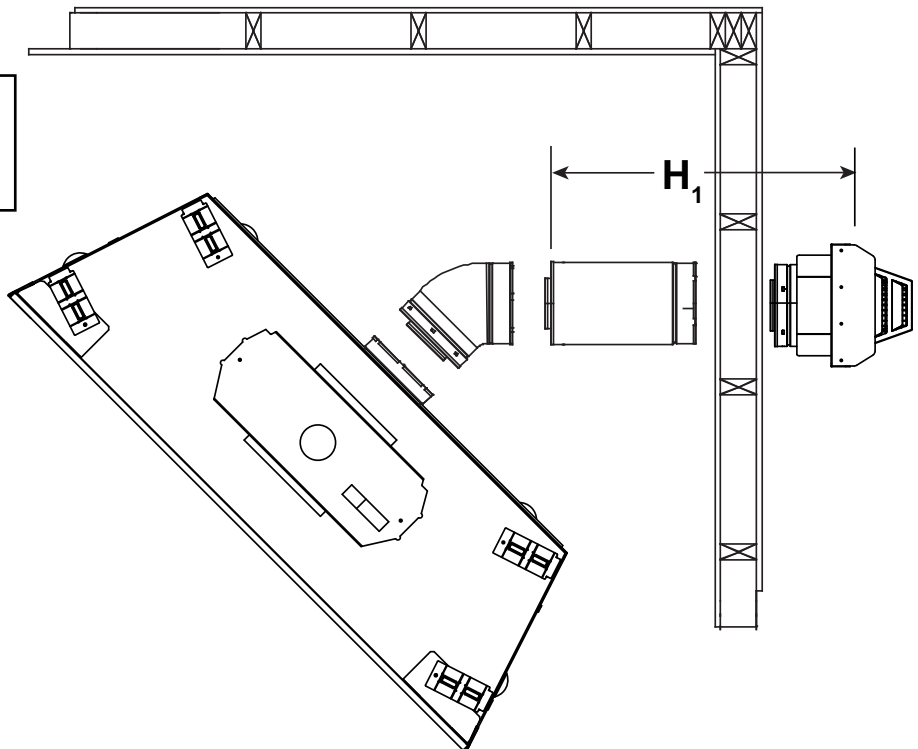


Figure 4.21

## Rear Vent - Horizontal Termination - (continued)

### Two Elbows

**Note:** Use DVP Series components only.

H <sub>1</sub> MAX.		V <sub>1</sub> MIN.		H <sub>2</sub> MAX.		H <sub>1</sub> + H <sub>2</sub> 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 <sub>1</sub> MAX. = 7 ft. (2.1 m) H <sub>1</sub> + H <sub>2</sub> MAX. = 14 ft. (4.3 m) V <sub>1</sub> + H <sub>1</sub> + H <sub>2</sub> MAX. = 40 ft. (12.2 m)							

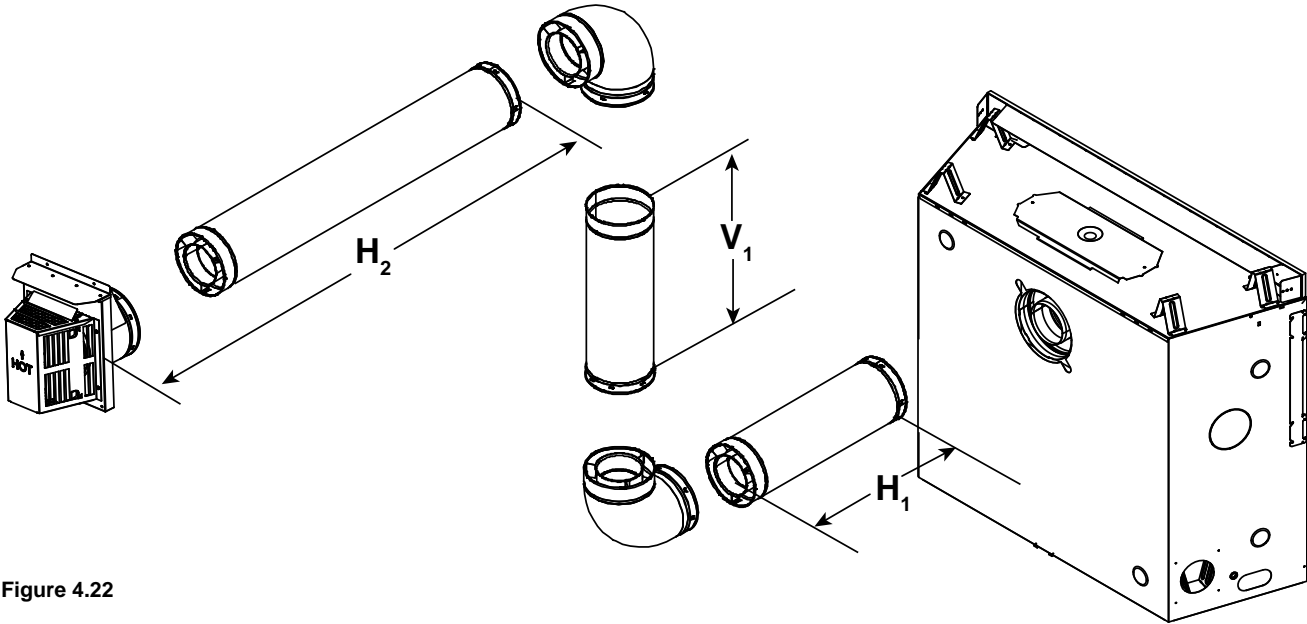


Figure 4.22

### Three Elbows

**Note:** Use DVP Series components only.

H <sub>1</sub> MAX.		V <sub>1</sub> MIN.		H <sub>2</sub> + H <sub>3</sub> MAX.		H <sub>1</sub> + H <sub>2</sub> + H <sub>3</sub> 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 <sub>1</sub> MAX. = 7-1/2 ft. (2.3 m) H <sub>1</sub> + H <sub>2</sub> + H <sub>3</sub> MAX. = 13-1/2 ft. (4.1 m) V <sub>1</sub> + H <sub>1</sub> + H <sub>2</sub> + H <sub>3</sub> MAX. = 40 ft. (12.2 m)							

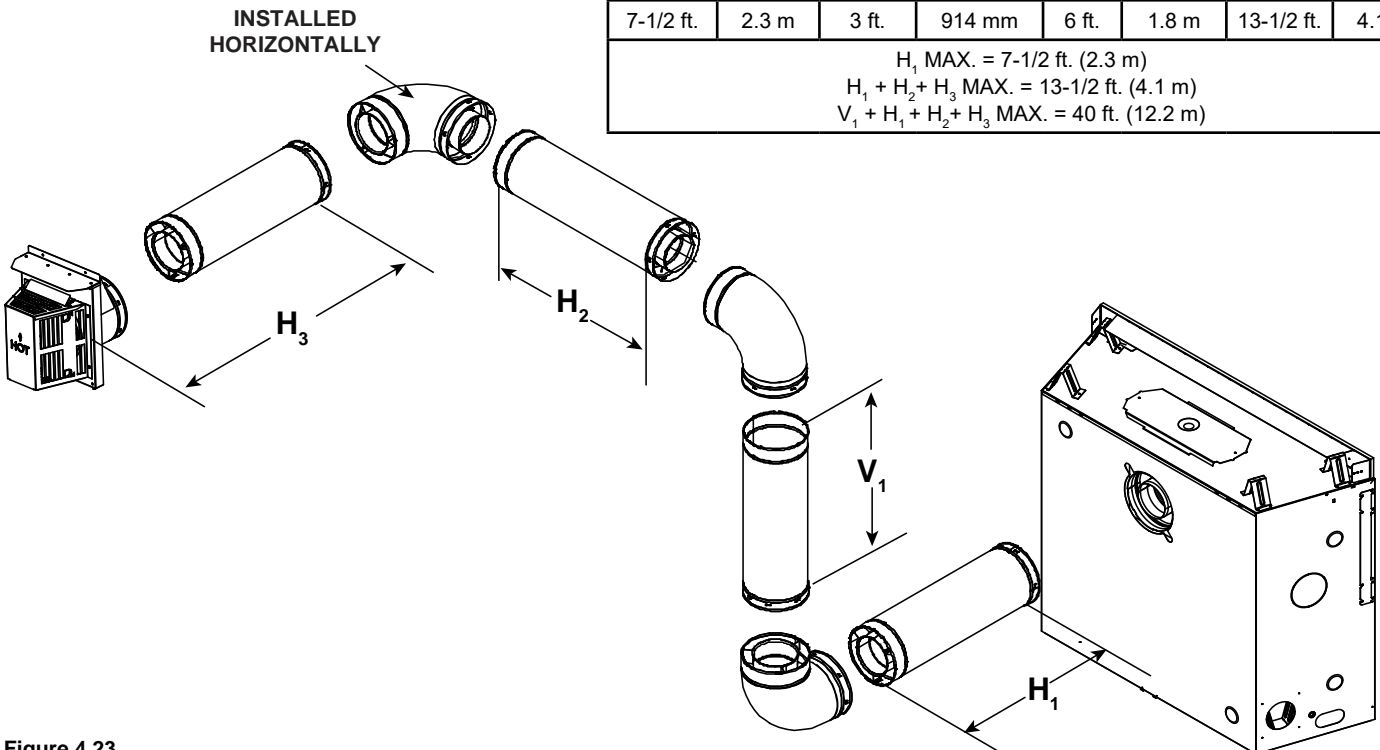
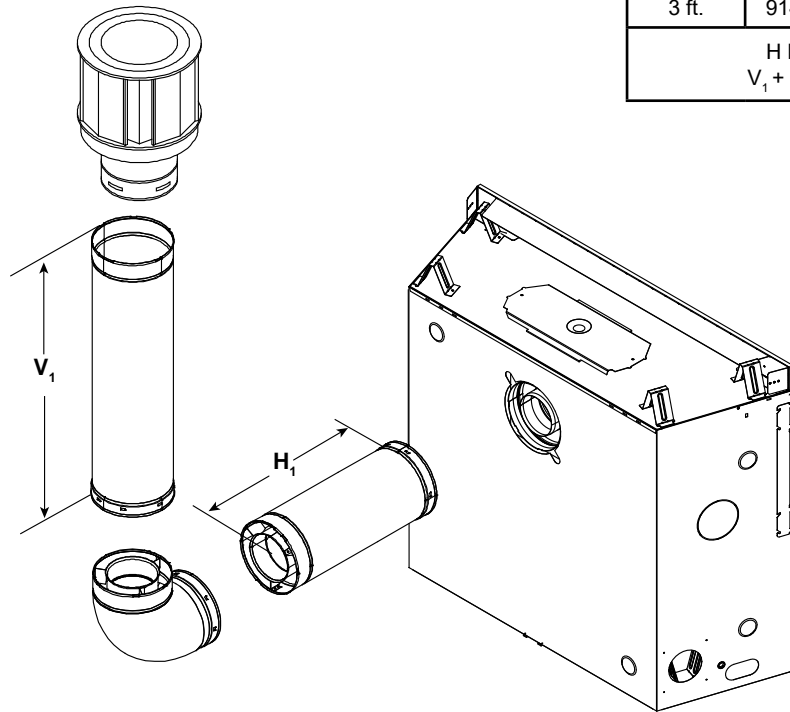


Figure 4.23

## Rear Vent - Vertical Termination

### One Elbow

**Note:** Use DVP Series components only.

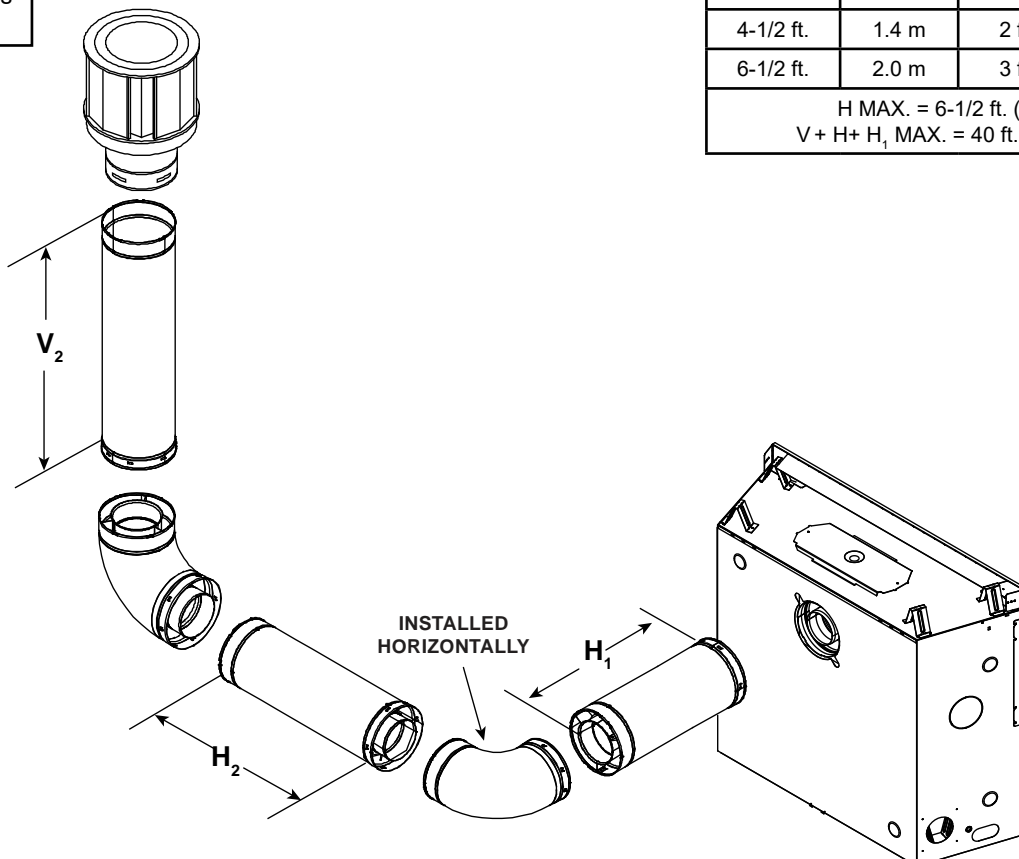


V <sub>1</sub> MIN.		H <sub>1</sub> MAX.	
1 ft.	305 mm	3-1/2 ft.	1.1 m
2 ft.	610 mm	5-1/2 ft.	1.7 m
3 ft.	914 mm	7-1/2 ft.	2.3 m
H MAX. = 7-1/2 ft. (2.3 m) V <sub>1</sub> + H <sub>1</sub> MAX. = 40 ft. (12.2 m)			

Figure 4.24

### Two Elbows

**Note:** Use DVP Series components only.



H <sub>1</sub> + H <sub>2</sub> MAX		V <sub>1</sub> 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 <sub>1</sub> MAX. = 40 ft. (12.2 m)			

Figure 4.25

## Rear Vent - Vertical Termination - (continued)

### Three Elbows

**Note:** Use DVP Series components only.

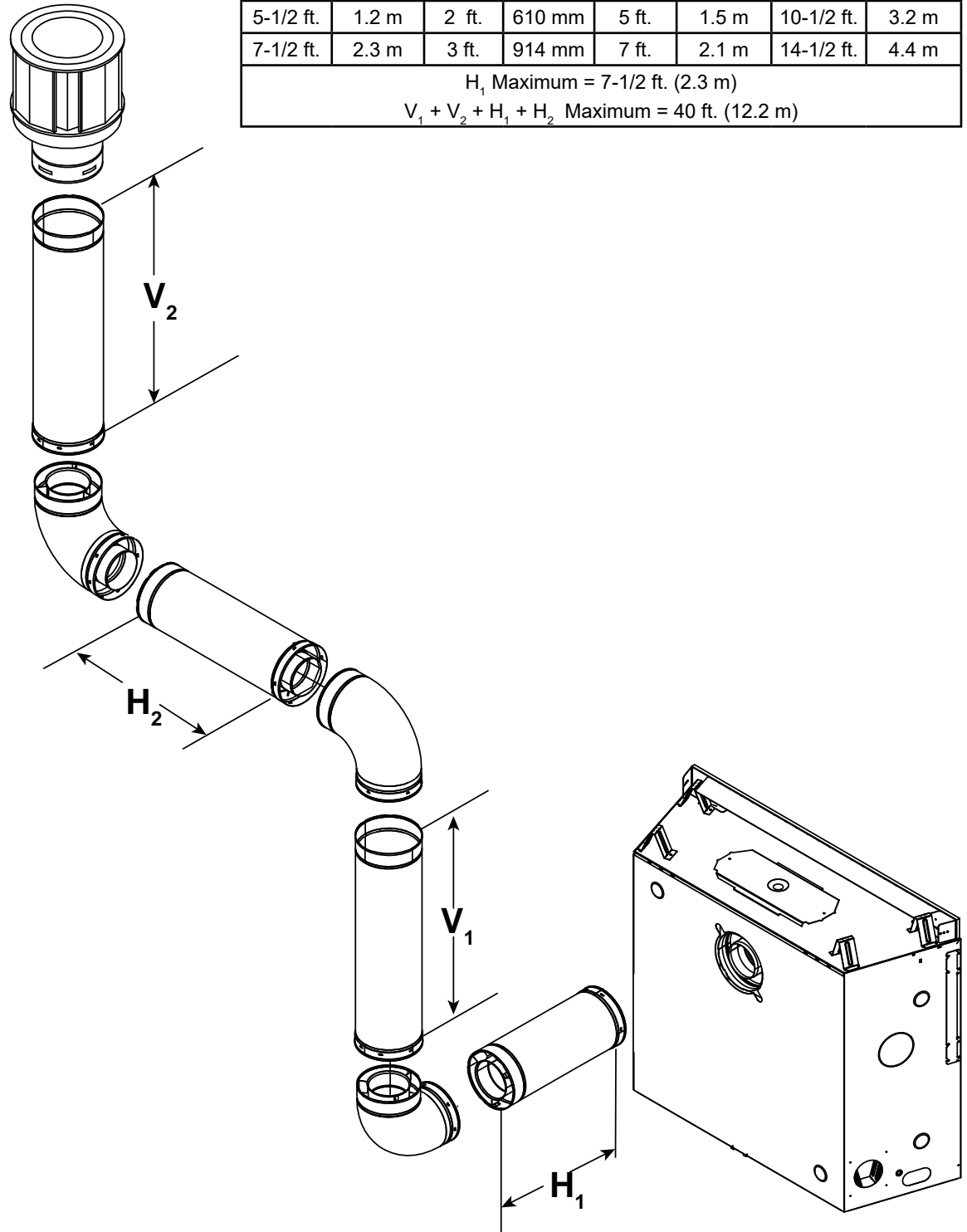


Figure 4.26

## 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.

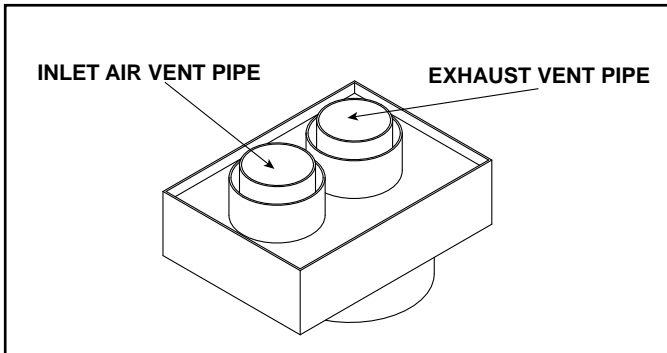


Figure 4.27 Coaxial/Colinear Appliance Connector

### 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.

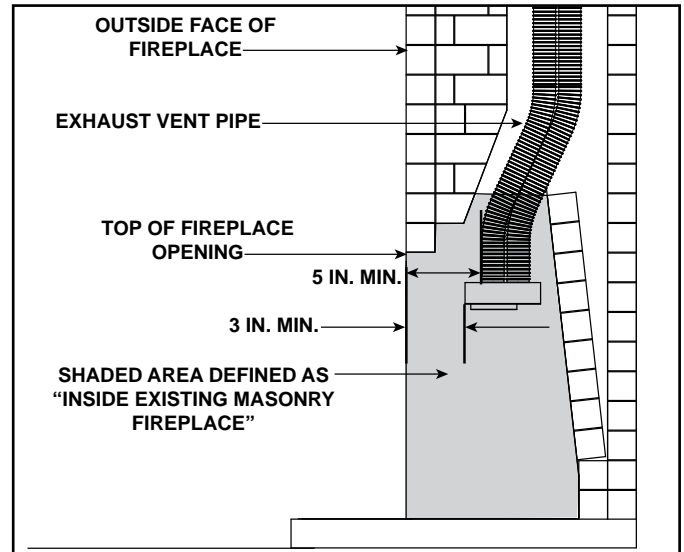


Figure 4.28 Existing Fireplace DV-46DVA-GCL Clearance Requirements

### 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**

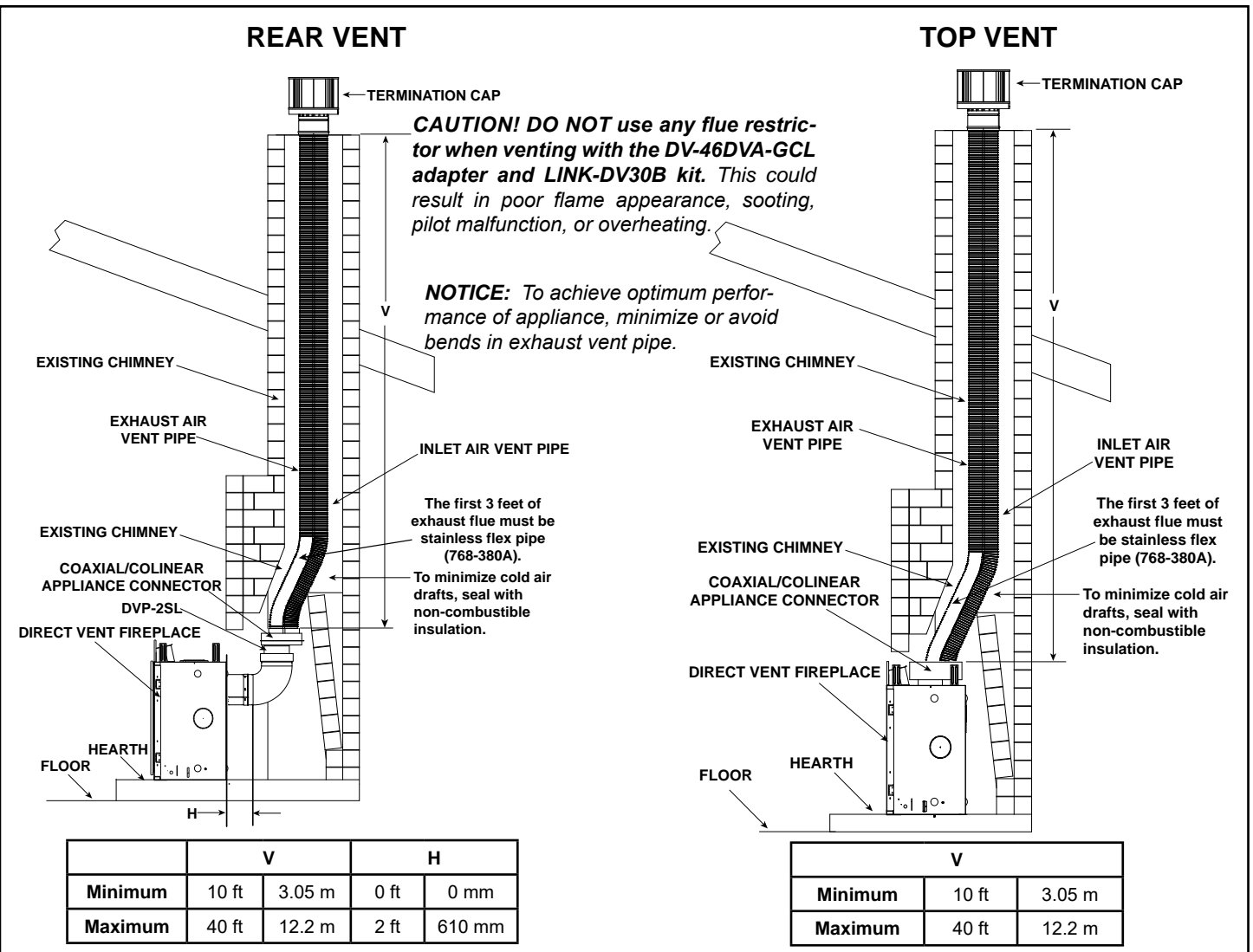


Figure 4.29

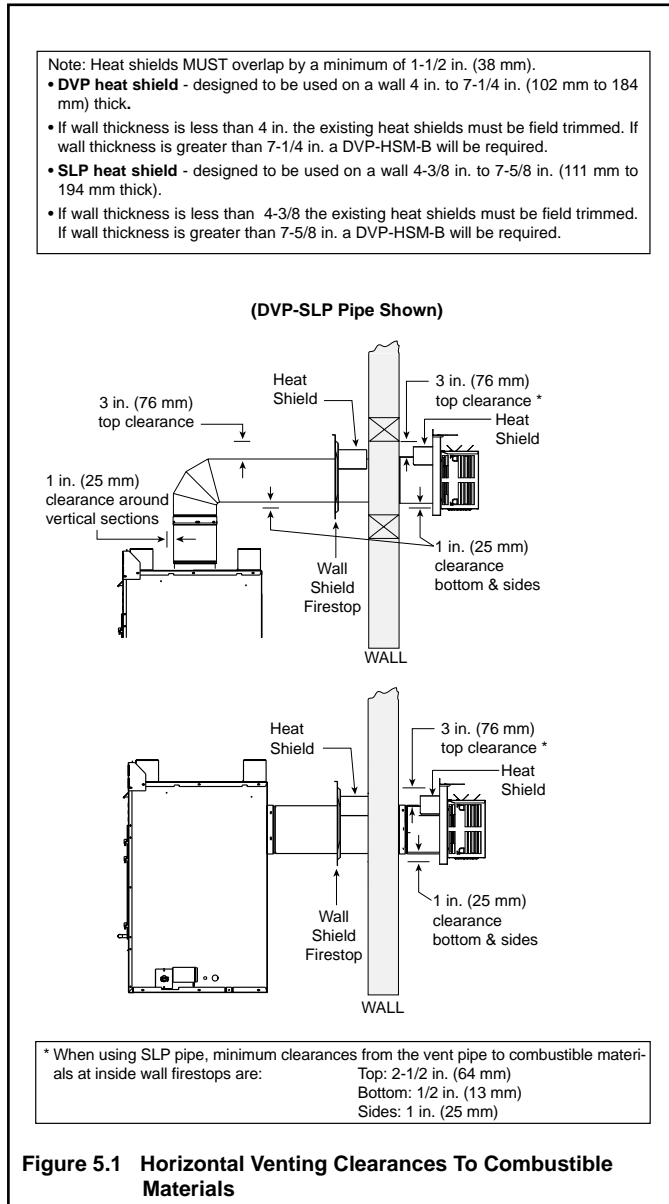
# 5 Vent Clearances and Vent Framing

## 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.



## 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.

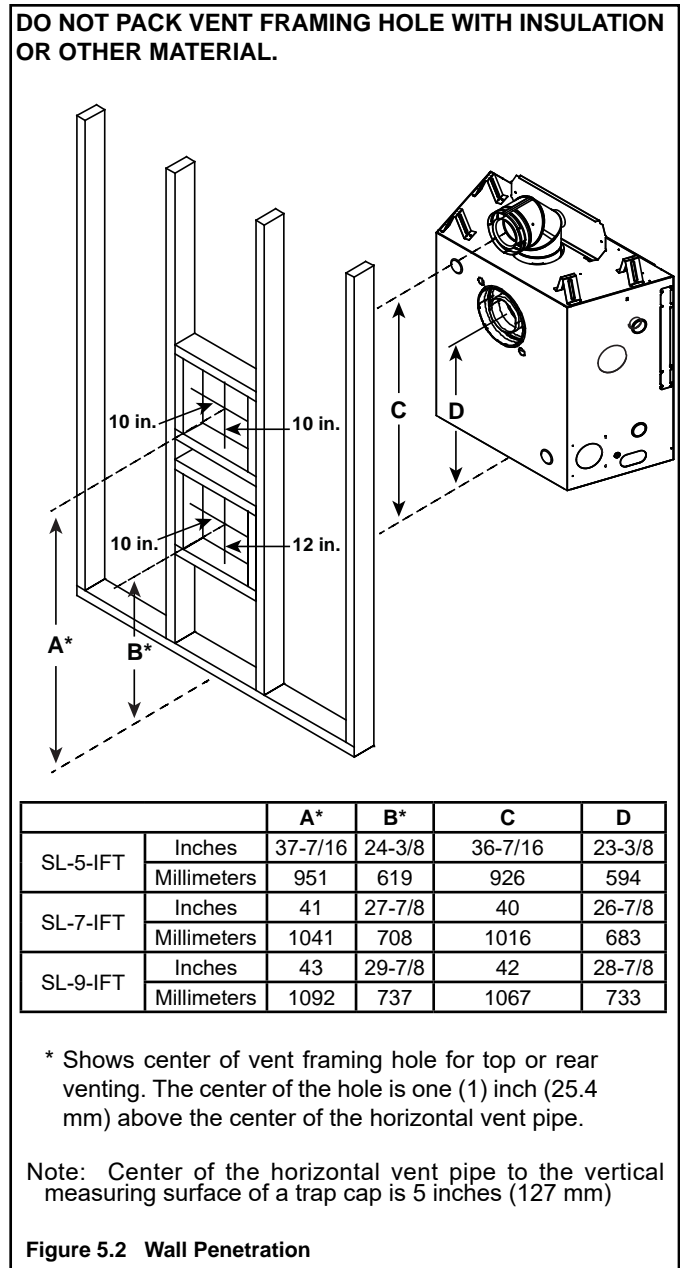
These clearances are maintained by using an SLP-WS (SLP pipe) or DVP-WS (DVP pipe). See Figure 5.2 for framing instructions.

- 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.

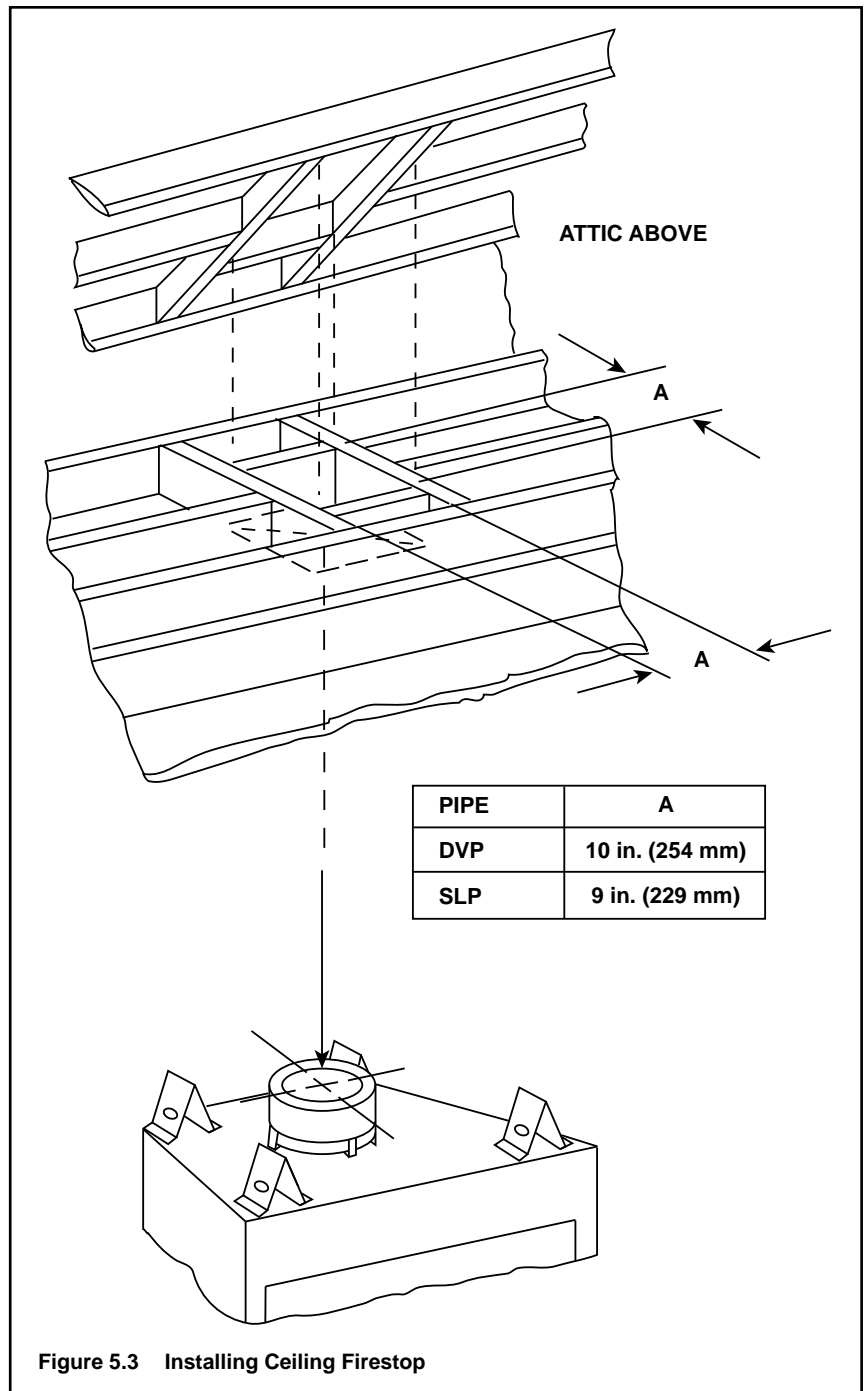


Figure 5.3 Installing Ceiling Firestop

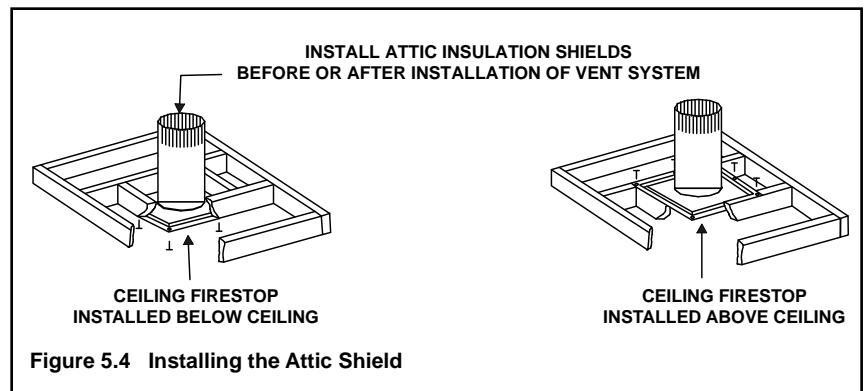


Figure 5.4 Installing the Attic Shield

# 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.

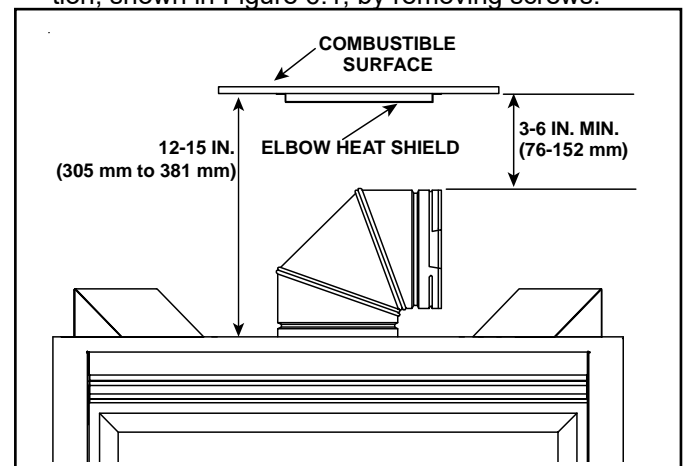


**Figure 6.1** Elbow Heat Shield (Shown as Shipped)

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

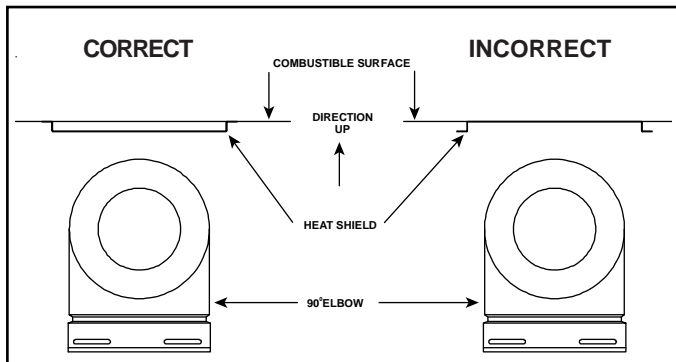
### To Install Elbow Heat Shield:

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

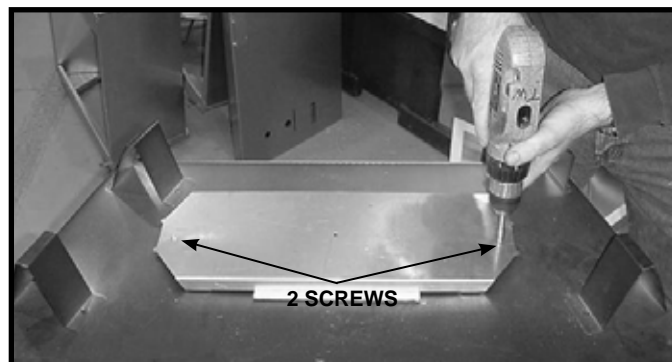
2. Fasten the shield in place using the four pilot holes. The shield should be oriented such that the 13 1/8 inch dimension (longest dimension) is running in the same direction the elbow is pointing. The shield should be centered directly above the elbow, and positioned so that it creates a 1/2 inch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

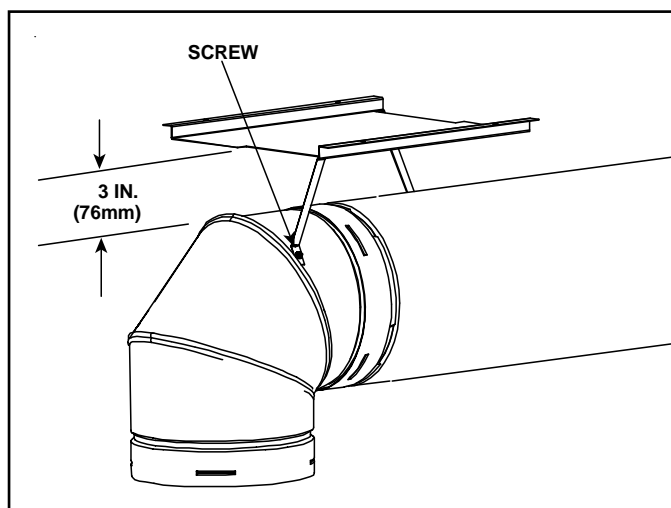
**WARNING! Risk of Fire! Do not remove heat shield. Elevated header temperatures may cause a fire.**



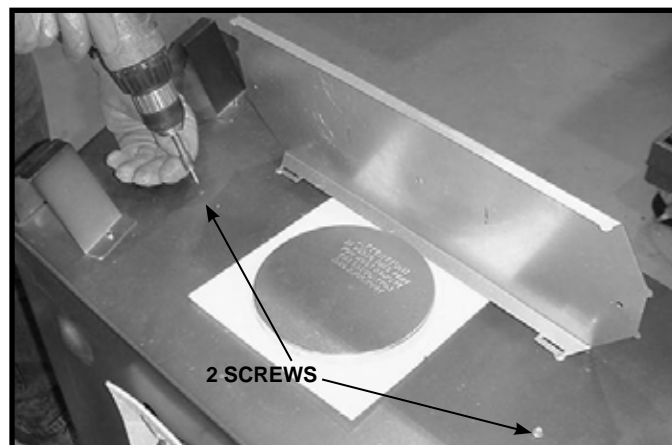
**Figure 6.5** For top vent, remove the two screws holding the top heat shield in place. For rear vent, see Figures 6.12-6.16.



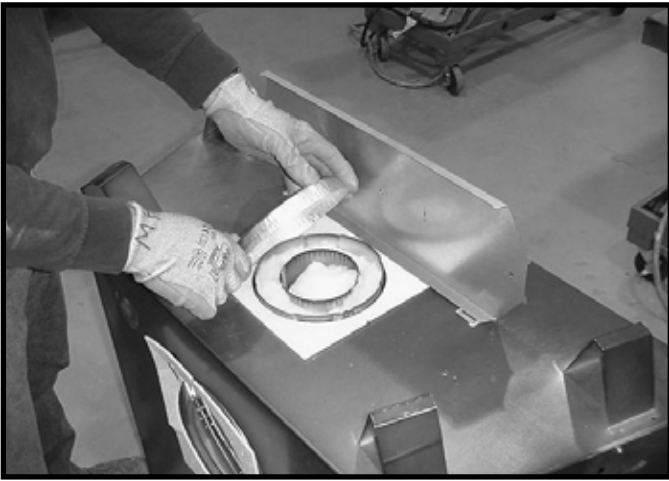
**Figure 6.6** Rotate the top heat shield to the vertical position as shown above. The heat shield must remain in the vertical position.



**Figure 6.4 Elbow Heat Shield Installed**

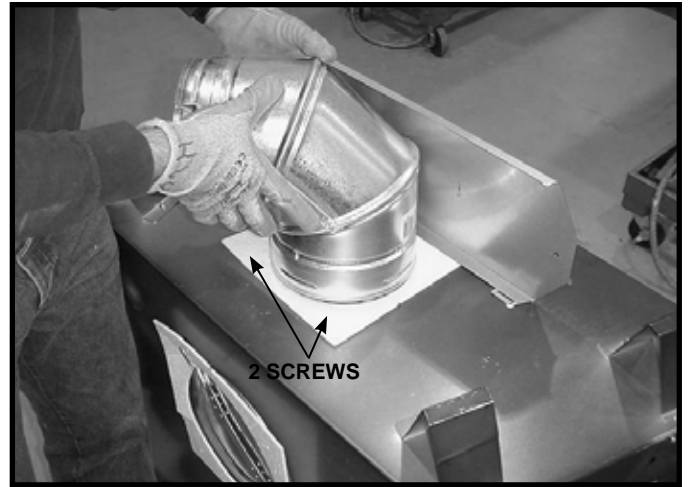


**Figure 6.7** Replace the two screws as shown.



**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.



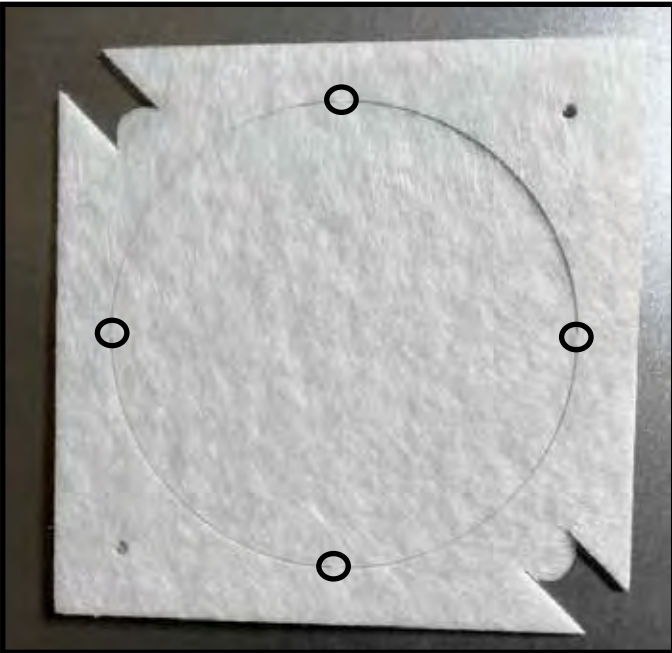
**Figure 6.9** Remove the insulation basket and white insulation from the center vent pipe.



**Figure 6.10** Remove the insulation from the outer vent pipe.

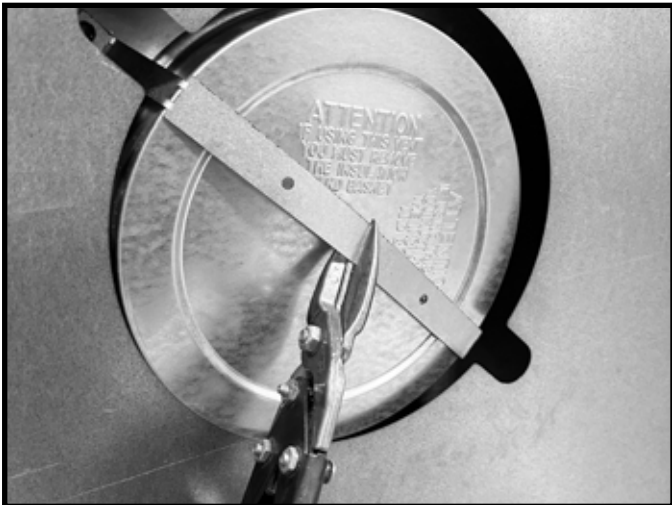
## Rear Vent

**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.

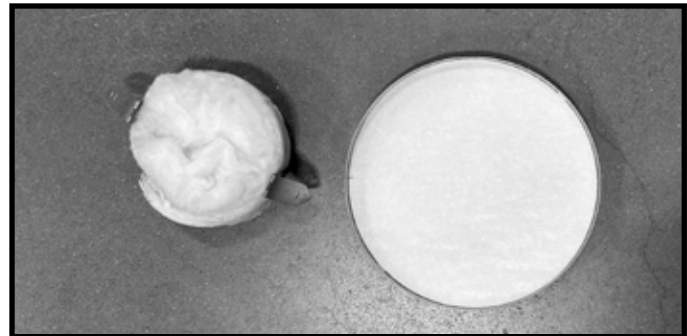


**Figure 6.13** Cut the metal retaining band.

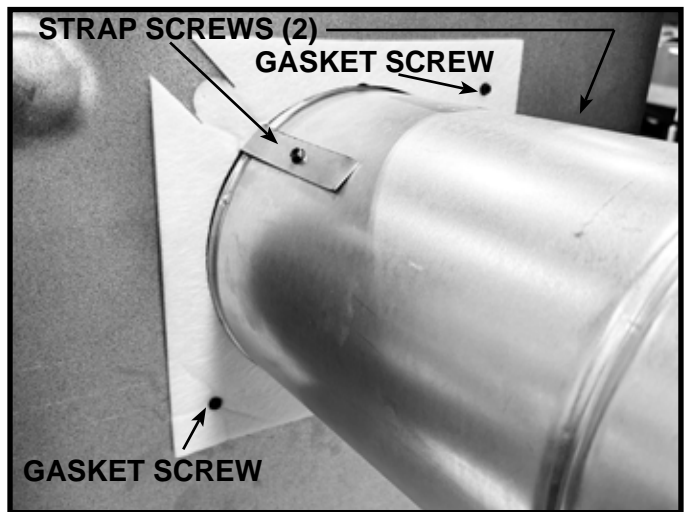


**Figure 6.14** Fold the straps away from cap. Remove seal cap utilizing cutouts.

**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.

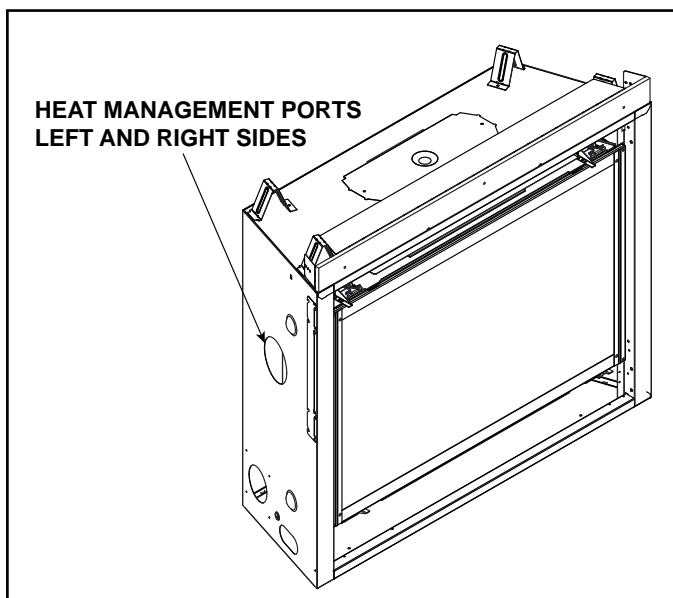


Figure 6.17 Heat Management Port Locations

## 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.

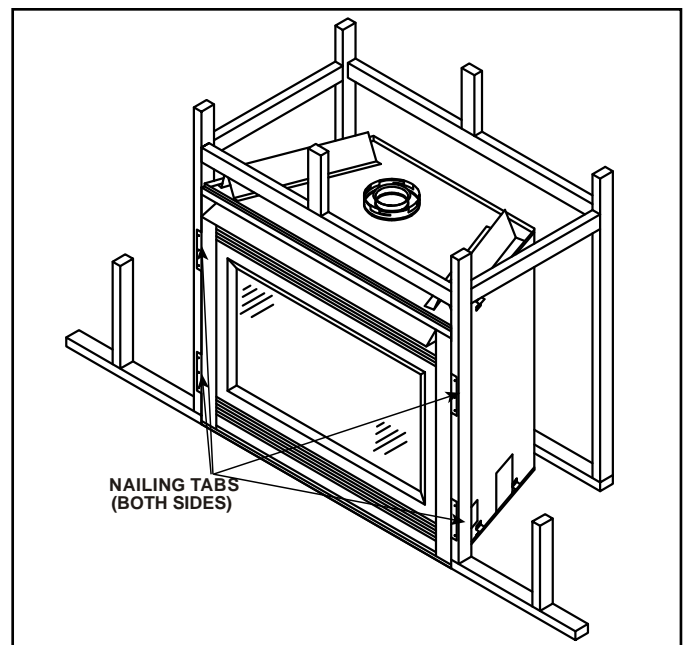


Figure 6.18 Proper Positioning and Securing of an Appliance

# 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

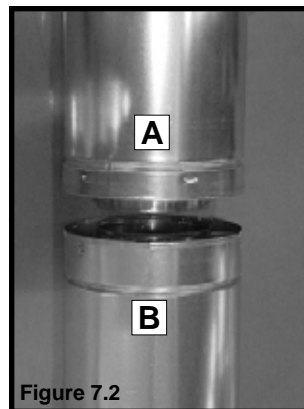


Figure 7.2

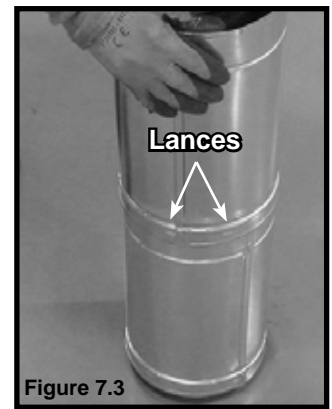
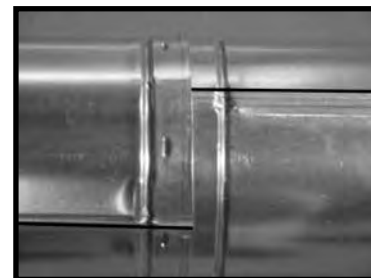


Figure 7.3

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



CORRECT

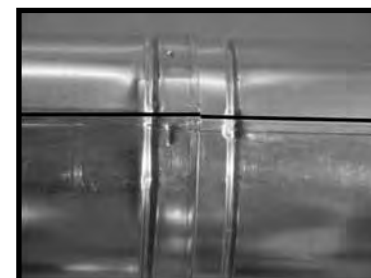


Figure 7.4 Seams INCORRECT

**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.

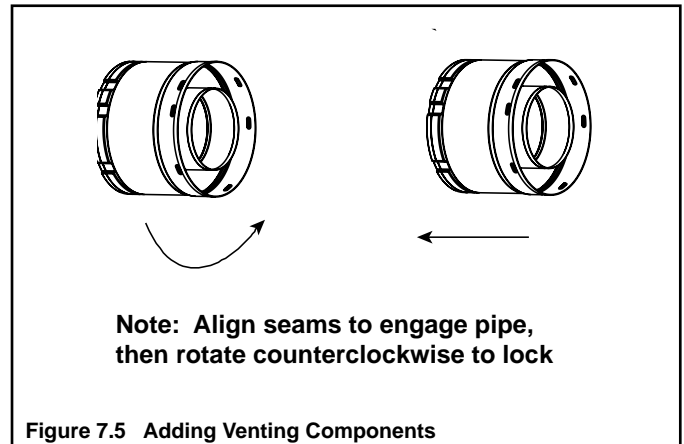
- Apply a bead of silicone sealant (300 °F minimum continuous exposure rating) inside the female outer pipe joint prior to joining sections. See Figure 7.1 **OR**

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.

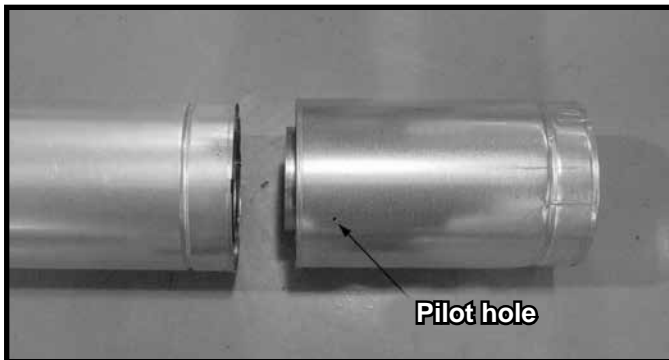


Figure 7.6 Slip Section Pilot Holes

- 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.

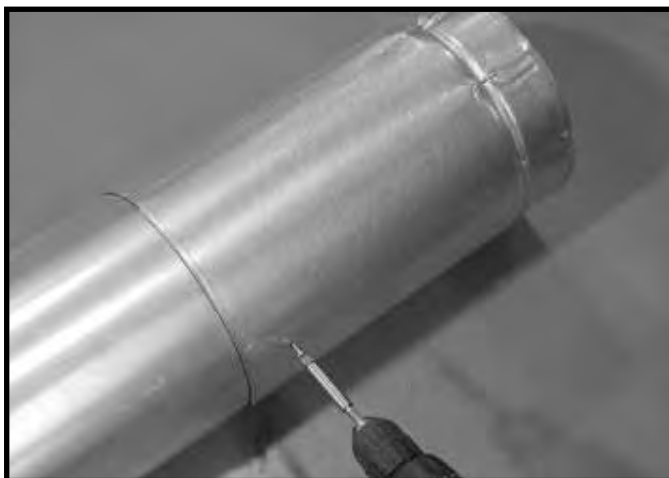


Figure 7.7 Screws into Slip Section

- 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.

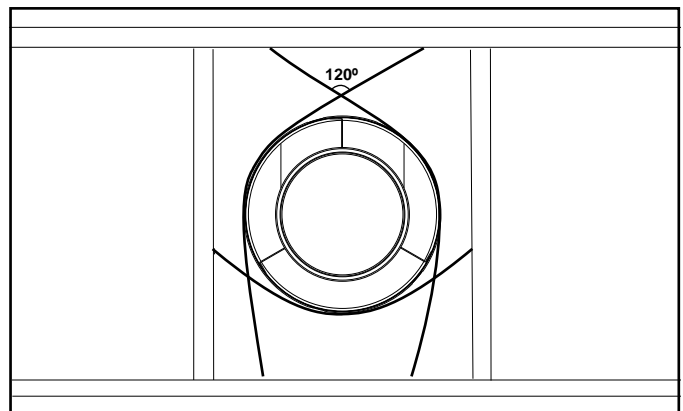


Figure 7.8 Securing Vertical Pipe Sections

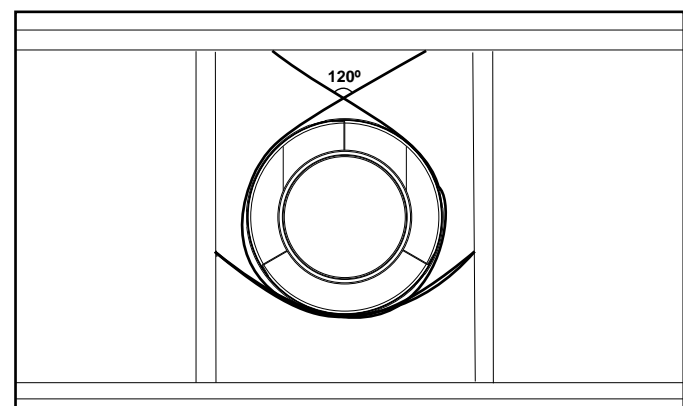


Figure 7.9 Securing Horizontal Pipe Sections

## 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.

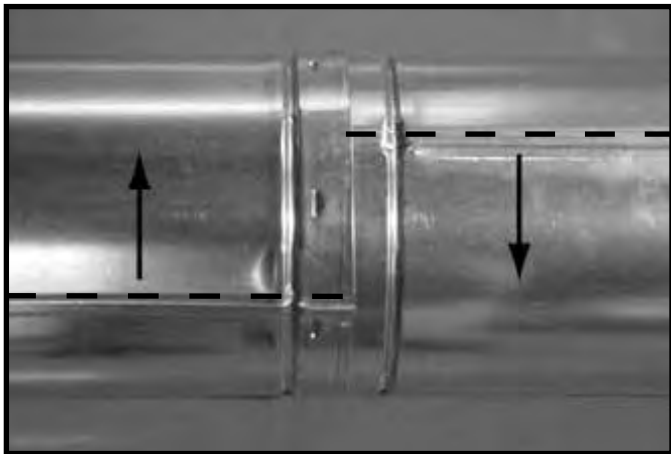


Figure 7.10 Rotate Seams for Disassembly

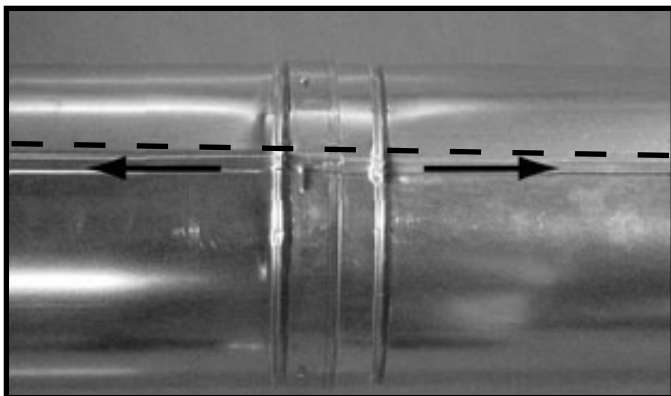


Figure 7.11 Align and Disassemble Vent Sections

## E. Vertical Termination Requirements

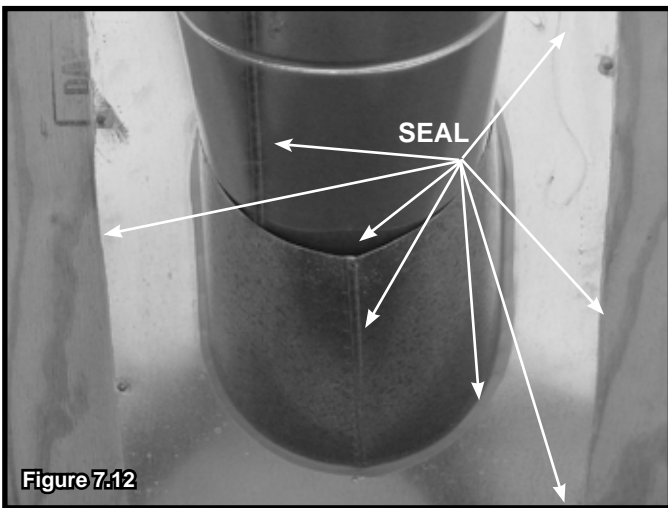
### Install and Seal Metal Roof Flashing

- 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.



### 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.

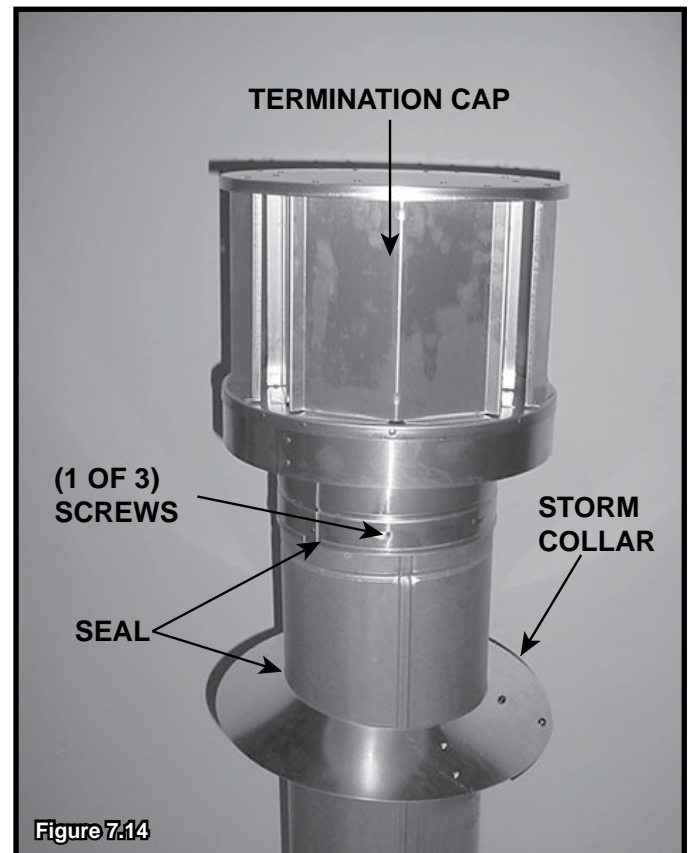
- Slide the storm collar onto the exposed pipe section and align brackets.
- Insert a bolt (provided) through the brackets and install nut. Do not completely tighten.



- 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.



## 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.

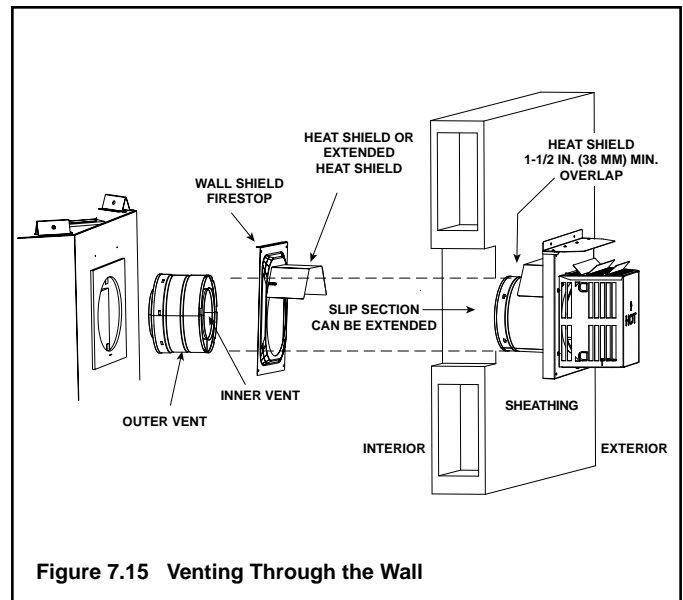


Figure 7.15 Venting Through the Wall

# 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.

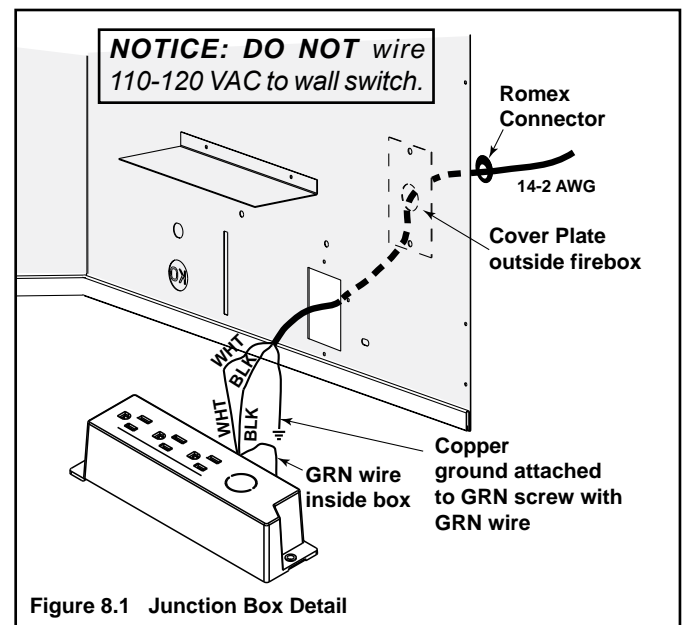
**NOTICE:** This appliance must be electrically wired and grounded in accordance with local codes or, in the absence of local codes, with **National Electric Code ANSI/NFPA 70-latest edition** or the **Canadian Electric Code CSA C22.1**.

- 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

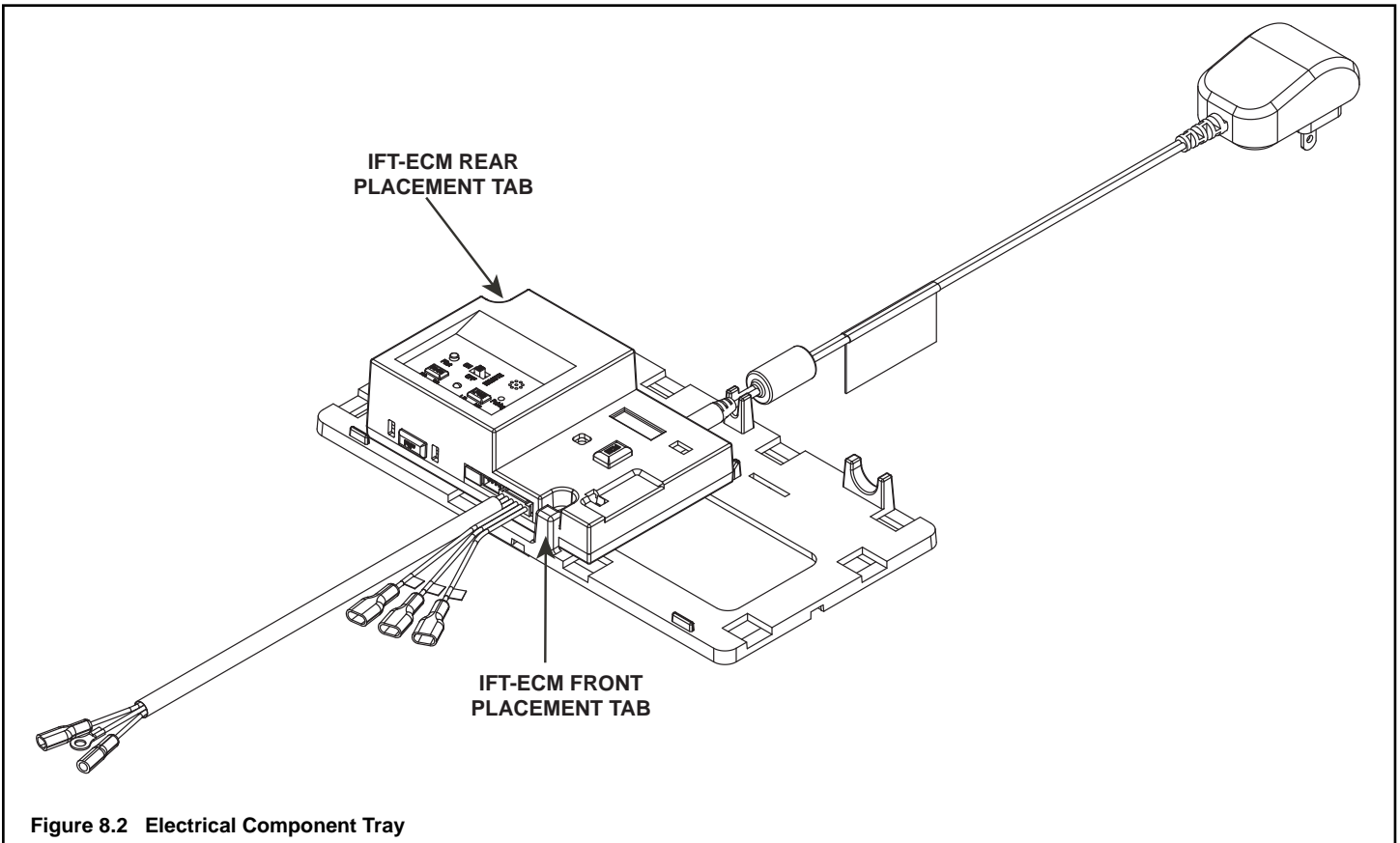
**WARNING! Risk of Shock!** Label all wires prior to disconnection when servicing controls. Wiring errors could cause improper and dangerous operation. Verify proper operation after servicing.

**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.

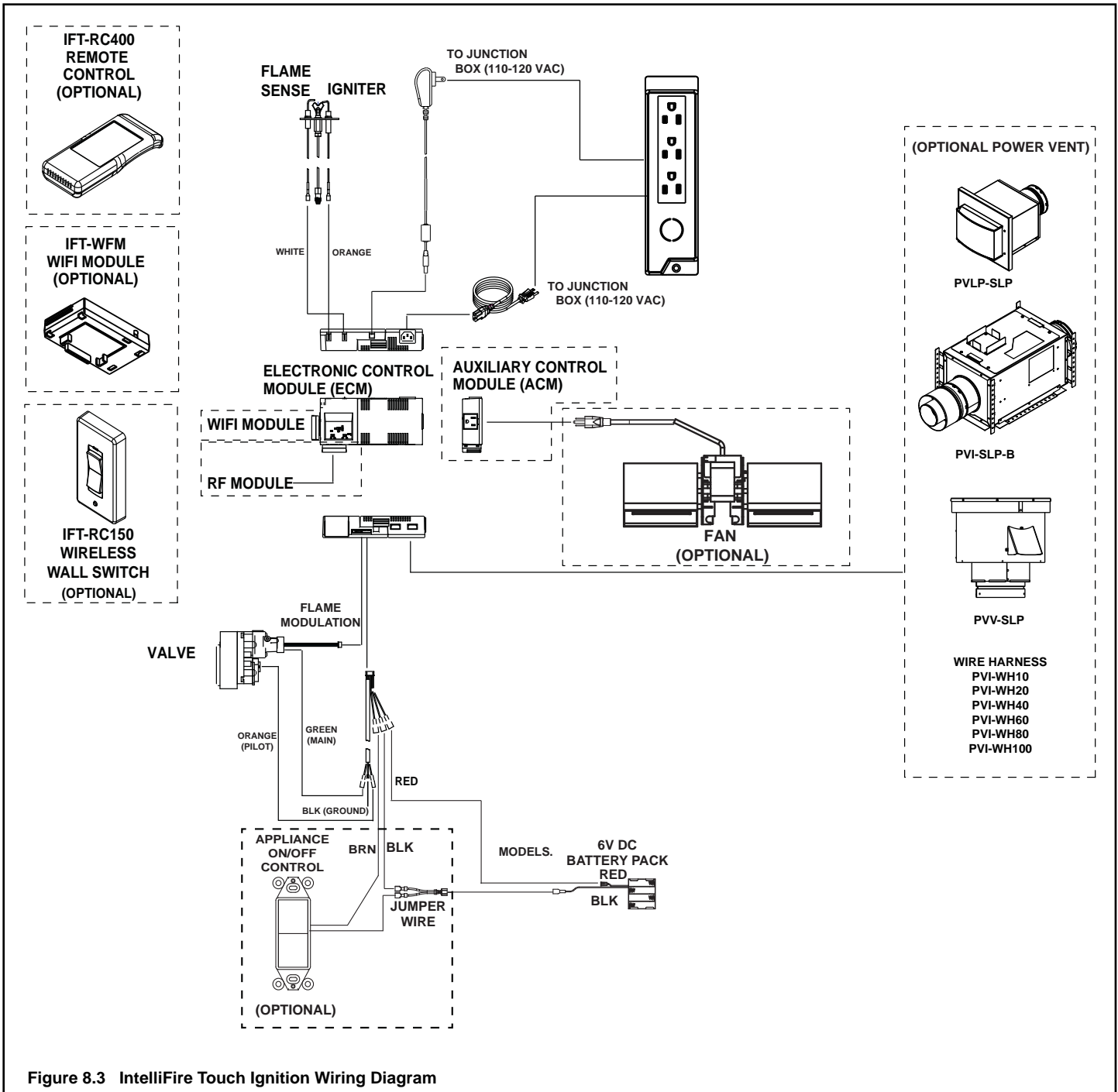
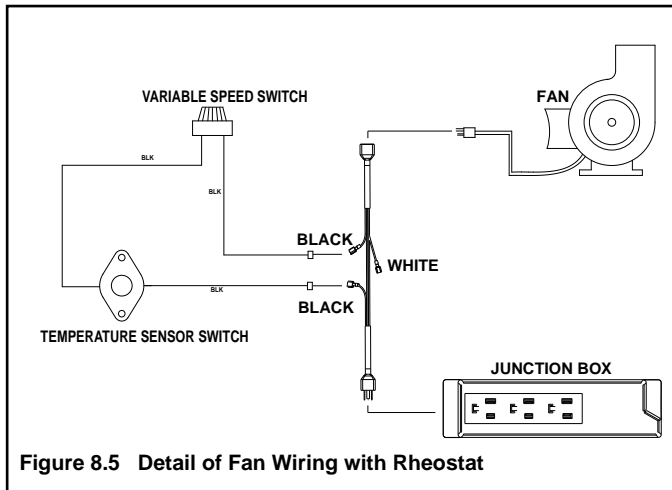
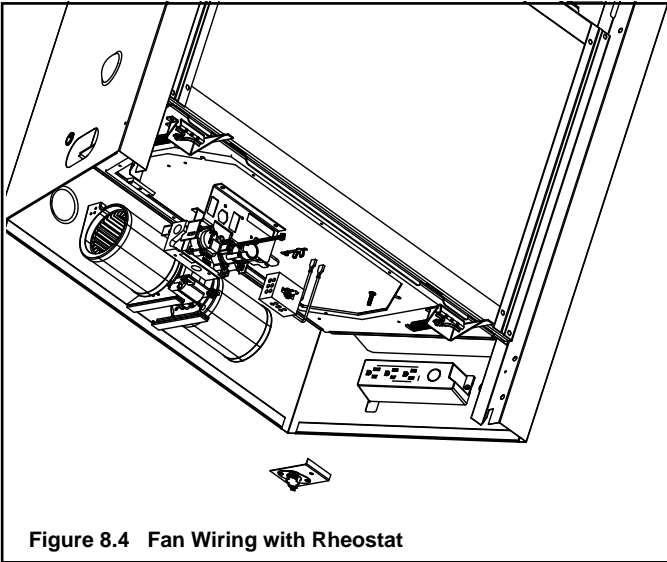


Figure 8.3 IntelliFire Touch Ignition Wiring Diagram

## 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**



Fire Risk.  
Risk of Fire! Risk of Explosion!  
Incorrect pressure will damage valve.

- 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.

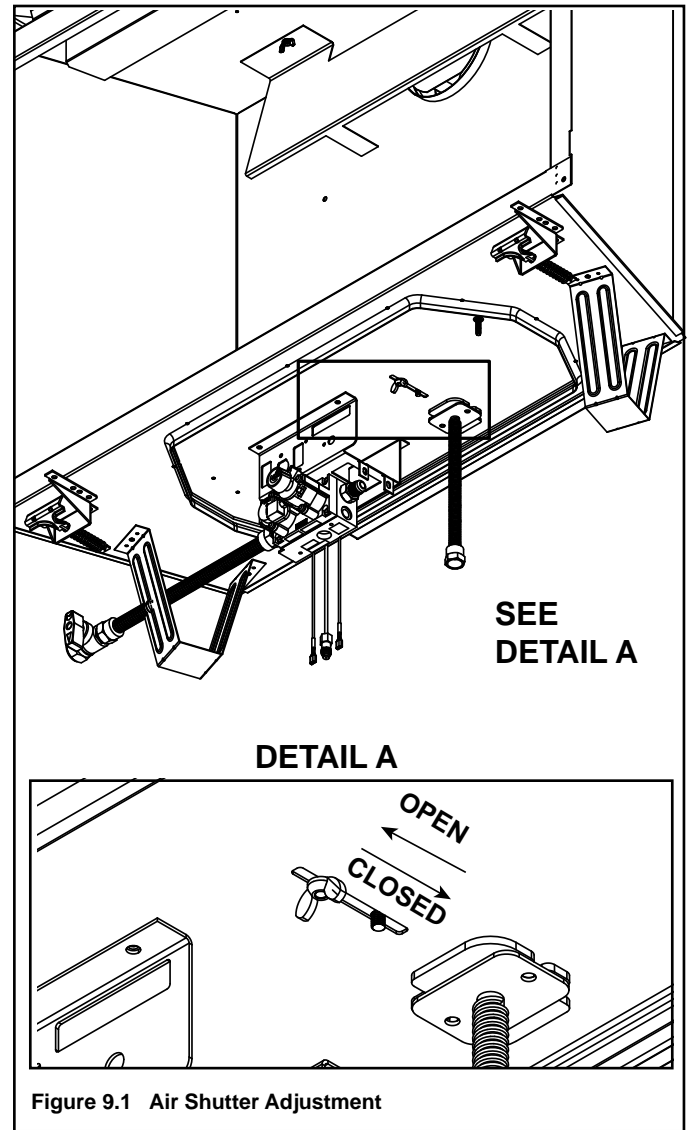


Figure 9.1 Air Shutter Adjustment

## 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.

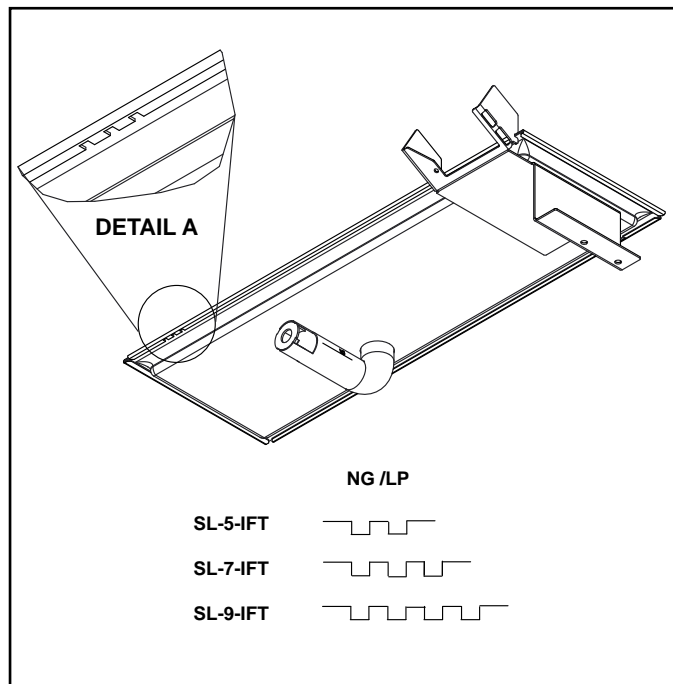


Figure 9.2 Burner Identification

# 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.

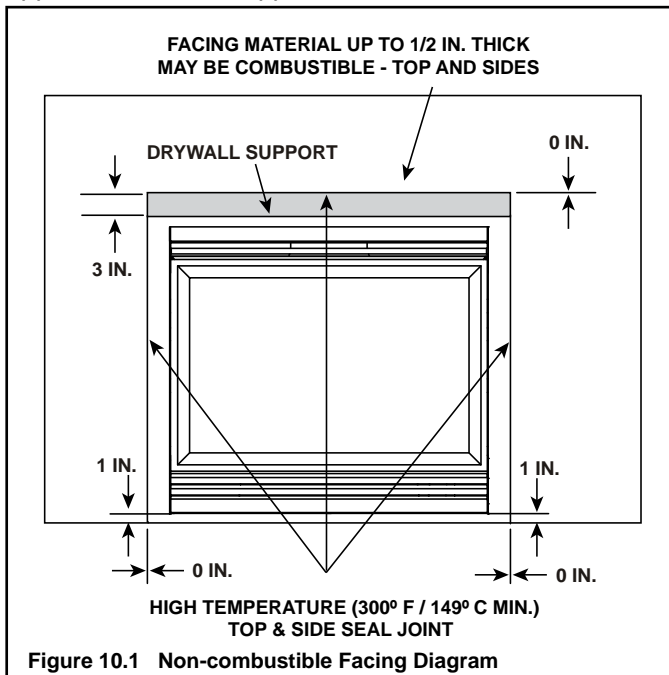


Figure 10.1 Non-combustible Facing Diagram

## 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

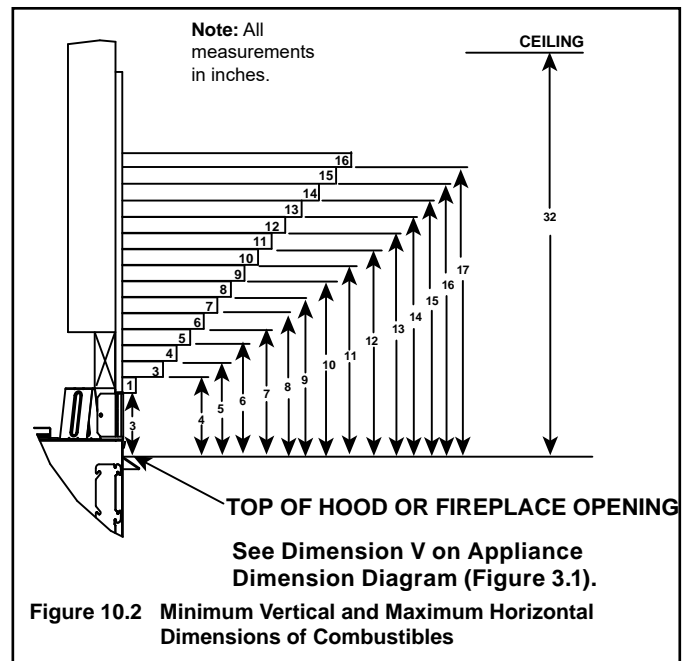


Figure 10.2 Minimum Vertical and Maximum Horizontal Dimensions of Combustibles

### Non-Combustible Mantels

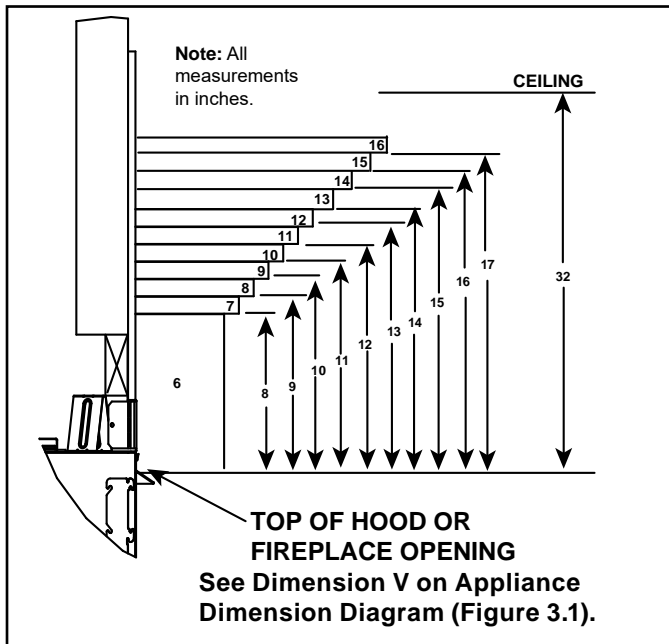


Figure 10.3 Minimum Vertical and Maximum Horizontal Dimensions of Non-Combustibles

### Non-Combustible Mantel Legs or Wall Projections

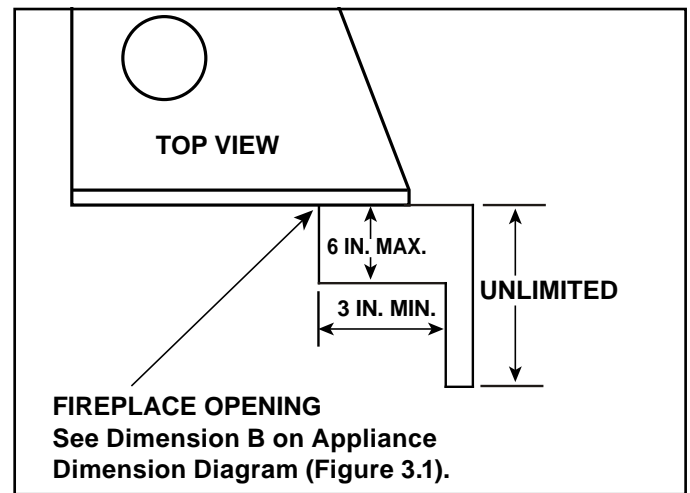


Figure 10.6 Non-Combustible Mantel Leg or Wall Projections (Acceptable on both sides of opening)

### Combustible Mantel Legs or Wall Projections

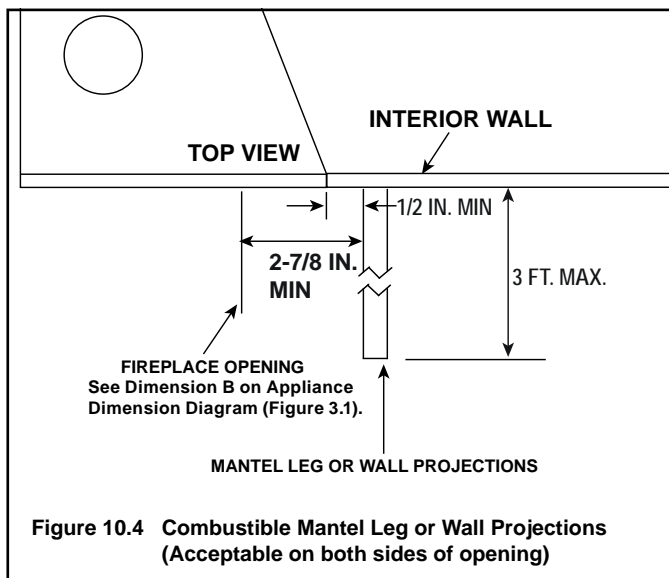


Figure 10.4 Combustible Mantel Leg or Wall Projections (Acceptable on both sides of opening)

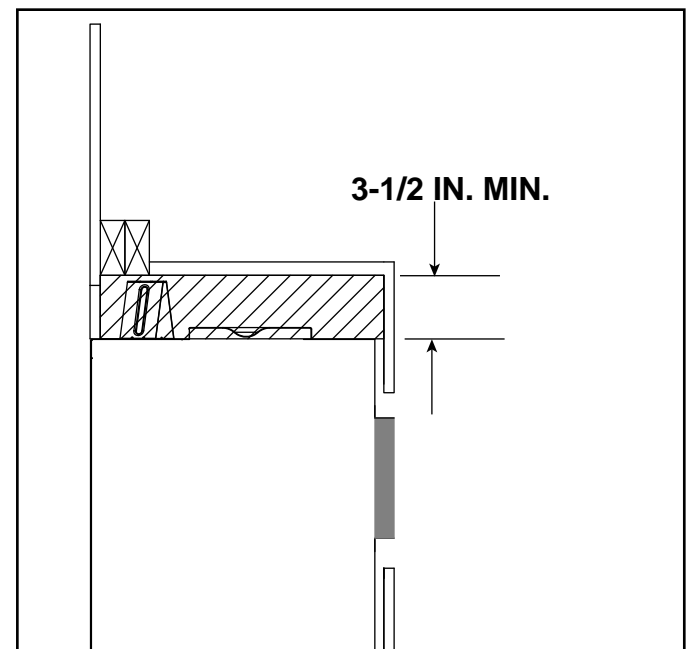


Figure 10.7 Rear Vent Non-Combustible Zone Above Appliance

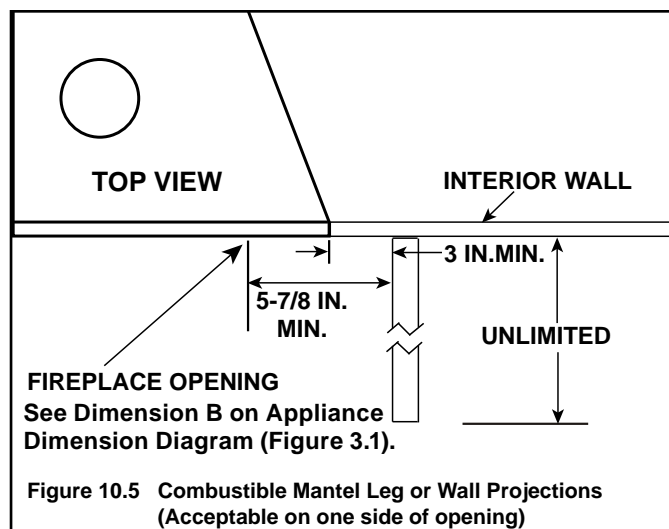


Figure 10.5 Combustible Mantel Leg or Wall Projections (Acceptable on one side of opening)

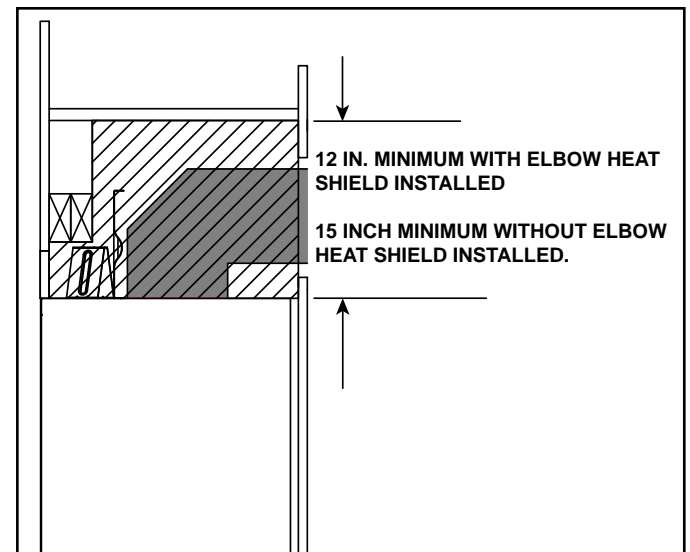


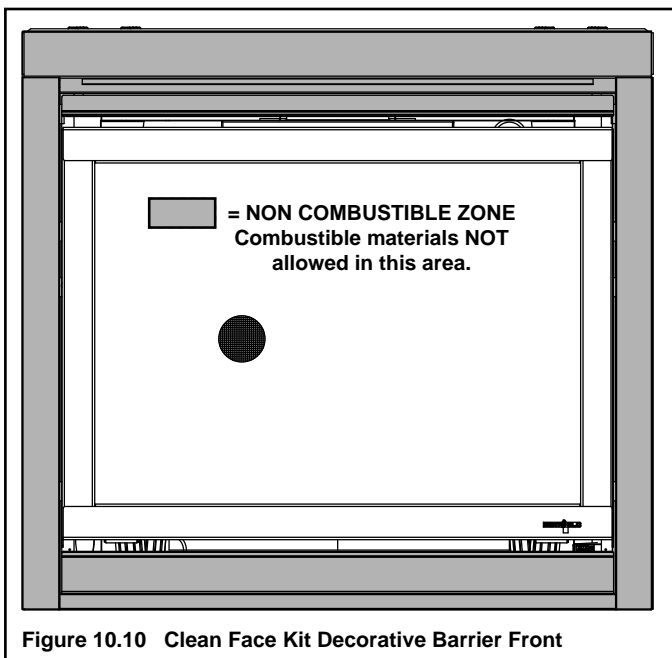
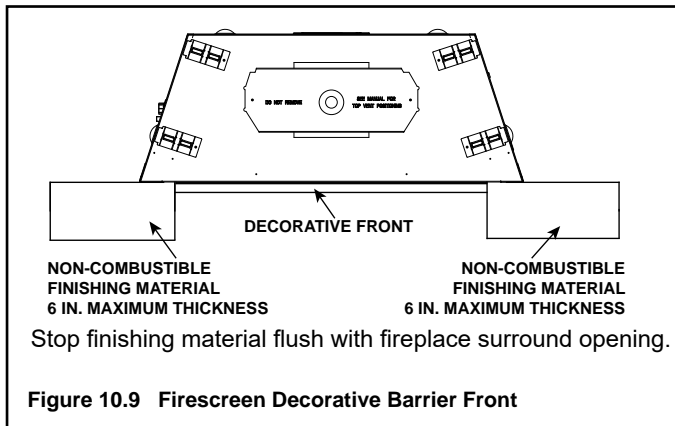
Figure 10.8 Top Vent Non-Combustible Zone Above Appliance

## D. Decorative Barrier Front Dimensions for Finishing

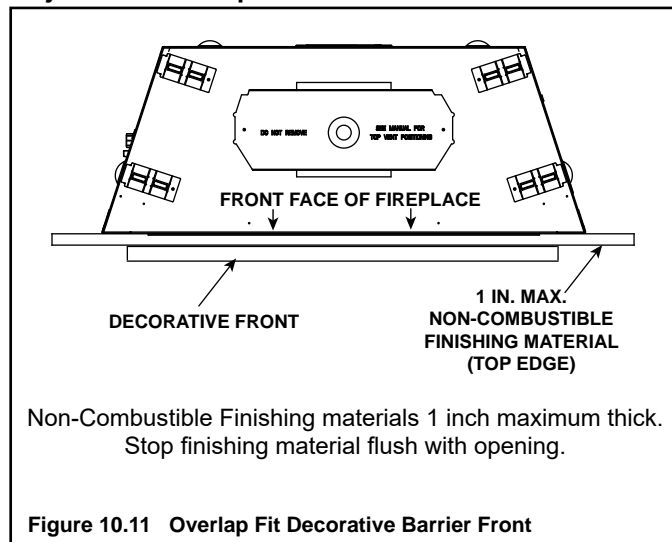
Only decorative barrier fronts certified for use with this appliance model may be used. Contact your dealer for a list of decorative barrier fronts that may be used.

**Note:** Refer to Section 3 for individual decorative barrier front dimensions as installed on appliance.

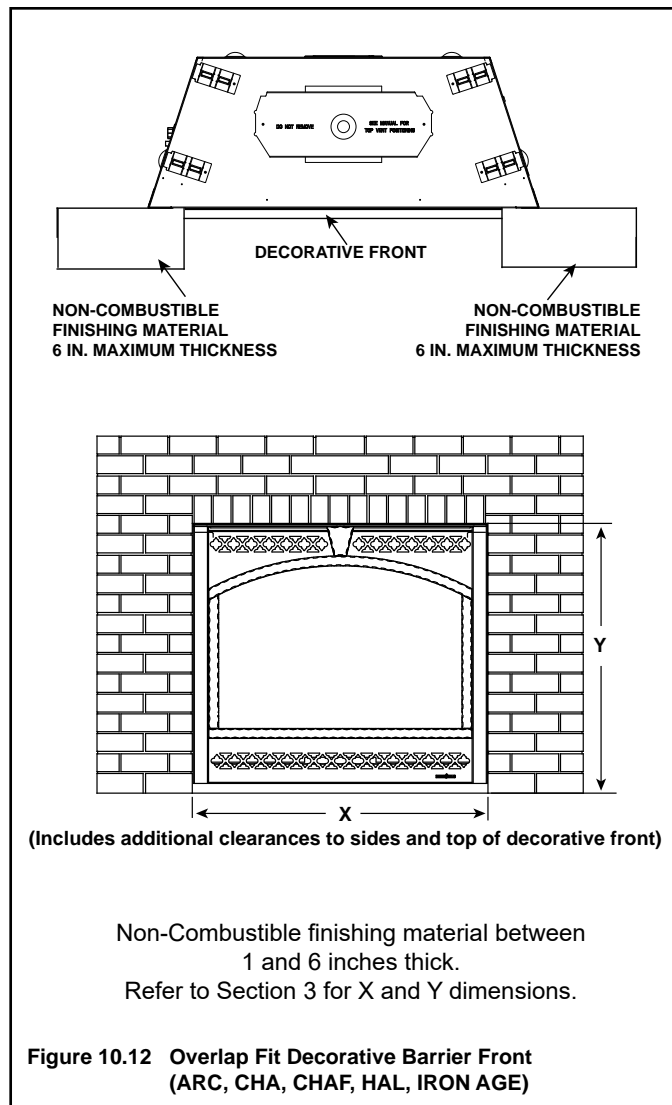
### Inside Fit - Firescreen Front (0-6 Inch Finishing)



### Adjustable Overlap Fit



### Overlap Fit - ARC,CHA,HAL, CHAF & IRON AGE (1-6 Inch Finishing)



# 11 Appliance Setup

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## 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.

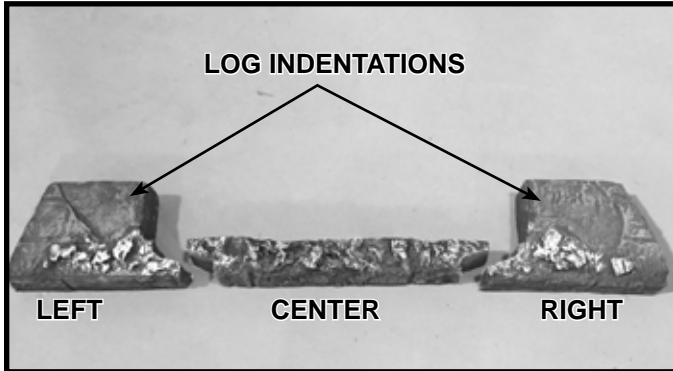


Figure 11.1 Hearth Components

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.

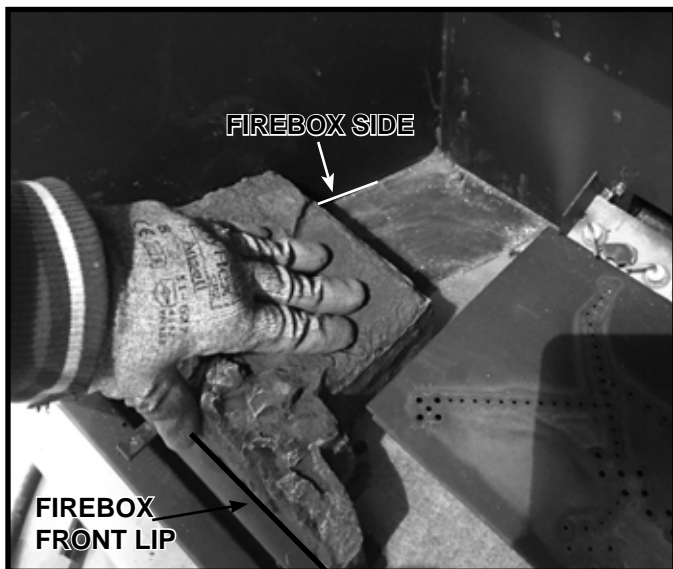


Figure 11.2 Install Left Hearth Component

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.

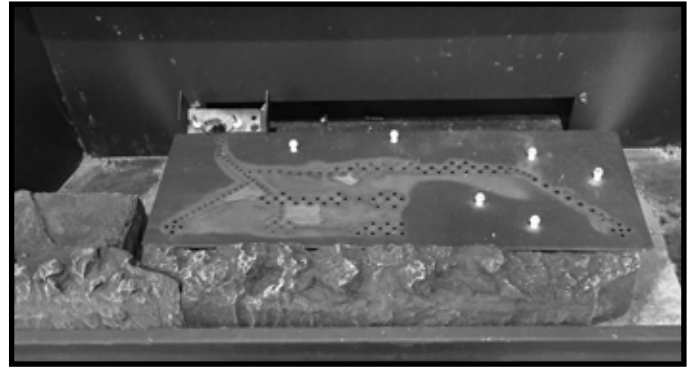


Figure 11.3 Install Center Hearth Component

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.

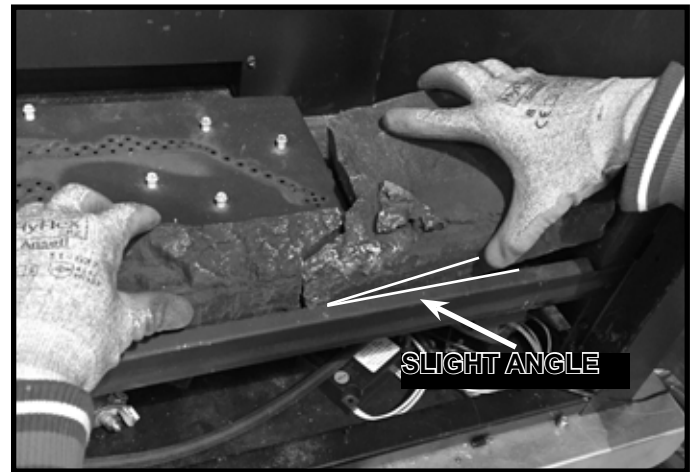


Figure 11.4 Lift Center Hearth Component While Placing Right Hearth Component

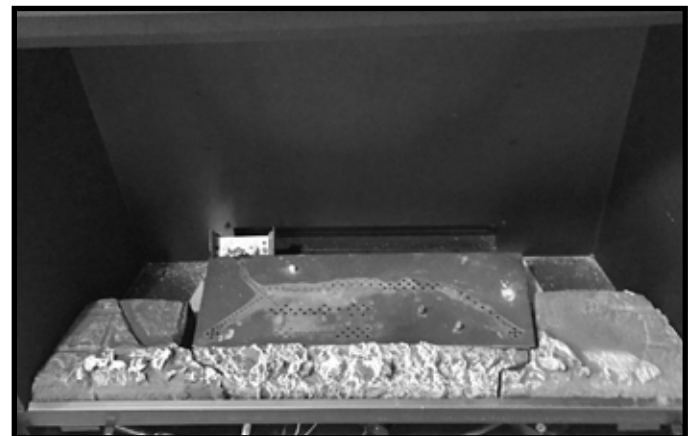


Figure 11.5 Hearth Components Installed

## 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.

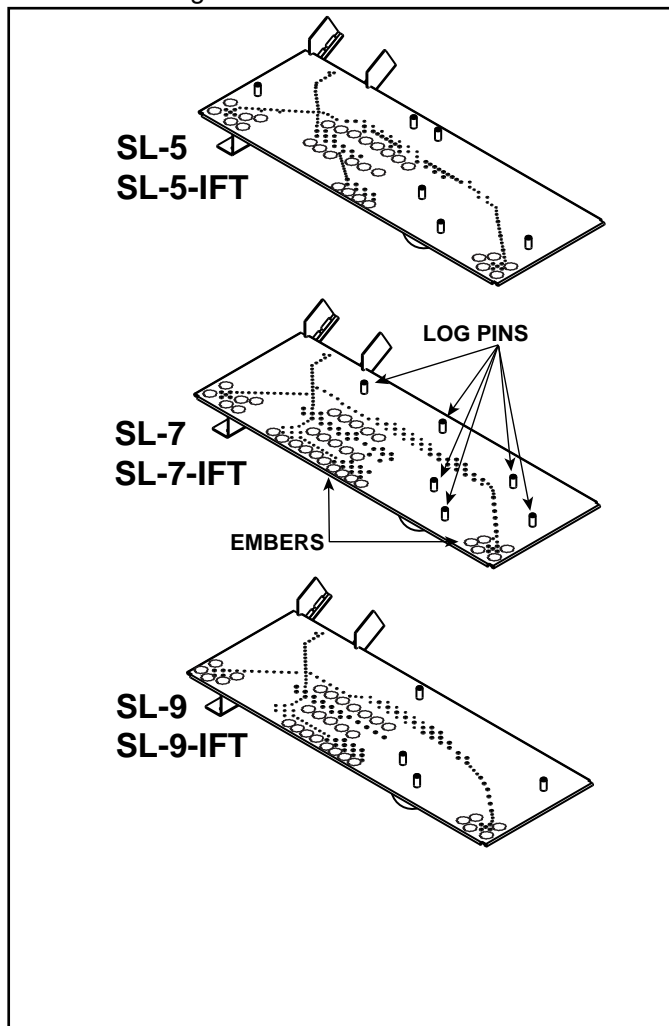


Figure 1. Log Pin and Glowing Ember Locations

### 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.

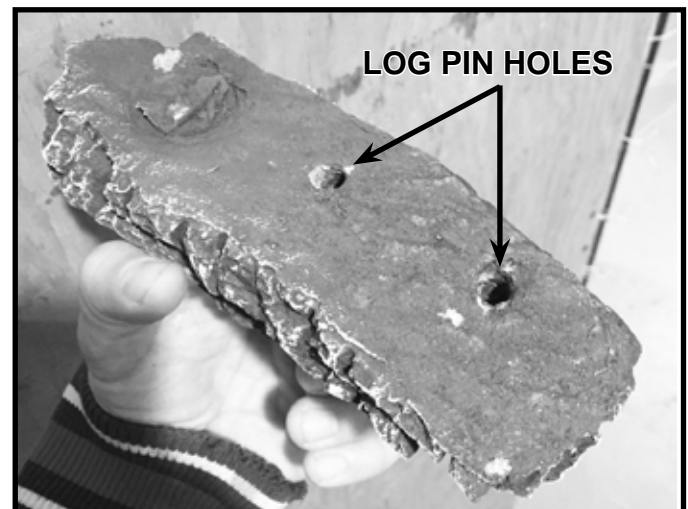


Figure 2. Example of Log Pin Holes

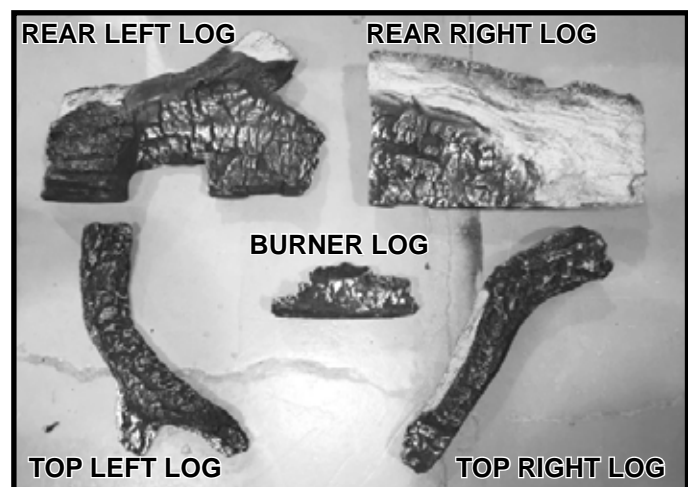


Figure 3. Log Assembly Components

## 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.

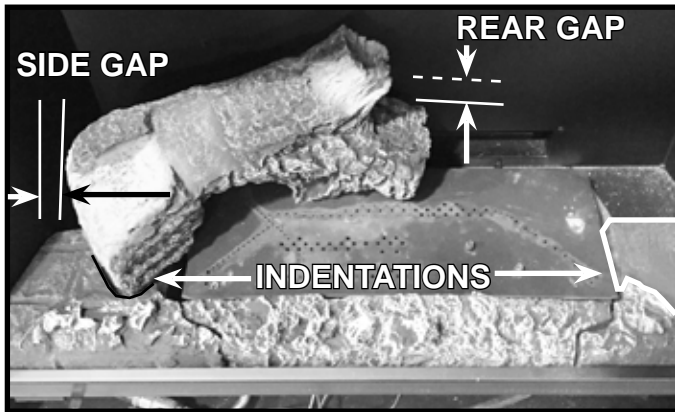


Figure 4. Install Left Rear Log

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.

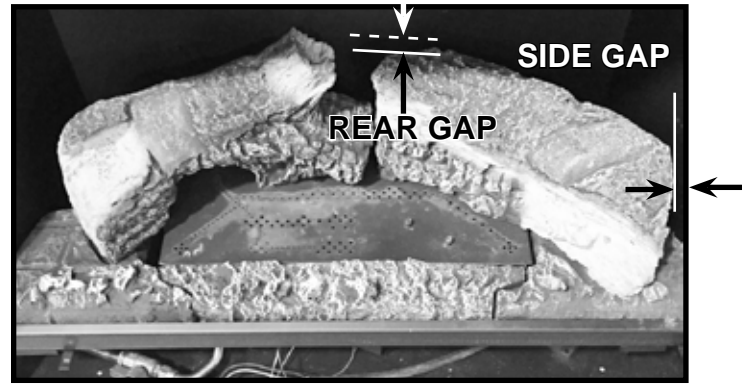


Figure 5. Install Right Rear Log

## 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.

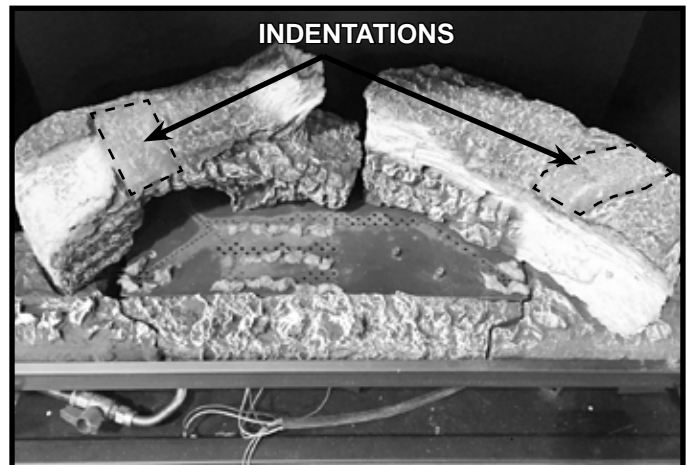


Figure 6. Glowing Embers® Installed

## 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.

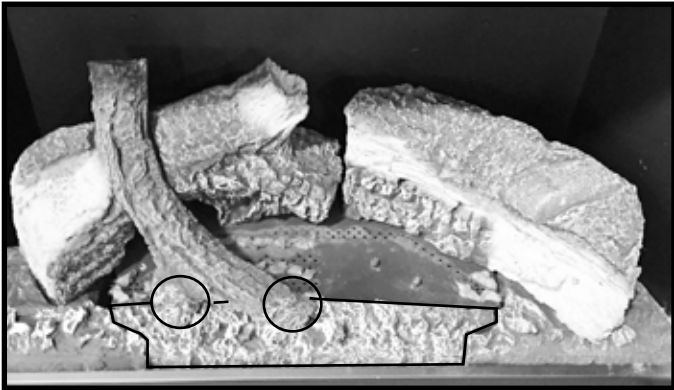


Figure 7. Install Top Left Log

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.

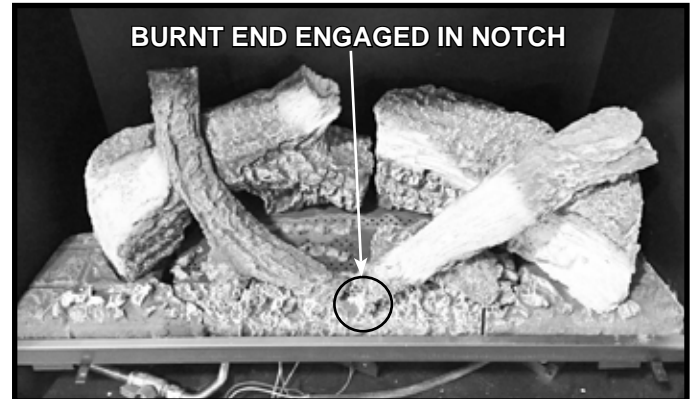


Figure 9. Top Right Log Installed - Log Set Complete

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.

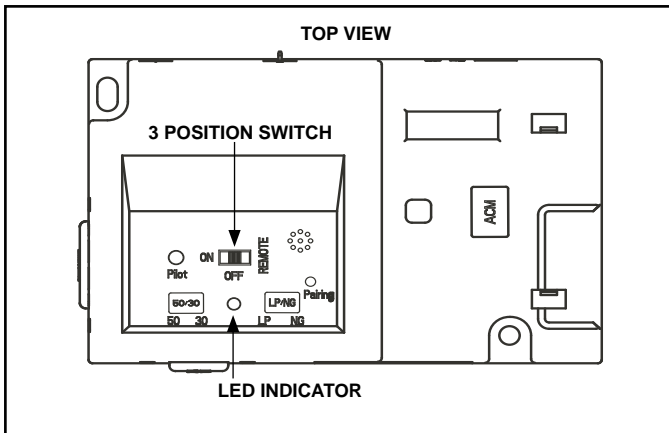


Figure 11.6 IFT-ECM

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.

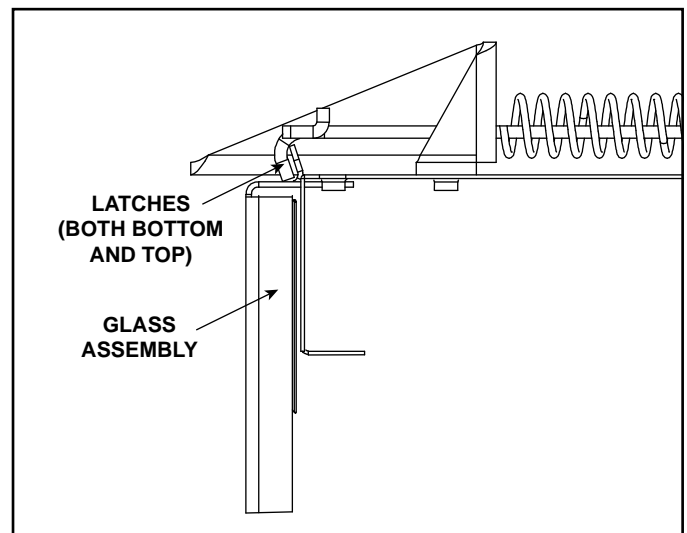


Figure 11.7 Fixed Glass Assembly

## 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 215<sup>th</sup> Street West, Lakeville, MN 55044  
[www.heatnglo.com](http://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](http://www.heatnglo.com).

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# 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

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DATE: 12/10/2025

PAGE: **1**  
COVER SHEET

**Old World**  
CUSTOM HOMES

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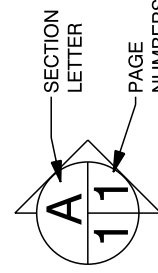
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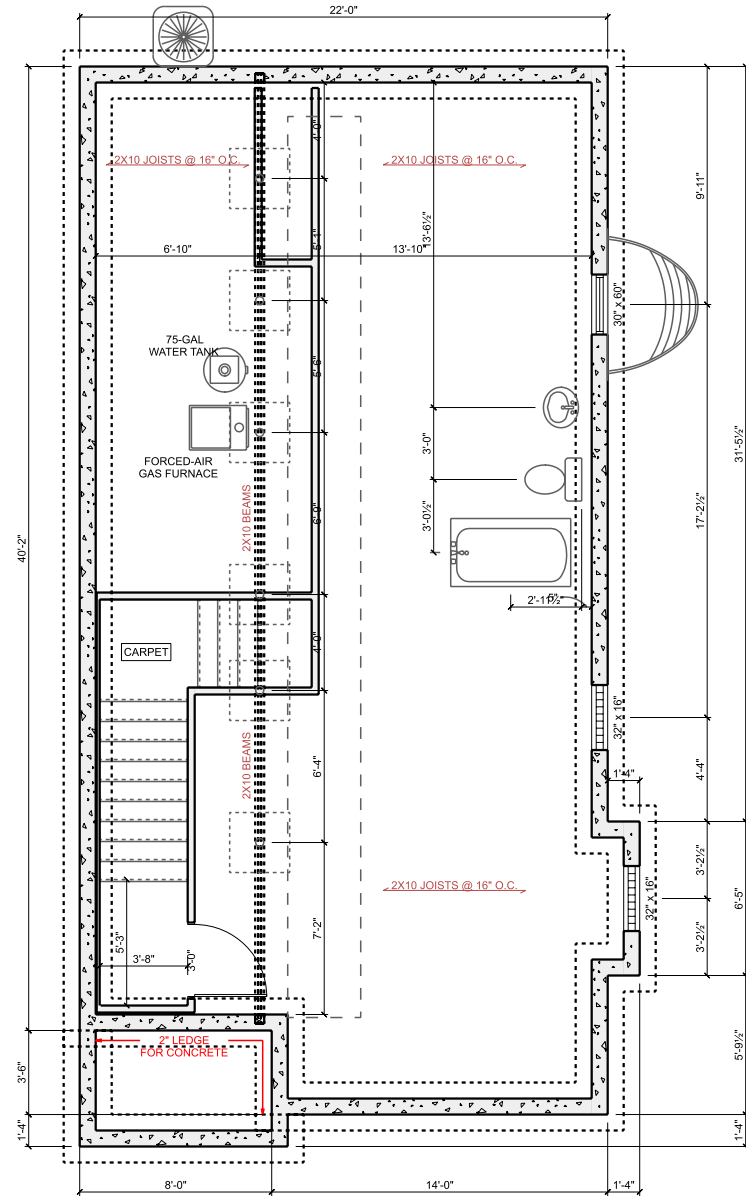
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ADDITIONAL RENDERINGS



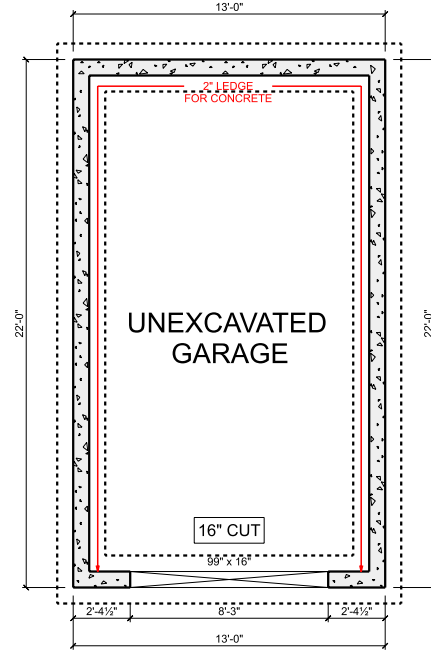
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\*HVAC & PLUMBING/OTHER CEILING DROPS ARE REQUIRED AND LOCATIONS ON PLANS ARE A GUIDELINE. FINAL LOCATION OF DROPS CANNOT BE GUARANTEED\*

8' POURED FOUNDATION WALLS

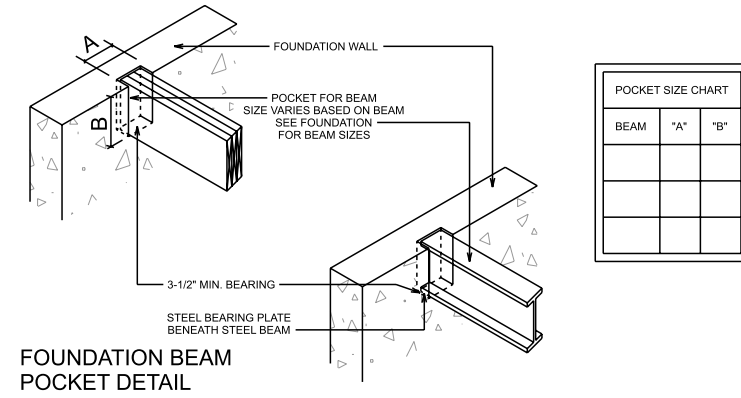
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# GARAGE FOUNDATION

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## LEON RESIDENCE

1114 FOREST ROAD  
LAKEWOOD OH 44107

3

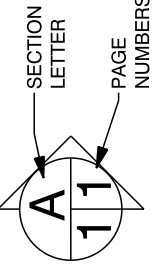
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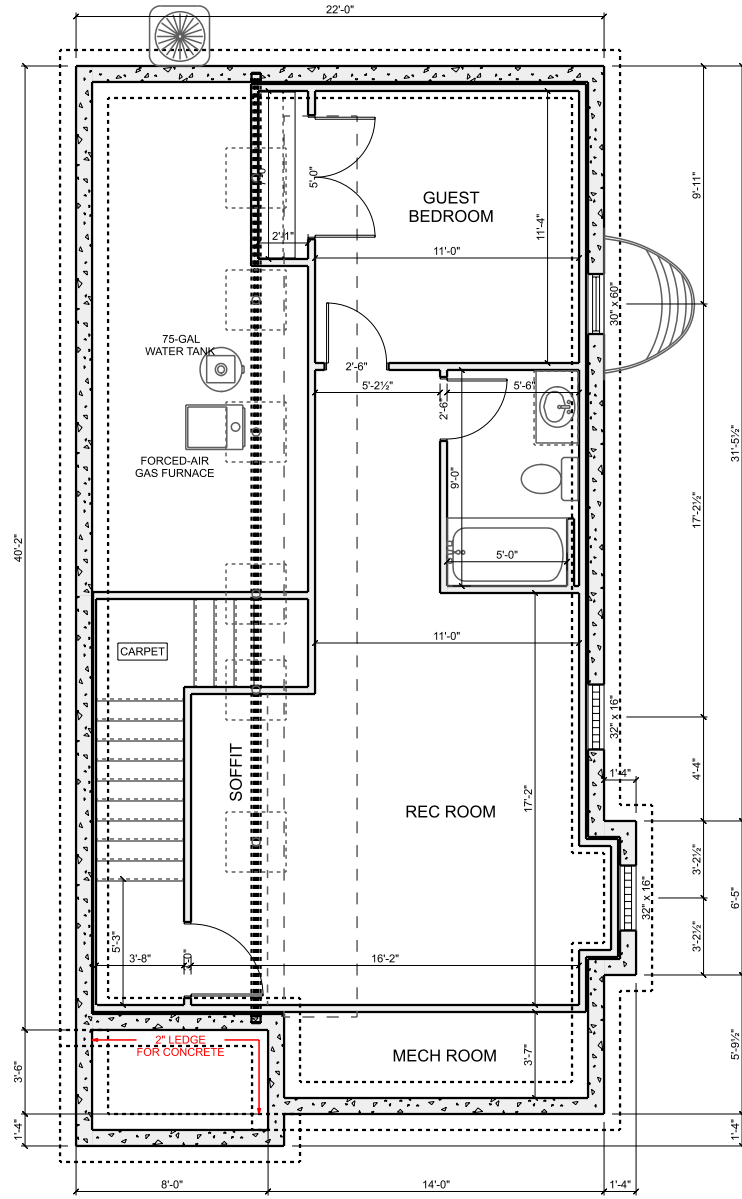
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# FINISHED BASEMENT

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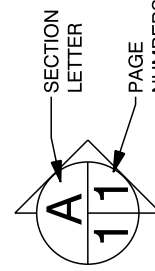
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**8' POURED FOUNDATION WALLS**



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SECTION LETTER  
 PAGE NUMBERS

## LEON RESIDENCE

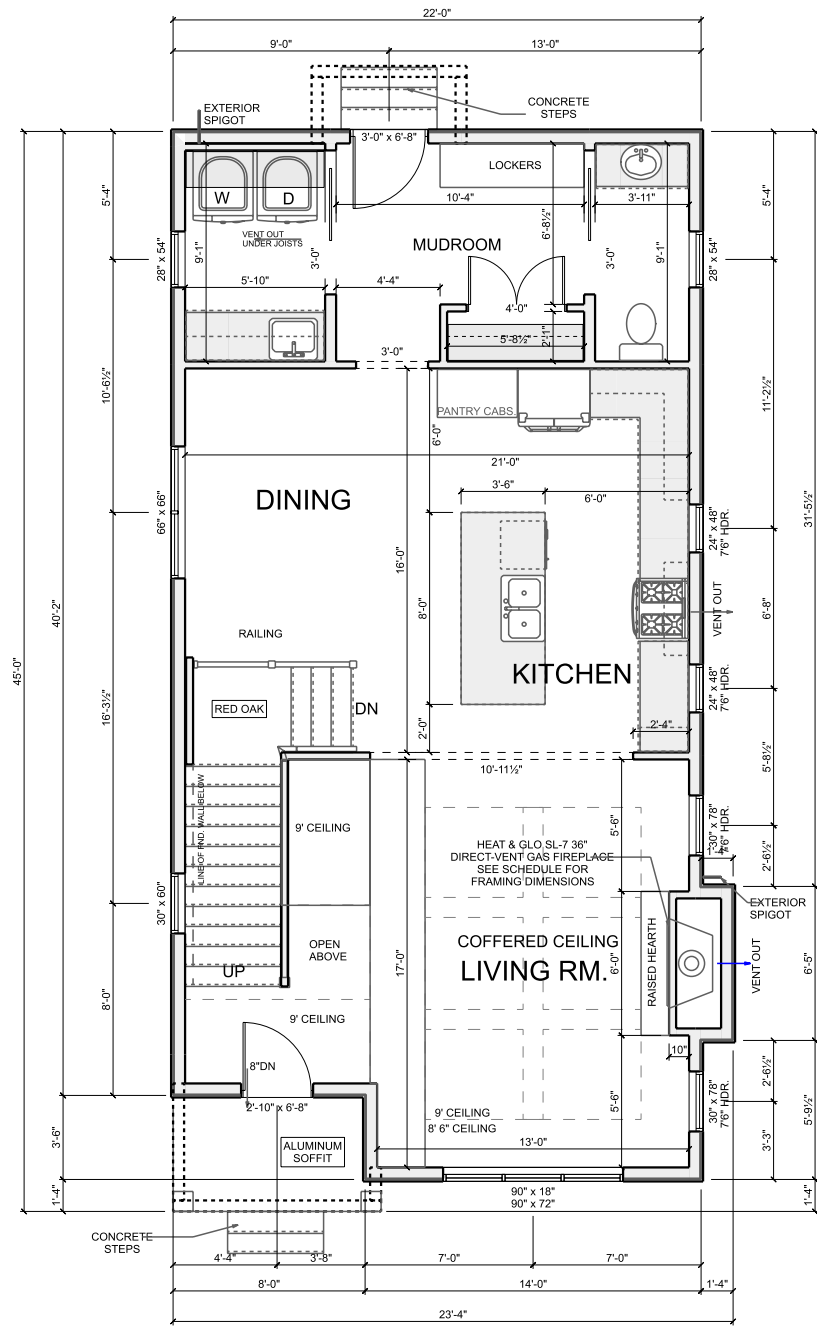
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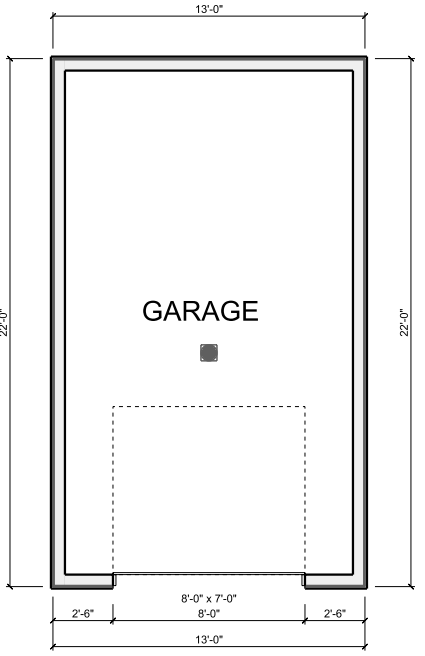
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FINISHED BASEMENT



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**

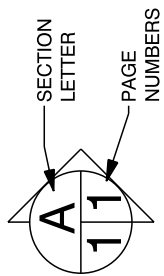
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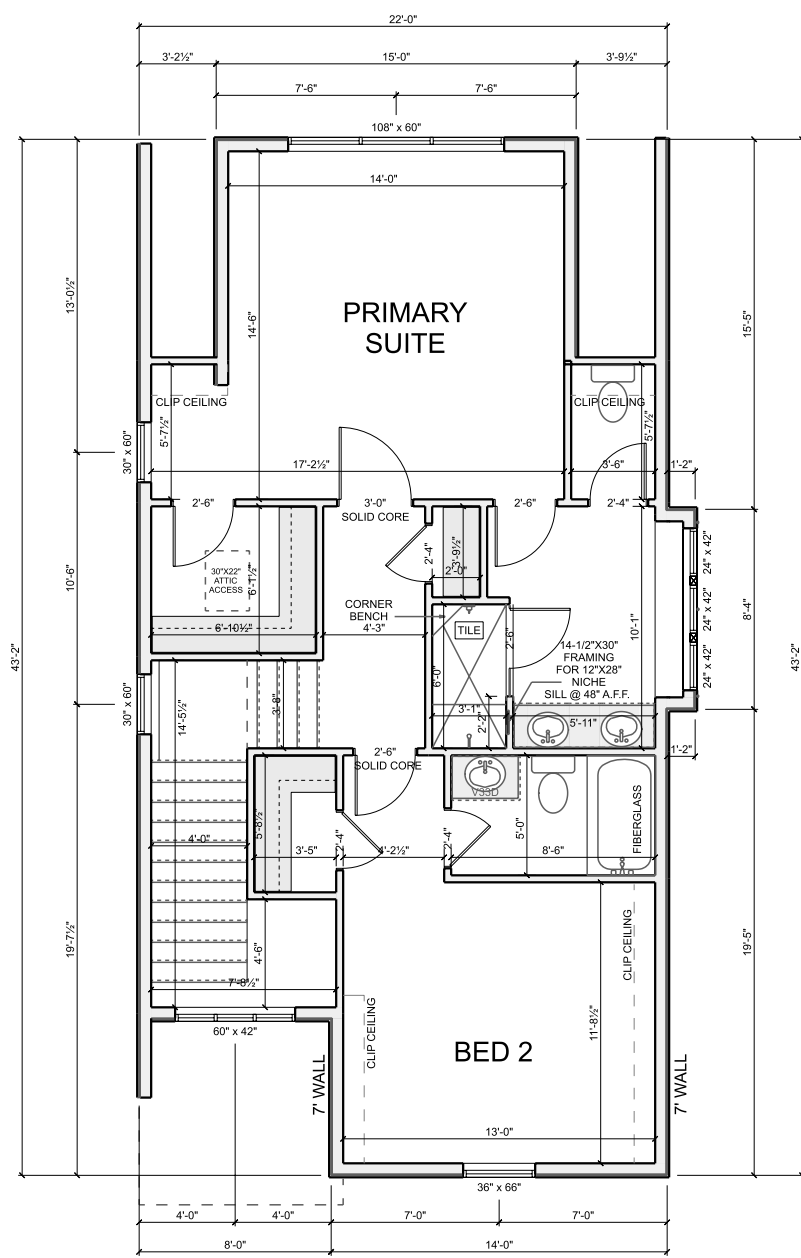
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MAIN FLOOR



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

# SECOND FLOOR

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

## LEON RESIDENCE

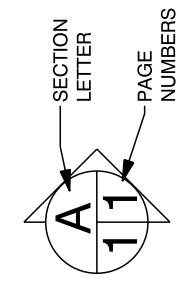
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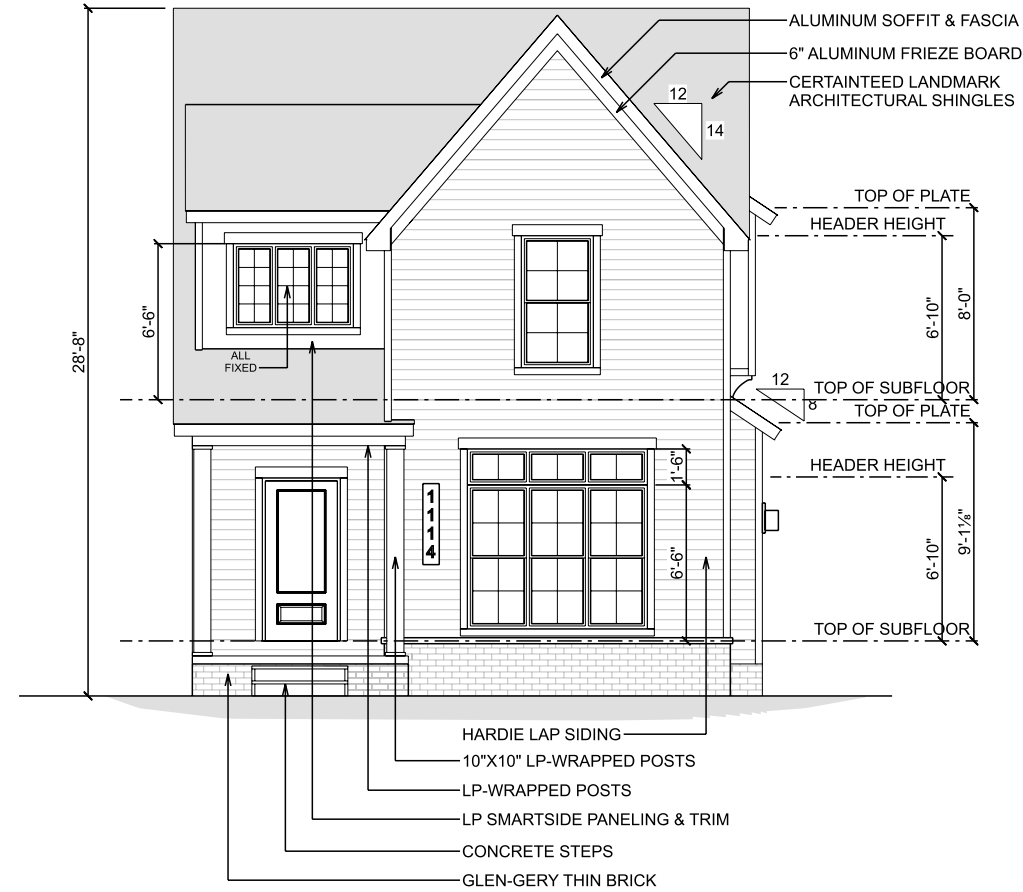
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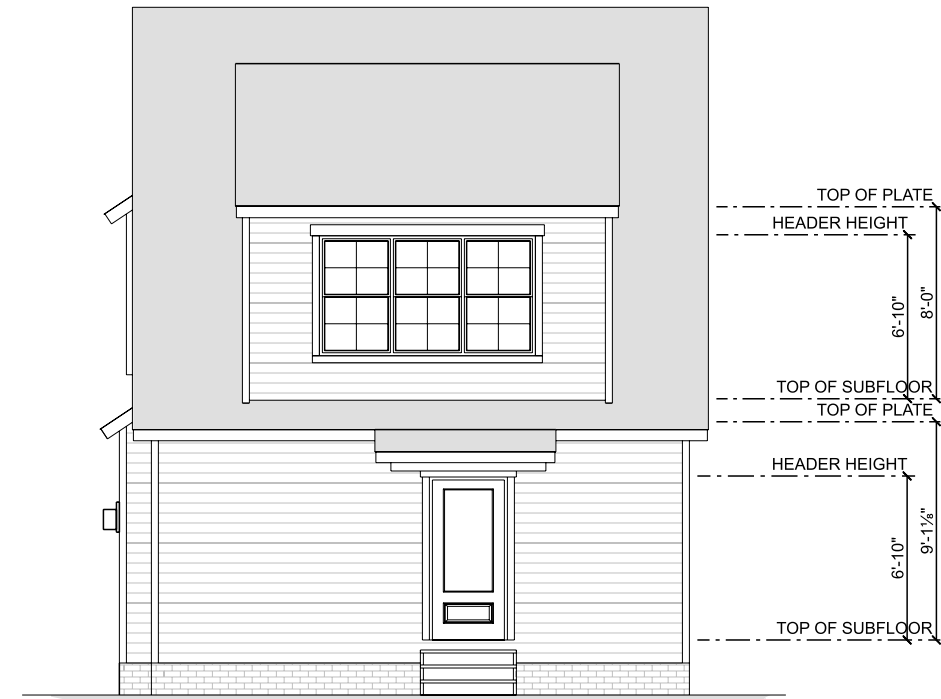
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**FRONT ELEVATION**  
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**REAR ELEVATION**  
SCALE: 1/8" = 1'-0"

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**

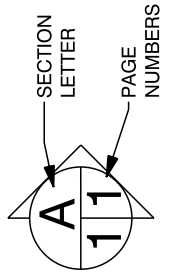
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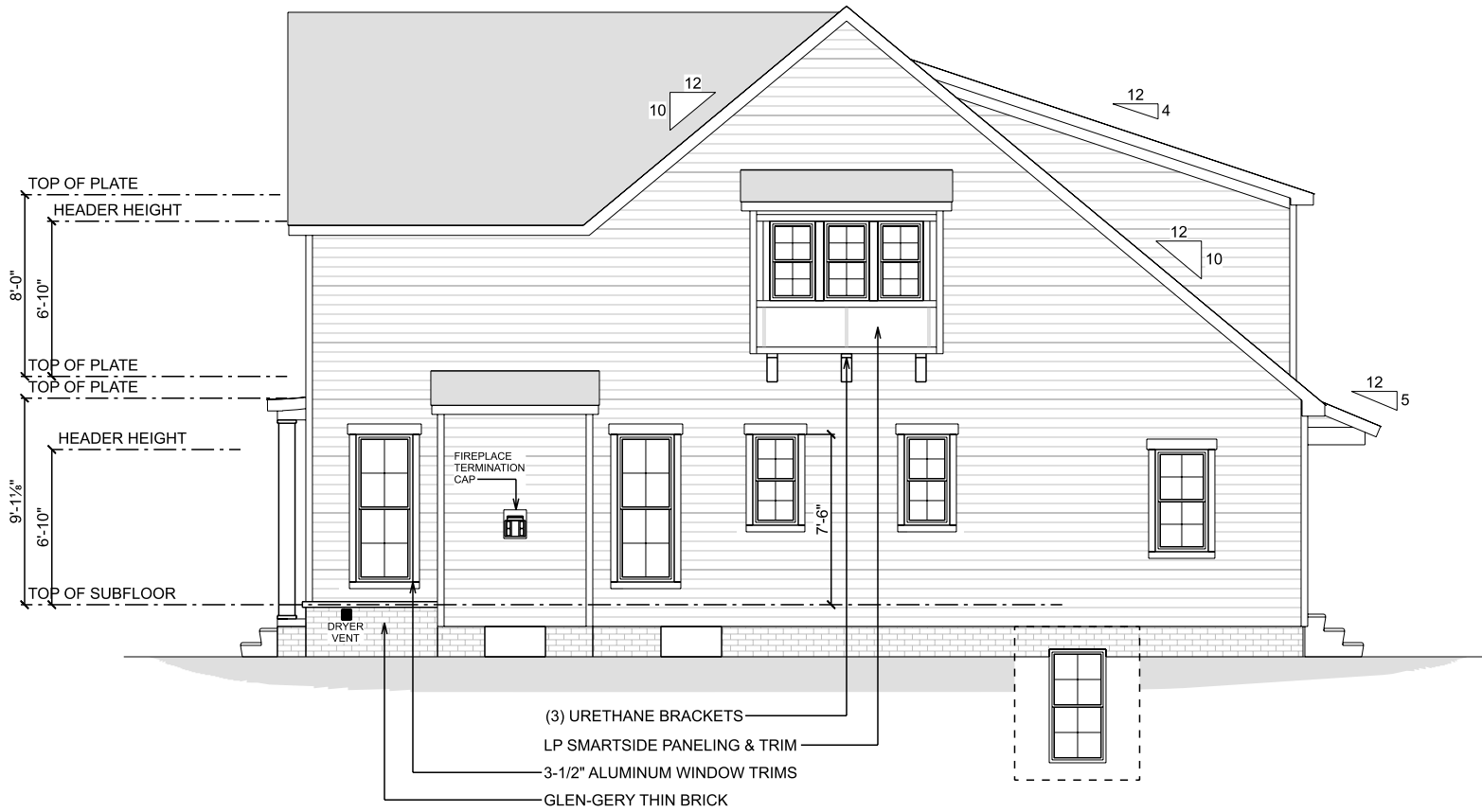
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FRONT & REAR ELEVATIONS



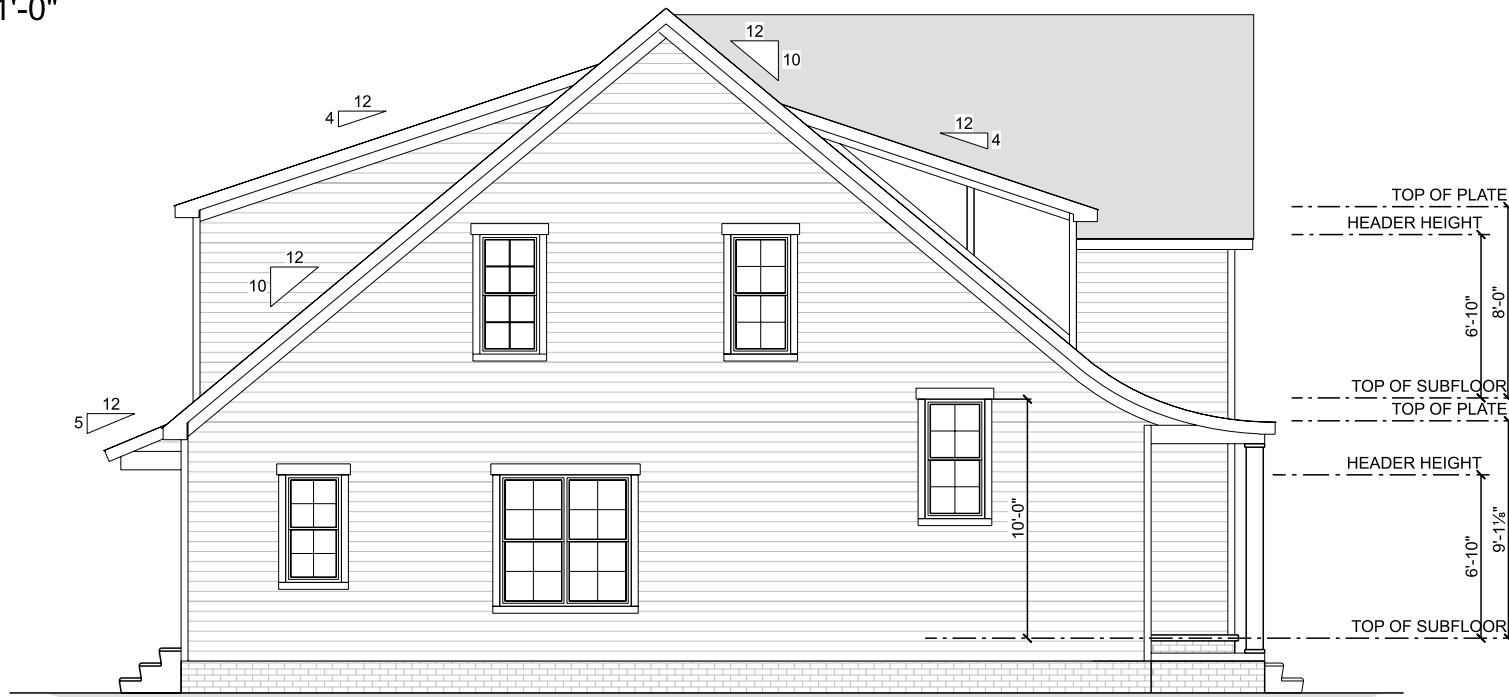
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## RIGHT ELEVATION

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

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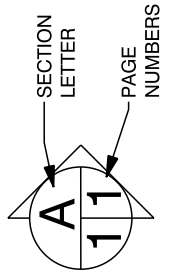
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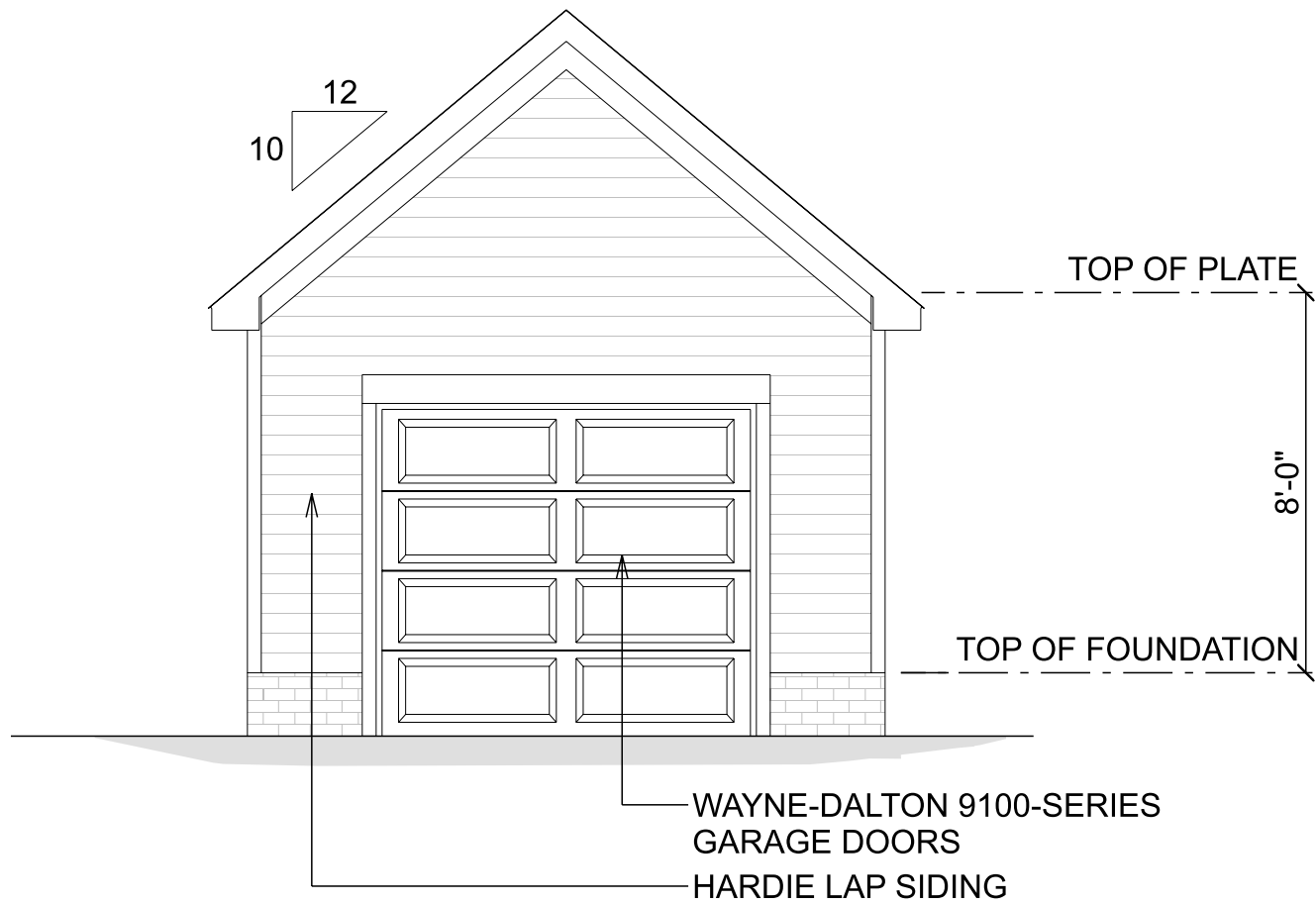
SIDE ELEVATIONS



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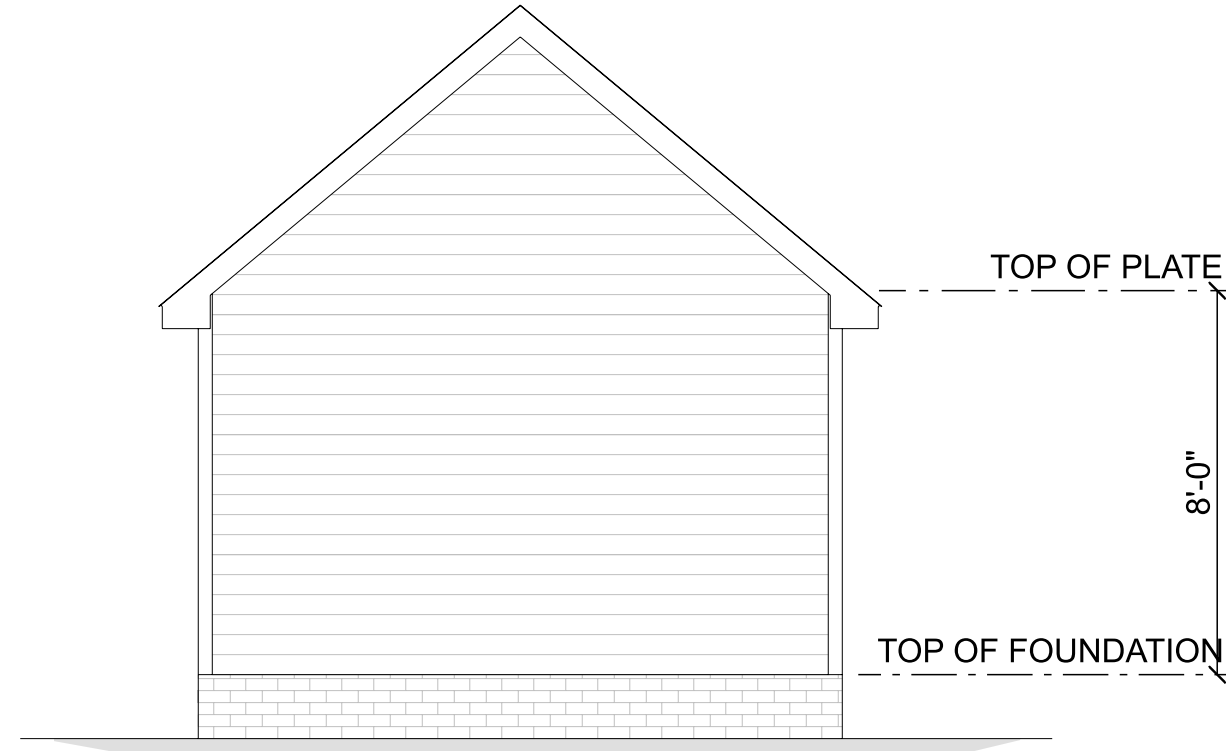
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**FRONT ELEVATION**  
SCALE: 1/4" = 1'-0"

WAYNE-DALTON 9100-SERIES  
GARAGE DOORS  
HARDIE LAP SIDING



**REAR ELEVATION**  
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**LEON RESIDENCE**

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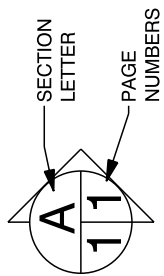
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**9**

GARAGE ELEVATIONS



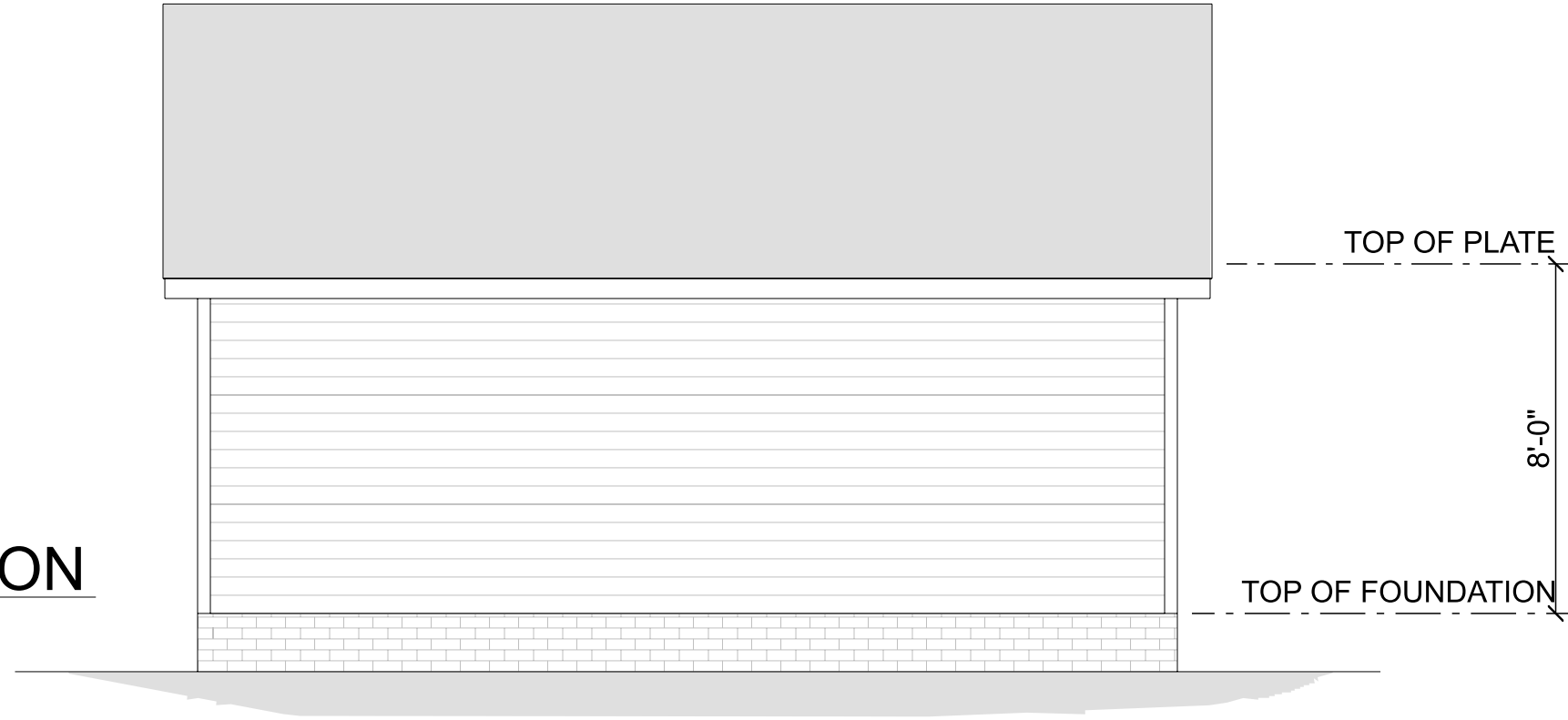
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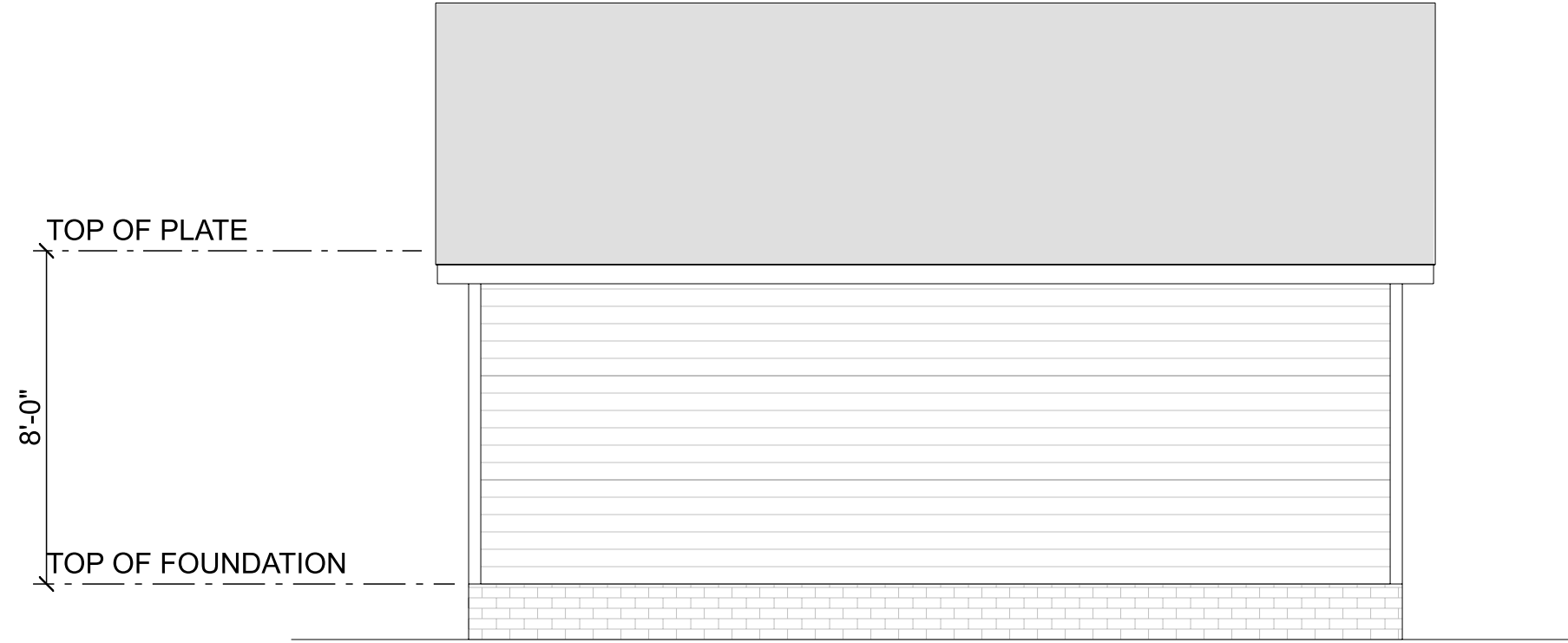
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# LEFT ELEVATION

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



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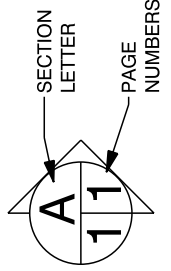
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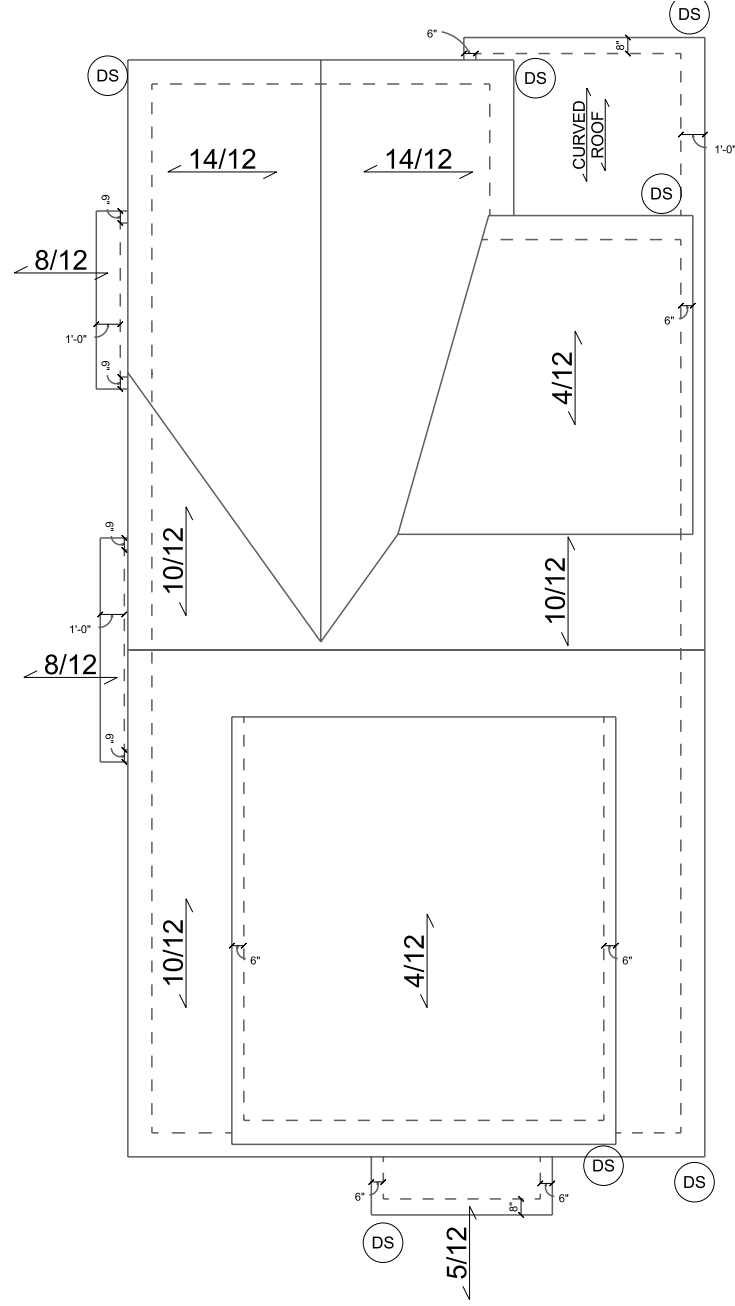
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GARAGE SIDE ELEVATIONS



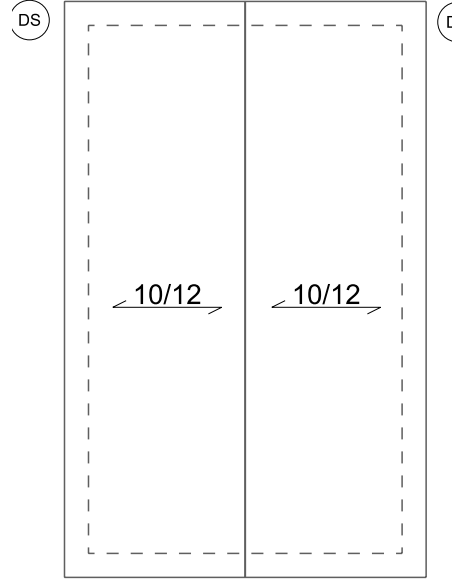
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# ROOF PLAN

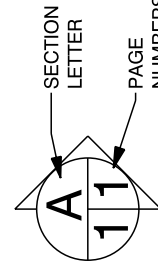
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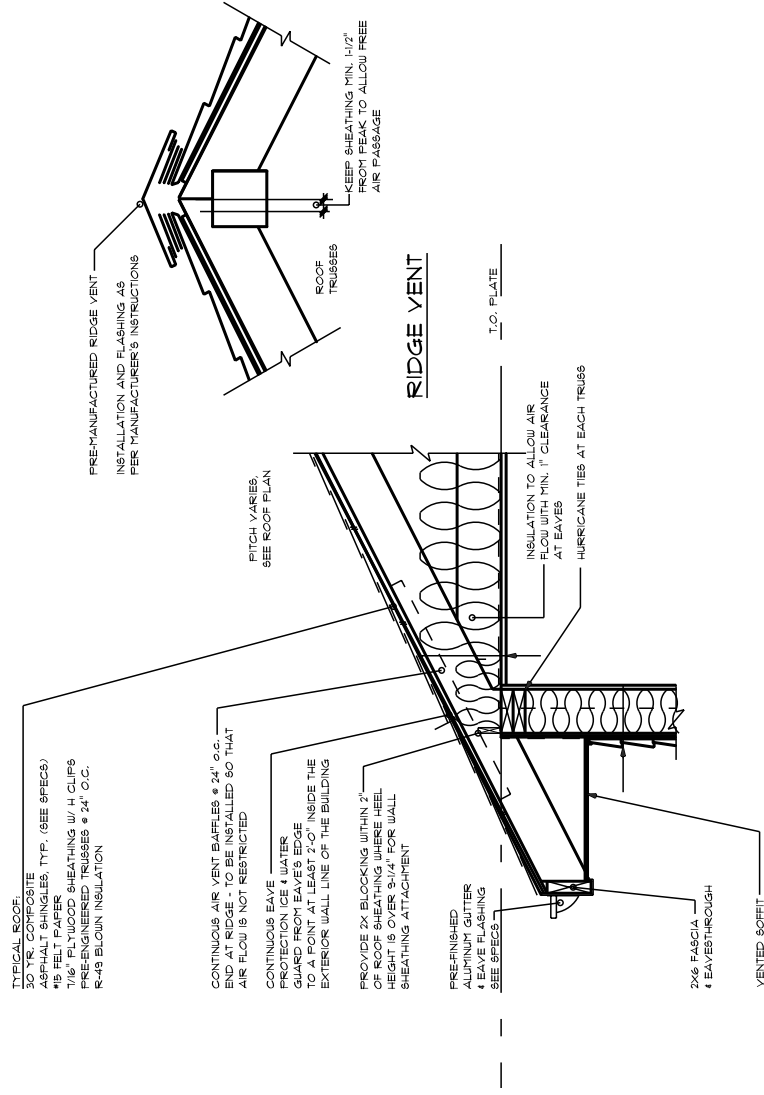
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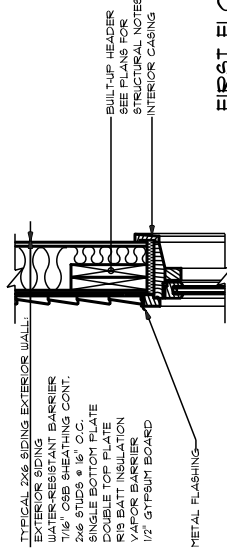
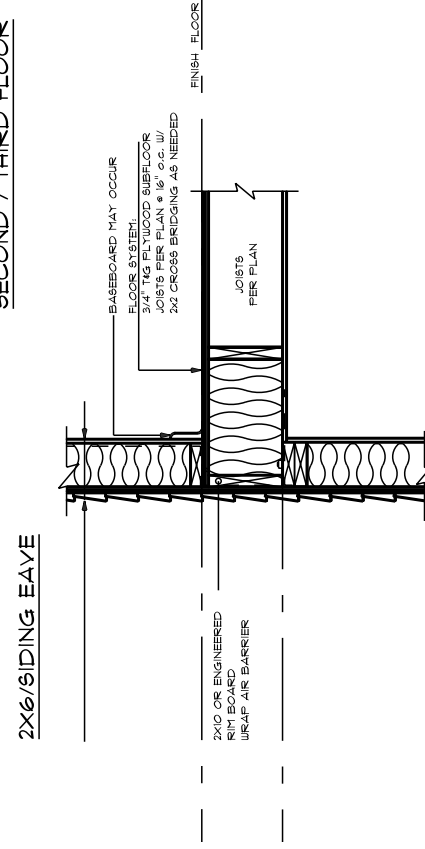
ROOF PLAN

# SECTION - 2X6 WALLS

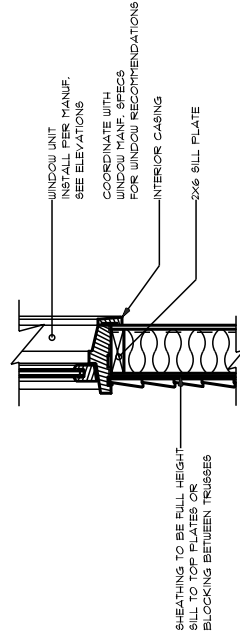
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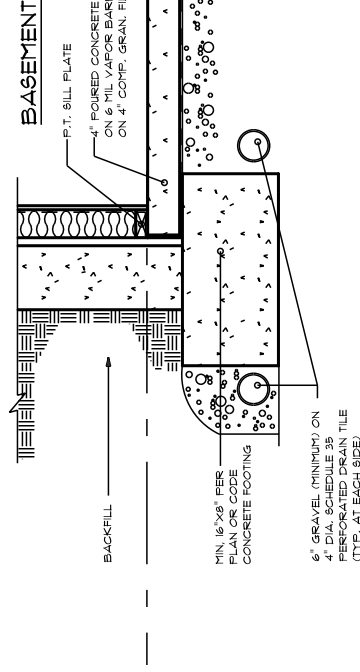
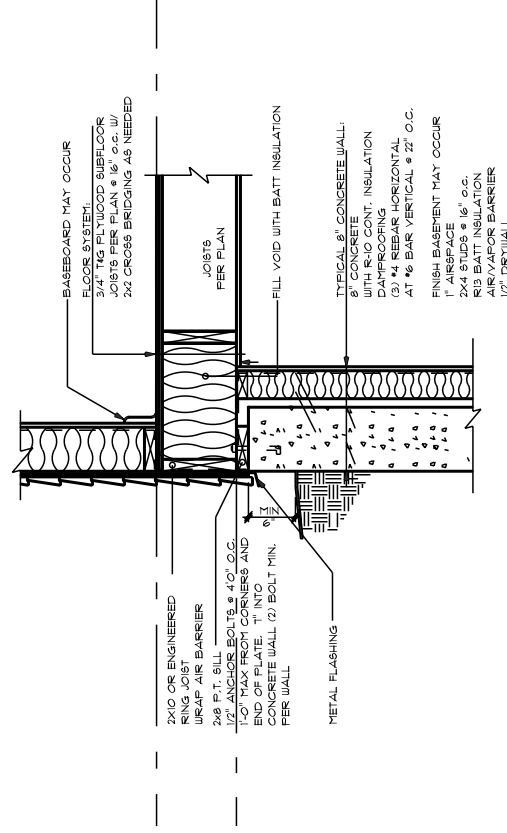
## SECOND / THIRD FLOOR



## FIRST FLOOR



## 2X6/SIDING HEADER & SILL (TYP.)



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# LEON RESIDENCE

1114 FOREST ROAD  
 LAKEWOOD OH 44107

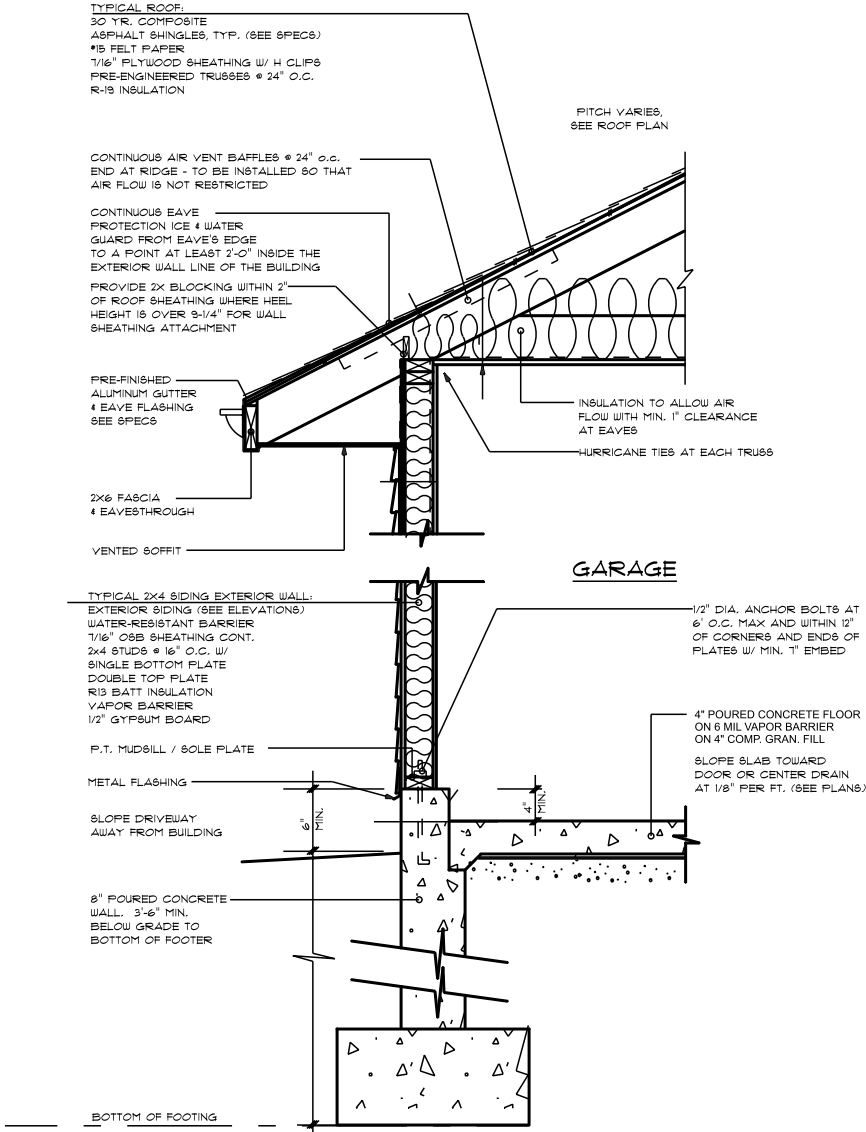


SECTION LETTER  
 PAGE NUMBERS

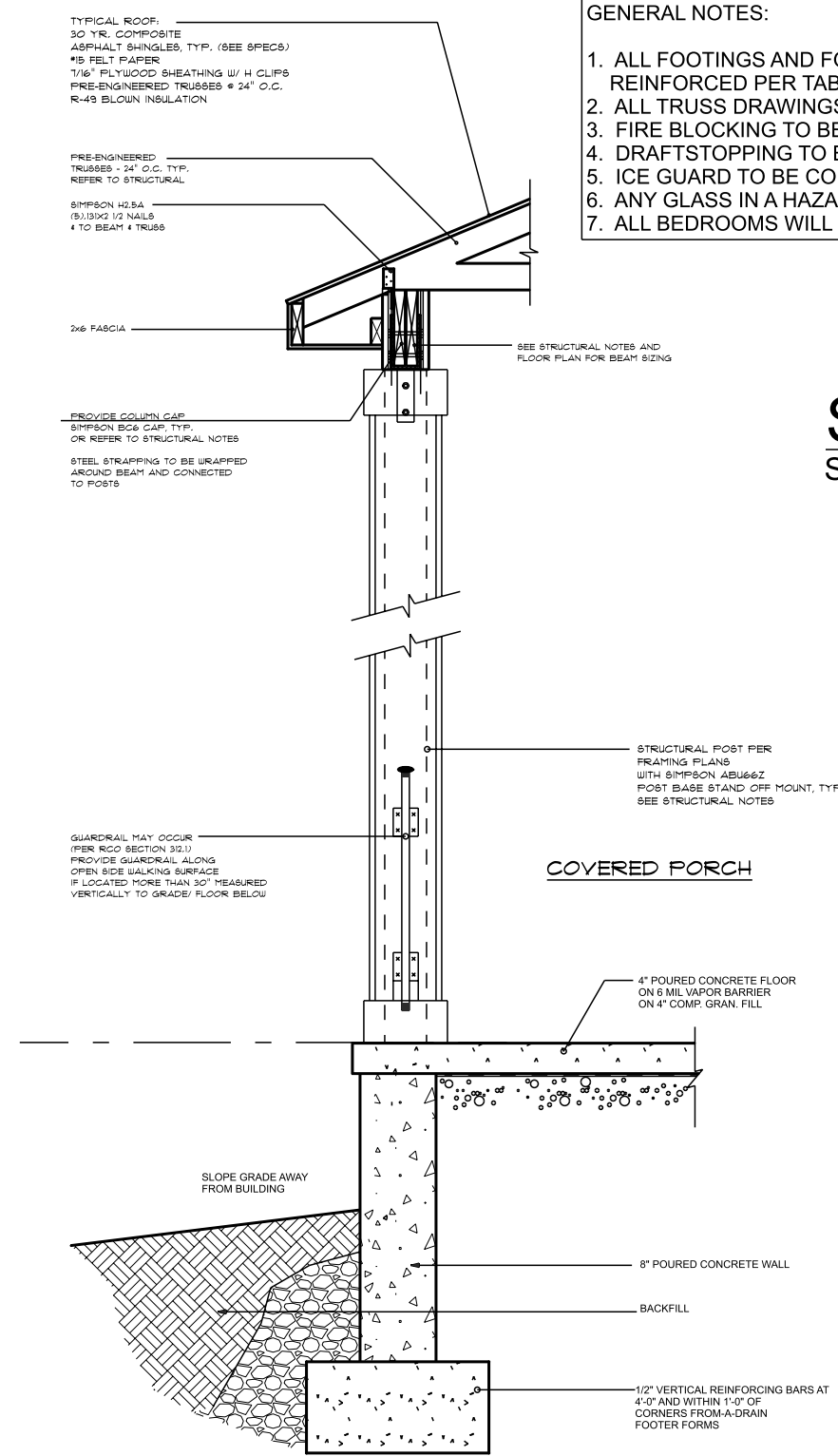
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 SCALE: 1/2" = 1'-0"  
 DATE: 12/10/2025

PAGE:  
 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

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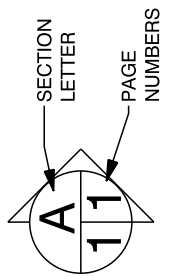
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DATE: 12/10/2025

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**13**

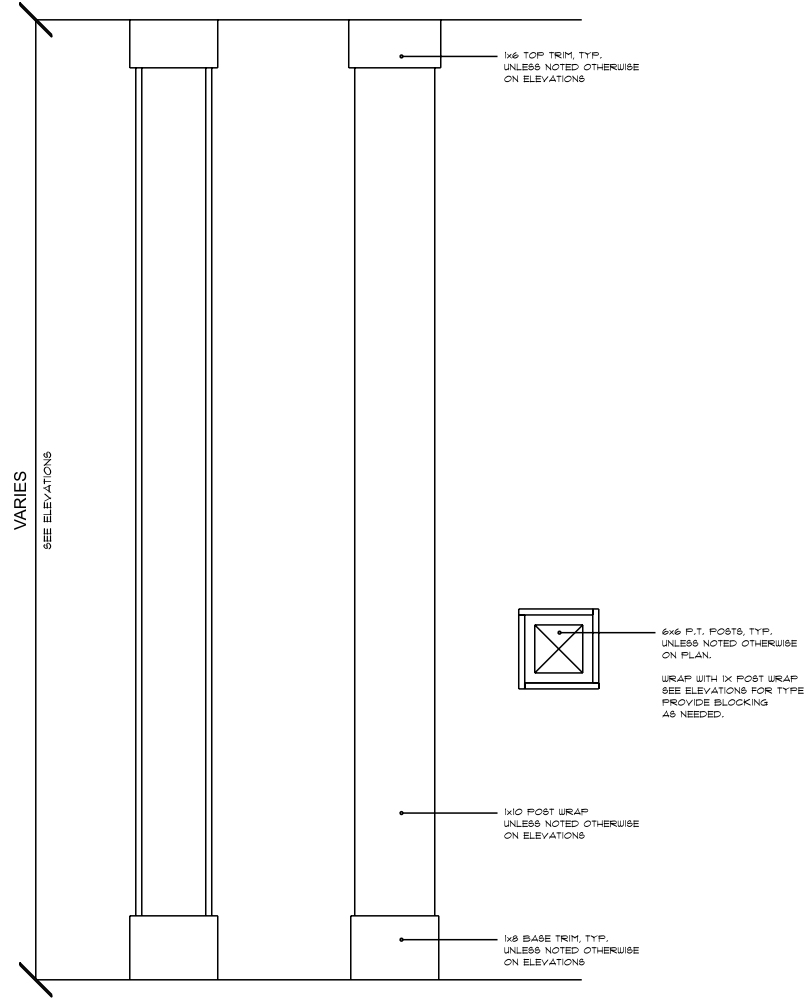
WALL SECTIONS



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# STANDARD PORCH POST DETAIL

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

## LEON RESIDENCE

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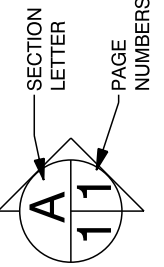
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SCALE: 1/2" = 1'-0"

DATE: 12/10/2025

PAGE: 14

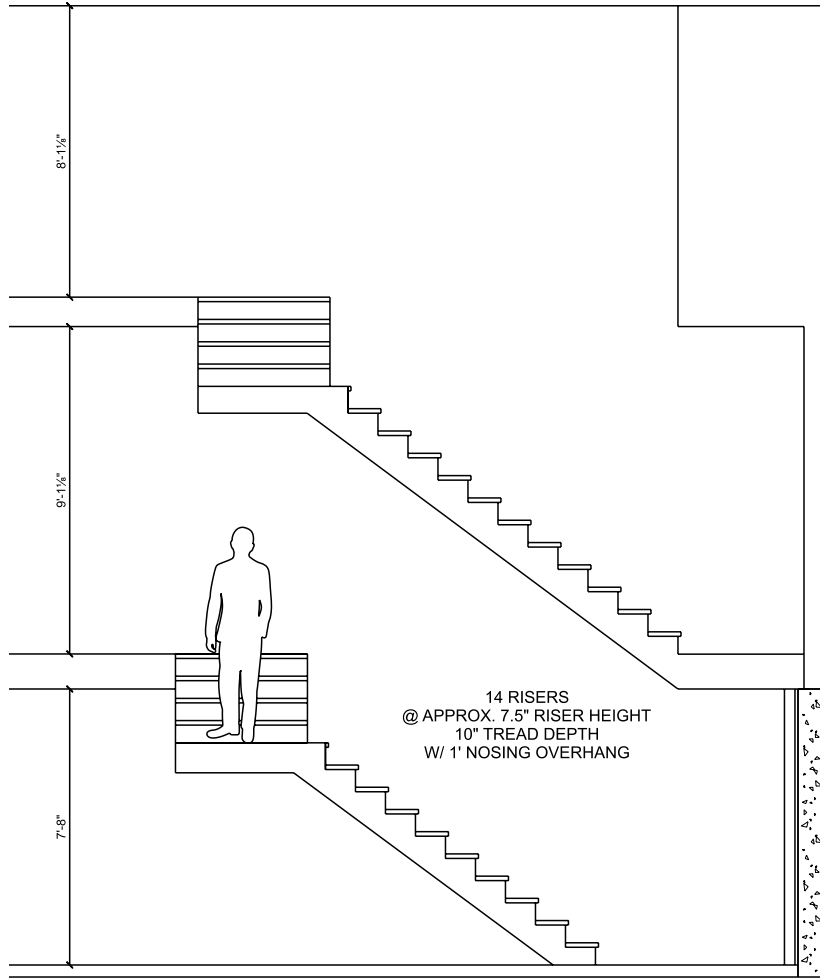
ADDITIONAL SECTIONS



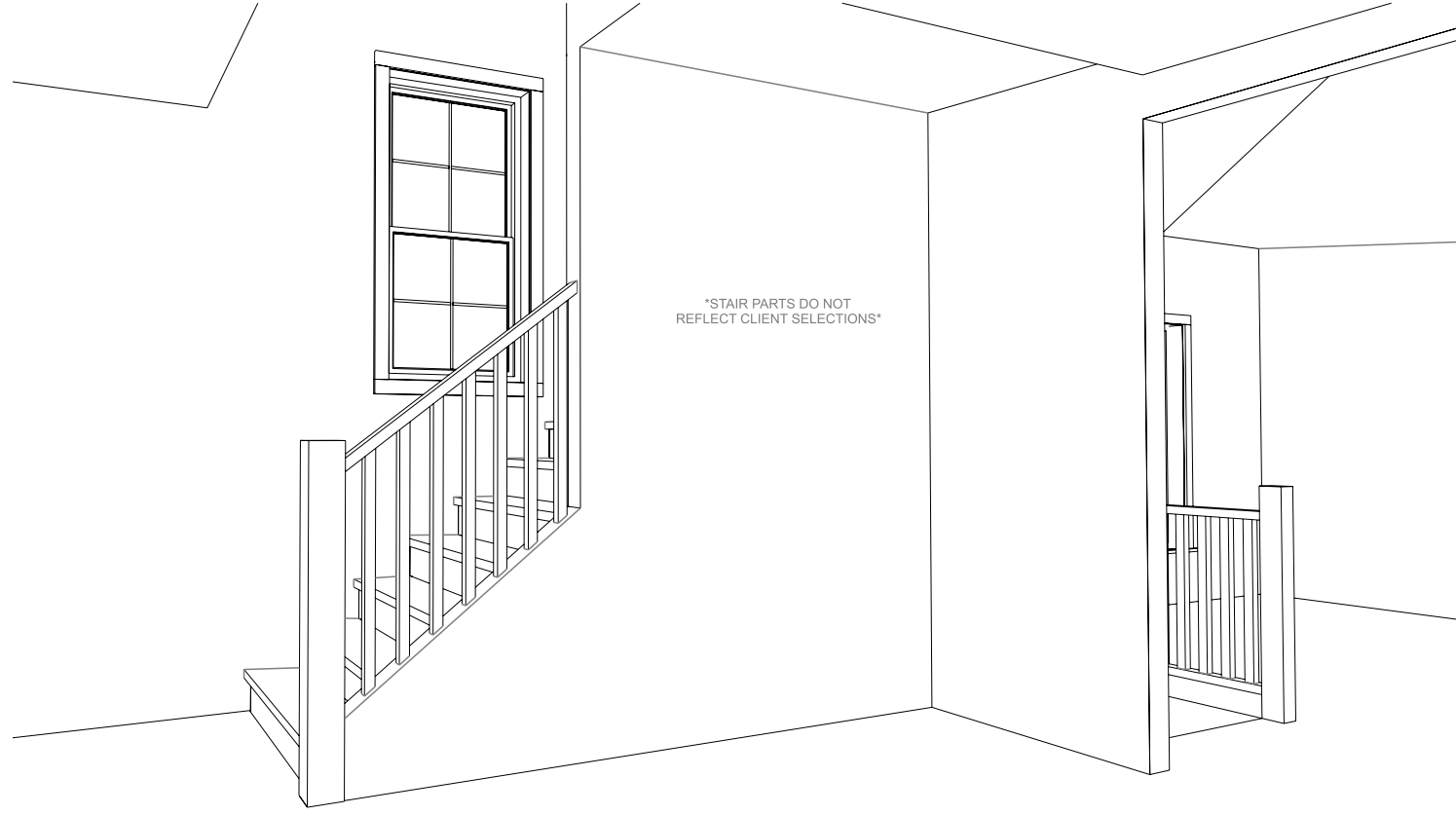
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**STAIR DETAIL**  
SCALE: 3/16" = 1'-0"



**STAIR DETAIL**  
SCALE: NOT TO SCALE



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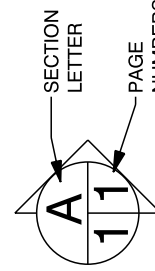
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**LEON RESIDENCE**

1114 FOREST ROAD  
LAKEWOOD OH 44107

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DATE: 12/10/2025

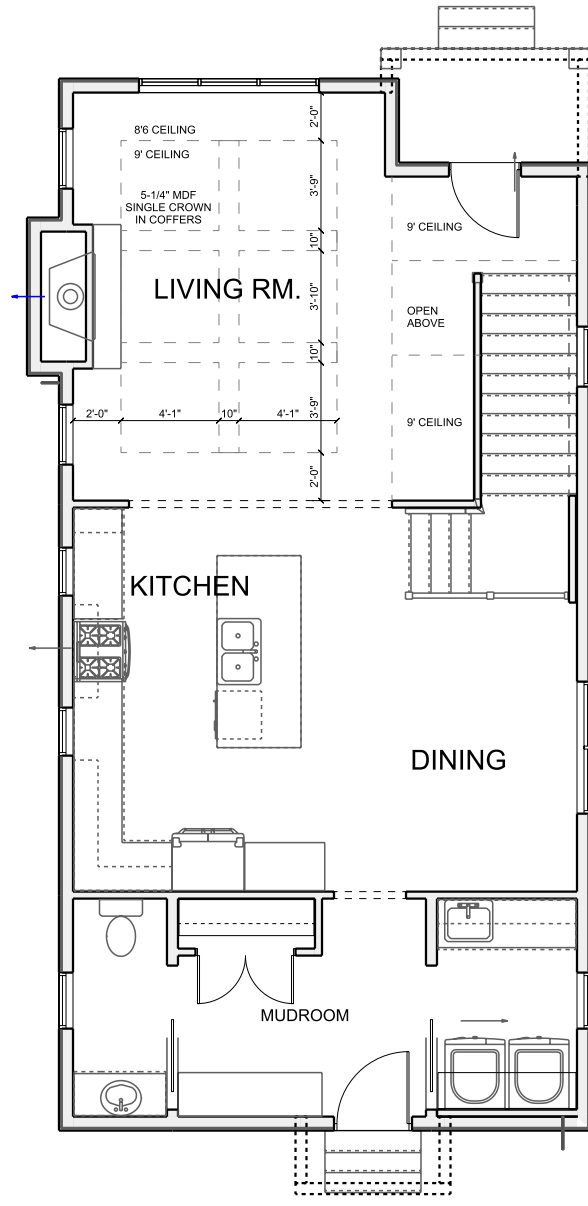
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**15**  
STAIR DETAIL



# CEILING DETAILS - MAIN FLOOR

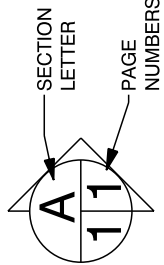
SCALE: 1/8" = 1'-0"

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



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## LEON RESIDENCE

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 LAKEWOOD OH 44107

DRAWN BY:

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

DATE: 12/10/2025

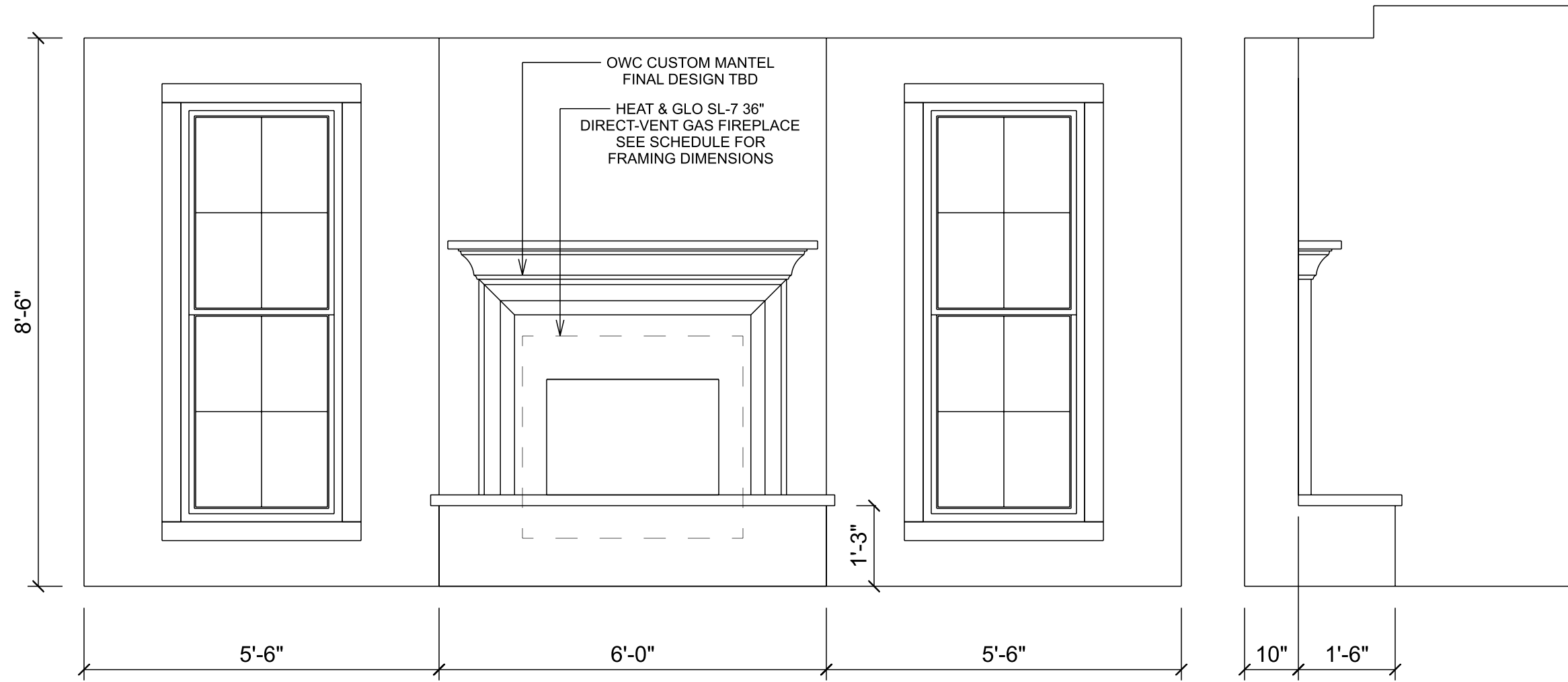
PAGE:

16

CEILING DETAILS

# GREAT ROOM FIREPLACE ELEVATION

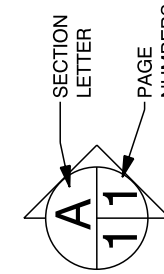
SCALE: 1/2" = 1'-0"



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CUSTOM HOMES

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SECTION  
LETTER

PAGE  
NUMBERS

**LEON RESIDENCE**

1114 FOREST ROAD  
LAKEWOOD OH 44107

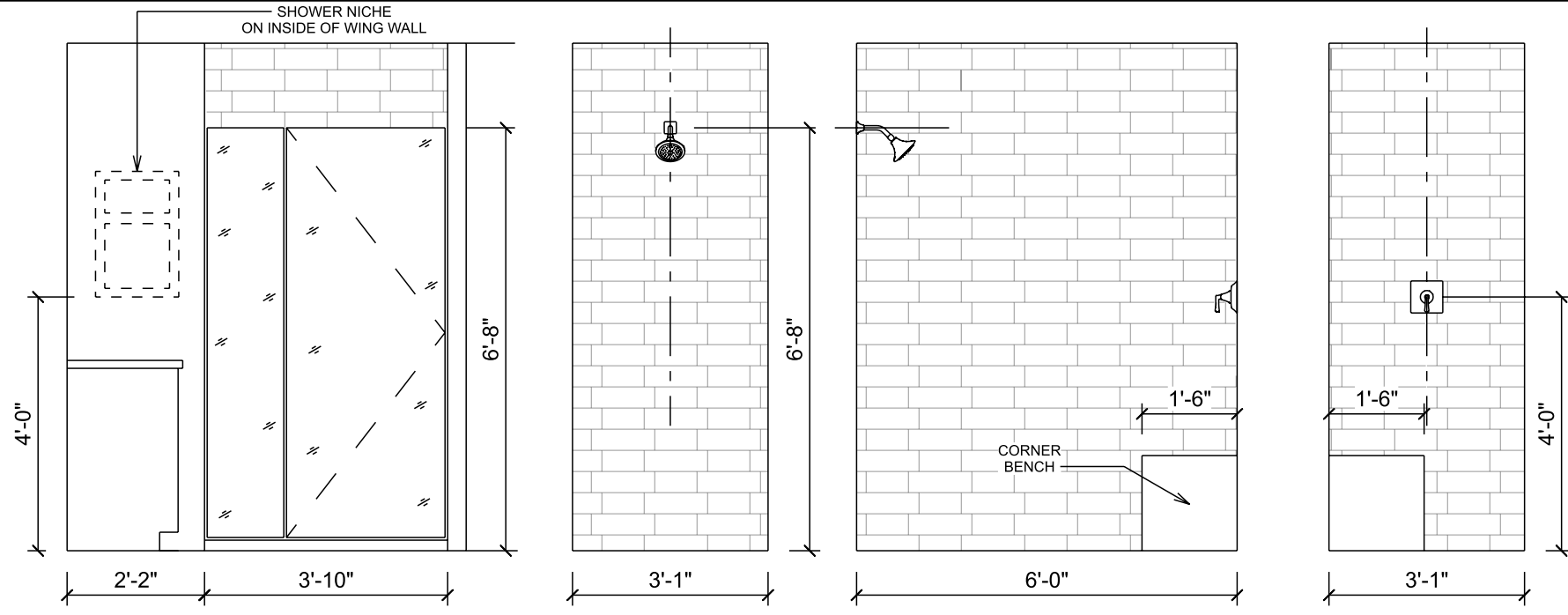
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**17**

DATE: 12/10/2025

GREAT ROOM ELEVATION



# MASTER SHOWER DETAIL

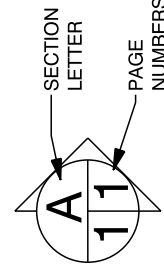
SCALE: 3/8" = 1'-0"



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**LEON RESIDENCE**

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

DATE: 12/10/2025

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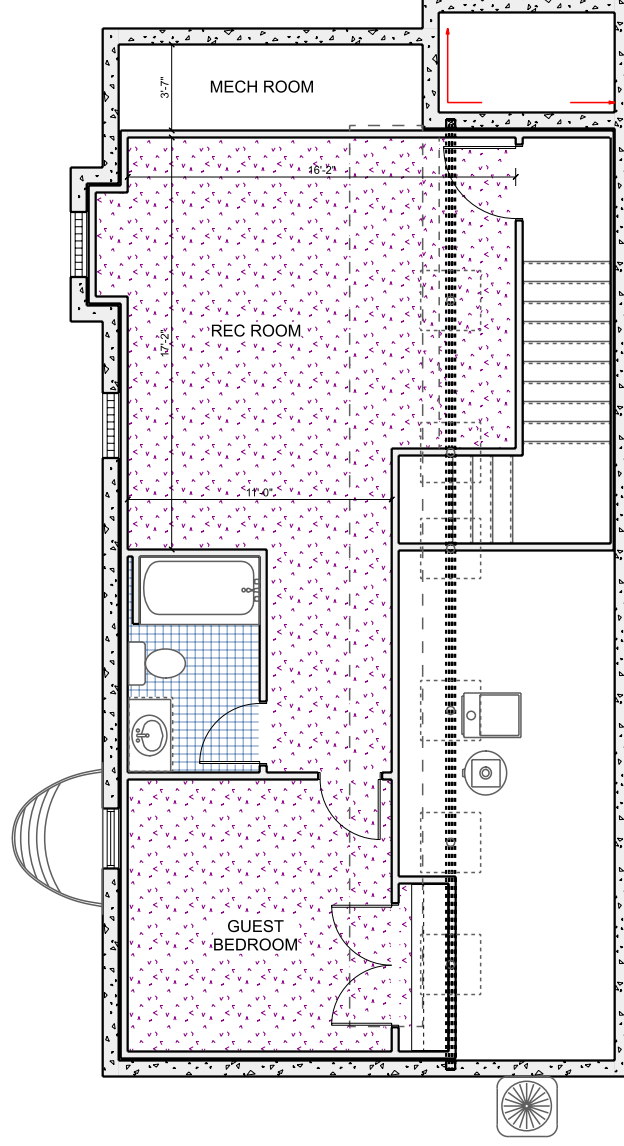
**18**

ADDITIONAL DETAILS

# FLOOR FINISHES - BASEMENT

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

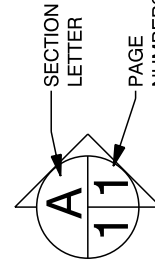
HATCH SHOWING PLACEMENT ONLY	
CONCRETE	
LVP	
LVT	
CARPET	
FULL HEIGHT WALL TILE	



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## LEON RESIDENCE

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DRAWN BY:

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

DATE: 12/10/2025

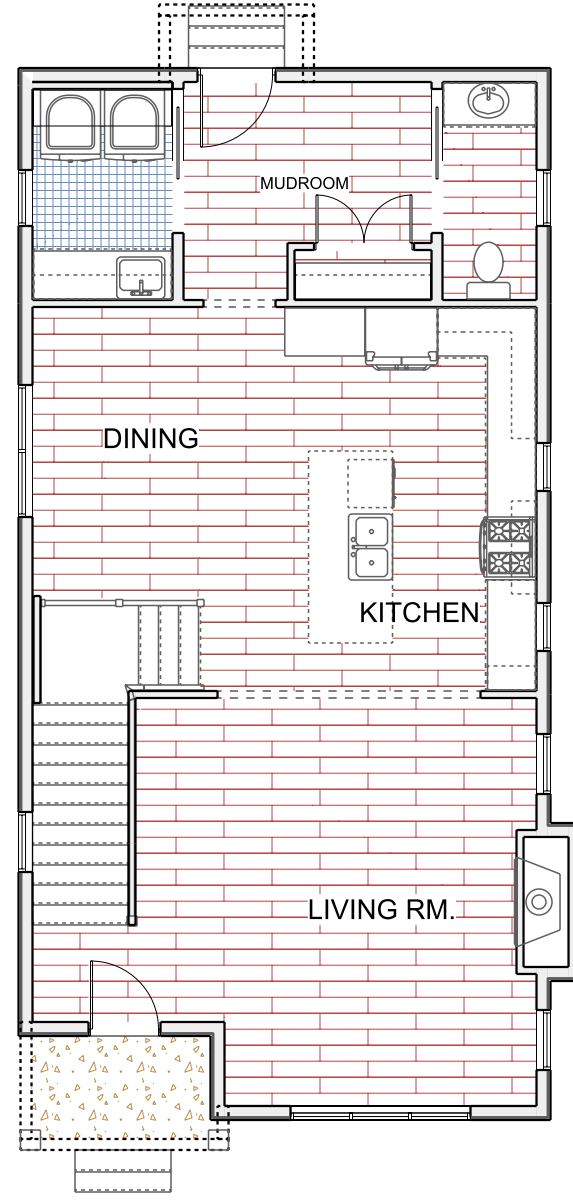
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**19**

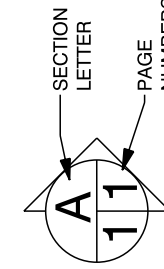
FLOOR FINISHES - BASEMENT

# FLOOR FINISHES - MAIN FLOOR

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



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



## LEON RESIDENCE

1114 FOREST ROAD  
LAKEWOOD OH 44107

DRAWN BY:

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

PAGE: 20

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



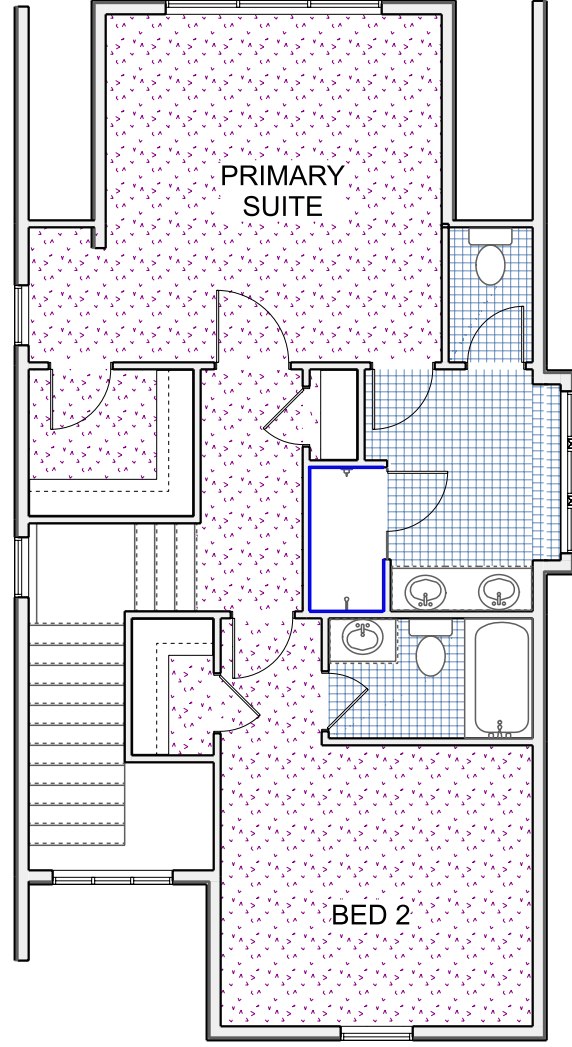
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# FLOOR FINISHES - SECOND FLOOR

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



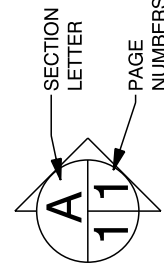
	FULL HEIGHT WALL TILE
	CARPET
	LVT
	LVP
	CONCRETE
HATCH SHOWING PLACEMENT ONLY	



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## LEON RESIDENCE

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LAKEWOOD OH 44107

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:**

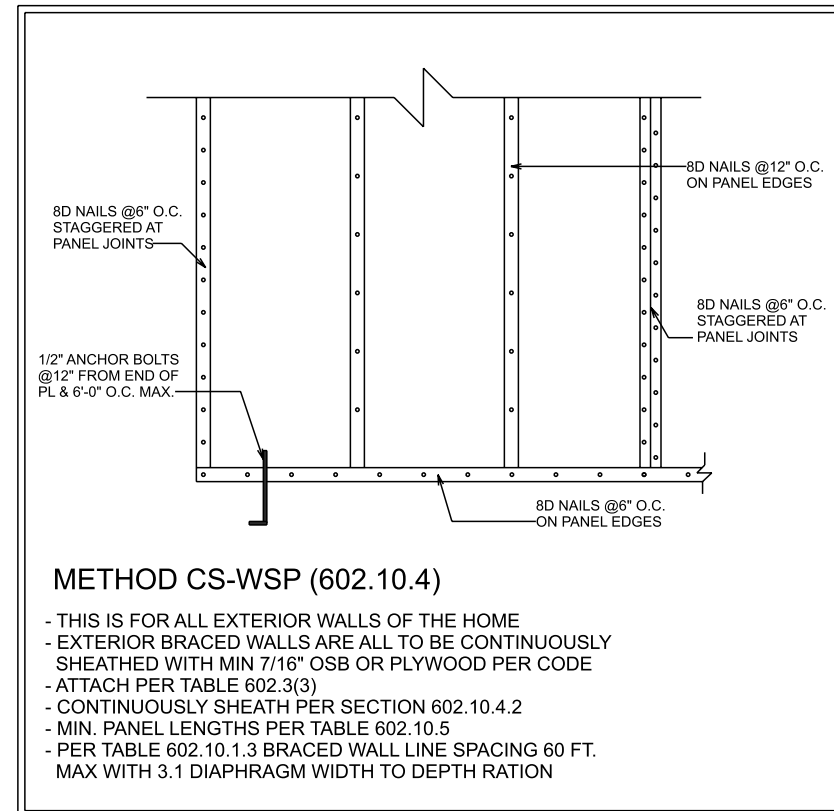
INSULATION SHALL BE INSTALLED AND ALSO COMPLY WITH ALL MINIMUM ORDINANCES SET FORTH BY THE LOCAL GOVERNING BUILDING AND ZONING DEPARTMENTS. REFER TO THE TYPICAL WALL SECTIONS FOR R-VALUES AND LOCATIONS.

**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:**

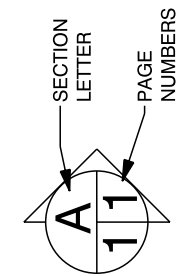
- MIN. STAIR WIDTH EXCLUDING WALL HANDRAIL.....3'-0"
- MINIMUM TREAD DEPTH.....9"
- MAXIMUM RISER HEIGHT.....8-1/4"
- MAXIMUM VARIANCE IN RISER HEIGHT.....3/8"
- MAXIMUM NOSING PROJECTION.....1"
- MINIMUM HEADROOM HEIGHT AT STAIR ANGLE.....6'-8"
- MINIMUM/MAXIMUM HANDRAIL HEIGHT.....34" / 38"
- MAXIMUM 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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CUSTOM HOMES

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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

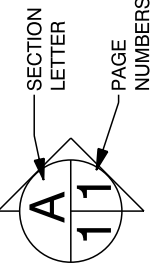
**LEON RESIDENCE**

1114 FOREST ROAD  
LAKESWOOD OH 44107

DRAWN BY:

SCALE: As Noted

DATE: 12/10/2025



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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

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Application Cover Page

Docket No.: 12-108-25

Permit No.: BBS25-000117

Applicant Name: Lily Richards

Project Address: 13318 Madison Ave.

Project Name: CLE GLO CO

Project: Applicant proposes vinyl window signage.

Handwritten signature in blue ink, appearing to read "John Doe".

CLE GLO

VEGAN  
SPRAYTANS +  
LASHES

18

hello



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

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planning@lakewoodoh.gov

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Application Cover Page

Docket No.: 01-01-26

Permit No.: BBS25-000128

Applicant Name: Redmond Doyle

Project Address: 13523 Detroit Ave.

Project Name: Little Buckeye Learning Center

Project: Applicant proposes new exterior signs.

Robert Doyle



ROAD WORK AHEAD

15 MINUTE PICKUP DROP OFF ZONE  
←

DO NOT BLOCK DRIVEWAY

# FRONT ELEVATION SIGN A

ADDRESS:  
13523 DETROIT AVE  
LAKEWOOD, OHIO, 44107

**NEW LENSES ONLY**

(SIGN A @ W:72.25" X H:47.75")

SIGN IS DOUBLE SIDED W/ 2 LENSES

BUILDING FRONTAGE: 50FT



**SIGN A** SQFT OF SIGN (FOR ONE SIDE ONLY): 23.96



Description: Sign A is double sided with two separate polycarbonate lenses. The lenses are 3/16" thick, and will have custom printed graphics. Only the lenses are new for this sign. The monument sign is pre existing and the lenses will be inserted into the existing frame. The current sign has a setback of roughly 12FT from the edge of the existing sign edge to the edge of the sidewalk, and roughly 35FT to the middle of the road.

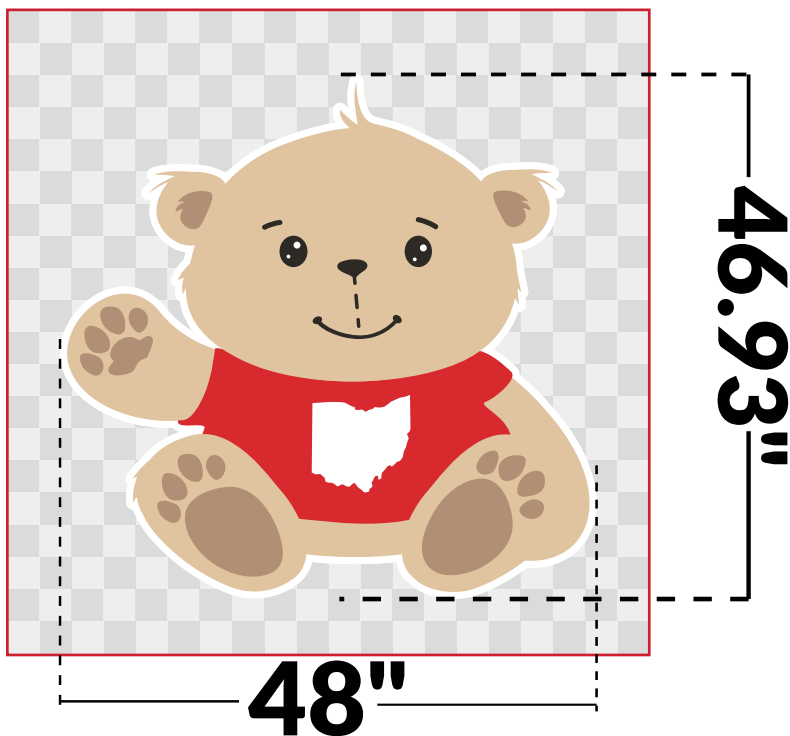
# FRONT ELEVATION SIGN B

ADDRESS:  
13523 DETROIT AVE  
LAKEWOOD, OHIO, 44107

**SQFT OF SIGN: 15.64**  
**BUILDING FRONTAGE: 50FT**

(SIGN B @ W:48" X H:46.93")

**SIGN B**



Description: Sign B is to be made of 3Mm Aluminum Composite Material with custom printed graphics on the face. This sign is also cut to the contour edges of the bear mascot for a custom routed shape. This sign will be mounted to the outside brick of the building facing the street, and has a setback from the sidewalk of roughly 81FT from the brick of the building to the edge of sidewalk that is touching the street.

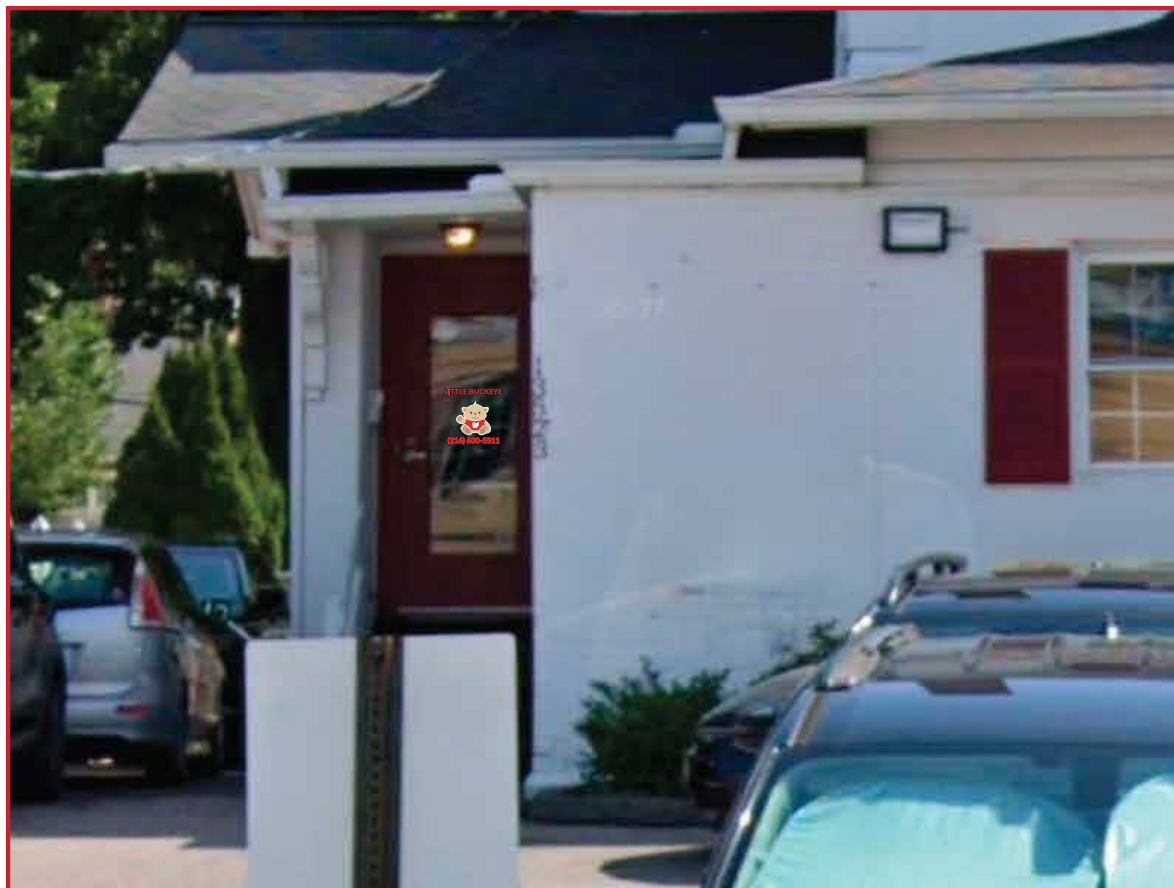
# FRONT ELEVATION SIGN C

ADDRESS:  
13523 DETROIT AVE  
LAKEWOOD, OHIO, 44107

**SQFT OF SIGN: 2.67**  
**BUILDING FRONTAGE: 50FT**

(SIGN C @ W:20" X H:19.24")

**SIGN C**



Description: Sign C is custom printed graphics (vinyl only) and contour cut to leave out any background. This sign will be used for door graphics on the front door of the building that is facing the street. The sign will be directly applied to the glass of the door, and has a setback of roughly 88FT to the edge of the sidewalk (edge touching the road).

# SPECIFICATIONS | MOUNTING

**ADDRESS:**  
13523 DETROIT AVE  
LAKEWOOD, OHIO, 44107

## SIGN A

### NEW LENSES ONLY

- OVERALL SIZE OF SIGN:
  - W:72.25" X H:47.75" - 23.96 SQFT
- QTY OF 2 LENSES FOR A DOUBLE SIDED SIGN
  - MADE OF 3/16" POLYCARBONATE & CUSTOM VINYL GRAPHICS
  - LENSES TO FIT INTO EXISTING SIGN STRUCTURE (SLIDE IN)
  - SETBACK FROM ROAD IS 12FT
  - SETBACK TO MIDDLE OF ROAD IS 35FT

## SIGN B

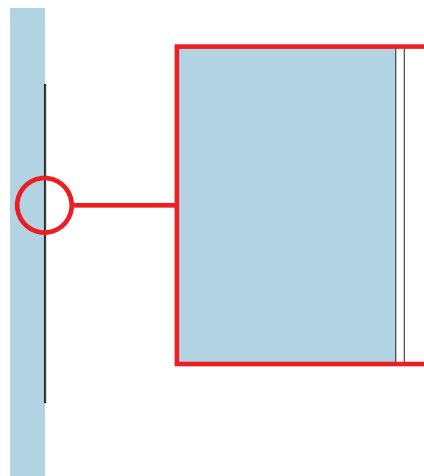
- OVERALL SIZE OF SIGN:
  - W:48" X H:46.93" - 15.64 SQFT
- QTY 1 CUSTOM ROUTED ACM SIGN W/ CUSTOM PRINTED GRAPHICS
  - SIGN TO BE MOUNTED TO EXTERIOR BRICK OF BUILDING
  - MOUNTING TO BE USED: TAPCONS
  - SETBACK TO ROAD IS 81FT

## SIGN C

- OVERALL SIZE OF SIGN:
  - W:20" X H:19.24" - 2.67 SQFT
- CUSTOM PRINTED GRAPHICS CONTOUR CUT TO SHAPES
  - ADHERED DIRECTLY TO THE GLASS OF THE DOOR
  - SETBACK TO ROAD IS 88FT



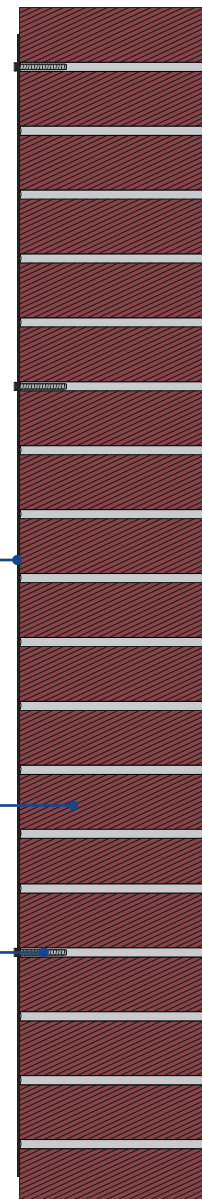
## SIDE VIEW OF SIGN C



3MM ACM SIGN (SIGN B)

EXTERIOR BRICK OF BUILDING

MOUNTING - TAPCONS



---

**Owner Authoirzation for Property Access 13523 Detroit ave**

3 messages

---

**FASTSIGNS 141** <fastsigns.141@fastsigns.com>  
To: Derrick Derringer <d2exp@yahoo.com>  
Cc: Gretchen Baker <gretchengbaker@hotmail.com>

Fri, Nov 21, 2025 at 10:22 AM

Thank you, Derrick, much appreciated.

**Kay Doyle | Owner****FASTSIGNS** • 24181 Lorain Road • North Olmsted, OhioPh: 440-979-0025 • Fax 440-979-0325 • Email: [141@fastsigns.com](mailto:141@fastsigns.com)**Send A File HOURS: Mon - Fri 8:30am-5:00pm*****Make Your Statement with custom signs and visual solutions.***[ADA Now Made In-House](#)

[Quoted text hidden]

---

**Derrick Derringer** <d2exp@yahoo.com>  
To: Gretchen Baker <gretchengbaker@hotmail.com>, FASTSIGNS 141 <fastsigns.141@fastsigns.com>

Fri, Nov 21, 2025 at 9:29 AM

I grant access to The City of Lakewood, if needed. We do not have any dogs on the property.

Thanks,

Derrick Derringer

Owner

LBLC, LLC

Little Buckeye Learning Center-Lakewood

615-406-8995

[Quoted text hidden]

---

**FASTSIGNS 141** <fastsigns.141@fastsigns.com>  
To: Gretchen Baker <gretchengbaker@hotmail.com>, Derrick Derringer <d2exp@yahoo.com>

Fri, Nov 21, 2025 at 9:25 AM

Good morning. The City of Lakewood requires a written ( email is fine) granting access to the property, if needed.

Also, are there any dogs on the property?

This is for exterior viewing only.

Would you please send that and I can add it to the application to the Architectural Review Board and submit it for their planning meeting.

Thank you very much,

**Kay Doyle | Owner**



**City of Lakewood: Architectural Review Board**

**13523 Detroit Ave Lakewood OH 44107**

**Little Buckeye Learning Center Exterior Sign Package**

FASTSIGNS of North Olmsted has been requested to fabricate and install 3 exterior signs for the Little Buckeye Learning Center.

The signs proposed are:

New polycarbonate lenses for the existing monument sign near the street

One routed-to-shape flat panel wall sign with custom graphics, installed to the front of the building. The sign is approximately 16SF in size

One custom printed cut vinyl logo and lettering for the glass front door

The signs identify 'Little Buckeye Learning Center'.

There do not appear to be any zoning issues with the size or location of the signs.

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

Thank you very much,

Kay Doyle, Owner

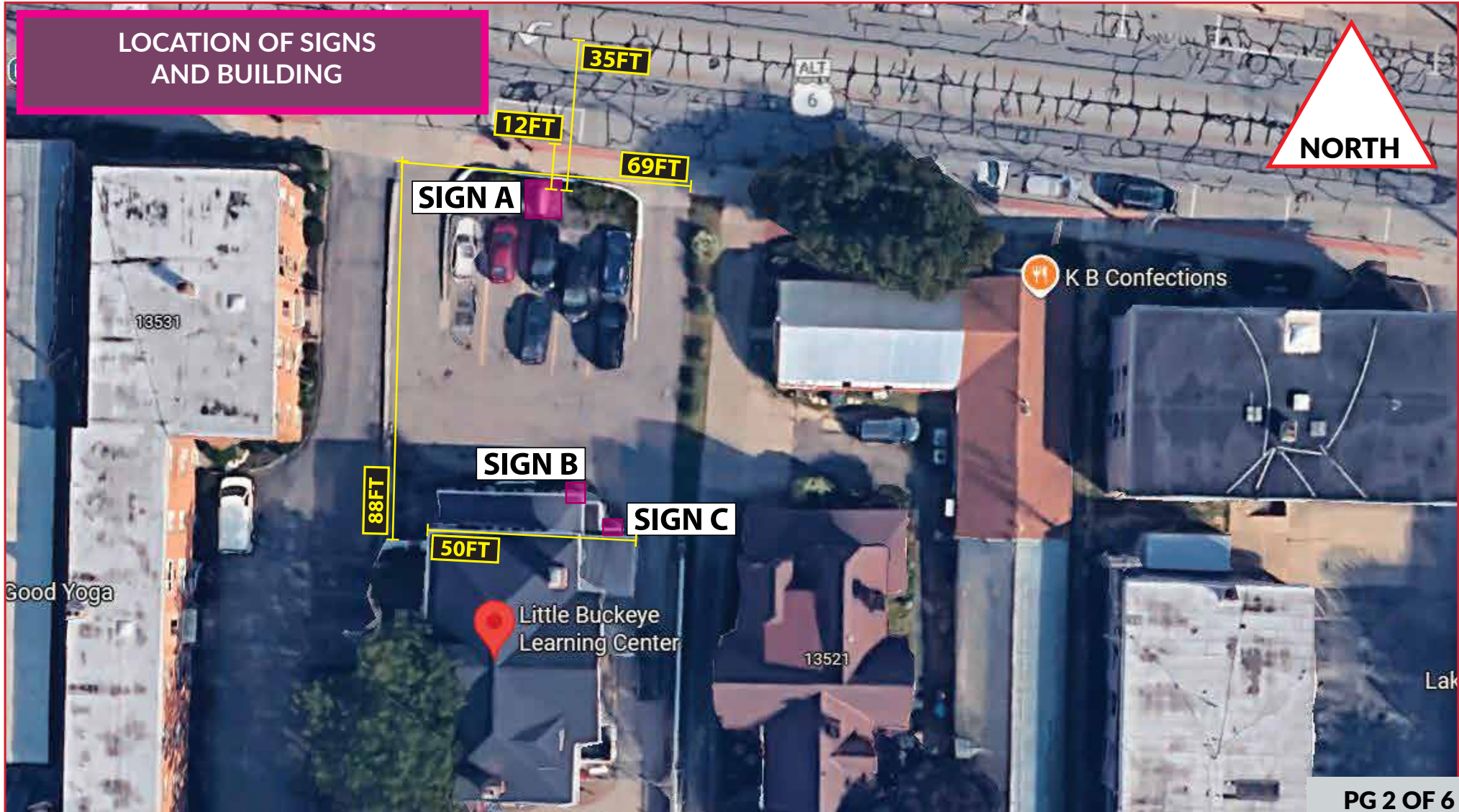
FASTSIGNS of North Olmsted

24181 Lorain Rd North Olmsted OH 44070

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

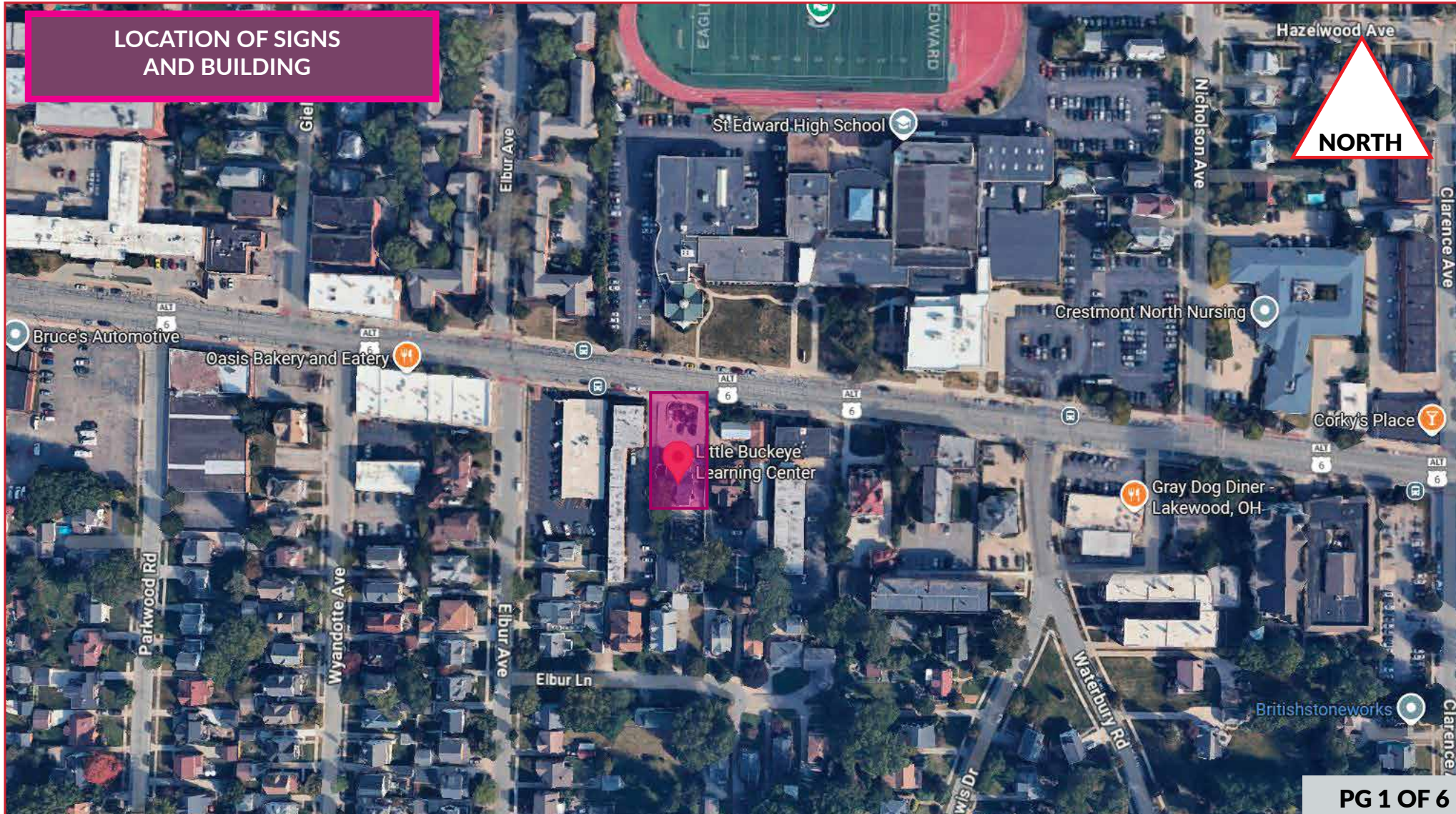
# SITE PLAN (ZOOMED IN)

ADDRESS:  
13523 DETROIT AVE  
LAKEWOOD, OHIO, 44107



# SITE PLAN

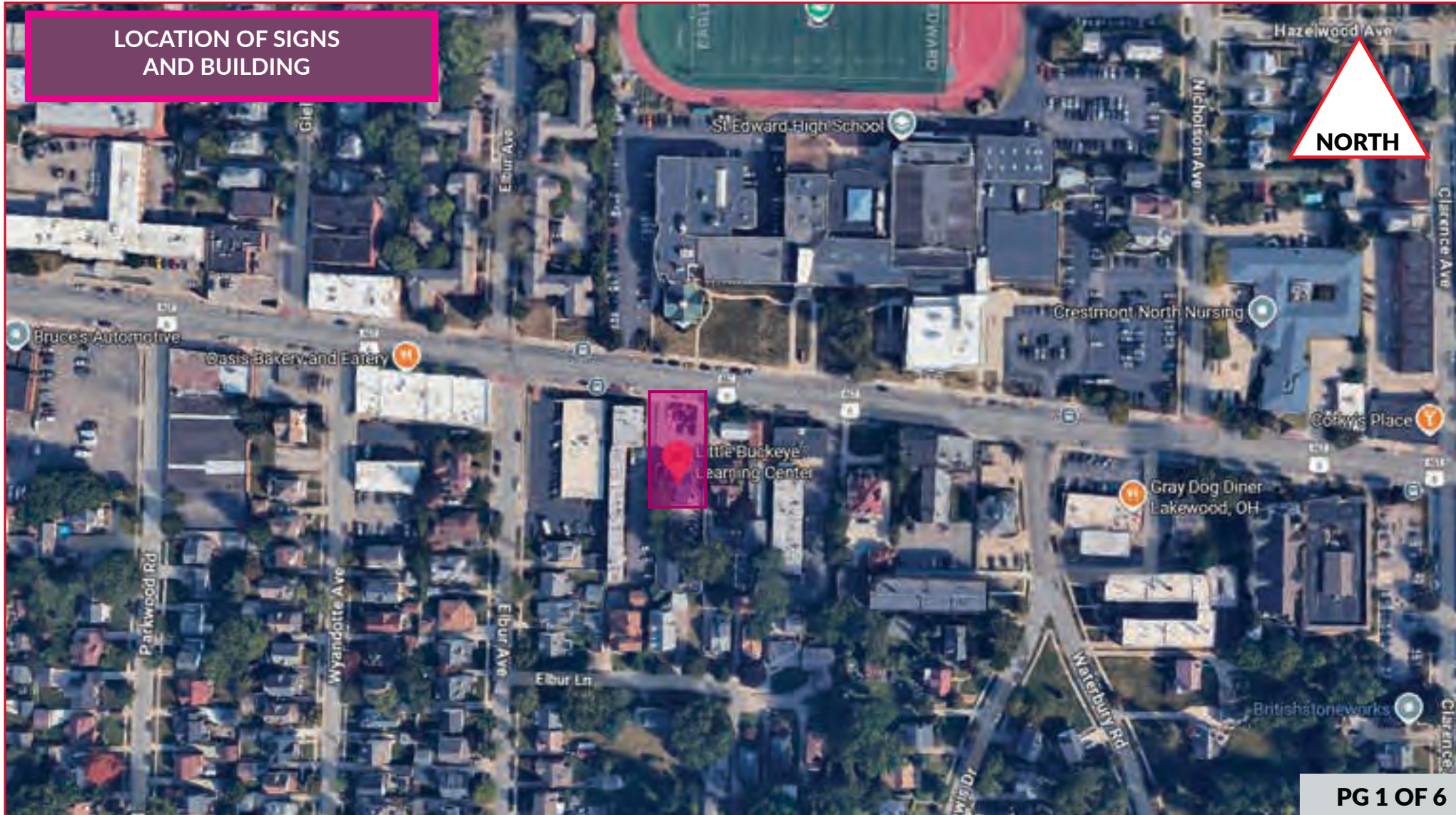
**ADDRESS:**  
**13523 DETROIT AVE**  
**LAKWOOD, OHIO, 44107**



# SITE PLAN

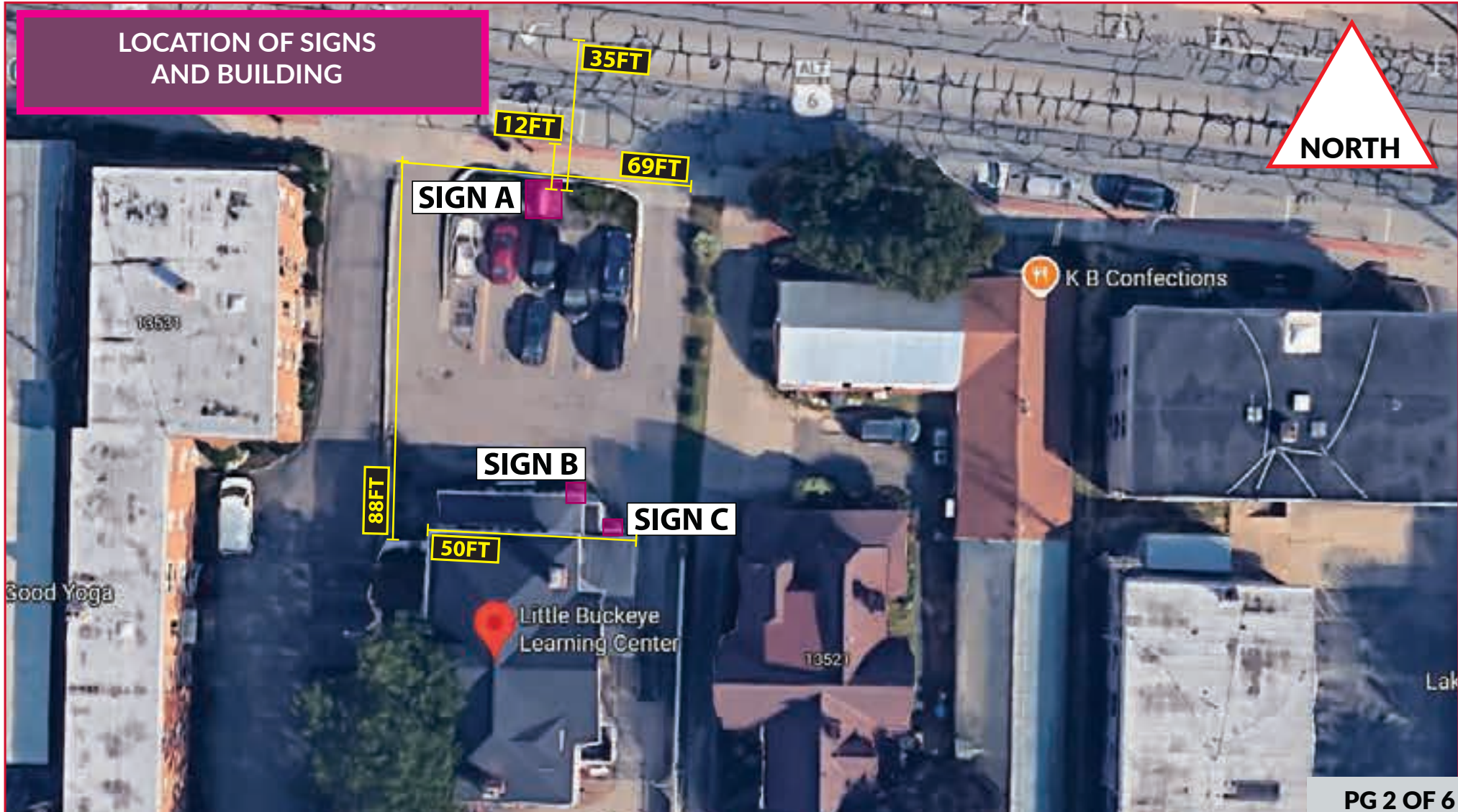
**ADDRESS:**  
**13523 DETROIT AVE**  
**LAKWOOD, OHIO, 44107**

LOCATION OF SIGNS  
AND BUILDING



# SITE PLAN (ZOOMED IN)

ADDRESS:  
13523 DETROIT AVE  
LAKEWOOD, OHIO, 44107



# FRONT ELEVATION SIGN A

ADDRESS:  
13523 DETROIT AVE  
LAKEWOOD, OHIO, 44107

**NEW LENSES ONLY**

(SIGN A @ W:72.25" X H:47.75")

SIGN IS DOUBLE SIDED W/ 2 LENSES

BUILDING FRONTAGE: 50FT



**SIGN A** SQFT OF SIGN (FOR ONE SIDE ONLY): 23.96



Description: Sign A is double sided with two separate polycarbonate lenses. The lenses are 3/16" thick, and will have custom printed graphics. Only the lenses are new for this sign. The monument sign is pre existing and the lenses will be inserted into the existing frame. The current sign has a setback of roughly 12FT from the edge of the existing sign edge to the edge of the sidewalk, and roughly 35FT to the middle of the road.

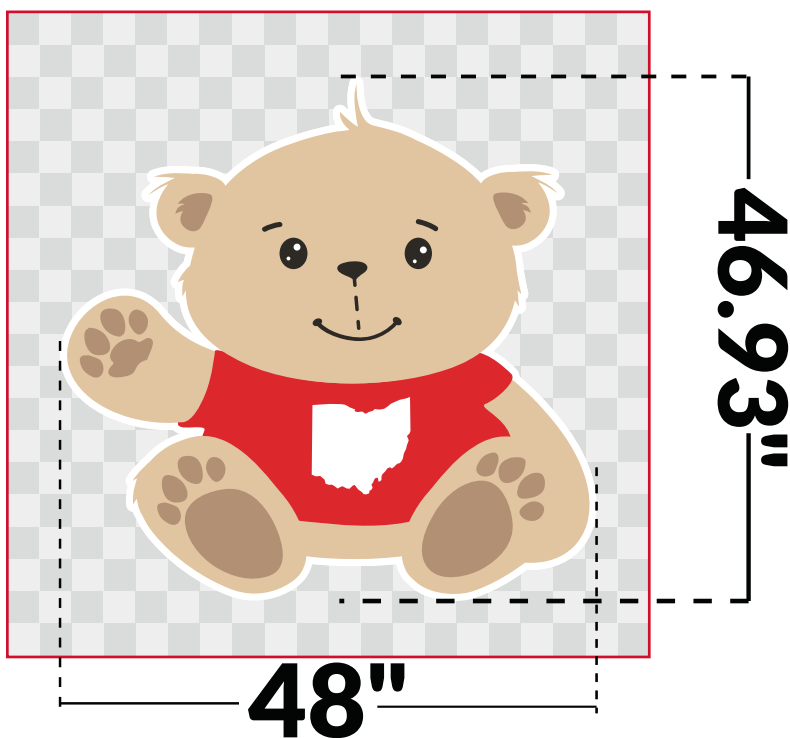
# FRONT ELEVATION SIGN B

ADDRESS:  
13523 DETROIT AVE  
LAKEWOOD, OHIO, 44107

**SQFT OF SIGN: 15.64**  
**BUILDING FRONTAGE: 50FT**

(SIGN B @ W:48" X H:46.93")

**SIGN B**



Description: Sign B is to be made of 3Mm Aluminum Composite Material with custom printed graphics on the face. This sign is also cut to the contour edges of the bear mascot for a custom routed shape. This sign will be mounted to the outside brick of the building facing the street, and has a setback from the sidewalk of roughly 81FT from the brick of the building to the edge of sidewalk that is touching the street.

# FRONT ELEVATION SIGN C

ADDRESS:  
13523 DETROIT AVE  
LAKEWOOD, OHIO, 44107

**SQFT OF SIGN: 2.67**  
**BUILDING FRONTAGE: 50FT**

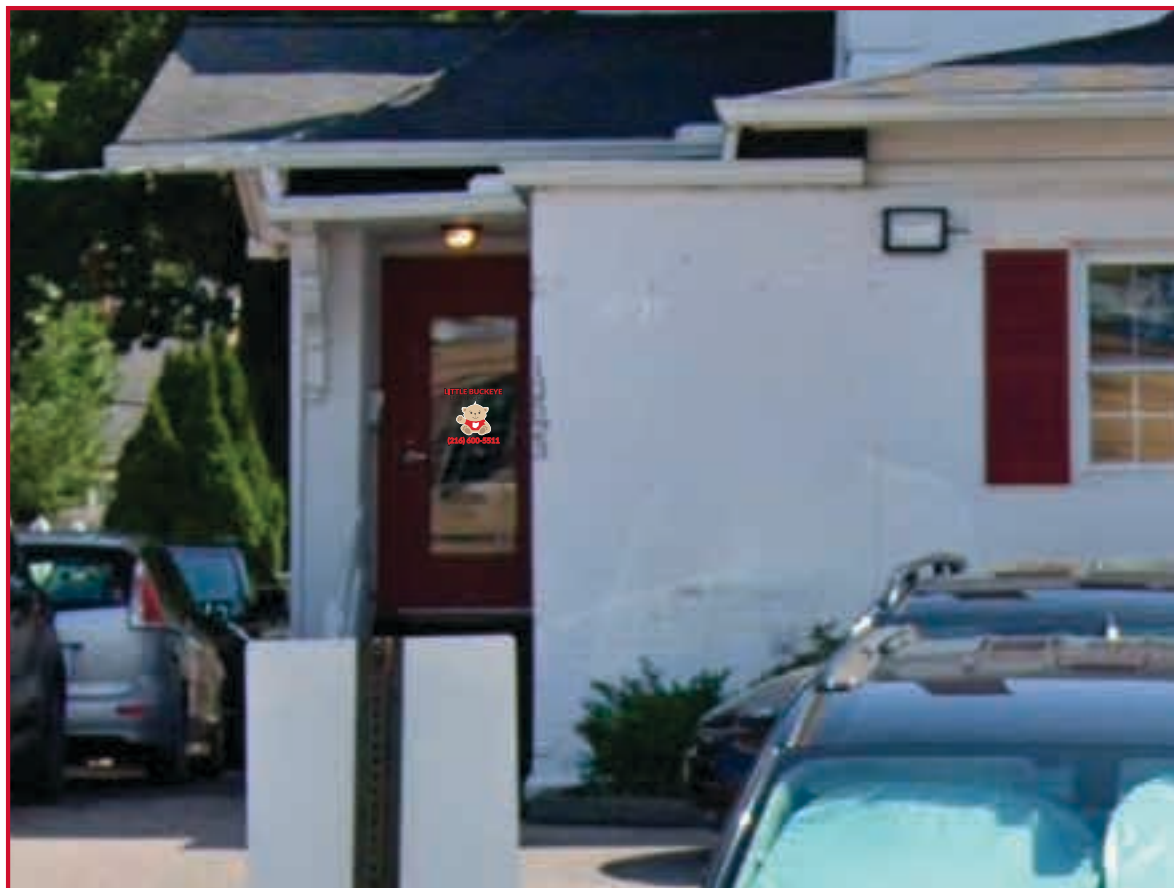
(SIGN C @ W:20" X H:19.24")

**SIGN C**



19.24"

20"



Description: Sign C is custom printed graphics (vinyl only) and contour cut to leave out any background. This sign will be used for door graphics on the front door of the building that is facing the street. The sign will be directly applied to the glass of the door, and has a setback of roughly 88FT to the edge of the sidewalk (edge touching the road).

# SPECIFICATIONS | MOUNTING

**ADDRESS:**  
13523 DETROIT AVE  
LAKEWOOD, OHIO, 44107

## SIGN A

### NEW LENSES ONLY

- OVERALL SIZE OF SIGN:
  - W:72.25" X H:47.75" - 23.96 SQFT
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## SIGN B

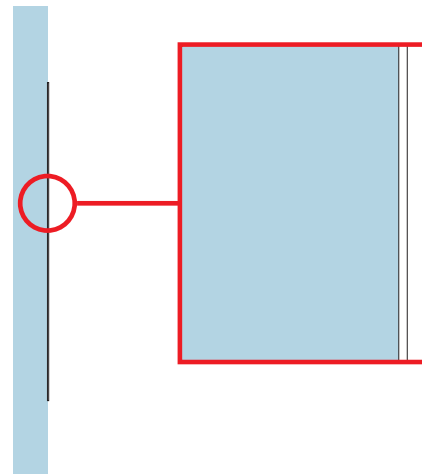
- OVERALL SIZE OF SIGN:
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- QTY 1 CUSTOM ROUTED ACM SIGN W/ CUSTOM PRINTED GRAPHICS
- SIGN TO BE MOUNTED TO EXTERIOR BRICK OF BUILDING
- MOUNTING TO BE USED: TAPCONS
- SETBACK TO ROAD IS 81FT

## SIGN C

- OVERALL SIZE OF SIGN:
  - W:20" X H:19.24" - 2.67 SQFT
- CUSTOM PRINTED GRAPHICS CONTOUR CUT TO SHAPES
- ADHERED DIRECTLY TO THE GLASS OF THE DOOR
- SETBACK TO ROAD IS 88FT



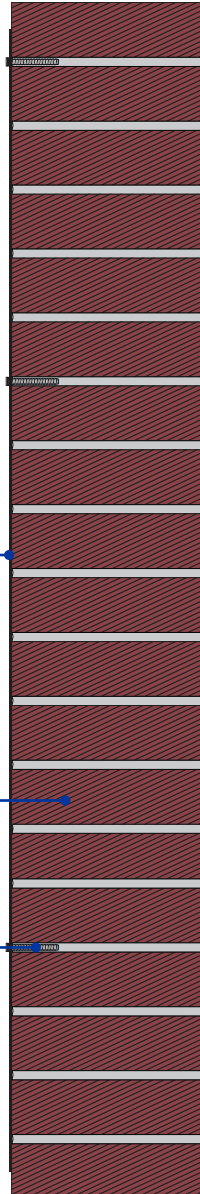
## SIDE VIEW OF SIGN C



3MM ACM SIGN (SIGN B)

EXTERIOR BRICK OF BUILDING

MOUNTING - TAPCONS





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.: 01-03-26

Permit No.: BBS25-000130

Applicant Name: Kathy Clarke

Project Address: 1435 Warren Rd.



Project Name: CPR Ohio

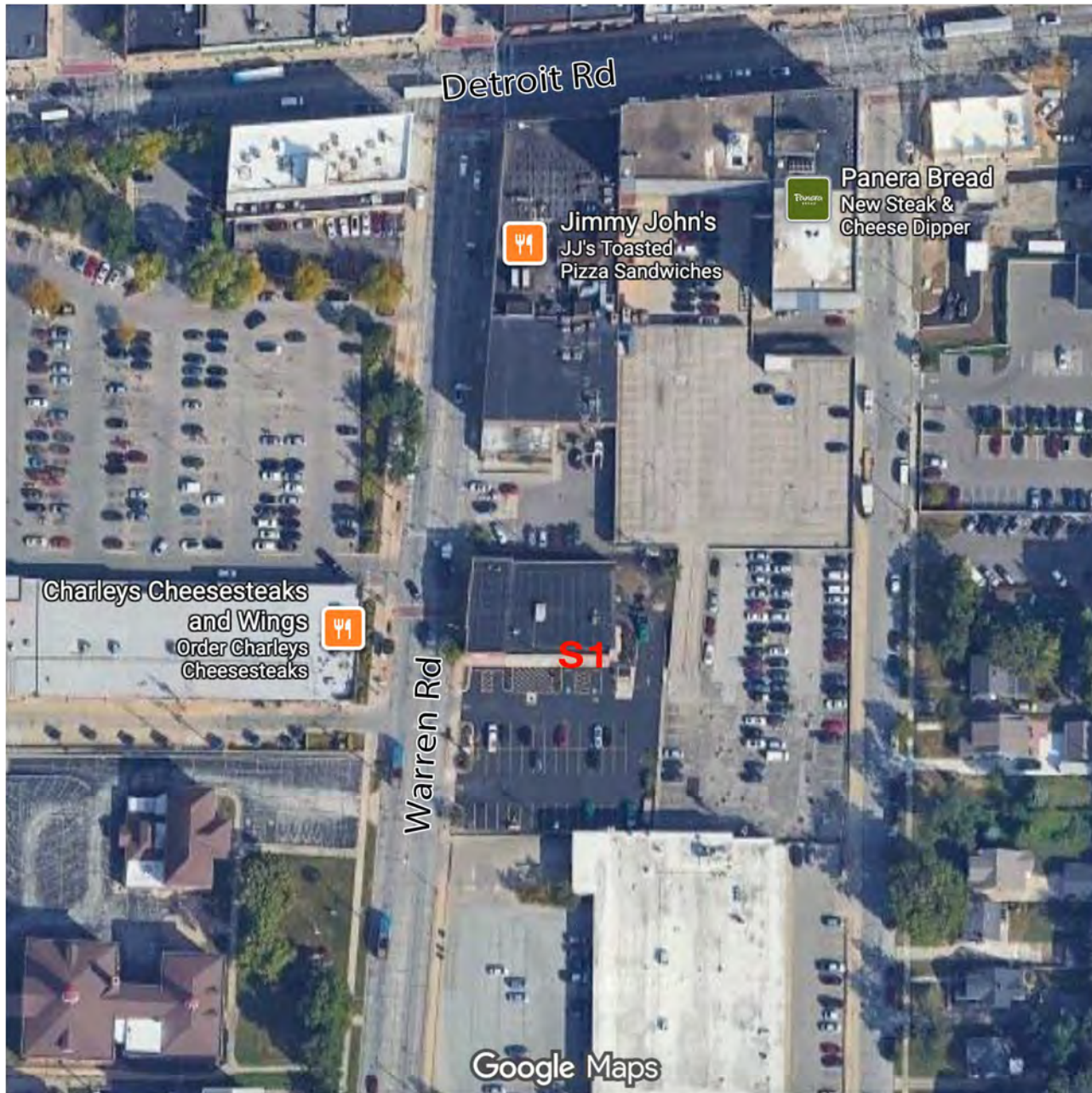
Project: Applicant proposes new signage over electrical box.

Kathy Clarke



# CPR Ohio Sign Package

 <p>CPR Ohio 1435 Warren Rd Lakewood, OH 44107</p>	<table border="1"> <thead> <tr> <th colspan="2">Version</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1 10/27/25</td> <td>Initial Release</td> </tr> <tr> <td>—</td> <td>—</td> </tr> <tr> <td>—</td> <td>—</td> </tr> </tbody> </table>	Version		DATE	DESCRIPTION	1 10/27/25	Initial Release	—	—	—	—	<p>FRONT PAGE</p> <p>P1</p>	<p>Ace Lighting Sales &amp; Service 1260 Moore Rd Suite G Avon, OH 44011 P. 440-695-0367 acelighting.com</p> 
Version													
DATE	DESCRIPTION												
1 10/27/25	Initial Release												
—	—												
—	—												



CPR Ohio  
1435 Warren Rd  
Lakewood, OH 44107

**Version**

	DATE	DESCRIPTION
1	10/27/25	Initial Release
—	—	—
—	—	—

**SITE MAP**

P2

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

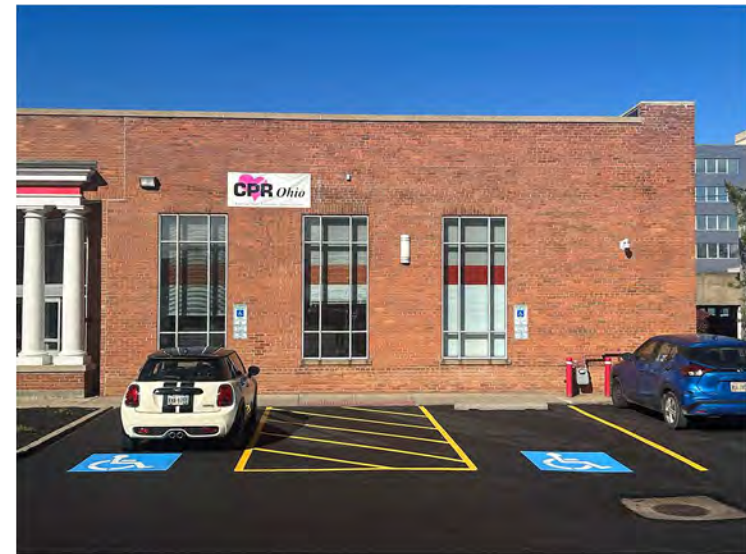




PROPOSED SIGNAGE

**Scope of Work**

1. Install Sign as designed and to code.  
(Install over existing electrical box)



EXISTING CONDITIONS

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



CPR Ohio  
1435 Warren Rd  
Lakewood, OH 44107

**Version**

	DATE	DESCRIPTION
1	10/27/25	Initial Release
—	—	—
—	—	—

PROPOSED- EXISTING

P3

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

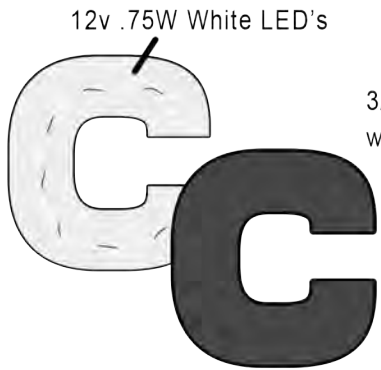


15'

32''



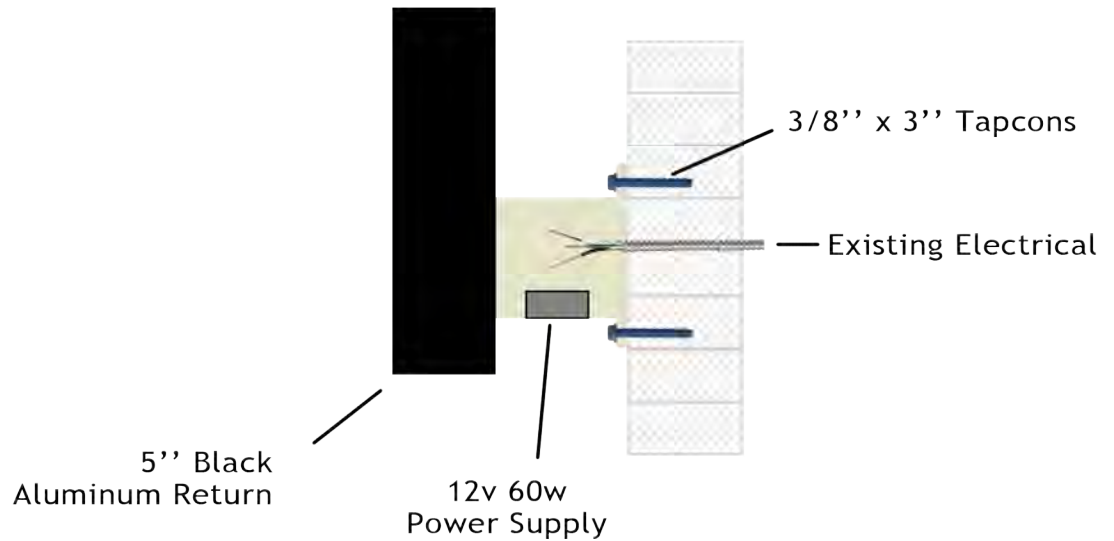
# CPR Ohio



12v .75W White LED's

3/16'' Polycarb Face with 1'' Black Trim with Black Perforated Vinyl

5'' 8''



CPR Ohio  
1435 Warren Rd  
Lakewood, OH 44107

### Version

	DATE	DESCRIPTION
1	10/27/25	Initial Release
—	—	—
—	—	—

### DETAIL



P4

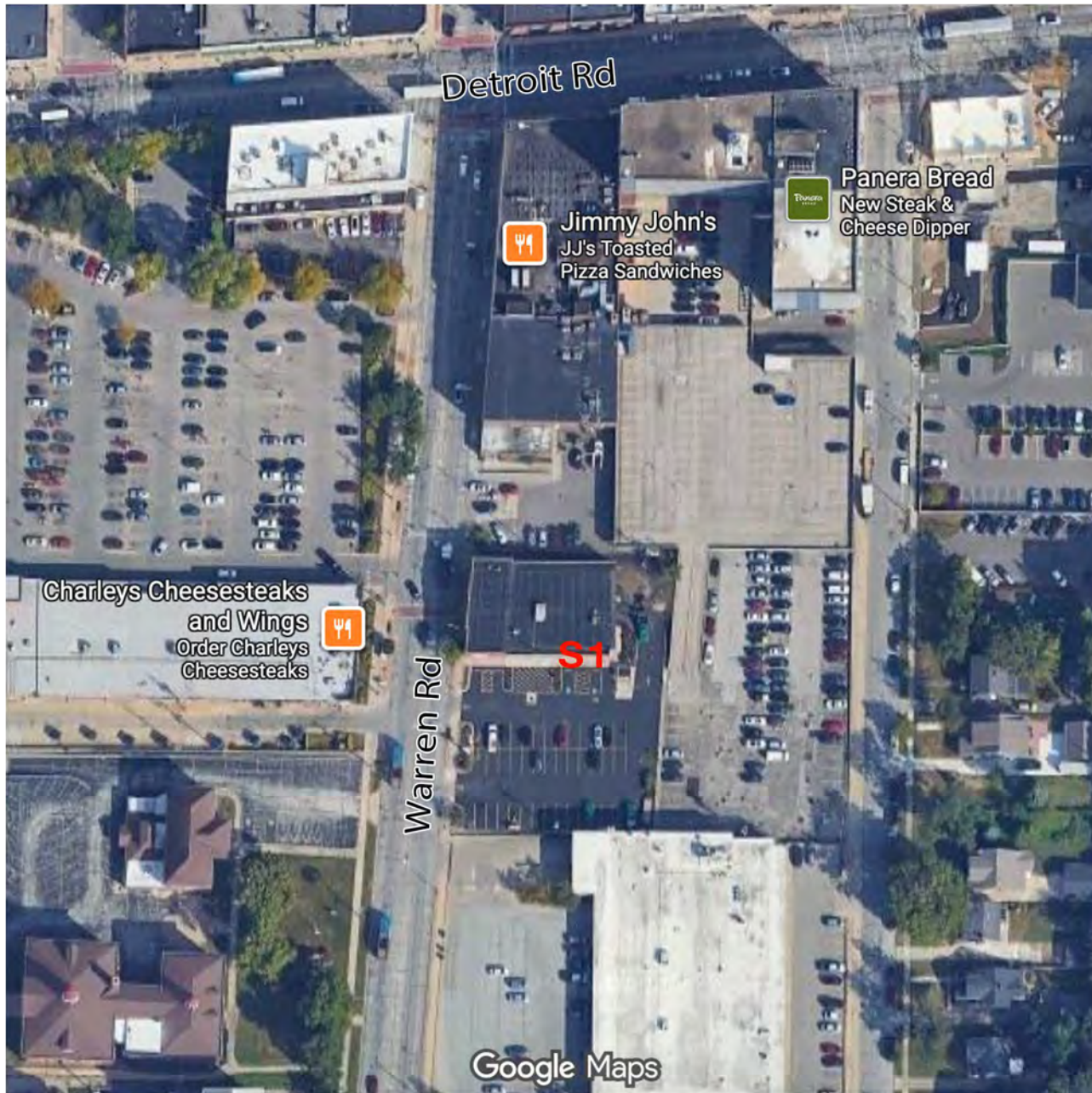
Ace Lighting Sales & Service  
1260 Moore Rd Suite G  
Avon, OH 44011  
P. 440-695-0367  
acelighting.com





# CPR Ohio Sign Package

 <p>CPR Ohio 1435 Warren Rd Lakewood, OH 44107</p>	<p><b>Version</b></p> <table border="1"> <thead> <tr> <th></th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10/27/25</td> <td>Initial Release</td> </tr> <tr> <td>—</td> <td>—</td> <td>—</td> </tr> <tr> <td>—</td> <td>—</td> <td>—</td> </tr> </tbody> </table>		DATE	DESCRIPTION	1	10/27/25	Initial Release	—	—	—	—	—	—	<p>FRONT PAGE</p> <p>P1</p>	<p>Ace Lighting Sales &amp; Service 1260 Moore Rd Suite G Avon, OH 44011 P. 440-695-0367 acelighting.com</p> 
	DATE	DESCRIPTION													
1	10/27/25	Initial Release													
—	—	—													
—	—	—													



CPR Ohio  
1435 Warren Rd  
Lakewood, OH 44107

**Version**

	DATE	DESCRIPTION
1	10/27/25	Initial Release
—	—	—
—	—	—

**SITE MAP**

P2

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





PROPOSED SIGNAGE

**Scope of Work**

1. Install Sign as designed and to code.  
(Install over existing electrical box)



EXISTING CONDITIONS

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



CPR Ohio  
1435 Warren Rd  
Lakewood, OH 44107

**Version**

	DATE	DESCRIPTION
1	10/27/25	Initial Release
—	—	—
—	—	—

PROPOSED- EXISTING

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

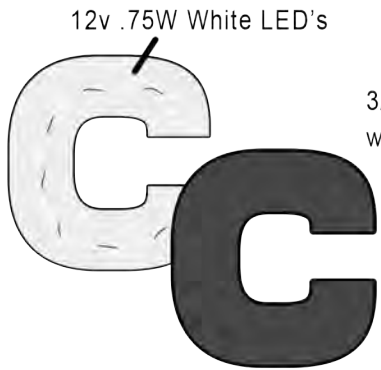


15'

32''

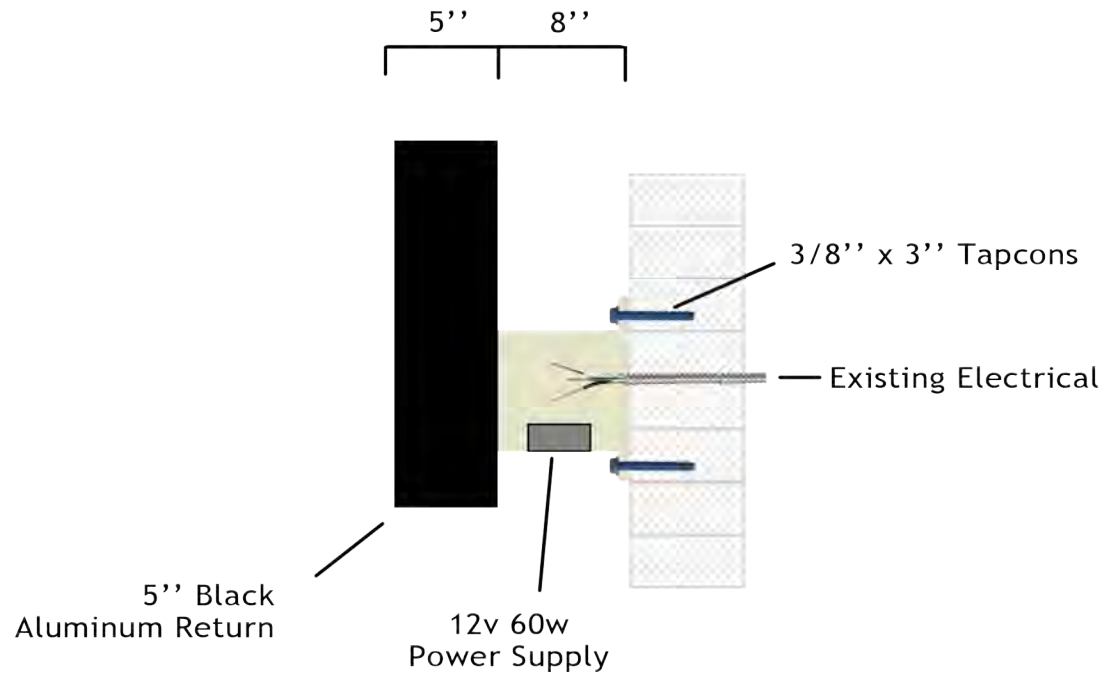


# CPR Ohio



12v .75W White LED's

3/16'' Polycarb Face with 1'' Black Trim with Black Perforated Vinyl



CPR Ohio  
1435 Warren Rd  
Lakewood, OH 44107

### Version

	DATE	DESCRIPTION
1	10/27/25	Initial Release
—	—	—
—	—	—

### DETAIL

P4

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



**[kathy@getlitwithus.com](mailto:kathy@getlitwithus.com)**

---

**From:** Katherine Grega <[info@cprohio.com](mailto:info@cprohio.com)>  
**Sent:** Monday, December 1, 2025 10:32 AM  
**To:** [kathy@getlitwithus.com](mailto:kathy@getlitwithus.com)  
**Subject:** Re: FW: CPR Ohio

Hi Kathy - here is the info:

**Landlord Address:**

KeyCorp/KeyBank National Association  
Attn: RE Asset Manager – PID 2171  
P.O. Box 94839  
Cleveland, Ohio 44101-4839

**Building Address:**  
1435 Warren Road  
Lakewood, OH 44107

**Property Manager:**  
Allen Jernejcic  
[Allen\\_Jernejcic@keybank.com](mailto:Allen_Jernejcic@keybank.com)

**CBRE - (Building Maintenance Contact)**  
Larry Blair  
614-359-4374

Thanks

Bob Grega

On Mon, Dec 1, 2025 at 10:01 AM <[kathy@getlitwithus.com](mailto:kathy@getlitwithus.com)> wrote:

So, I will need the landlord information please.



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.: 01-04-26

Permit No.: BBS25-000131

Applicant Name: Ray Wagner

Project Address: 14519 Madison Ave.

Project Name: Spin Bike Shop

Project: Applicant proposes new neon window signage.

Handwritten signature in blue ink, appearing to read "R. J. ...".

**1000-SPIN BIKE SHOP**  
**MOCKUP /OVERVIEW**

**EXISTING**



**MOCKUP BY DAY**



**MOCKUP BY NIGHT**



JOB NUMBER: 44508



295 WEST PROSPECT  
 PAINESVILLE, OHIO 44077  
 TEL: (440) 350 6267  
 VISIT US AT RUFFNEONSIGN.COM

ADDRESS:

DRAWING: TSP      DATE: 04/29/25

REPRESENTATIVE: Jazmeene Munoz

FILE: 44508\_Presentation\_v1

DRAWING HISTORY		
INFO	NAME	DATE

**JOB DESCRIPTION**

Cobalt Blue NEON Mounted to black acrylic panels to be hung from the window

Dimensions  
 TBD

*\*This drawing is the property of ruff neon and all rights to its use reproduction are reserved by ruff neon.*

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

LANDLORD SIGNATURE:  
(PROPERTY OWNER OR AUTHORIZED AGENT)

DATE:

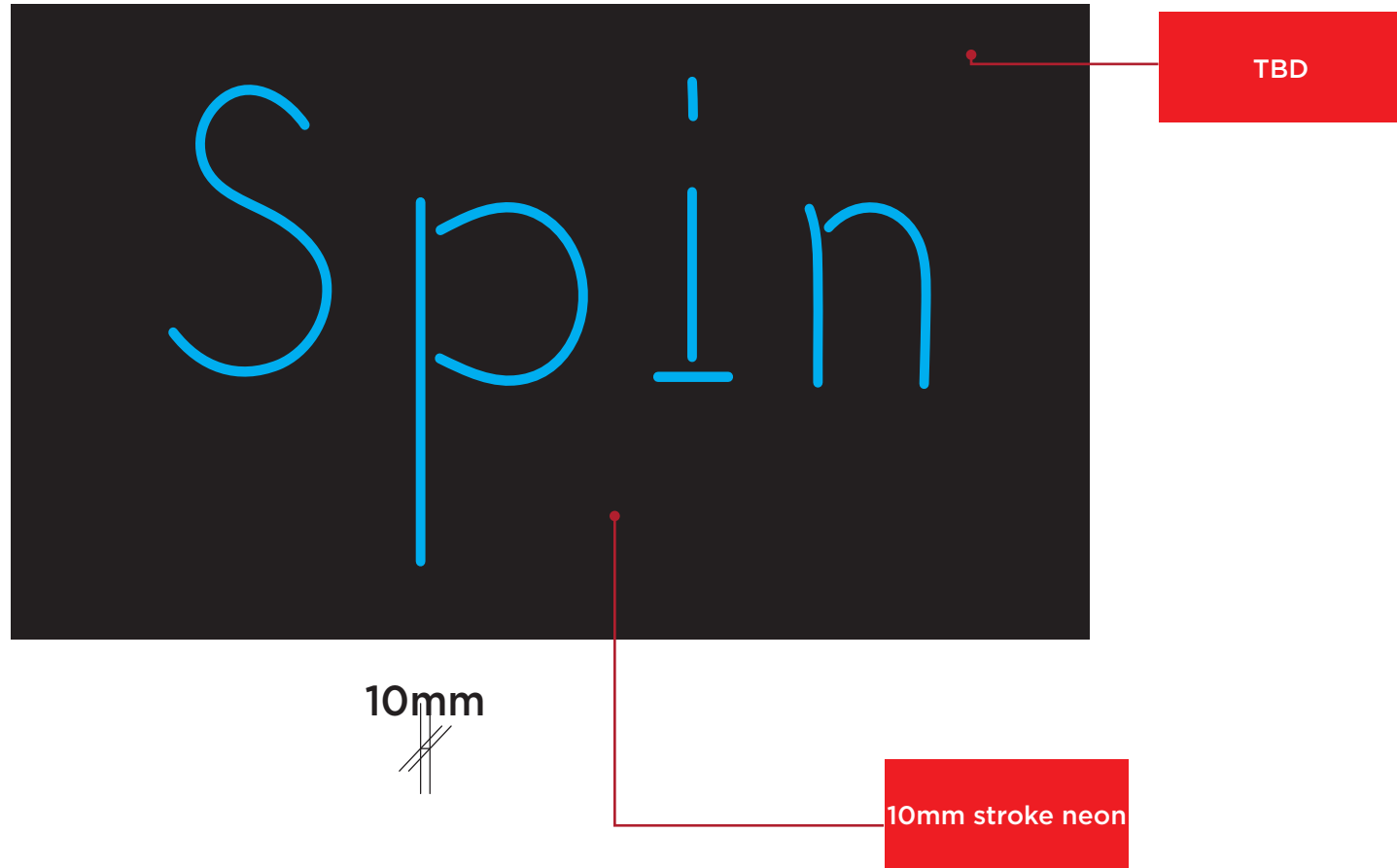
I have reviewed the artwork and approve that everything is 100% correct and give my permission to move foward with this project.

CLIENT SIGNATURE:

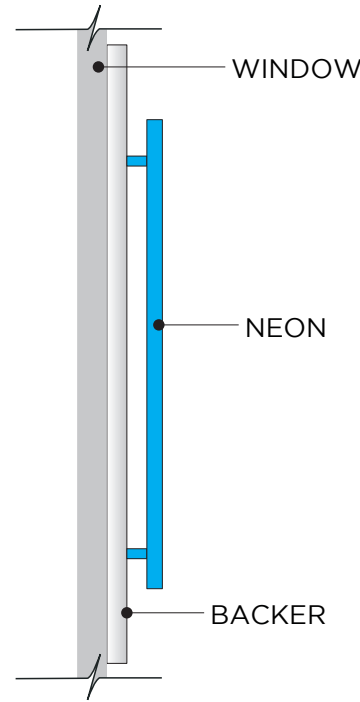
DATE:

**1000-SPIN BIKE SHOP**  
SIGN / OVERVIEW

MEASUREMENTS TBD



**SIDE VIEW**



MEASUREMENTS TBD



**FACE COLORS**



JOB NUMBER: 44508



295 WEST PROSPECT  
PAINESVILLE, OHIO 44077

TEL: (440) 350 6267

VISIT US AT RUFFNEONSIGN.COM

ADDRESS:

DRAWING: TSP      DATE: 04/29/25

REPRESENTATIVE: Jazmeene Munoz

FILE: 44508\_Presentation\_v1

DRAWING HISTORY		
INFO	NAME	DATE

**JOB DESCRIPTION**

Cobalt Blue NEON Mounted to black acrylic panels to be hung from the window

Dimensions  
TBD

*\*This drawing is the property of ruff neon and all rights to its use reproduction are reserved by ruff neon.*

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

LANDLORD SIGNATURE:  
(PROPERTY OWNER OR AUTHORIZED AGENT)

DATE:

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

CLIENT SIGNATURE:

DATE:



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.: 01-05-26

Permit No.: BBS25-000132

Applicant Name: Craig Brown

Project Address: 15640 Madison Ave.

Project Name: CB Photo

Project: Applicant proposes new signage on the door.

To whom it may concern,

Govani Realty gives Craig Brown of CB Photo, 15640 Madison Ave. Lakewood Ohio 44107 permission to apply for a sign permit and attach it to his business door.

Thank You

A handwritten signature in cursive script that reads "Mary Govan". The signature is written in black ink and is positioned in the center of the page.



15640

15640

The logo consists of a dark gray square background. Inside the square, the letters 'CB' are written in a large, bold, white, sans-serif font. Below the 'CB', the word 'PHOTO' is written in a smaller, white, sans-serif font.

**CB**

**PHOTO**

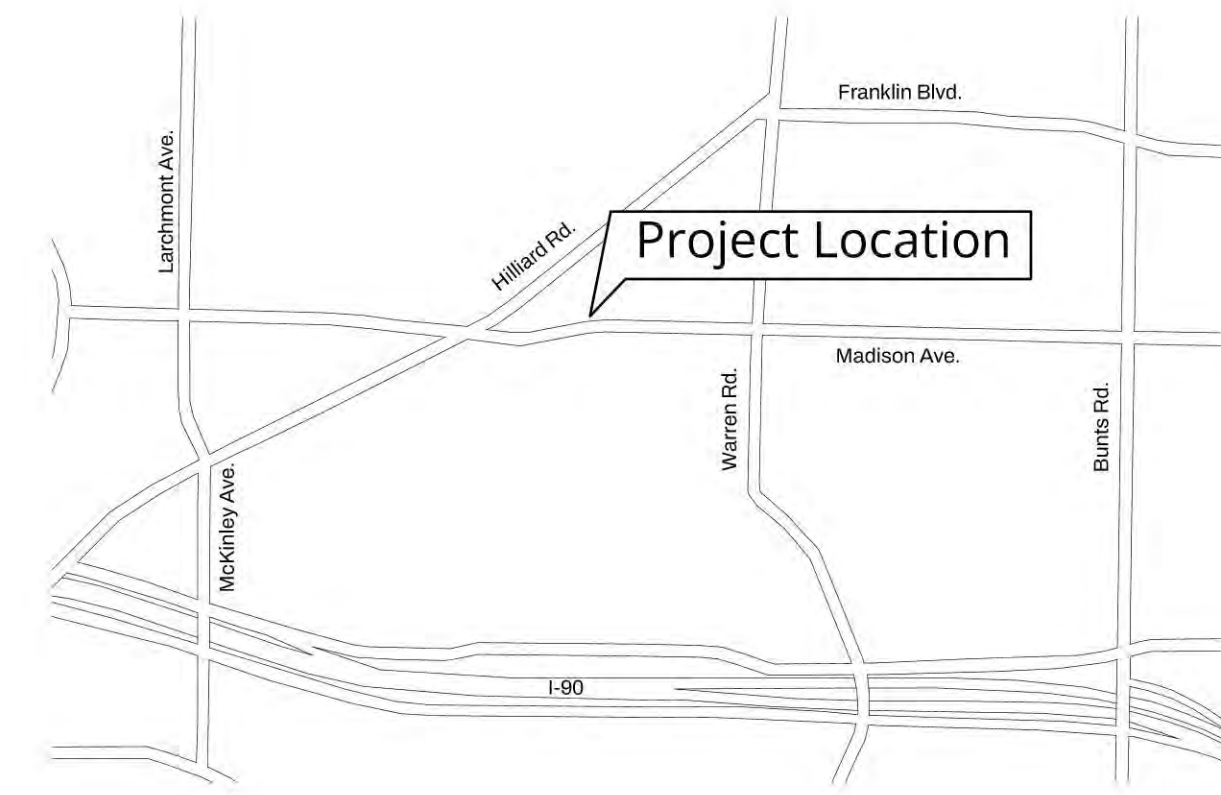
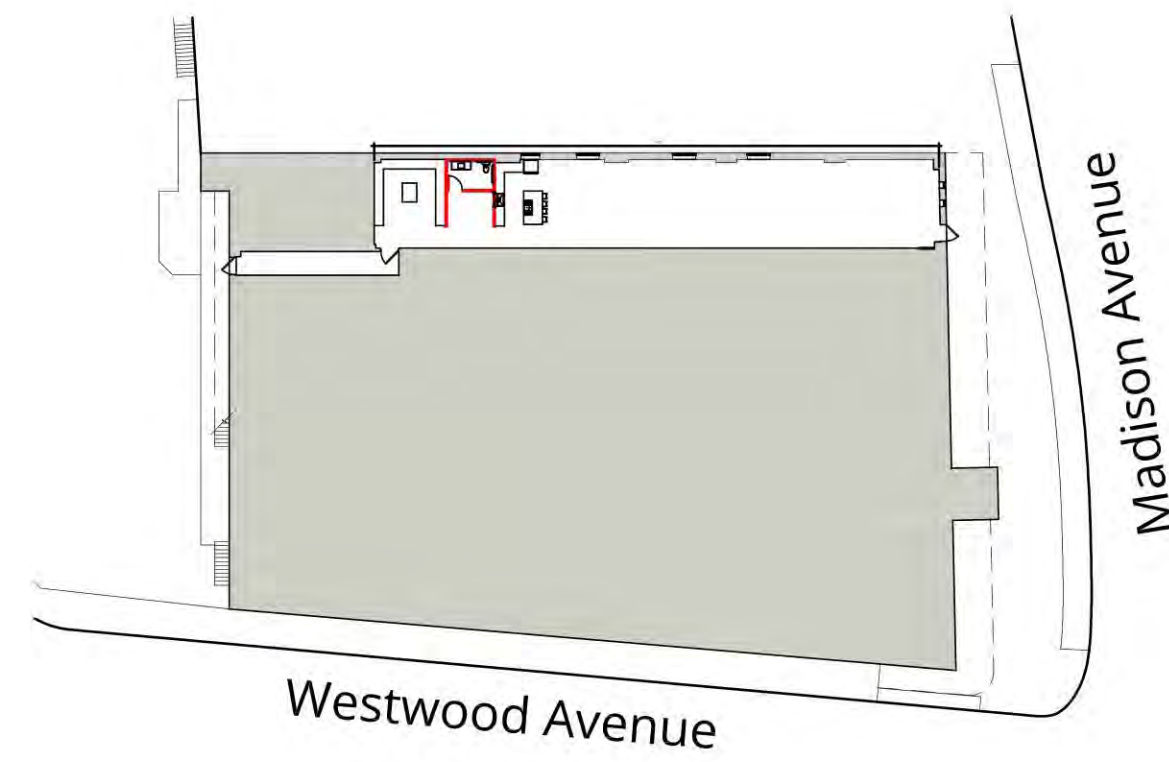
# Permit Submission 04.02.2025

Onward Design Collaborative Project No. 25-06

# CB Photo Build-Out

15640 Madison Avenue  
Lakewood, Ohio, 44107

ARCHITECT:  
Onward Design Collaborative, llc.  
1451 Rosewood Avenue, Lakewood, Ohio 44107  
T 814.490.3668 www.onwarddesigncollaborative.com



4 BUILDING DIAGRAM  
A100 NTS

3 LOCATION PLAN  
A100 NTS

### PROJECT DESCRIPTION

The project includes the build-out of a commercial photography studio with spaces for prop storage, accessible restroom, powder room, kitchen, and flexible studio space. All existing MEP is to remain with any new tying into existing.

### BUILDING CODE

#### 2024 OHIO EXISTING BUILDING CODE

Prescriptive Method

#### 2024 OHIO BUILDING CODE

Chapter 3 - Use and Occupancy Classification  
Section 304.1 Business Group B

Chapter 5 - General Building Heights and Areas  
Tenant Space 2,215 sf

Chapter 6 - Type of Construction: Type III-B

#### Chapter 10 - Means of Egress

Table 1004.1.2 Business q 150 gross  
Occupant Load: 2,215 / 150 = 14 occupants

Table 1006.3.2.1 Spaces with One Exit or Exit Access Doorway  
B w/o Sprinkler: Max. Travel: 100'-0"  
Depth of Tenant Space: 120'-0"

Table 1006.3.3 Min. Number of Exits: 2

Table 1017.2 Exit Travel Distance (NS) = 200'-0"

#### Chapter 11 Accessibility

1110.2 Toilet and Bathing Facilities  
As there is no accessible restroom off the egress corridor, one is provided within the tenant space.

### MEP GENERAL NOTES

- The existing mechanical system and distribution is to remain unchanged.
- The electrical panel within the space has been recently updated by the building owner. All electrical components in space to remain with new to be added to open circuits.
- The existing plumbing in the space is to remain, with new fixtures tying into existing.

### PLAN LEGEND

- Existing wall to remain
- New construction

- New door
- door width (feet-inches)

### WALL TYPE LEGEND

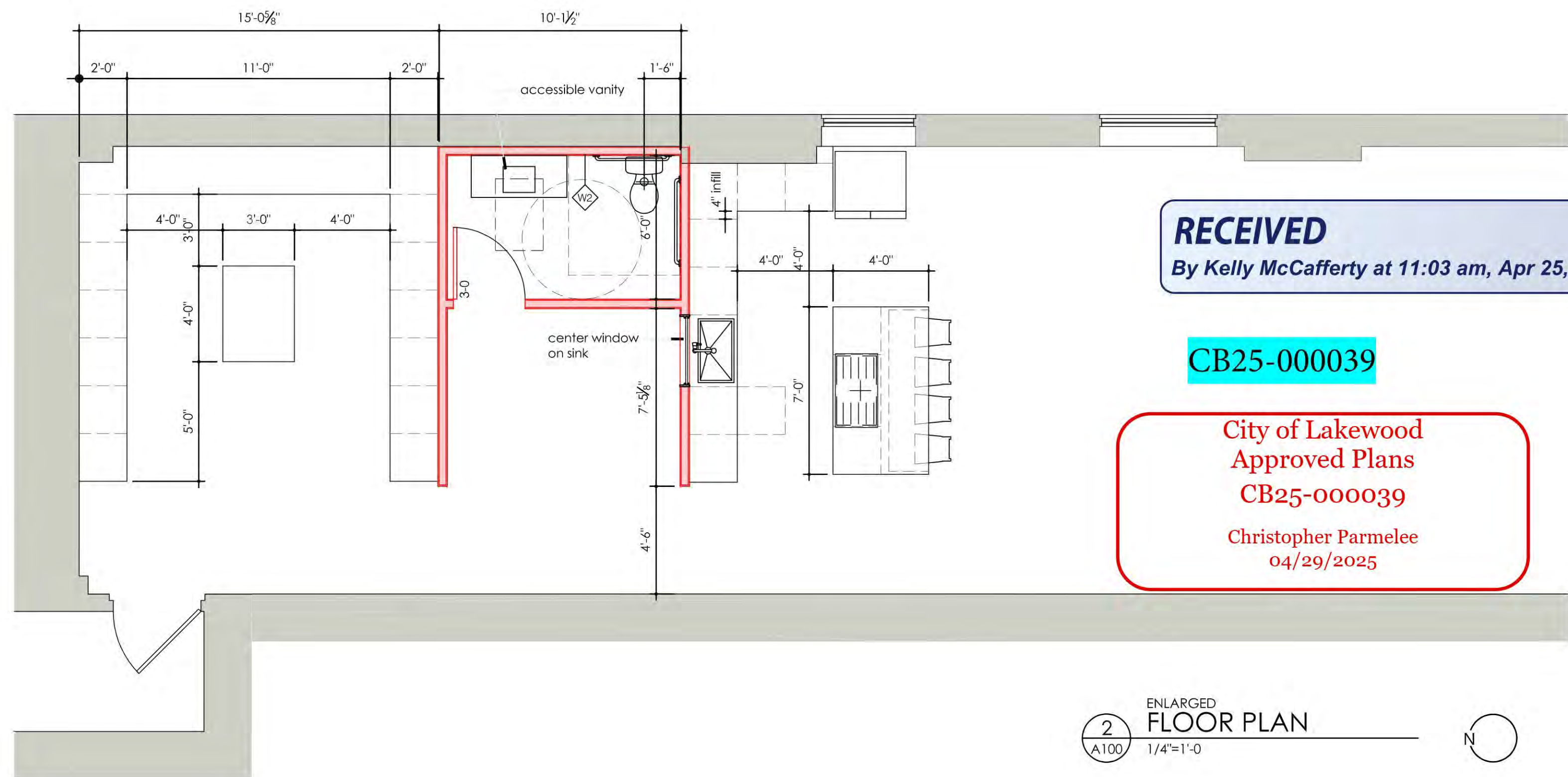
- (1) layer 5/8" gypsum board on both sides of 2x4 wd. stud framing spaced @ 16" o.c.
- gypsum board on one side of 2x4 wd. stud

### POWER & LIGHTING FIXTURE LEGEND

- switch
- wall sconce
- duplex receptacle
- exhaust fan
- quadplex receptacle
- decorative light
- ceiling mounted receptacle
- electrical panel
- gpci
- existing to remain

### MEP KEYNOTES

- Vent fixture duct to exterior.

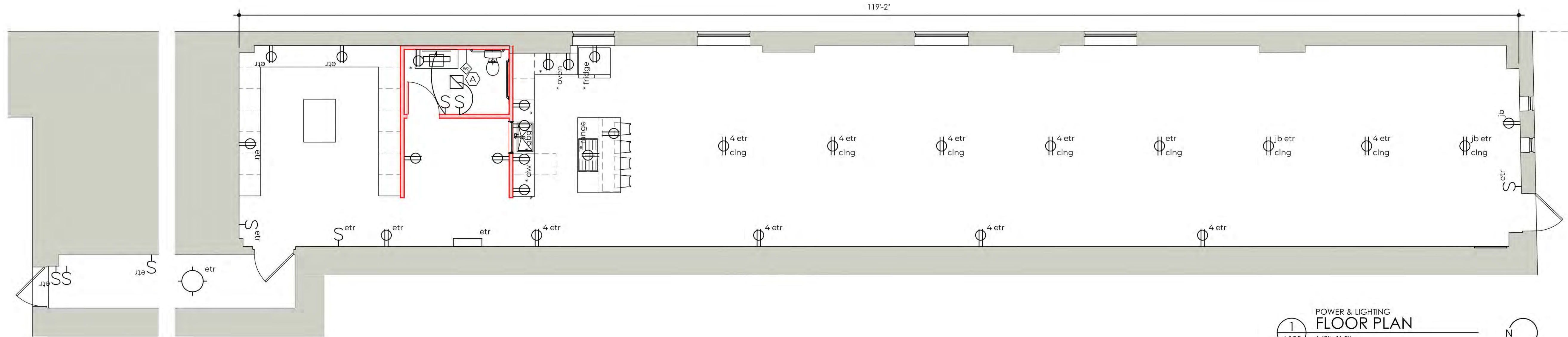


**RECEIVED**  
By Kelly McCafferty at 11:03 am, Apr 25, 2025

CB25-000039

City of Lakewood  
Approved Plans  
CB25-000039  
Christopher Parmelee  
04/29/2025

2 ENLARGED FLOOR PLAN  
A100 1/4"=1'-0"



1 POWER & LIGHTING FLOOR PLAN  
A100 1/8"=1'-0"

Project: CB Photo Build-out

15640 Madison Avenue  
Lakewood, Ohio 44107

Seal:



Jeremy Smith, License # 1616827  
Expiration Date 12/31/2025

**onward**  
design collaborative

18119 Detroit Avenue  
Lakewood, Ohio 44107  
p. 814.490.3668  
www.onwarddesigncollaborative.com

Project No: 25-08  
Drawn / Checked:

Issue: Permit Submission 04.02.2025

SITE AND LOCATION PLANS

**A100**

Copyright © 2025 Onward Design Collaborative



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

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Application Cover Page

Docket No.: 01-06-26

Permit No.: BBS25-000133

Applicant Name: Gary Fischer

Project Address: 16806 Madison Ave.

Project Name: Cini

Project: Applicant proposes renovation of storefront.

Gary Fischer

**RE: Owner Authorization & Property Access Consent**

**16806 Madison Avenue, Lakewood, OH 44107**

Parcel No. **313-21-021**

Applicant: **Cini Hospitality LLC**

To the Lakewood Planning Commission and the City of Lakewood:

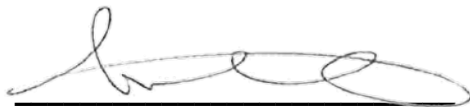
I, **Steve M. Ravida**, Chief Financial Officer of **Northlake Management, LLC**, the legal owner and property manager of **16806 Madison Avenue**, hereby authorize **Cini Hospitality LLC** (Evan Fogarty & Fabrizio Cario) to apply for and pursue a **Conditional Use Permit** for a proposed Bar/Tavern (C-2) use within the C-1 zoning district for the project known as **Cini**.

This authorization includes permission for:

1. The applicant to submit all required plans, drawings, narratives, and documentation to the City of Lakewood.
2. Representatives of the City of Lakewood (Planning, Building, Fire, Health Departments, or their designees) to access the property as needed for inspections, evaluations, or reviews related to the Conditional Use application and subsequent permitting.
3. The applicant and their architect/consultants to access the building for measurement, planning, and preparation of architectural and engineering drawings.

Northlake Management, LLC acknowledges the Conditional Use request and grants full consent for Cini Hospitality LLC to proceed with the application process.

Sincerely,



**Date:** 12/5/2025

**Steve M. Ravida**

Chief Financial Officer

Northlake Management, LLC

Owner / Property Manager

Direct: 216.373.7380

Fax: 440.550.8000

steve@northlakemgmt.com

City of Lakewood – Planning & Community Development  
12650 Detroit Avenue  
Lakewood, OH 44107

**RE: Tenant Consent for Conditional Use Application**  
**16806 Madison Avenue, Lakewood, OH 44107**  
Parcel No. **313-21-021**  
Applicant: **Cini Hospitality LLC**

To the Lakewood Planning Commission and the City of Lakewood:


I, **Chris Murphy**, on behalf of **Brewella's**, the current tenant at **16806 Madison Avenue**, hereby grant consent for **Cini Hospitality LLC** (Evan Fogarty & Fabrizio Cario) to apply for and pursue a **Conditional Use Permit** for a proposed Bar/Tavern (C-2) use within the C-1 zoning district.

This consent includes permission for:

1. Cini Hospitality LLC to submit all required plans and documents to the City of Lakewood related to the Conditional Use application.
2. Representatives of the City of Lakewood (Planning, Building, Fire, Health, or their designees) to access the property as needed for inspections or evaluations during the application and permitting process.
3. Cini Hospitality LLC and their architect/consultants to access the interior of the space for measurements, planning, and architectural preparation, provided such access is arranged in advance and does not interfere with Brewella's operations.

This letter acknowledges our awareness of the applicant's intent and our cooperation during their Conditional Use process.

Sincerely,

  
dotloop verified  
12/04/25 10:28 AM EST  
5YZ0-XCOL-8GJT-PHDS

**Date:** 12/04/2025

**Chris Murphy**  
Brewella's

**BUILDING CODE INFORMATION**

USE GROUP	CONST. TYPE	SQUARE FEET	MAX. OCC.
B	3B	618	35

A 4" x 6" PLAQUE WITH THE ABOVE INFORMATION SHALL BE POSTED IN TWO PRIMARY ENTRY AREAS IN THE BUILDING.

GOVERNING CODES:  
2024 OHIO BUILDING CODE, 2024 OHIO PLUMBING CODE, 2024 OHIO MECHANICAL CODE, 2024 NATIONAL ELECTRIC CODE, COMPLY WITH OBC NFPA REQUIREMENTS AND ALL APPLICABLE STATE OF OHIO AND LOCAL CODES.

**GENERAL NOTES:**

THE CONTRACTOR(S) WARRANTS THAT ALL CONSTRUCTION AND INSTALLATION WORK FOR THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH ALL THE REQUIREMENTS OF LOCAL, STATE & FEDERAL LAWS AND AUTHORITIES HAVING JURISDICTION.

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ALL WORK AND MATERIALS NORMALLY REQUIRED PER INDUSTRY STANDARDS TO COMPLETE THE WORK, ALTHOUGH NOT INDICATED SPECIFICALLY, SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR AS IF SHOWN ON THE CONSTRUCTION DOCUMENT DRAWINGS. FAILURE TO SHOW OR INDICATE MINUTE DETAILS SHALL NOT WARRANT OMISSION OF NECESSARY WORK FOR THE PROPER COMPLETION OF THE PROJECT.

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IF CONDITIONS AT THE PROJECT JOB SITE ARE DIFFERENT THAN THOSE INDICATED IN THE CONTRACT CONSTRUCTION DOCUMENTS, CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IN WRITTEN FORM.

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**STRUCTURAL NOTES: (GENERAL)**

- THE STRUCTURE IS DESIGNED TO BE AND REMAIN SELF-SUPPORTING AND STABLE AFTER THE INDICATED PROJECT WORK IS FULLY COMPLETED. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE AND TO INSURE THE SAFETY OF THE BUILDING/S AND ALL ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES THE ADDITION OF WHATEVER TEMPORARY BRACING, SHORING, SHEETING, GUYS AND THE DOWNS WHICH MAY BE NECESSARY. ALL SUCH MATERIAL SHALL REMAIN THE CONTRACTORS PROPERTY AFTER THE PROJECT IS COMPLETED.
- SHOULD ANY OF THE DETAILED INSTRUCTIONS SHOWN ON THE CONSTRUCTION DOCUMENTS CONFLICT WITH THE GENERAL STRUCTURAL NOTES, STRUCTURAL SPECIFICATIONS, OR WITH EACH OTHER, THE STRICTEST PROVISION SHALL GOVERN.
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**DESIGN CRITERIA:**

- DEAD LOAD FLOOR - 10 PSF      LIVE LOAD FLOOR - 100 PSF  
DEAD LOAD ROOF - 20 PSF      LIVE LOAD ROOF - 25 PSF
- WIND LOAD    115 MPH    EXPOSURE B
- GROUND SNOW LOAD - 30 PSF
- SEISMIC - SITE CLASSIFICATION (C) USE GROUP (1) DESIGN (A) (WIND LOAD GOVERNS)

**CONCRETE**

- CAST IN PLACE CONCRETE TO BE MIN. 4000 PSI STRENGTH.

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**ROUGH CARPENTRY**

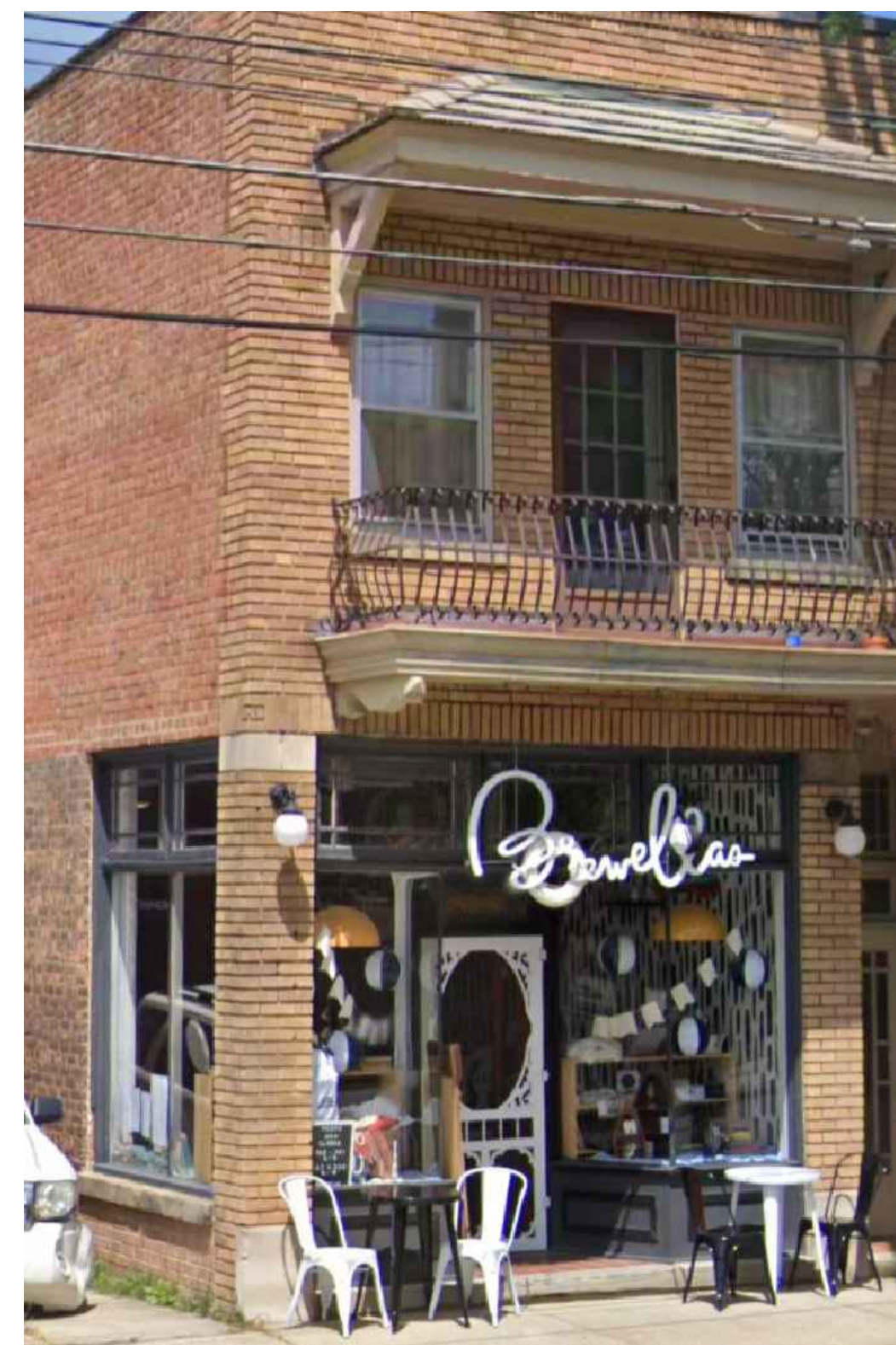
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**FINISHES**

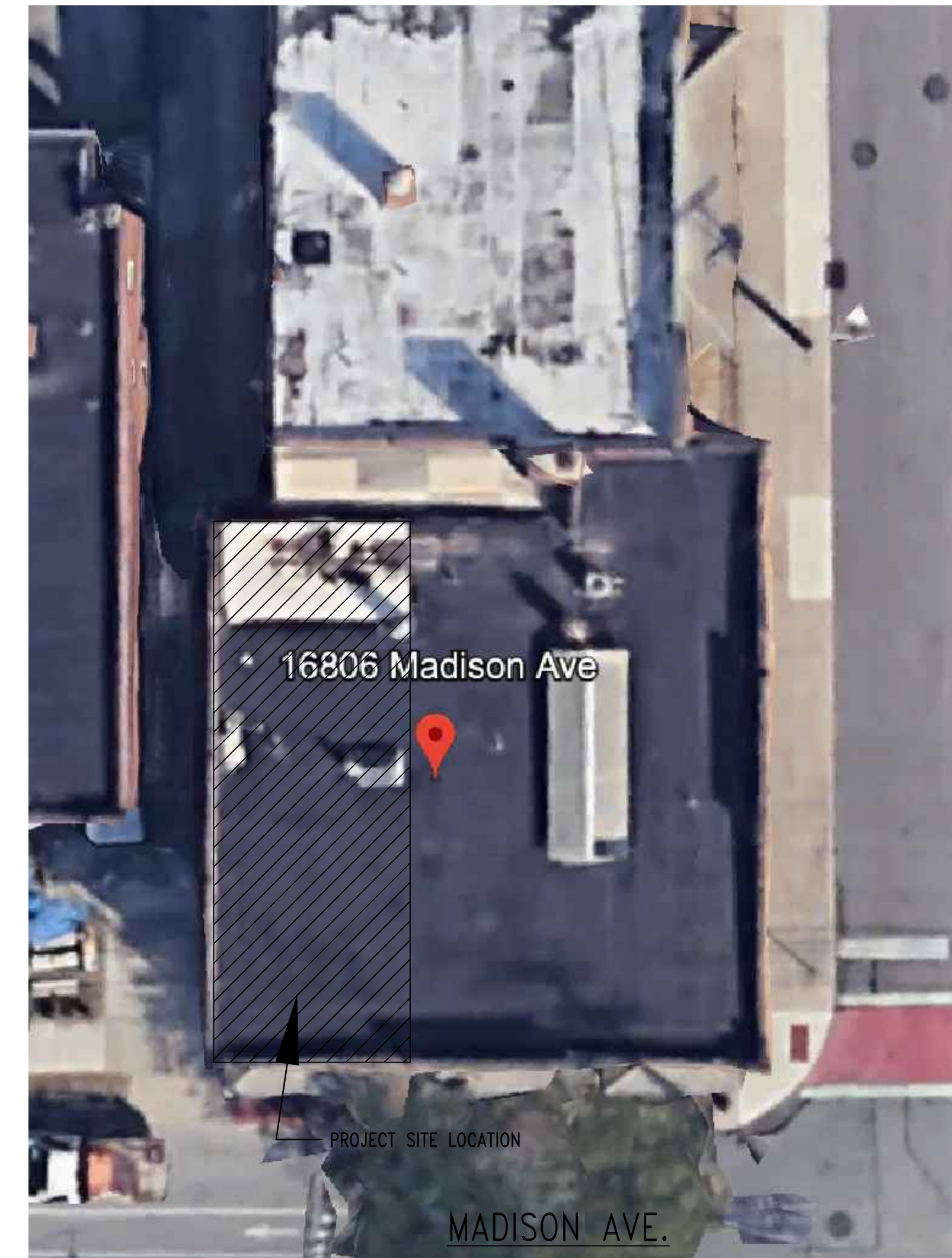
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PROPOSED SIGN ELEVATION  
NO SCALE



CURRENT STREET VIEW  
NO SCALE



LOCATION MAP  
NO SCALE

FISCHER & ASSOCIATES



ARCHITECTS INC.

554 West Ninth Street  
Lorain, Ohio 44052  
Tel: (440) 315-2300

E mail: andrea@fischerarch.com

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ISSUE:	DATE:
OWNER REVIEW	11/30/25
PERMIT	12/11/25

Client Name/Project Name/Address

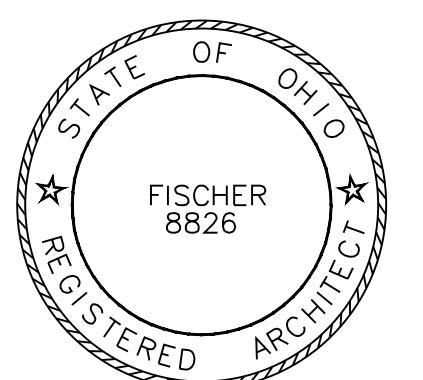
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Drawing Name  
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Fischer Project Number  
25.073  
SHEET #

G-100

Seal



GARY FISCHER LICENSE #8826  
EXPIRATION DATE 12/31/2025

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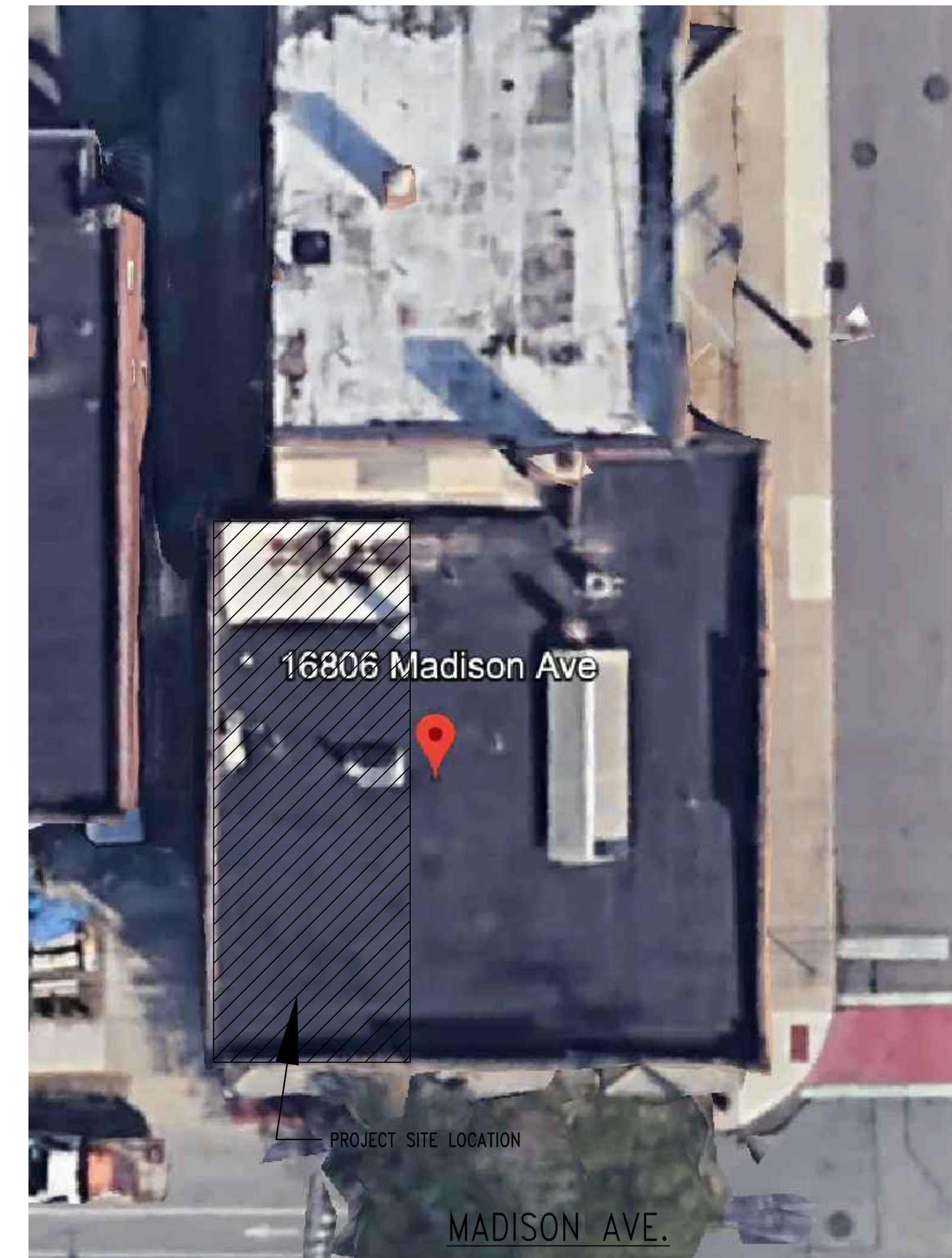
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NO SCALE



CURRENT STREET VIEW  
NO SCALE



LOCATION MAP  
NO SCALE

FISCHER & ASSOCIATES



ARCHITECTS INC.

554 West Ninth Street  
Lorain, Ohio 44052  
Tel: (440) 315-2300

E mail: andrea@fischerarch.com

Fischer & Associates © 2025

ISSUE: DATE:

OWNER REVIEW	11/30/25
PERMIT	12/11/25

Client Name/Project Name/Address

**CINI**  
**(BAR INSTALLATION)**  
16806 Madison Ave.  
Lakewood, Ohio 44017

Drawing Name

COVER SHEET, FRONT VIEWS, SITE MAP.

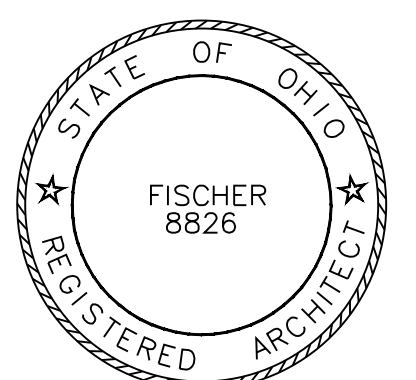
Fischer Project Number

25.073

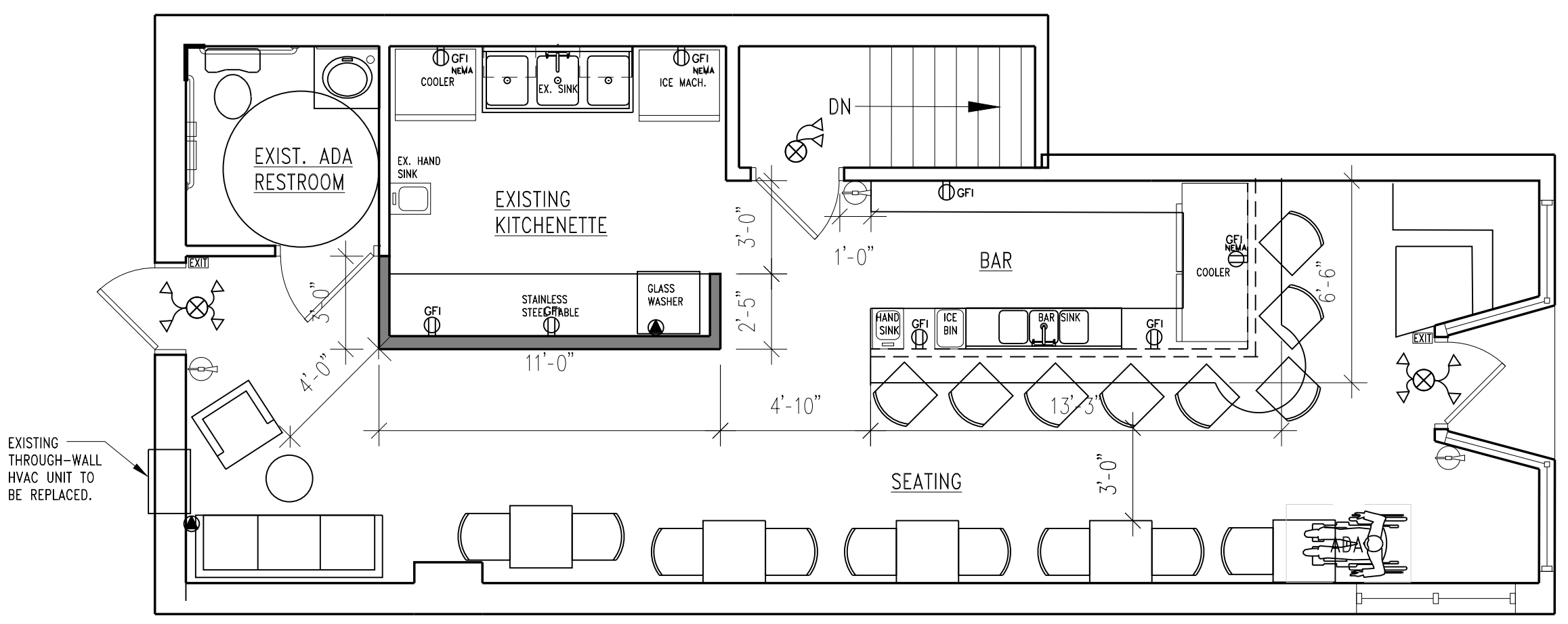
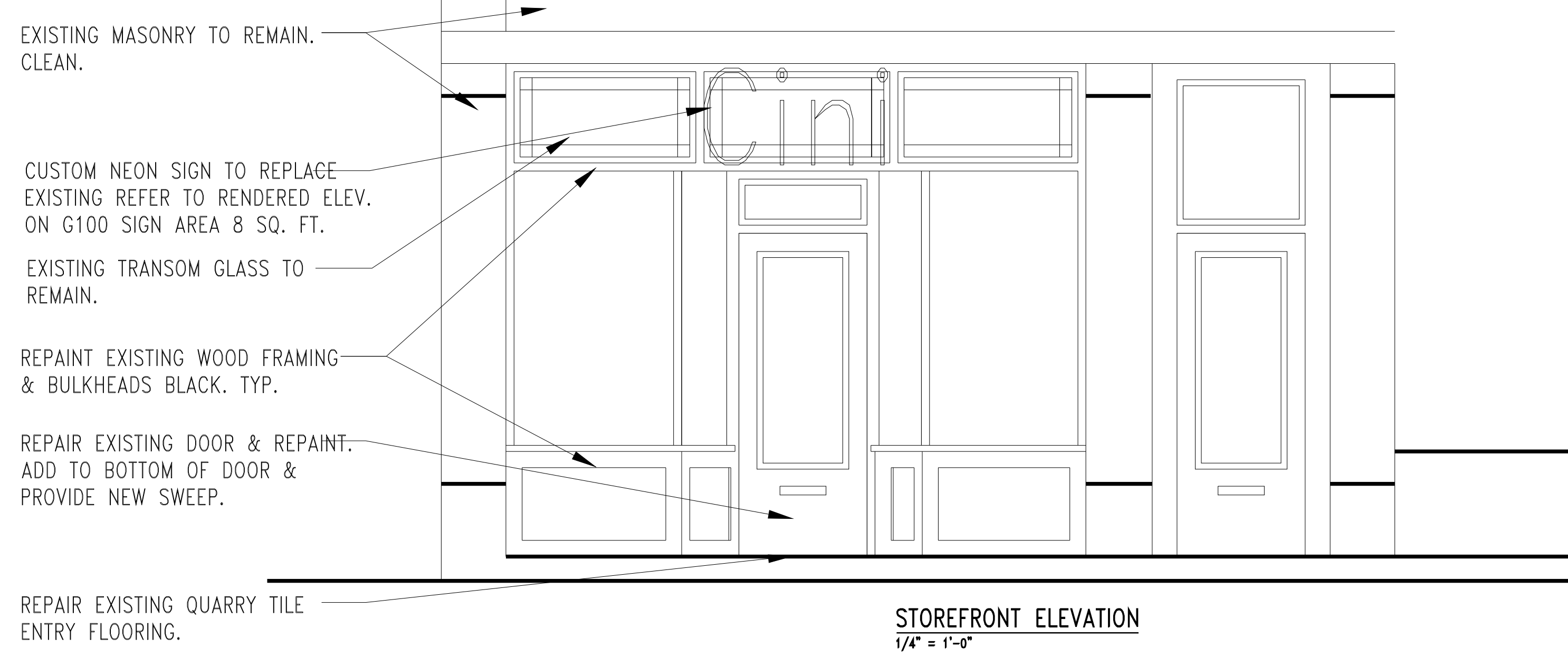
SHEET #

G-100

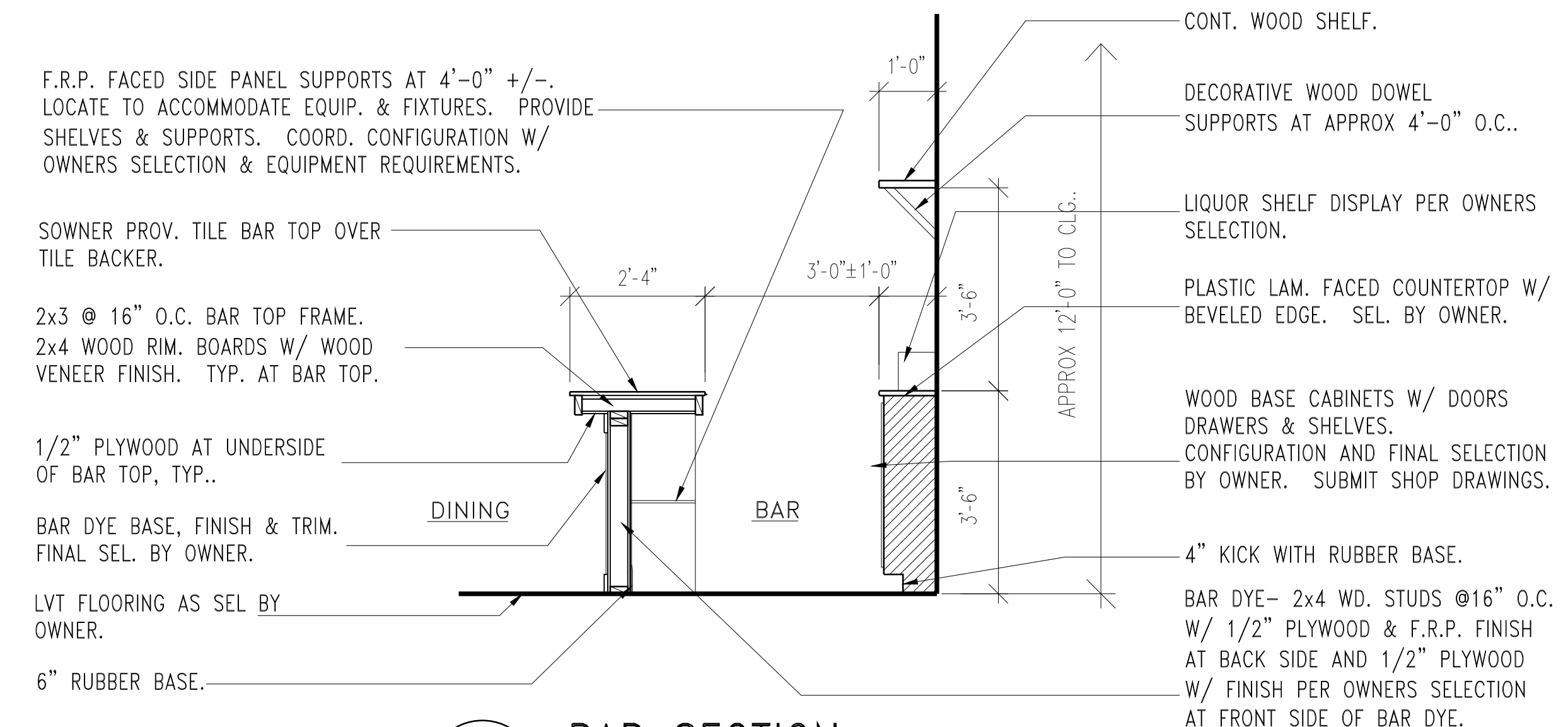
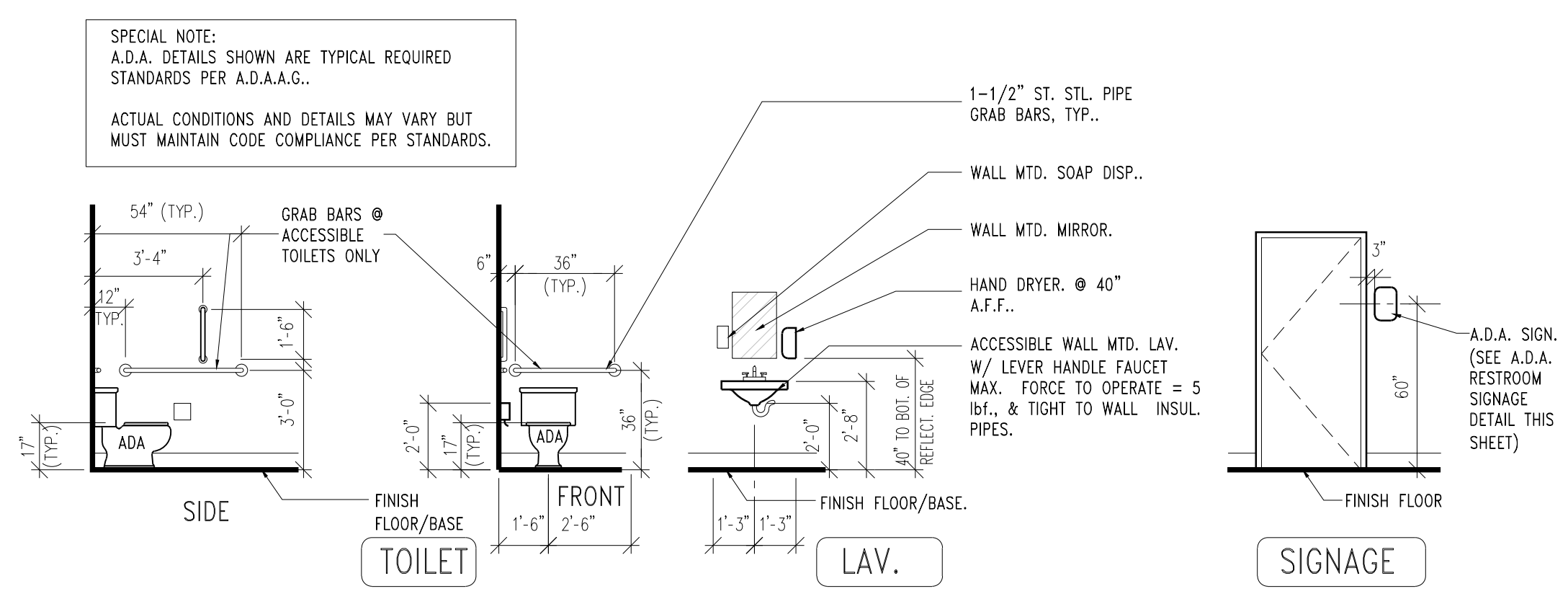
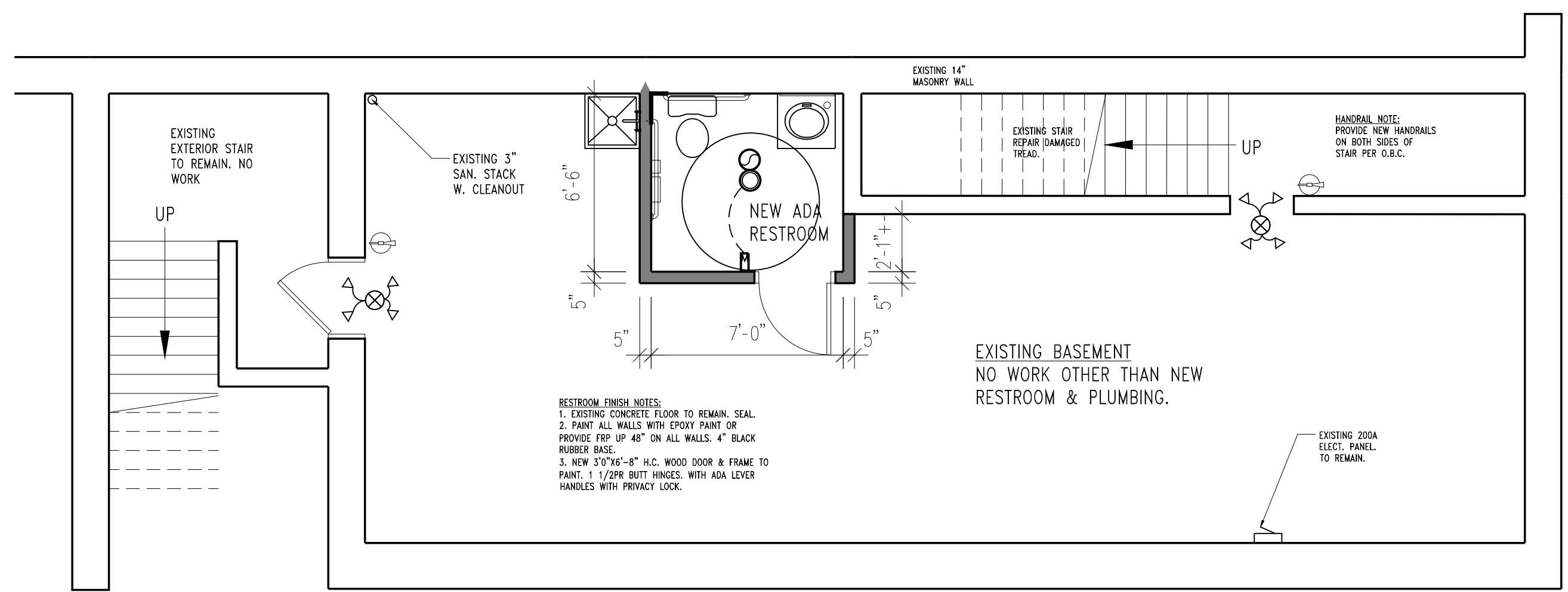
Seal



GARY FISCHER LICENSE #8826  
EXPIRATION DATE 12/31/2025



MARK	DESCRIPTION
Ⓜ	ARC-FAULT DUPLEX RECEPTACLE MOUNTING AT36" A.F.F.
Ⓤ	USB RECEPTACLE MOUNT UNDER BAR FRONT
Ⓜ	DUPLEX RECEPTACLE - GROUND FAULT INTERRUPTER TYPE. (NOTE NEMA TYPE ON DWGS.)
Ⓜ	EXISTING CIRCUIT BREAKER PANEL. TRACE ALL CIRCUITS & PROV. TYPED PANEL SCHEDULE.
Ⓜ	EXISTING CIRCUIT BREAKER PANEL. TRACE ALL CIRCUITS & PROV. TYPED PANEL SCHEDULE.
Ⓜ	75CFM EXHAUST FAN VENTED TO EXTERIOR THROUGH REAR WALL WITH BACK DRAFT DAMPER.
Ⓜ	OCCUPANCY ACTIVATED LIGHT SWITCH ASSEMBLY BY LITHONIA: MODEL-WSD PDT NGX WH LT OR APPROVED EQUAL.
Ⓜ	RECESSED, LED CEILING CAN LIGHT TYP.
Ⓜ	NEW LED EMERGENCY AND EXIT LIGHT COMBO WITH 90 MIN BATTER BACK UP
NOTE: ALL LIGHTING AND OUTLETS ARE EXISTING UNLESS OTHERWISE NOTED. ONLY NEW OUTLETS AND LIGHTING ARE SHOWN.	



FISCHER & ASSOCIATES  
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ISSUE: DATE:  
OWNER REVIEW 11/30/25  
PERMIT 12/11/25

Client Name/Project Name/Address

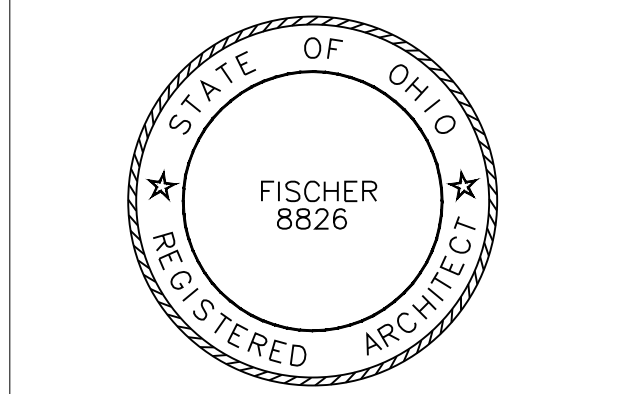
CINI  
(BAR INSTALLATION)  
16806 Madison Ave.  
Lakewood, Ohio 44017

Drawing Name  
PLANS, ELEVATION, DETAILS.

Fischer Project Number  
25.073  
SHEET #

A-100

Seal

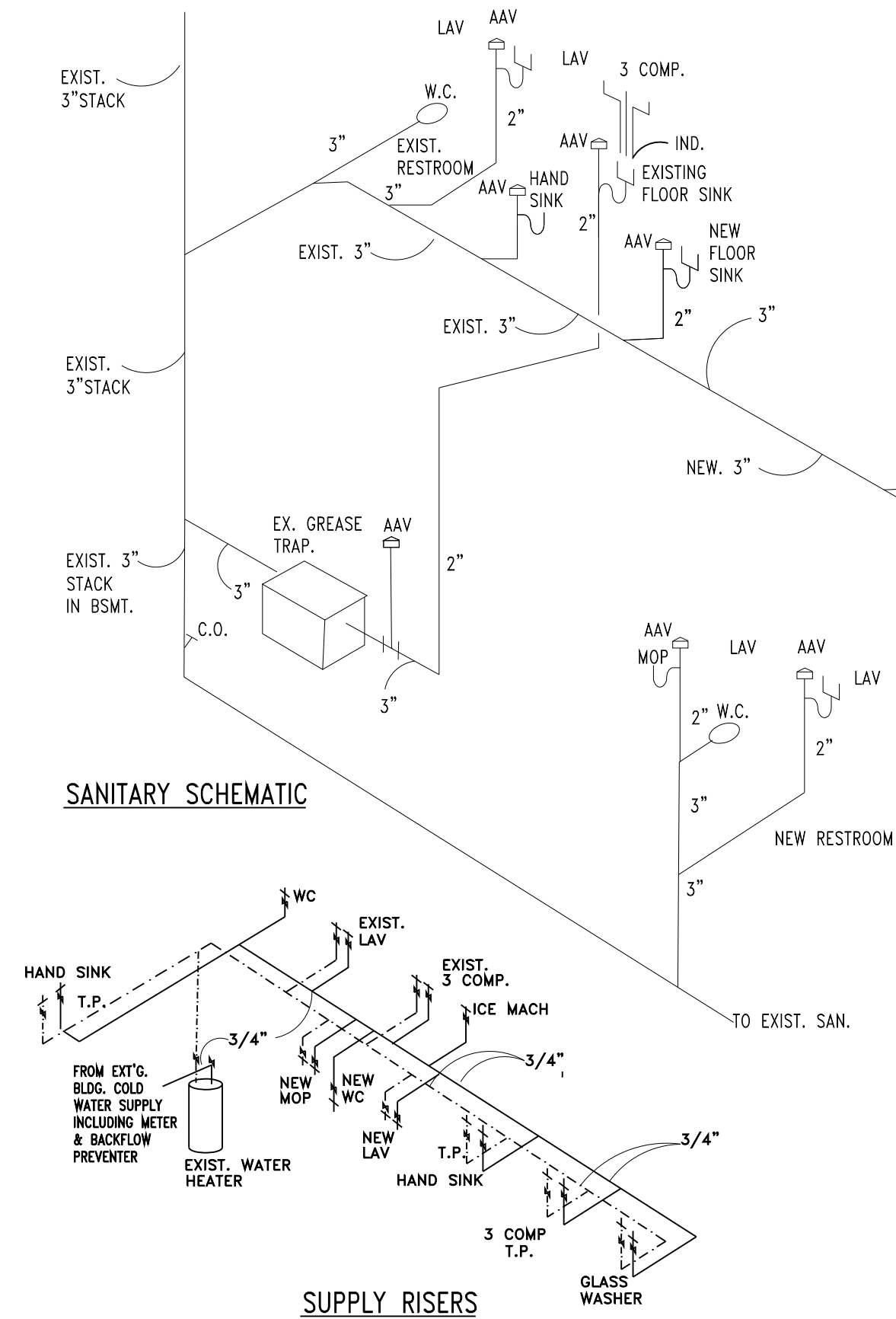


GARY FISCHER LICENSE #8826  
EXPIRATION DATE 12/31/2025

Project Name: CINI  
 Project No: \_\_\_\_\_ Date: \_\_\_\_\_ Feeder: \_\_\_\_\_  
 Panel: EX. PANEL TO REMAIN Fed From: EX. METER Conduit: \_\_\_\_\_

Voltage & Phase		Mounting		MLO-or-Main Breaker: 100A	
<input checked="" type="checkbox"/> 120/208-1Ø	<input type="checkbox"/> 120-1Ø	<input checked="" type="checkbox"/> Surface	<input type="checkbox"/> A.I.C. Rating	Panel Rating: 100A	
<input type="checkbox"/> 120/240-1Ø	<input type="checkbox"/> 208-1Ø	<input type="checkbox"/> Flush	<input type="checkbox"/> Sub Feed Lugs	<input type="checkbox"/> Top Feed	<input type="checkbox"/> Bottom Feed
<input type="checkbox"/> 240-1Ø	<input type="checkbox"/> 480-1Ø	<input type="checkbox"/> Semi	<input type="checkbox"/> Feed-Thru Lugs		
Manufacturer: Square D or Equal Model: _____			Serial: _____		
Notes:					
Description	Brk	Phase	Brk	Description	
EXISTING DINING ROOM OUTLETS	20	1 A	20	EXISTING DINING ROOM LIGHTING	
KITCHENETTE COOLER OUTLET	20	3 B	4 20	BAR COOLER OUTLET	
KITCHENETTE COOLER OUTLET	20	5 A	6 20	BAR USB OUTLETS	
ICE MACHINE OUTLET	20	7 B	8 20	FRONT DISPLAY WINDOW LIGHTS	
KITCHEN COUNTER OUTLET NORTH	20	9 A	10 20	KITCHEN COUNTER OUTLET SOUTH	
KITCHEN COUNTER OUTLET MIDDLE	20	11 B	12 30	MINI-SPLIT THROUGH-WALL UNIT	
EXISTING RESTROOM FAN / LIGHT	20	13 A	14		
EXISTING BASEMENT LIGHTS	20	15 B	16 20	NEW RESTROOM FAN / LIGHT	
EXISTING BASEMENT OUTLETS	20	17 A	18	SPARE	
GLASS WASHER	30	19 B	20	SPARE	
		21 A	22	SPARE	
SPARE		23 B	24	SPARE	
SPARE		25 A	26	SPARE	
SPARE		27 B	28	SPARE	
SPARE		29 A	30	SPARE	
SPARE		31 B	32	SPARE	
SPARE		33 A	34	SPARE	
SPARE		35 B	36	SPARE	
SPARE		37 A	38	SPARE	
SPARE		39 B	40	SPARE	
SPARE		41 A	42	SPARE	

NOTE:  
 ELECTRICAL PANEL IS EXISTING &  
 PREVIOUSLY INSPECTED AND APPROVED.  
 ELECTRICAL CONTRACTOR SHALL TRACE  
 ALL CIRCUITS & RE-BALANCE PANEL.  
 PROVIDE NEW TYPED SCHEDULE.



**PLUMBING DIAGRAM NOTES:**  
 PLUMBING SUPPLY LINES SHALL BE 1/2" U.O.N.  
 PLUMBING VENT LINES SHALL BE 1/2" U.O.N.  
 VENT ALL PLUMBING STACKS TO 3" V.T.R. U.O.N.  
 ALL WASTE PIPING UNDER SLABS SHALL 3" U.O.N.  
 PROVIDE 1/4" TRAP PRIMER TO ALL FS & FD U.O.N.  
 INDIRECT DRAIN:  
 RUN INDIRECT WASTE FULL SIZE FROM EQUIPMENT TO NEAREST FD TO FS (SAFESTASTE CONNECTION). TYP. AS INDICATED AND AS REQUIRED BY CODE.  
 GREASE INTERCEPTOR:  
 EXISTING 3/4" GREASE TRAP TO REMAIN.  
 TEMPERING VALVES:  
 SINKS USED FOR HANDWASHING SHALL BE FITTED WITH ANTI-SCALD VALVES PER OHIO PLUMBING CODE.  
 SUPPLY PIPING:  
 COPPER OR PEX MAY BE USED WHERE ALLOWED BY CODE.

PLUMBING DIAGRAMS

EQUIPMENT SCHEDULE												
ITEM NO.	QTY	EQUIPMENT CATEGORY	MANUFACTURER	MODEL NUMBER	VOLTS	PHASE	AMPS	HP	NEVA	PLUG	GAS SIZE (IN)	MBTUH
1	1	UNDER COUNTER REACH IN REFRIGERATOR	TRUE	TUC-60-HC 60" W	115	1	4	.25	5-15P	X		
2	1	5'0"x2'6" WORK COUNTER OVER REFRIG.	TRUE	TS-23F-FLX-HC 28 15/16"	115	1	4	.25	5-15P	X		
3	1	EXISTING WALL MTD. HAND SINK/FAUCET										0.5 0.5 1.5
4	1	ICE BIN	KROHNE	0208 30" x 15"								0.5 1.5
5	1	GLASS WASHER	Mo-Tek	MD-GW-HTB2P	208	1	16	1/3				3/4" 2
6	1	EXISTING 3 COMPARTMENT SINK/FAUCET										0.5 0.5 2
7	1	EXISTING GREASE TRAP	ZURN									3
8	1	TABLE/PREP SINK/FAUCET/DIVIDER SHIELD										0.5 0.5 2
9	1	UNDER BAR/3 COMPARTMENT SINK/FAUCET										0.5 0.5 2
10	1	UNDER BAR HAND SINK/FAUCET										0.5 0.5 1.5
11	1	ICE MAKER	MANITOWOK		115		15					0.5 1.5 3
12	1	UNDER BAR BEVERAGE COOLER	TRUE	TUC-60-HC 60" W	115	1	4	0.8	5-15P	X		

**SPECIAL COMMERCIAL KITCHEN & DINING SERVICE EQUIPMENT NOTES:**  
 REFERENCE FLOOR PLAN THIS SHEET FOR LOCATION OF ALL COMMERCIAL KITCHEN, DINING SERVICE AND BAR EQUIPMENT & FIXTURES.  
 ALL COMMERCIAL KITCHEN, DINING SERVICE AND BAR EQUIPMENT AND ACCESSORIES SHALL BE SELECTION BY OWNER AND INSTALLED BY CONTRACTOR. COORDINATE WITH COMMERCIAL EQUIPMENT DESIGNER/SUPPLIERS' SHOP DRAWINGS & CUT SHEET BOOK FOR DETAILED INFORMATION.  
 FIXTURE AND EQUIPMENT LOCATIONS SHOWN ARE SCHEMATIC IN NATURE. COORDINATE FINAL CONFIGURATION & LOCATIONS WITH OWNER PRIOR TO BID SUBMISSION.  
 CONTRACTOR SHALL COORDINATE FINAL SELECTED COMMERCIAL KITCHEN AND DINING SERVICE EQUIPMENT, MILLWORK AND ACCESSORIES WITH AFFECTED TRADES AND MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS TO INSURE PROPER MECHANICAL AND ELECTRICAL CONNECTIONS AND INSTALLATION.  
 REFERENCE MECHANICAL, PLUMBING AND ELECTRICAL ENGINEERING DRAWINGS FOR CONNECTION DETAILS.  
 ALL NEW KITCHEN EQUIPMENT BASES REQUIRED SHALL BE CONFIGURATION AND FINAL SELECTION BY OWNER. SUBMIT SHOP DRAWINGS. TYP. U.O.N.  
 CONTRACTOR SHALL PROVIDE 2" GAS MANIFOLD WITH DIRT LEG. PROVIDE QUICK CONNECT FITTING FOR EACH PIECE OF GAS KITCHEN EQUIPMENT. PROVIDE AUTO MAIN DISCONNECT IN COORDINATION WITH KITCHEN HOOD FIRE SUPPRESSION SYSTEM, TYP. FOR EACH PIECE OF KITCHEN EQUIPMENT.

SPECIFICATIONS - ELECTRICAL WORK

THE GENERAL CONDITIONS OF THE CONTRACT, THE SUPPLEMENTARY CONDITIONS AND ALL THE SECTIONS OF DIVISION 1, TOGETHER WITH THE FOLLOWING SPECIFICATIONS ARE A PART OF THE CONTRACT FOR THE WORK COVERED HEREIN. PROVIDE AS-BUILT DRAWINGS. GUARANTEE ALL MATERIAL AND LABOR FOR ONE YEAR FROM DATE OF PROJECT ACCEPTANCE BY OWNER. REPAIR ALL DEFECTIVE MATERIAL AT NO CHARGE DURING GUARANTEE PERIOD.  
 THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE TO FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS. NO ADDITIONAL COMPENSATION SHALL BE AWARDED WHERE EXTRA LABOR OR MATERIAL ARE REQUIRED BECAUSE OF UNFAMILIARITY.  
 ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES AND ORDINANCES. THE ELECTRICAL CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND INSPECTIONS REQUIRED TO PERFORM THE ELECTRICAL WORK.  
 THE DRAWINGS INDICATE DIAGRAMMATICALLY THE LOCATION OF ELECTRICAL DEVICES, EQUIPMENT AND FIXTURES, AND THE METHOD OF CONNECTION. THE DRAWINGS DO NOT INDICATE EVERY CONNECTION IN DETAIL OR ALL FITTINGS FOR A COMPLETE SYSTEM. MATERIAL OR LABOR WHICH IS NOT INDICATED ON THE DRAWINGS OR INCLUDED IN THE SPECIFICATIONS, BUT IS ABSOLUTELY NECESSARY TO COMPLETE THE WORK, SHALL BE PROVIDED.

BRING CONFLICTS TO THE ATTENTION OF THE ARCHITECT FOR RESOLUTION BEFORE SIGNING THE CONTRACT OR PROCEEDING WITH THE WORK. FAILURE TO NOTIFY THE ARCHITECT IN WRITING WILL CAUSE THE ARCHITECT'S INTERPRETATION OF THE CONTRACT DOCUMENTS TO BE FINAL.  
 THE ELECTRICAL CONTRACTOR SHALL REFER TO PLANS AND SPECIFICATIONS OF THE OTHER TRADES FOR ELECTRICAL WORK PERTAINING TO THE INSTALLATION OF OTHER TRADES. COORDINATE WITH THE GENERAL CONTRACTOR AND OTHER SUBCONTRACTORS TO RESOLVE INTERFERENCE'S WITHOUT ADDITIONAL COST TO THE OWNER.

THE SCOPE OF WORK SHALL INCLUDE BUT NOT BE LIMITED TO:  
 A) POWER BRANCH CIRCUIT PANELBOARDS, FEEDERS, CONDUIT, BRANCH CIRCUITS, OUTLETS AND WIRING.  
 B) LIGHTING FIXTURES, LAMPS, MOUNTING HARDWARE, CONDUIT & WIRING.  
 C) EMERGENCY LIGHTING INCLUDING TESTING.  
 D) ALL EXCAVATION, CONCRETE AND BACKFILL WORK; ALL CHANNELING, CONCRETE PATCHING WORK REQUIRED FOR ELECTRICAL WORK EXCLUSIVELY.  
 E) NECESSARY CABINETS AND PULL BOXES.  
 F) CONNECTION OF ALL HVAC AND PLUMBING EQUIPMENT PER MANUFACTURER'S DRAWINGS. REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS.  
 G) TEMPORARY CONSTRUCTION POWER AND LIGHTING TO ACCOMMODATE ALL TRADES.  
 H) GROUNDING OF ALL SYSTEMS AND EQUIPMENT.

ALL EQUIPMENT AND MATERIAL SHALL BE NEW AND BEAR UL LABELS AND LISTINGS.  
 SUBMIT 6 SETS OF SHOP DRAWINGS FOR ALL EQUIPMENT PRIOR TO ORDERING FOR THE PROJECT.  
 COORDINATE WORK WITH THE OTHER TRADES FOR SPACE REQUIREMENTS, DISCREPANCIES OR CONFLICT OF WORK. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING AND PATCHING REQUIRED FOR THE INSTALLATION OF THE ELECTRICAL WORK. VERIFY EXACT LOCATIONS OF DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN.

CONDUIT SHALL BE E.M.T. WITH SET SCREW FITTINGS CONCEALED ABOVE GRADE. CONDUIT SUPPORTS, FASTENERS, ETC. SHALL BE GALVANIZED AND CORROSION RESISTANT. SUPPORT CONDUIT FROM BUILDING STRUCTURE ONLY. DO NOT USE CEILING HANGER WIRES OR ROOF DECK FOR SUPPORT. THE USE OF PERFORATED METAL STRIPS IS NOT PERMITTED ON THE PROJECT. INSTALL PULL WIRES IN EMPTY OR FUTURE USE CONDUITS. TYPE MC CABLE MAY BE USED FOR BRANCH CIRCUIT WIRING WHERE PERMITTED BY AUTHORITY HAVING JURISDICTION. HOWEVER, RUNS TO PANELBOARDS SHALL BE E.M.T. CONDUITS INSTALLED BELOW GRADE OR FLOOR SLAB SHALL BE PVC SCHEDULE 40 WITH RGS-UL-6 TRANSITION PRIOR TO EXITING ABOVE GRADE. PROVIDE & INSTALL YELLOW MARKER TAPE IN ALL EXTERIOR CONDUIT TRENCHES, 12" BELOW GRADE. ABSOLUTELY NO PVC SHALL BE PERMITTED ABOVE FLOOR LINE WITHIN BUILDING. TYPE IM CABLE IS NOT PERMITTED ON THE PROJECT. OUTLET BOXES IN DRY LOCATIONS SHALL BE GALVANIZED STEEL TYPE, 1-1/2" DEEP MINIMUM. SINGLE OR GANG STYLE OF SIZE TO ACCOMMODATE DEVICES NOTED. BOXES SHALL BE EQUIPPED WITH PLASTER RINGS AS NECESSARY.

FLEXIBLE METAL CONDUIT FOR FIXTURE CONNECTION SHALL BE 3/8" MINIMUM SIZE. HVAC AND PLUMBING EQUIPMENT CONNECTIONS SHALL BE LIQUID TIGHT FLEXIBLE METAL CONDUIT, 1/2" MINIMUM SIZE.

FIRE STOP ALL FIRE RATED FLOOR AND WALL PENETRATIONS PER UL APPROVED METHOD, SUCH AS RTV FOAM (NON-DELETERIOUS), CONDUIT STUBS FOR TELEPHONE SHALL BE SEALED BY ELECTRICAL CONTRACTOR WITH RTV FOAM AFTER CABLE INSTALLATION BY RESPECTIVE CONTRACTORS. RACEWAY PASSING FROM THE INTERIOR TO THE EXTERIOR OF THE BUILDING SHALL BE FILLED WITH AN APPROVED MATERIAL TO PREVENT THE CIRCULATION OF WARM AIR TO A COLDER SECTION OF THE RACEWAY.

WIRE SHALL HAVE SOLID OR STRANDED COPPER CONDUCTORS FOR #10 AND #12 WIRE AND STRANDED COPPER CONDUCTORS FOR WIRE #8 AND LARGER. WIRE SHALL HAVE GOODULY TIGHT/THIN INSULATION. MINIMUM SIZE WIRE SHALL BE #12 AWG. TAG ALL CONDUCTORS AT TERMINATIONS AT JUNCTION BOXES WITH BRADY LABELS. TORQUE TERMINATION'S PER MANUFACTURER'S RECOMMENDATIONS.

COLOR CODE WIRING AS FOLLOWS: 240/120 VOLTS  
 BLACK B WHITE N  
 RED A GREEN G

PANEL DIRECTORIES SHALL BE TYPED, PROVIDED AND INSTALL ENGRAVED PHENOLIC NAME PLATES FOR MOTOR STARTERS, PANELBOARDS, SAFETY SWITCHES, ETC.  
 TEST WIRING SYSTEMS FOR SHORTS AND GROUNDS PRIOR TO ENERGIZING CIRCUITS. CONNECT ALL HVAC EQUIPMENT PER APPROVED MANUFACTURER'S DRAWINGS.  
 TEMPERATURE CONTROL WIRING, CONDUIT AND DEVICES SHALL BE FURNISHED AND INSTALLED BY HVAC CONTRACTOR. SEE MECHANICAL SPECIFICATIONS.

ALL EQUIPMENT INSTALLED ON EXTERIOR SHALL BE WEATHERPROOF. EXTERIOR BUILDING DEVICES AND FIXTURES SHALL BE SECURED WITH STAINLESS STEEL SCREWS, PENETRATE ROOF, WHERE NECESSARY, WITH PATE CURBS. COORDINATE LOCATION WITH ARCHITECT AND ROOFING CONTRACTOR.

VERIFY CEILING CONSTRUCTION WITH THE GENERAL CONTRACTOR & COORDINATE LIGHT FIXTURE MOUNTING WITH CEILING CONSTRUCTION. SUPPORT ALL RECESSED LIGHTING FIXTURES INDEPENDENTLY OF CEILING SUSPENSION SYSTEMS. INSTALL LIGHT FIXTURES TO PRECLUDE CONTACT WITH INSULATION MATERIAL.

SPECIFICATIONS - MECHANICAL WORK (CONTINUED)

2. PLUMBING & ACCESSORIES  
 A. SANITARY WASTE & VENT PIPING & FITTINGS SHALL BE PVC SCHEDULE 40 DRINK PIPE AND FITTINGS WITH SOLVENT WELD JOINTS. PLASTIC PIPE IS NOT PERMITTED IN RETURN AIR CEILING PLENUMS. WASTE AND VENT PIPING IN RETURN AIR PLENUM AND WHERE PVC IS NOT ALLOWED SHALL BE "NO-HUB" CAST IRON STANDARD WEIGHT WITH CAST IRON FITTINGS.  
 B. DOMESTIC WATER: COPPER TYPE "L" HARD, WITH WROUGHT COPPER FITTINGS, 95-5 SOLDER JOINTS, 2" AND SMALLER UNDER FLOOR SHALL BE TYPE "K" SOFT COPPER OR PEX.  
 C. VALVES: GATE - 2" AND SMALLER CRANE #428, GLOBE - 2" AND SMALLER CRANE #7, CHECK VALVE - 2" AND SMALLER CRANE #37, GAS COCK - CRANE #1228. EQUIVALENT VALVES BY POWELL OR FAIRBANKS ARE ACCEPTABLE.  
 D. HANGERS: INSULATED HANGERS - GRINNELL FIGURE 260. PROVIDE 18 GAUGE GALVANIZED STEEL SHIELD OVER INSULATION. UNINSULATED HANGERS - GRINNELL FIGURE 260, SPACED AT 10'-0" O.C. FOR PIPES 1-1/2" AND LARGER AND 6'-0" O.C. FOR PIPES 1-1/4" AND SMALLER.  
 E. SLEEVES: PROVIDE SLEEVES FOR ALL PIPES PASSING THROUGH WALLS AND FLOORS, SCHEDULE 40, MACHINE CUT PIPE. SLEEVE SIZED TO PROVIDE MINIMUM 1/4" CLEARANCE ON ALL SIDES OF INSULATED AND NON-INSULATED PIPES, WITH ENDS OF SLEEVES PARTITION FACE. THE VOID BETWEEN SLEEVE AND PIPE SHALL BE SEALED WITH NON-COMBUSTIBLE MATERIAL TO MAINTAIN INTEGRITY OF FIRE RATING.  
 F. PLUMBING FIXTURES: FURNISH AND INSTALL PLUMBING FIXTURES COMPLETE WITH TRIM, HANGERS, CARRIERS, TRAPS, SUPPLIES, STOP VALVES, ANCHORS, AND SUPPORTS. EXPOSED TRIM SHALL BE CHROME PLATED. PROVIDE CHROME PLATED ESCUTCHEONS AT ALL PIPES PENETRATING WALLS, FAUCETS SHALL HAVE RENEWABLE SEATS AND DISCS. FLUSH VALVES SHALL HAVE STOPS, VACUUM BREAKERS AND METAL HANDLES. FIXTURES SHALL BE KOHLER, CRANE OR AMERICAN STANDARD.  
 1. FLOOR SINK: DATEY Floor Sink: 12 in WITH DRAIN SIEVE.  
 2. CLEANOUT: FLUSH FLOOR TYPE JOSAM #58000 SATIN NIKALLOY TOP AND MARKED "C.O.". WALL CLEANOUTS SHALL BE JOSAM #58770 WITH SQUARE ACCESS COVER, POLISH NIKALLOY FINISH.  
 3. SHOCK ABSORBERS: PROVIDE AND INSTALL ON BRANCH WATER LINE TO EACH GROUP OF FIXTURES A FACTORY-BUILT SHOCK ABSORBER TO PREVENT WATER HAMMER. ZURN Z-17W, JOSAM OR J.R. SMITH.  
 G. TRAP PRIMER: PRECISION PLUMBING PRODUCTS, INC. MODEL "OREGON #1", ZURN OR JOSAM. UNIT SHALL BE ASSE APPROVED AND CAPABLE OF SERVING 1 TO 8 FLOOR DRAINS. INSTALL TRAP PRIMER WHERE SHOWN OR AS REQUIRED BY CODES. PRIMER SHALL BE ACCESSIBLE FOR SERVICE AND SHALL HAVE SHUT-OFF VALVE IN SUPPLY LINE FOR ISOLATION. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE TRAP PRIMER FOR ALL FLOOR DRAINS/SINKS SUBJECT TO EVAPORATION PER CODES.  
 H. DOMESTIC WATER SYSTEMS SHALL BE THOROUGHLY FLUSHED AND DISINFECTED BEFORE BEING PUT INTO SERVICE PER METHODS IN AWWA C651-86 PUBLICATION "A PROCEDURE FOR DISINFECTING WATER MAINS", OR AS REQUIRED BY GOVERNING CODE. THE CONTRACTOR SHALL SUBMIT WRITTEN STATEMENT CERTIFYING THAT SYSTEM HAS BEEN PROPERLY FLUSHED, PURGED AND DISINFECTED AND DATE WHEN WORK WAS PERFORMED.

3. H.V.A.C. WORK:  
 1. VENTS AND FLASHING: RUN 3" THROUGH NORTH WALL AT CEILING LINE OF RESTROOMS FOR EXHAUST FAN. TURN METAL PIPE UP AND PROVIDE CAP WITH BACKDRAFT DAMPER.  
 4. INSULATION  
 A. INSULATION SHALL BE TESTED PER ASTM E-84 DESIGNATION AND SHALL MEET THE REQUIREMENTS OF FLAME SPREAD LESS THAN 25 AND SMOKE DEVELOPED LESS THAN 50.  
 B. DOMESTIC HOT AND COLD WATER PIPING SHALL BE INSULATED WITH ONE (1) INCH THICK FIBERGLASS 25 ASJ/SSL. PROVIDE VAPOR BARRIER JACKET FOR COLD WATER PIPING.  
 C. INSTALL INSULATION PER MANUFACTURER'S RECOMMENDATIONS.  
 5. TESTING AND AIR BALANCING  
 A. SANITARY SEWER AND GAS PIPING SHALL BE TESTED AS REQUIRED BY LOCAL PLUMBING CODES.  
 B. ALL WATER PIPING SHALL BE TESTED TO 125 PSIG HYDROSTATIC PRESSURE FOR SIX (6) HOURS BEFORE IT IS CONCEALED.  
 C. AIR BALANCING AND TESTING SHALL BE PERFORMED BY AN INDEPENDENT AGENCY THAT IS A MEMBER OF THE ASSOCIATED AIR BALANCE COUNCIL AND IN ACCORDANCE TO LATEST A.A.B.C. FORMS, COCHRAN AIR BALANCE, KAHOE AIR BALANCE CO., OR PROFESSIONAL BALANCE CO. ARE APPROVED MEMBERS.  
 D. SUBMIT FINAL DATA IN BOUND FORM WITH HARD COVER AFTER COMPLETION OF AIR BALANCING.  
 E. ALL AUTOMATIC TEMPERATURE CONTROLS SHALL BE ADJUSTED AND SET FOR PROPER OPERATION.

FISCHER & ASSOCIATES  
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 ISSUE: \_\_\_\_\_ DATE: \_\_\_\_\_  
 OWNER REVIEW 11/30/25  
 PERMIT 12/11/25

Client Name/Project Name/Address

CINI  
 (BAR INSTALLATION)  
 16806 Madison Ave.  
 Lakewood, Ohio 44017

Drawing Name  
 SPECIFICATIONS, ELECTRICAL INFO,  
 PLUMBING SCHEMATICS

Fischer Project Number  
 25.073  
 SHEET #

A-101

Seal  
  
 GARY FISCHER LICENSE #8826  
 EXPIRATION DATE 12/31/2025



**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

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Application Cover Page

Docket No.: 01-07-26

Permit No.: BBS25-000134

Applicant Name: Jake Szaraz

Project Address: 15501 Madison Ave.

Project Name: Vital Pilates & Wellness

Project: Applicant proposes construction of a second floor addition.



# FIRST FLOOR PLAN

3/8" = 1'-0"

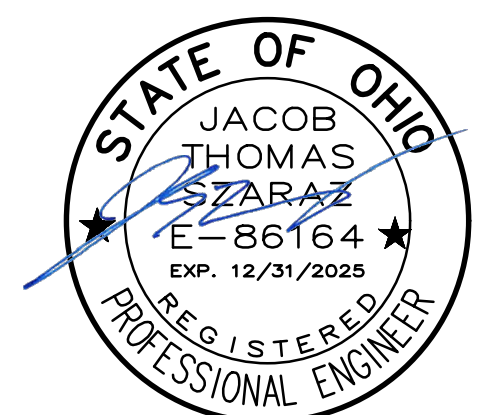


MJM BUILDING STANDARDS INC.

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

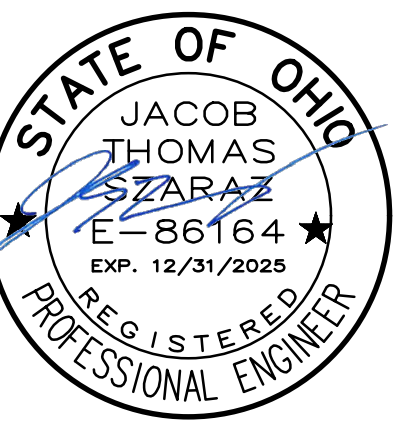
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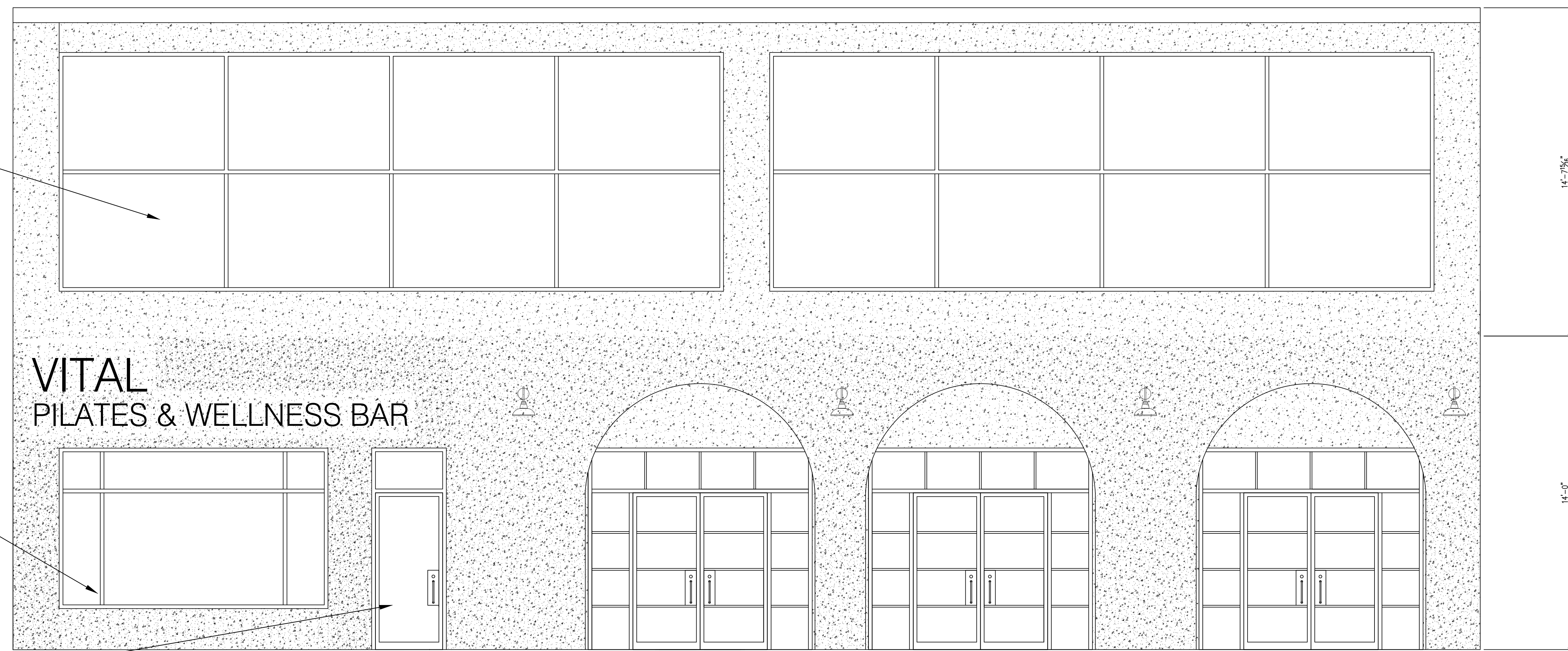
No.	Description	Date

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

SOUTH ELEVATION

Sheet Number:

A2.01



NEW 1" GREY TINTED  
LOW-E GLASS IN BLACK METAL  
FRAMING

VITAL  
PILATES & WELLNESS BAR

RELOCATED WINDOW  
& DOOR

14'-7 1/8"

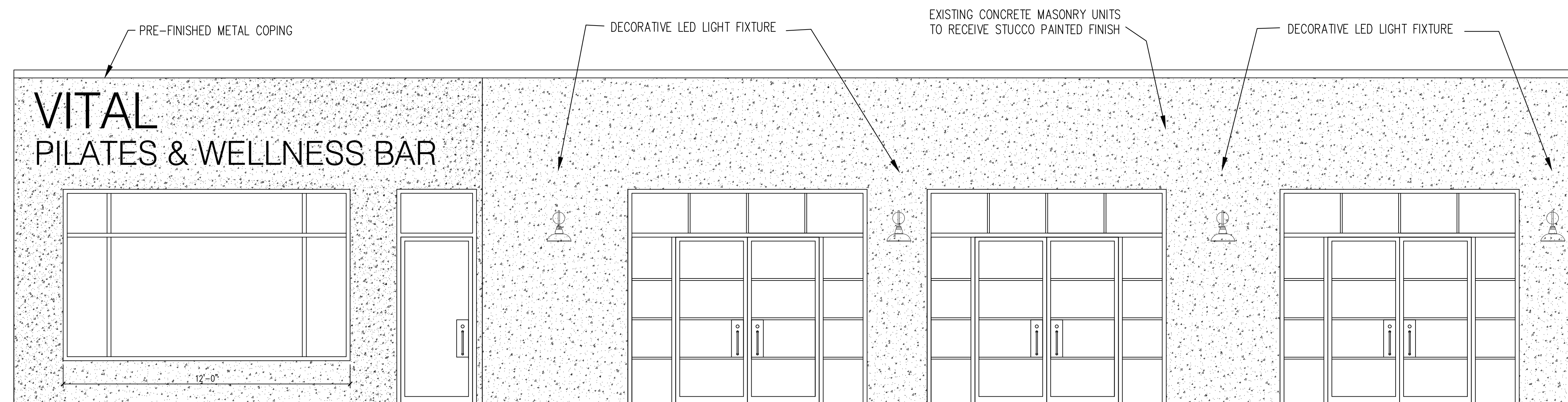
2ND FLOOR ADDITION HEIGHT

14'-0"

EXISTING FIRST FLOOR HEIGHT

## SOUTH ELEVATION

3/8" = 1'-0"



VITAL  
PILATES & WELLNESS BAR

12'-0"

## EXISTING SOUTH ELEVATION

3/8" = 1'-0"

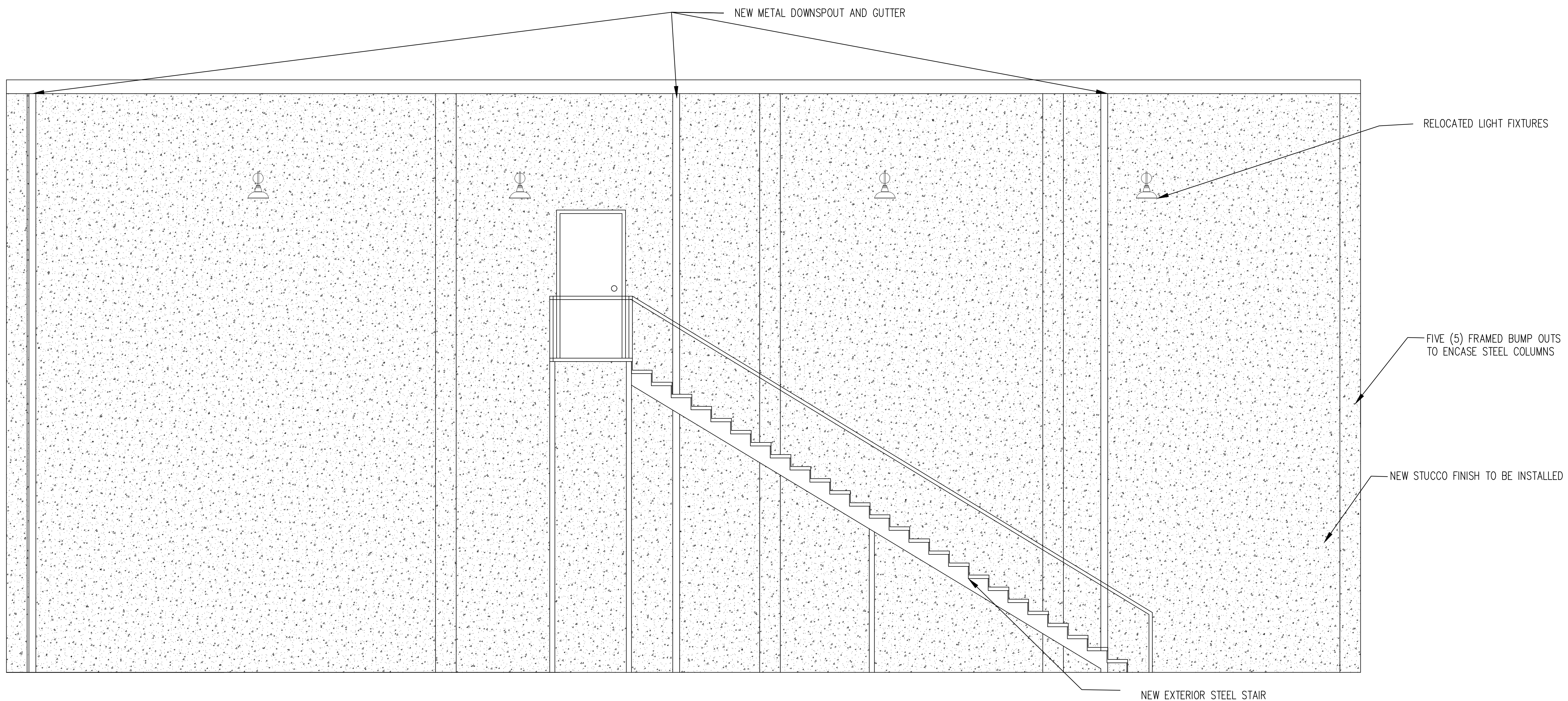


MJM BUILDING STANDARDS INC.

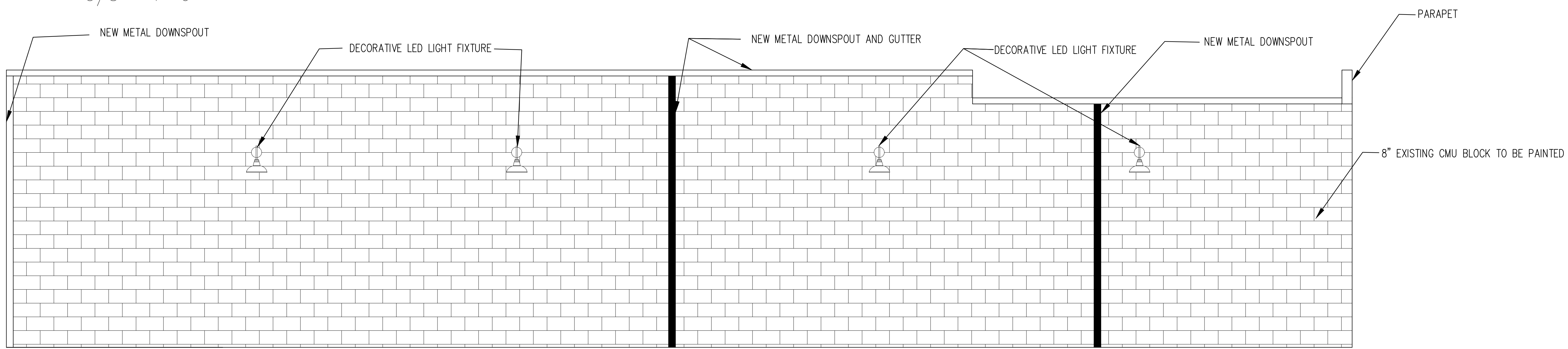
A Project for:

VITAL PILATES ADDITION

15501 MADISON AVE.  
LAKEWOOD OH 44107



**NORTH ELEVATION**  
3/8" = 1'-0"



**EXISTING NORTH ELEVATION**  
3/8" = 1'-0"

No.	Description	Date

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

NORTH ELEVATION

Sheet Number:  
**A2.02**

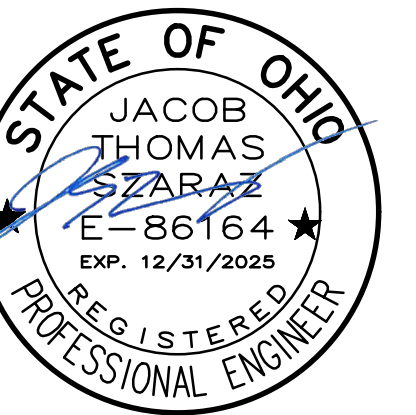


MJM BUILDING STANDARDS INC.

A Project for:

VITAL PILATES ADDITION

15501 MADISON AVE.  
LAKEWOOD OH 44107

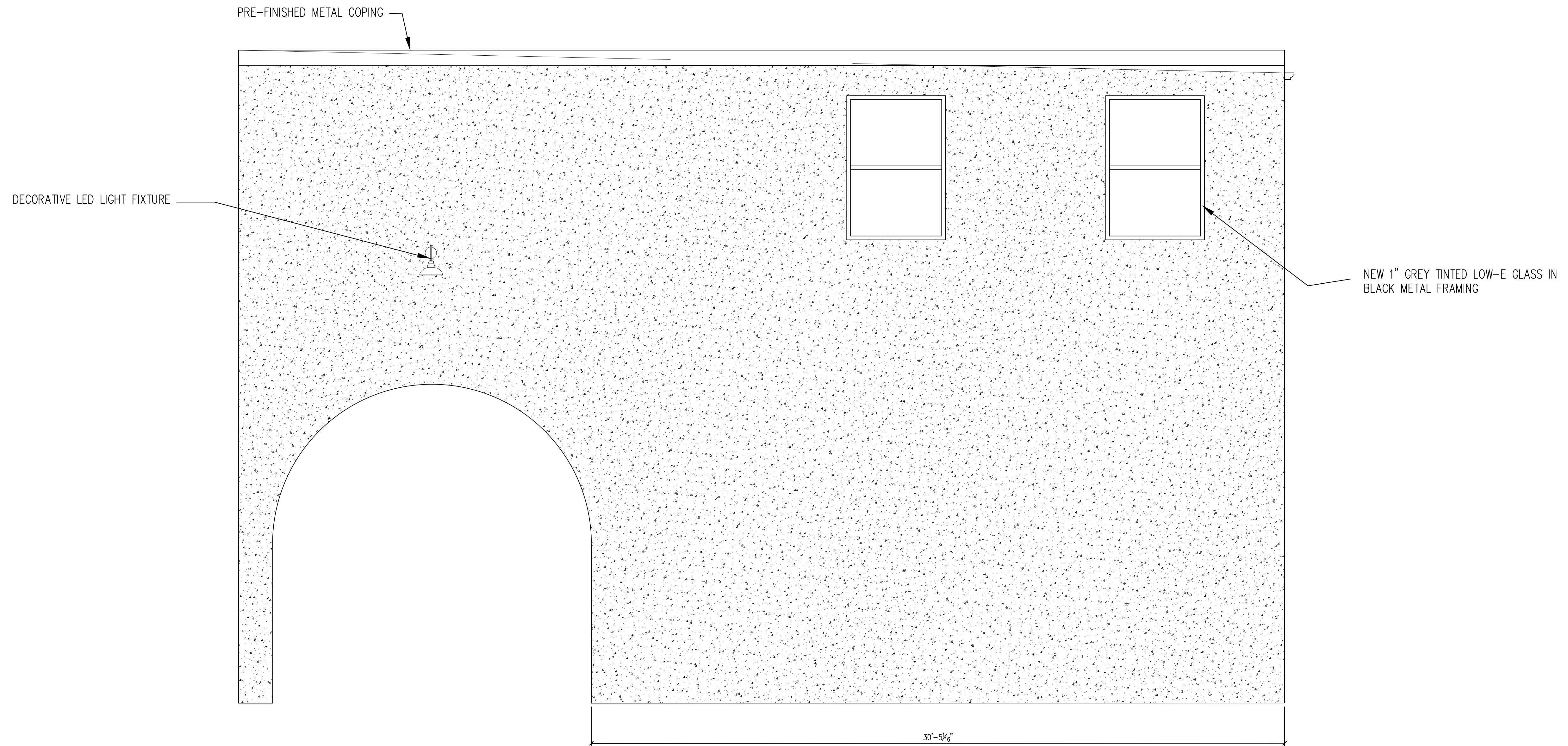


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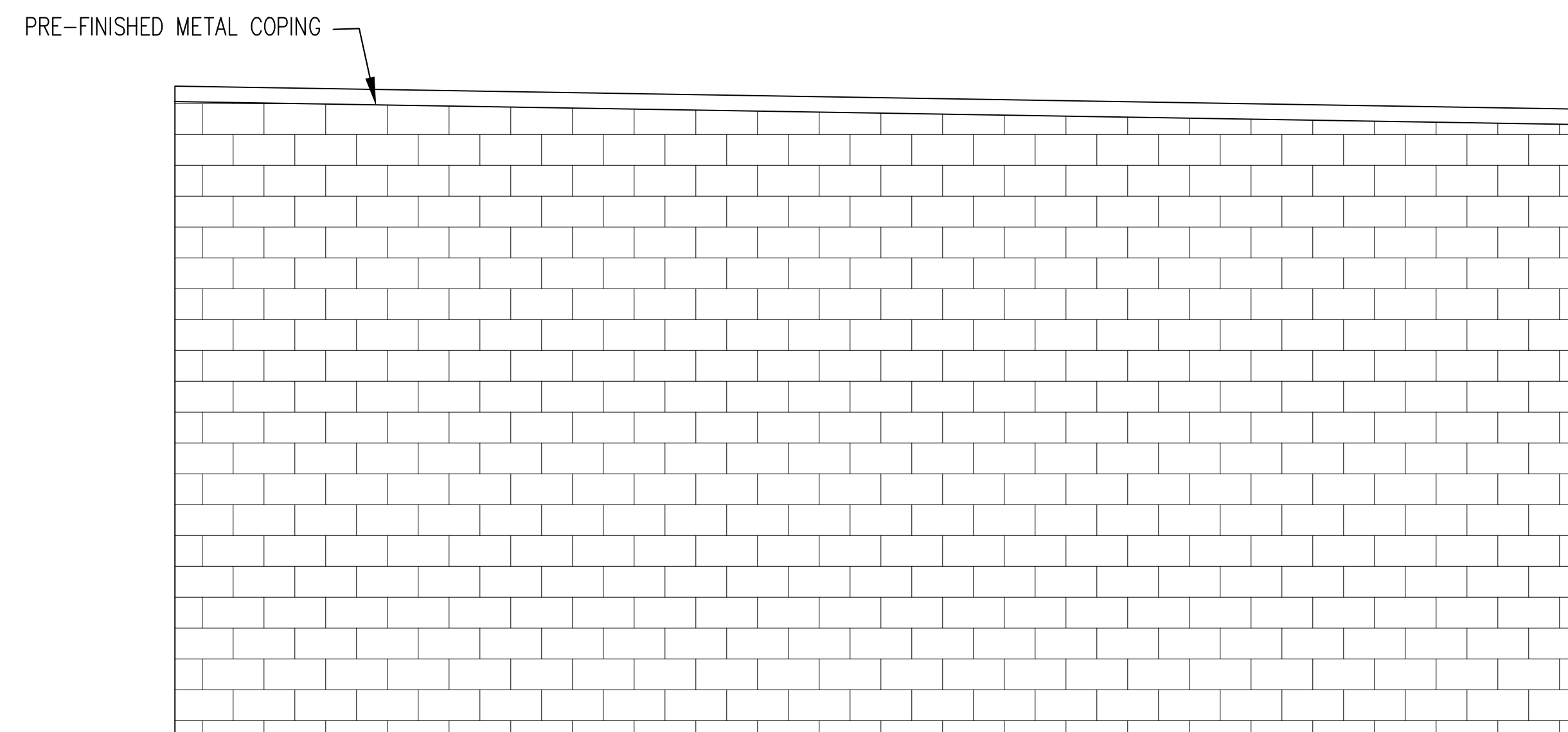
WEST ELEVATION

Sheet Number:  
A2.03



# WEST ELEVATION

3/8" = 1'-0"



# EXISTING WEST ELEVATION

3/8" = 1'-0"

Vital  
Pilates & Wellness Bar



# Vital

PILATES & WELLNESS BAR



# Vital

PILATES & WELLNESS BAR



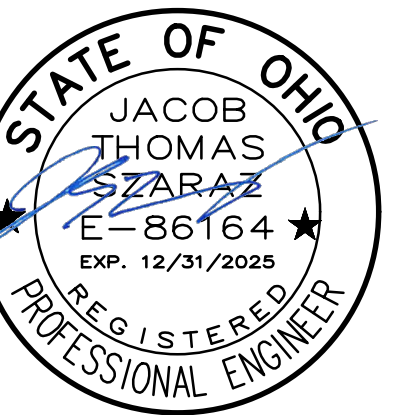


MJM BUILDING STANDARDS INC.

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:

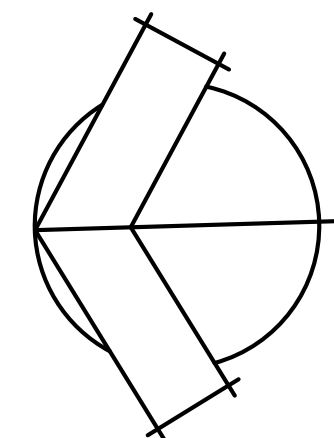
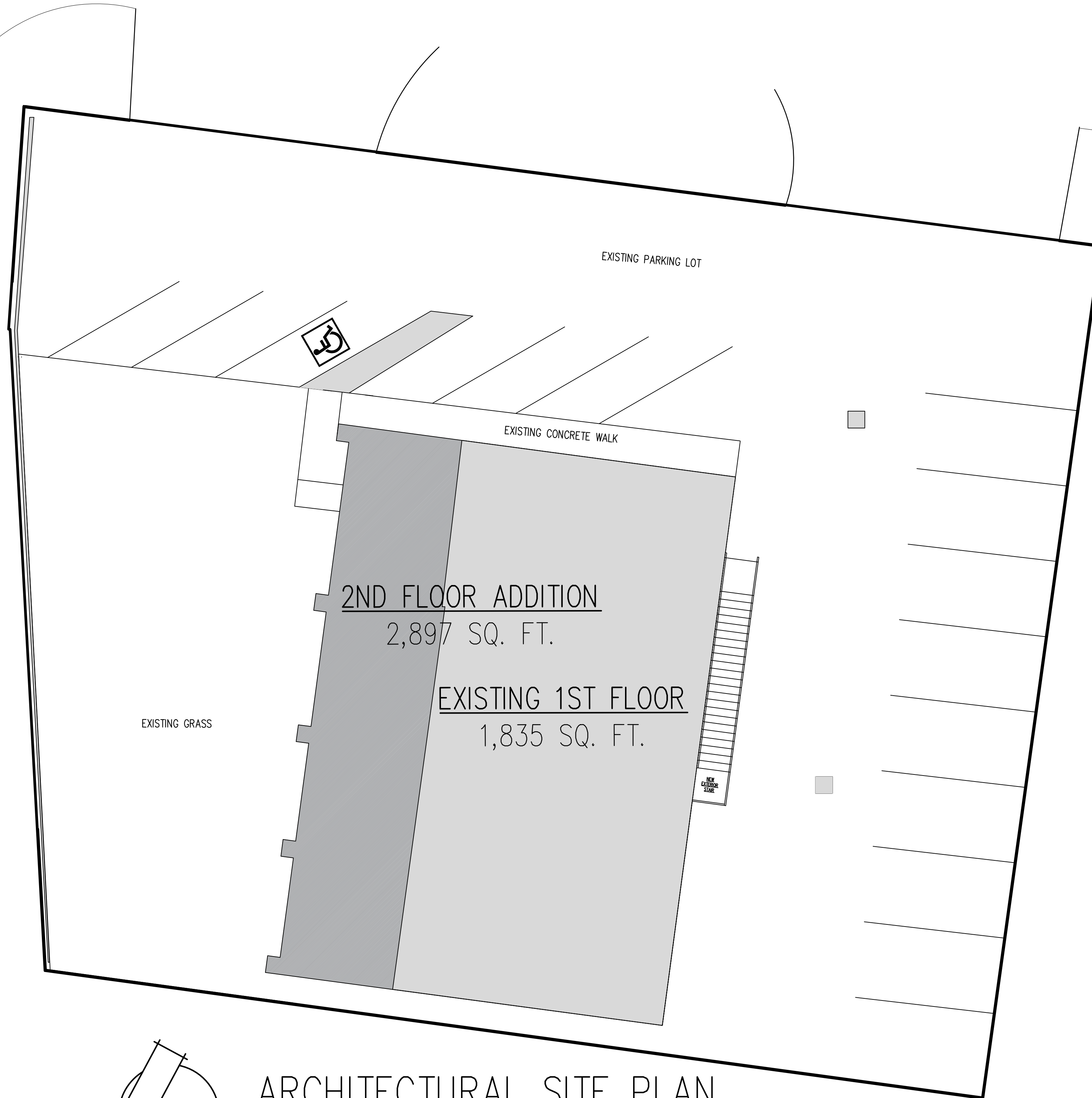
SITE PLAN

Sheet Number:  
SP1.01

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MADISON AVE

ARTHUR AVE.



ARCHITECTURAL SITE PLAN

1/8" = 1'-0"



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

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Application Cover Page

Docket No.: 01-08-26

Permit No.: BBS25-000135

Applicant Name: Jake Szaraz

Project Address: 14819 Lake Ave.

Project Name: N/A

Project: Applicant proposes construction of a front porch addition.

Handwritten signature in blue ink, appearing to read "K. S. S." followed by a long horizontal stroke.





14813

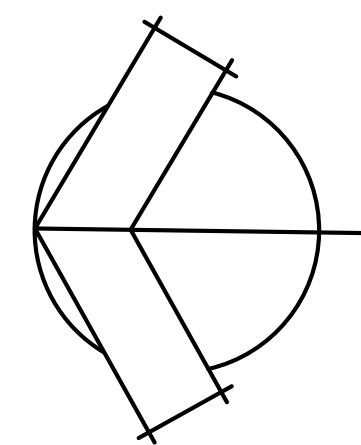
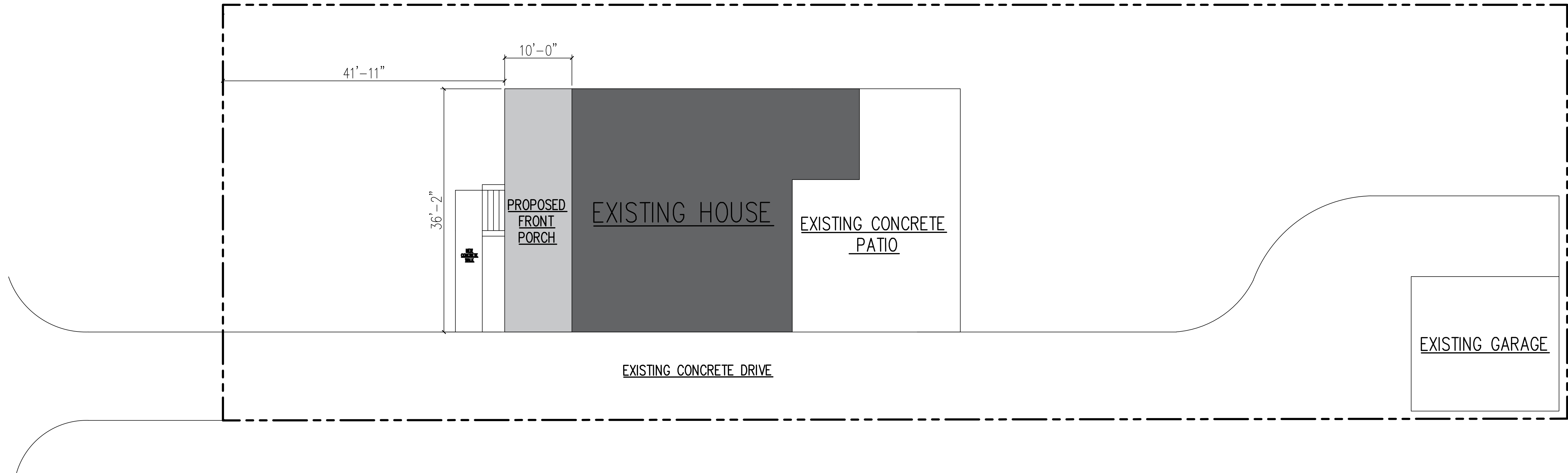


MJM BUILDING STANDARDS INC.

A Project for:

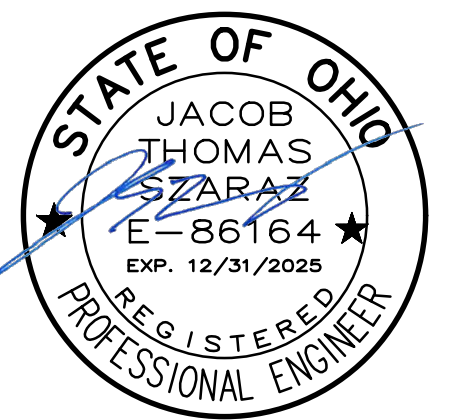
Szaraz Residence  
14819 Lake Ave  
LAKEWOOD OH 44107

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**



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

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planning@lakewoodoh.gov

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Application Cover Page

Docket No.: 01-09-26

Permit No.: BBS25-000136

Applicant Name: Javier Sandate

Project Address: 2007 Carabel Ave.

Project Name: Absolute Legends & Collectibles

Project: Applicant proposes decals and emblems on storefront.

# COMMERCIAL LEASE AGREEMENT

**THE PARTIES.** This Lease Agreement agreed on \_\_\_\_\_ is between:

The **Lessor** is a business entity known as Cerreta Interiors with a mailing address of 3286 Stockholm Rd, Shaker Heights, Ohio, 44120, hereinafter referred to as the "Lessor."

**AND**

The **Lessee** is the business entity known as Absolute Legends And Collectibles, LLC and individuals known as Javier Sandate and Michael Al-Azom, with a mailing address of the Property's Address, hereinafter referred to as the "Lessee."

The Lessor and Lessee hereby agree as follows:

**DESCRIPTION OF LEASED PREMISES.** The Lessor agrees to lease to the Lessee the following described ~750 square feet (SF) of retail space and basement storage located at 2007 Carabel Ave., Lakewood, Ohio, 44107.

Hereinafter referred to as the "Premises".

**USE OF LEASED PREMISES.** The Lessor is leasing the Premises to the Lessee and the Lessee is hereby agreeing to lease the Premises for retail.

Any change in use or purpose of the Premises other than as described above shall be upon prior written consent of Lessor only otherwise the Lessee will be considered in default of this Lease Agreement.

**EXCLUSIVE USE.** The Lessee shall not hold exclusive rights on the Premises. The Lessor shall hold the rights to lease other areas of the Property to any same or like use as the Lessee.

**TERM OF LEASE.** This Lease shall commence on 1 Oct 2025 and expire at Midnight on 30 Sep 2028 ("Full Term").

Payment for the first month, October 2025 will be waived for build-out.

**RENT AMOUNT.** Payment shall be made by the Lessee to the Lessor in the amount of \$1,500.00 for the Initial Term of this Lease Agreement hereinafter referred to as the "Rent."

The amount of internet fees (Additional Terms and Conditions) are \$0.00 to be paid monthly.

**RENT PAYMENT.** The Rent shall be paid under the following instructions:

Rent shall be paid by the Lessee to the Lessor on a per month basis with payment due no later than the 1st of every month.

Rent shall be paid via Zelle:

Zelle: Joshua Cerreta or Cerreta Interiors via [joshua@cerretainteriors.com](mailto:joshua@cerretainteriors.com)

**RETURNED CHECKS (NSF).** If the Lessee attempts to pay Rent with a payment that is not deemed valid by a financial institution due to non-sufficient funds, or any other reason for it to be returned, the Lessee will be subject to a fee of \$50 in addition to any late fee.

**LATE FEE.** The Lessor shall charge a late payment fee if rent is not paid on time in the following amount:

The Lessee shall be charged a late fee in the amount of \$100.00 per occurrence if the rent is not paid after the 5th day payment is due.

**OPTION TO RENEW.** The Lessee shall have the right to renew this Lease Agreement at market rate or as determined by the Landlord.

**EXPENSES.** In accordance with a Gross Lease the responsibility of the expenses shall be attributed to the following:

It is the intention of the Parties, and they hereby agree, that the above mentioned Rent is the entirety of the payment due per month and expenses payable by Lessee to Lessor and Lessee is not obligated to pay any additional expenses including real estate taxes, insurance (other than on the Lessee's personal property) liens, charges or expenses of any nature whatsoever in connection with the ownership and operation of the Premises. The Lessor shall be obligated to maintain the general exterior structure of the Premises and, in addition, shall maintain all major systems such as the heating, plumbing and electrical, except as hereinafter set forth. The Lessee will maintain, at their expense, casualty insurance insuring the leased Premises against loss by fire and negligence. The Lessee shall provide and maintain personal liability and property damage insurance as a lessee and will designate the Lessor as an "also named insured". The Lessee shall provide the Lessor with a copy of such insurance certification or policy prior to the effective date of this Lease, at least to the limits of \$1,000,000.00.

**UTILITIES.** The Lessor shall be responsible for the following utilities on the Premises: Water, Trash, Recycling. Cerreta Interiors pays for one shared dumpster behind the building in the parking lot. The dumpster is emptied twice-weekly. If additional trash removal is required, it is the responsibility of the tenant to dispose of at their own expense.

The second dumpster does not belong to Cerreta Interiors and should not be used.

Dumpsters should not be overloaded (lid must be able to close), and may result in a \$60 overload fee.

**SECURITY DEPOSIT.** A security deposit in the amount of \$1,500.00 shall be due and payable in advance upon the signing of this Lease.

Provided the Premises is returned to the Lessor in the same condition as the Start the Initial Term, less any normal "wear and tear", the Lessee shall have their Security Deposit amount of \$1,500.00 returned within 30 days.

**FURNISHINGS.** The Lessor will not provide any furnishings to the Lessee under this Lease.

**PARKING.** There shall not be any parking provided to the Lessee. Free City Parking is available directly behind the building.

**LEASEHOLD IMPROVEMENTS.** The Lessee agrees that no leasehold improvements, alterations or changes of any nature, (except for those listed on any attached addenda) shall be made to the leasehold Premises or the exterior of the building without first obtaining the consent of the Lessor in writing, which consent shall not be unreasonably withheld, and thereafter, any and all leasehold improvements made to the Premises which become affixed or attached to the leasehold Premises shall remain the property of the Lessor at the expiration or termination of this Lease Agreement. Furthermore, any leasehold improvements shall be made only in accordance with applicable federal, state or local codes, ordinances or regulations, having due regard for the type of construction of the building housing the subject leasehold Premises. If the Lessee makes any improvements to the Premises the Lessee shall be responsible for payment.

Nothing in the Lease shall be construed to authorize the Lessee or any other person acting for the Lessee to encumber the rents of the Premises or the interest of the Lessee in the Premises or any person under and through whom the Lessee has acquired its interest in the Premises with a mechanic's lien or any other type of encumbrance. Under no circumstance shall the Lessee be construed to be the agent, employee or representative of Lessor. In the event a lien is placed against the Premises, through actions of the Lessee, Lessee will promptly pay the same or bond against the same and take steps immediately to have such lien removed. If the Lessee fails to have the Lien removed, the Lessor shall take steps to remove the lien and the Lessee shall pay Lessor for all expenses related to the Lien and removal thereof and shall be in default of this Lease.

**LICENSES AND PERMITS.** A copy of any and all local, state or federal permits acquired by the Lessee which are required for the use of the Premises shall be kept on-site at all times and shall be readily accessible and produced to the Lessor and/or their agents or any local, state, or federal officials upon demand.

**MAINTENANCE:** The Lessor and Lessee shall have shared responsibilities of the repairs and maintenance on the Premises.

The Lessor shall have the following responsibilities: Exterior brick and interior plumbing (existing prior to move-in). Landlord shall have no liability for failure to perform required maintenance and repair unless written or verbal notice of the needed maintenance or required repair is given by the Tenant and Landlord fails to commence efforts to remedy the problem in a reasonable time and manner. Landlord shall have the right to erect scaffolding and other apparatus necessary for the purpose of making repairs, and Landlord shall have no liability for interference with Tenant's use of space due to repairs and installations. Tenant shall have no claim against Landlord for any interruption or reduction of services or interference with Tenant's occupancy, and no such interruption or reduction shall be construed as a constructive or other eviction of Tenant.

The Lessee shall have the following responsibilities: Exterior windows and doors, and any other structural or non-structural maintenance or repairs not mentioned as Landlord's responsibility. Any additions, alterations or improvements, except for removable machinery and unattached moveable trade fixtures, shall at once become part of the realty and belong to Landlord. Landlord shall have the right to approve the contractor used by Tenant for any work in the Premises, and to post notices of non responsibility in connection with any work being performed by Tenant in the Premises. Repair of

damage caused by negligent or intentional acts or breach of this Lease by the Tenant, its employees or invitees shall be at the Tenant's expense.

**SALE OF PROPERTY.** Lessee shall, in the event of the sale or assignment of Lessor's interest in the building of which the premises form a part, or in the event of any proceedings brought for the foreclosure of, or in the event of exercise of the power of sale under any mortgage made by Lessor covering the premises, attorn to the purchaser and recognize such purchaser as Lessor under this Lease.

**HVAC MAINTENANCE.** Lessee will provide or engage a reputable and experienced firm for the purpose of periodically inspecting and maintaining the heating ventilating, and air conditioning equipment located on the Premises, hereinafter referred to as the "HVAC System." In addition, the Lessee shall be responsible for all costs associated with the upkeep and maintenance of said HVAC System.

**INSURANCE.** In the event Lessee shall fail to obtain insurance required hereunder and fails to maintain the same in force continuously during the term, Lessor may, but shall not be required to, obtain the same and charge the Lessee for same as additional rent. Furthermore, Lessee agrees not to keep upon the premises any articles or goods which may be prohibited by the standard form of fire insurance policy, and in the event the insurance rates applicable to fire and extended coverage covering the premises shall be increased by reason of any use of the premises made by Lessee, then Lessee shall pay to Lessor, upon demand, such increase in insurance premium as shall be caused by said use or Lessee's proportionate share of any such increase.

**SUBLET/ASSIGNMENT.** The Lessee may not transfer or assign this Lease, or any right or interest hereunder or sublet said leased premises or any part thereof.

**DAMAGE TO LEASED PREMISES.** The Lessee shall, during the term of this Lease, and in the renewal thereof, at its sole expense, keep the interior of the leased premises in as good a condition and repair as it is at the date of this Lease, reasonable wear and use excepted. This obligation would include the obligation to replace any plate glass damaged as a result of the neglect or acts of Lessee or her guests or invitees. Furthermore, the Lessee shall not knowingly commit nor permit to be committed any act or thing contrary to the rules and regulations prescribed from time to time by any federal, state or local authorities and shall expressly not be allowed to keep or maintain any hazardous waste materials or contaminates on the premises. Lessee shall also be responsible for the cost, if any, which would be incurred to bring her contemplated operation and business activity into compliance with any law or regulation of a federal, state or local authority.

**HAZARDOUS MATERIALS LAWS.** Shall mean any and all federal, state, or local laws, ordinances, rules, decrees, orders, regulations, or court decisions relating to hazardous substances, hazardous materials, hazardous waste, toxic substances, environmental conditions on, under, or about the Premises, the Building, or the Property, or soil and ground water conditions, including, but not limited to, the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), the Resource Conservation and Recovery Act (RCRA), the Hazardous Materials Transportation Act, any other law or legal requirement concerning hazardous or toxic substances, and any amendments to the foregoing.

**LESSEE'S DEFAULT AND POSSESSION.** In the event that the Lessee shall fail to pay said rent and expenses as set forth herein, or any part thereof, when the same are due and payable, or shall otherwise be in default of any other terms of said Lease for a period of more than 10 days, after receiving notice

of said default, then the parties hereto expressly agree and covenant that the Lessor may declare the Lease terminated and may immediately re-enter said premises and take possession of the same together with any of Lessee's personal property, equipment or fixtures left on the premises which items may be held by the Lessor as security for the Lessee's eventual payment and/or satisfaction of rental defaults or other defaults of Lessee under the Lease. It is further agreed, that if the Lessee is in default, that the Lessor shall be entitled to take any and all action to protect its interest in the personal property and equipment, to prevent the unauthorized removal of said property or equipment which threatened action would be deemed to constitute irreparable harm and injury to the Lessor in violation of its security interest in said items of personal property. Furthermore, in the event of default, the Lessor may expressly undertake all reasonable preparations and efforts to release the Premises including, but not limited to, the removal of all inventory, equipment or leasehold improvements of the Lessee's, at the Lessee's expense, without the need to first procure an order of any court to do so, although obligated in the interim to undertake reasonable steps and procedures to safeguard the value of Lessee's property, including the storage of the same, under reasonable terms and conditions at Lessee's expense, and, in addition, it is understood that the Lessor may sue the Lessee for any damages or past rents due and owing and may undertake all and additional legal remedies then available.

**LESSOR'S DEFAULT.** The Lessee may send written notice to the Lessor stating duties or obligations that have not been fulfilled under the full performance of this Lease Agreement. If said duties or obligations have not been cured within 30 days from receiving such notice, unless the Lessor needs more time to cure or remedy such issue in accordance with standard industry protocol, then the Lessor shall be in default of this Lease Agreement.

If the Lessor should be in default the Lessee shall have the option to terminate this Lease Agreement and be held harmless against any of its terms or obligations.

**DISPUTES.** If any dispute should arise in relation to this Lease Agreement the Lessor and Lessee shall first negotiate amongst themselves in "good faith." Afterwards, if the Lessor and Lessee fail to resolve the dispute through negotiation then the parties shall be allowed to submit their cases in accordance with the local court system.

**INDEMNIFICATION.** The Lessee hereby covenants and agrees to indemnify, defend and hold the Lessor harmless from any and all claims or liabilities which may arise from any cause whatsoever as a result of Lessee's use and occupancy of the premises, and further shall indemnify the Lessor for any losses which the Lessor may suffer in connection with the Lessee's use and occupancy or care, custody and control of the premises. The Lessee also hereby covenants and agrees to indemnify and hold harmless the Lessor from any and all claims or liabilities which may arise from any latent defects in the subject premises that the Lessor is not aware of at the signing of the lease or at any time during the lease term.

**BANKRUPTCY - INSOLVENCY.** The Lessee agrees that in the event all or a substantial portion of the Lessee's assets are placed in the hands of a receiver or a Trustee, and such status continues for a period of 30 days, or should the Lessee make an assignment for the benefit of creditors or be adjudicated bankrupt, or should the Lessee institute any proceedings under the bankruptcy act or any amendment thereto, then such Lease or interest in and to the leased premises shall not become an asset in any such proceedings and, in such event, and in addition to any and all other remedies of the Lessor hereunder or by law provided, it shall be lawful for the Lessor to declare the term hereof ended and to re-enter the leased land and take possession thereof and all improvements thereon and to remove all persons therefrom and the Lessee shall have no further claim thereon.

**SUBORDINATION AND ATTORNMENT.** Upon request of the Lessor, Lessee will subordinate its rights hereunder to the lien of any mortgage now or hereafter in force against the property or any portion thereof, and to all advances made or hereafter to be made upon the security thereof, and to any ground or underlying lease of the property provided, however, that in such case the holder of such mortgage, or the Lessor under such Lease shall agree that this Lease shall not be divested or in any way affected by foreclosure, or other default proceedings under said mortgage, obligation secured thereby, or Lease, so long as the Lessee shall not be in default under the terms of this Lease. Lessee agrees that this Lease shall remain in full force and effect notwithstanding any such default proceedings under said mortgage or obligation secured thereby.

Lessee shall, in the event of the sale or assignment of Lessor's interest in the building of which the Premises form a part, or in the event of any proceedings brought for the foreclosure of, or in the event of exercise of the power of sale under any mortgage made by Lessor covering the Premises, attorn to the purchaser and recognize such purchaser as Lessor under this Lease.

**USAGE BY LESSEE.** Lessee shall comply with all rules, regulations and laws of any governmental authority with respect to use and occupancy. Lessee shall not conduct or permit to be conducted upon the premises any business or permit any act which is contrary to or in violation of any law, rules or regulations and requirements that may be imposed by any authority or any insurance company with which the premises is insured, nor will the Lessee allow the premises to be used in any way which will invalidate or be in conflict with any insurance policies applicable to the building. In no event shall explosives or extra hazardous materials be taken onto or retained on the premises. Furthermore, Lessee shall not install or use any equipment that will cause undue interference with the peaceable and quiet enjoyment of the premises by other Lessees of the building.

**SIGNAGE.** Lessee shall not place on any exterior door, wall or window of the premises any sign or advertising matter without Lessor's prior written consent and the approval of the local municipality. Thereafter, Lessee agrees to maintain such sign or advertising matter as first approved by Lessor in good condition and repair. Furthermore, Lessee shall conform to any uniform reasonable sign plan or policy that the Lessor may introduce with respect to the building. Upon vacating the premises, Lessee agrees to remove all signs and to repair all damages caused or resulting from such removal.

**PETS.** No pets shall be allowed on the premises without the prior written permission of Lessor unless said pet is required for reasons of disability under the Americans with Disability Act.

**CONDITION OF PREMISES/INSPECTION BY LESSEE.** The Lessee acknowledges they have had the opportunity to inspect the Premises and acknowledges with its signature on this Lease that the Premises are in good condition and comply in all respects with the requirements of this Lease. The Lessor makes no representation or warranty with respect to the condition of the premises or its fitness or availability for any particular use, and the Lessor shall not be liable for any latent or patent defect therein. The Lessee represents that Lessee has inspected the premises and is leasing and will take possession of the premises with all current fixtures present in their "as is" condition as of the date hereof.

**AMERICANS WITH DISABILITY ACT.** Per 42 U.S. Code § 12183 if the Lessee is using the Premises as a public accommodation (e.g. restaurants, shopping centers, office buildings) or there are more than 15 employees the Premises must provide accommodations and access to persons with disabilities that is equal or similar to that available to the general public. Owners, operators, lessors, and lessees of commercial properties are all responsible for ADA compliance. If the Premises is not in

compliance with the Americans with Disability Act any modifications or construction will be the responsibility of the Lessee.

**RIGHT OF ENTRY.** It is agreed and understood that the Lessor and its agents shall have the complete and unencumbered right of entry to the Premises at any time or times for purposes of inspecting or showing the Premises and for the purpose of making any necessary repairs or improvements to the building or equipment as may be required of the Lessor under the terms of this Lease or as may be deemed necessary with respect to the inspection, maintenance or repair of the building. In accordance with State and local laws, the Lessor shall have the right to enter the Premises without the consent of the Lessee in the event of an emergency.

**ESTOPPEL CERTIFICATE.** Lessee at any time and from time to time, upon at least ten (10) days prior notice by Lessor, shall execute, acknowledge and deliver to Lessor, and/or to any other person, firm or corporation specified by Lessor, a statement certifying that the Lease is unmodified and in full force and effect, or if the Lease has been modified, then that the same is in full force and effect except as modified and stating the modifications, stating the dates to which the fixed rent and additional rent have been paid, and stating whether or not there exists any default by Lessor under this Lease and, if so, specifying each such default.

**HOLDOVER PERIOD.** Should the Lessee remain in possession of the Premises after the cancellation, expiration, or sooner termination of the Lease, or any renewal thereof, without the execution of a new Lease or addendum, such holding over in the absence of a written agreement shall immediately forfeit any Security Deposit that was placed at the commencement of this Lease. In addition, the Lessor will begin eviction proceedings in accordance with local laws followed by seeking damages along with any accrued attorney's fees.

**WAIVER.** Waiver by Lessor of a default under this Lease shall not constitute a waiver of a subsequent default of any nature.

**GOVERNING LAW.** This Lease shall be governed by the laws of the State of Ohio.

**NOTICES.** Notices shall be addressed to the following:

Lessee: Absolute Legends And Collectibles, LLC; Javier Sandate; Michael Al-Azom  
2007 Carabel Ave, Lakewood, Ohio, 44107

**ADDITIONAL TERMS AND CONDITIONS.** Tenant is responsible for the outside storefront windows upkeep, maintenance of paint, cleaning the doorway and sidewalks around their unit at their cost and as required by location rules and regulations.

Lessor shall provide the only internet available to the building with speeds of approximately 1Gbps x 35Mbps. Speeds are not guaranteed. This amount is due as additional rent, and if not paid, subject to immediate turn off. Lessor is not liable for any losses incurred for interruption in service.

**AMENDMENT(S).** No amendment of this Lease shall be effective unless reduced to writing and subscribed by the parties with all the formality of the original.

**SEVERABILITY.** If any term or provision of this Lease Agreement is illegal, invalid or unenforceable, such term shall be limited to the extent necessary to make it legal and enforceable, and, if necessary, severed from this Lease. All other terms and provisions of this Lease Agreement shall remain in full force and effect.

**NON-DISPARAGEMENT.** Lessee agrees and covenants that they will not at any time, directly or indirectly, make, publish or communicate to any person or entity or in any public forum any defamatory or disparaging remarks, comments, or statements concerning Cerreta Interiors or its Agents, Contractors, or any of its employees, officers, shareholders, members or advisors, or any member of the Board.

**BINDING EFFECT.** This Lease and any amendments thereto shall be binding upon the Lessor and the Lessees and/or their respective successors, heirs, assigns, executors and administrators.

**LESSOR SIGNATURE**

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Joshua Cerreta, Owner of Cerreta Interiors

**ACKNOWLEDGMENT OF NOTARY PUBLIC**

State of \_\_\_\_\_

County of \_\_\_\_\_, ss.

On this \_\_\_ day of \_\_\_\_\_, 20\_\_\_, before me appeared \_\_\_\_\_, as the **LESSOR(S)** of this Commercial Lease Agreement who proved to me through government issued photo identification to be the above-named person, in my presence executed foregoing instrument and acknowledged that they executed the same as their free act and deed.

Notary Public Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

My commission expires: \_\_\_\_\_

(Seal)

**LESSEE SIGNATURE**

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Javier Sandate

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Member of Absolute Legends And Collectibles, LLC

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Michael Al-Azom

**ACKNOWLEDGMENT OF NOTARY PUBLIC**

State of \_\_\_\_\_

County of \_\_\_\_\_, ss.

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me appeared \_\_\_\_\_, as the **LESSEE(S)** of this Commercial Lease Agreement who proved to me through government issued photo identification to be the above-named person, in my presence executed foregoing instrument and acknowledged that they executed the same as their free act and deed.

Notary Public Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

My commission expires: \_\_\_\_\_

(Seal)



2007

Sorry  
I'm  
CLOSED



36" x 26"

36" x 26"

36" x 26"

36" x 26"

Captain America Emblem

Spider-man Emblem

Iron-man Emblem

Thor Emblem

16"

16"

16"

16"

Godzilla Poster

Spider-man Poster 24"

Marvel Heroes Poster

Absolute Legends And Collectibles Logo Decal

Superman Poster

Deadpool Wolverine Poster

Batman Poster

E M P T Y

2007

E M P T Y

Batman Poster

Dragon Ball Z Poster 24"

Venom Poster

Absolute Legend And Collectibles Logo Decal

Pokemon Poster

Joker Poster

Thor Poster

68" x 58.5"

68" x 58.5"

68" x 58.5"

68" x 58.5"



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

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Application Cover Page

Docket No.: 01-10-26

Permit No.: BBS25-000137

Applicant Name: Kathy Clarke

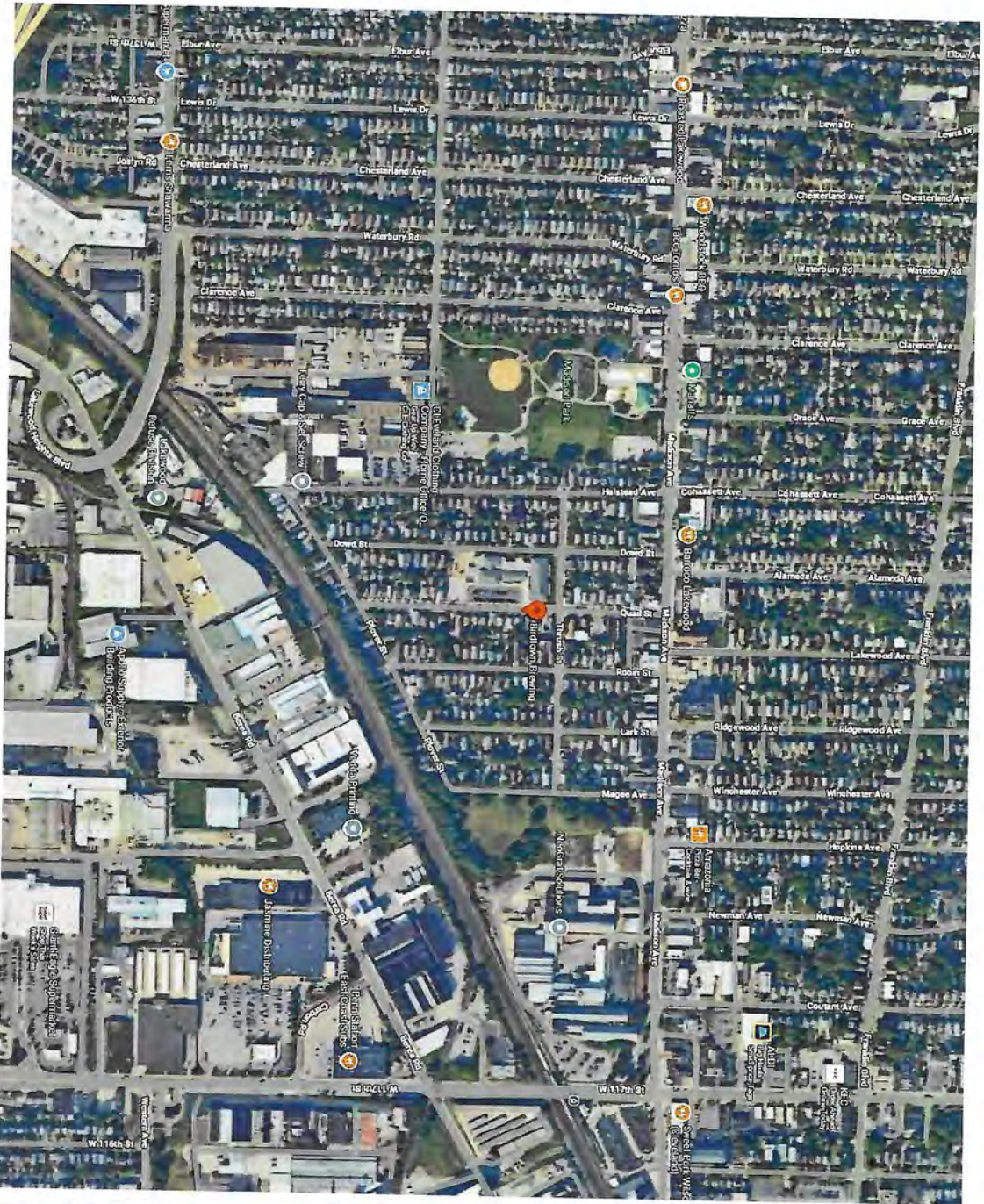
Project Address: 2035 Quail St.

Project Name: Birdtown Brewing

Project: Applicant proposes new aluminum signage for front fascia.

Kathy Clarke

BIRDTOWN BREWING



BIRDTOWN BREWING  
QUAIL ST, LAKEWOOD, OH 44107

VERSIONS  
V1: 12/16/25

DATE  
12/16/25

PROJECT MANAGER  
ANNA A.

PAGE DESCRIPTION  
LOCATION & SCOPE

PAGE NO  
1 OF 4

SCOPE OF PROJECT

1. One (1) set of non-illuminated channel letters & FCO acrylic copy



COLORS

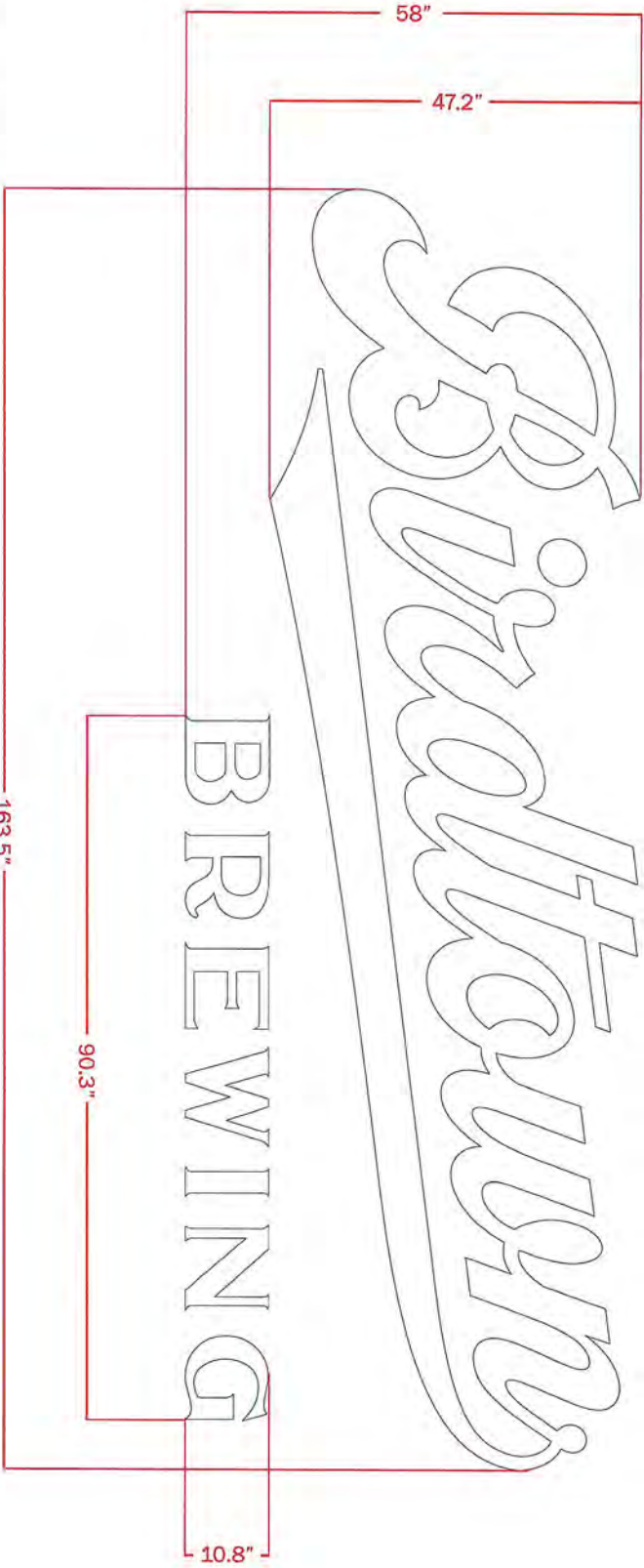


White

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

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*Ann A.*



<p><b>COLORS</b></p> <p><input type="checkbox"/> White</p>	<p><b>MATERIALS</b></p> <p><b>A. "Birdtown" script</b>  <b>FACES:</b> .090 aluminum, painted white  <b>RETURNS:</b> 2" .080 aluminum, painted white  <b>PAINT:</b> Std. white, satin</p> <p><b>MOUNTING:</b> Pads &amp; threaded aluminum studs for flush mount to brick fascia</p> <p><b>B. "BREWING"</b>  <b>ALL COPY:</b> 1" FCO acrylic, painted white  <b>PAINT:</b> Std. white, satin  <b>MOUNTING:</b> Threaded aluminum studs for flush mount to brick fascia</p>
<p><b>BIRDTOWN BREWING</b>                  QUAIL ST, LAKEWOOD, OH 44107</p>	<p><b>OVERALL DIMENSIONS:</b> 13' - 7.5" W x 4' - 10" H x 2" D                  SQUARE FOOTAGE 65.9 ft.<sup>2</sup></p>

<p>SCALE</p> <p>1 : 15</p>	<p>DATE</p> <p>12/16/25</p>	<p>PROJECT MANAGER</p> <p>ANNA A.</p>	<p>PAGE DESCRIPTION</p> <p>FRONT / BACK VIEW</p>	<p>PAGE NO.</p> <p>2 OF 4</p>
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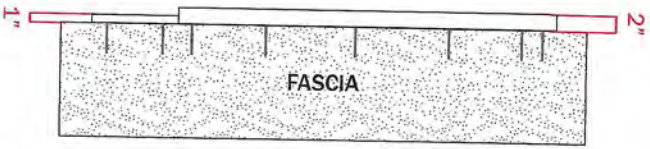
**\*ALL MEASUREMENTS & MATERIALS ARE APPROXIMATE FOR PURPOSES OF VISUALIZATION, AND ARE SUBJECT TO CHANGE IF NECESSARY.**

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*Ben Franklin*

1. OVERVIEW: Non-Illuminated channel letters & FCO acrylic copy

**DIRECT SIDE VIEW**



**ORTHOGRAPHIC VIEW**



**SIDE VIEWS**

COLORS	MATERIALS
<input type="checkbox"/> White	<p><b>A. "Birdtown" script</b>  <b>FACES:</b> .090 aluminum, painted white  <b>RETURNS:</b> 2" .080 aluminum, painted white  <b>PAINT:</b> Std. white, satin  <b>MOUNTING:</b> Pads &amp; threaded aluminum studs for flush mount to brick fascia</p> <p><b>B. "BREWING"</b>  <b>ALL COPY:</b> 1" FCO acrylic, painted white  <b>PAINT:</b> Std. white, satin  <b>MOUNTING:</b> Threaded aluminum studs for flush mount to brick fascia</p>

**BIRDTOWN BREWING**  
 QUAIL ST, LAKEWOOD, OH 44107

OVERALL DIMENSIONS: 13' - 7.5" W x 4' - 10" H x 2" D  
 SOLIDUS FOOTING: 65.9 ft.<sup>2</sup>

SCALE	DATE	PROJECT MANAGER	PAGE DESCRIPTION	PAGE NO.
1:15	12/16/25	ANNA A.	SIDE VIEWS	3 OF 4

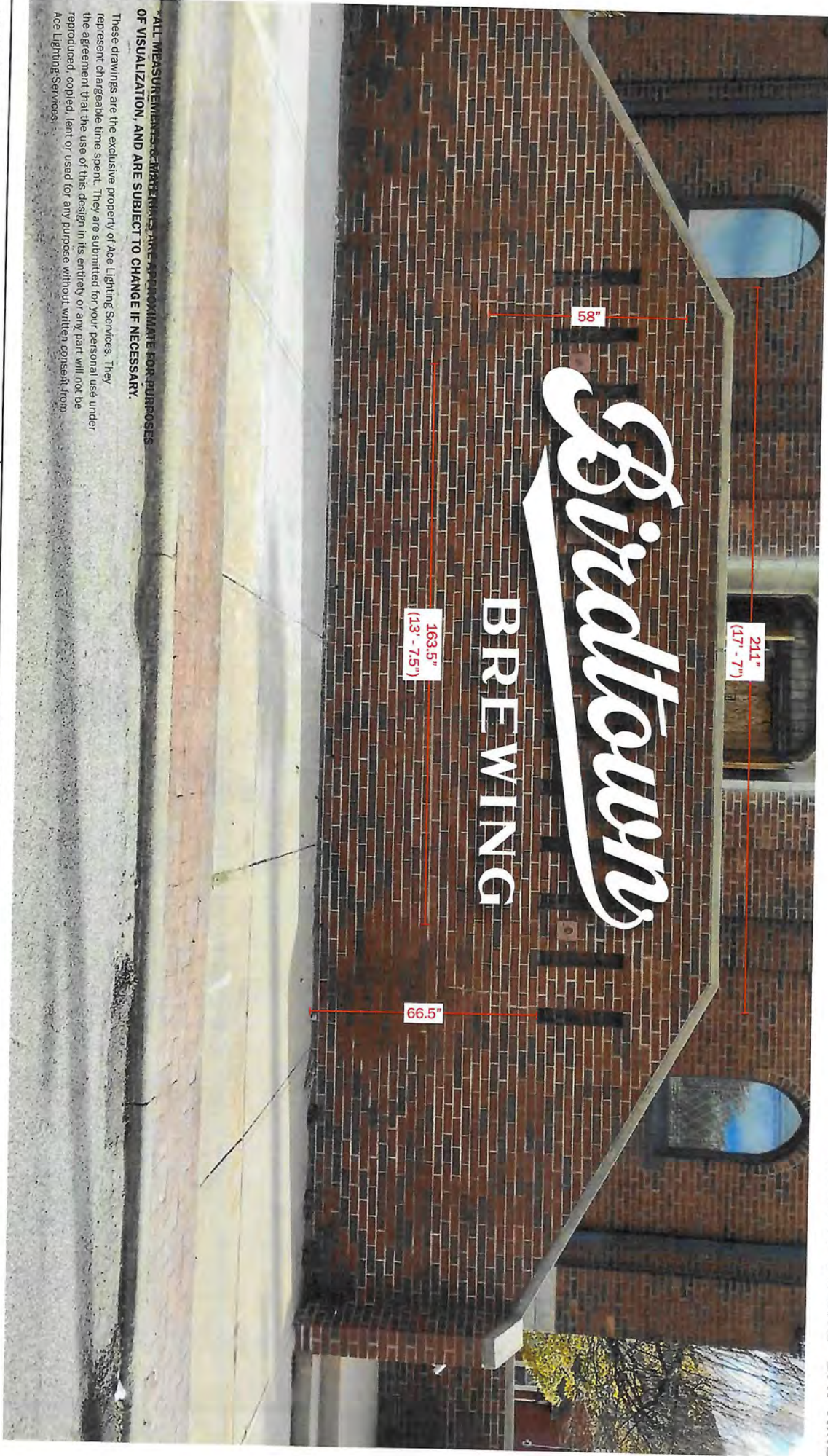
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*Ann Epstain*

1. OVERVIEW: Non-illuminated channel letters & FCO acrylic copy

MOCK-UP ON SITE - DAY TIME



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

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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. <sup>2</sup>	AS NOTED	12/16/25	ANNA A.	MOCK-UP ON SITE - DAY	4 OF 4

*Ann Anderson*



WELCOME TO  
BIRCHMOUNT  
BREWING

PROF

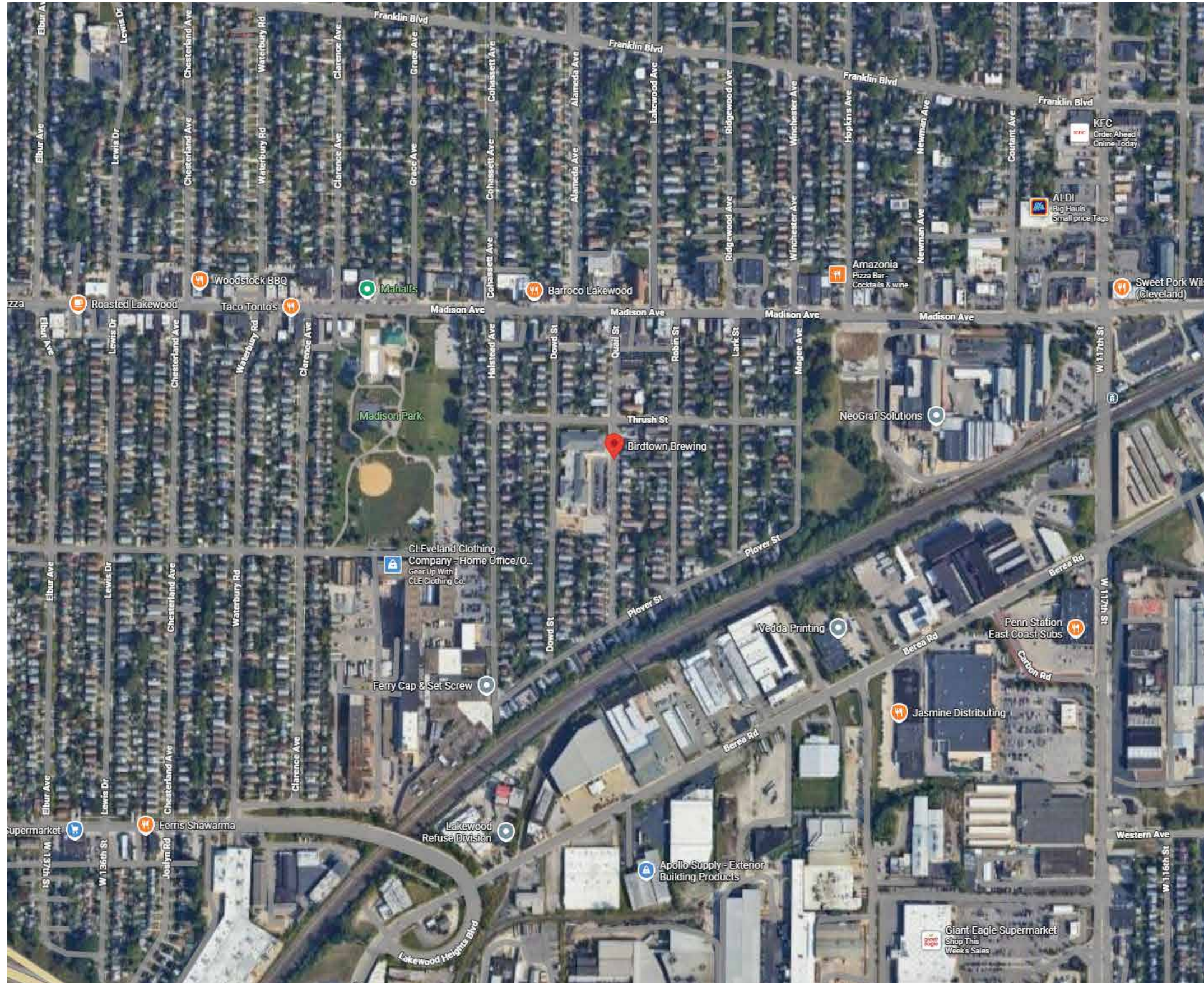




WELCOME TO  
**BIRDTOWN**  
BREWING

PRIVATE  
PROPERTY  
NO TRESPASSING  
IF YOU SEE  
ANYTHING  
CALL  
781-337-3338

# BIRDTOWN BREWING



## SCOPE OF PROJECT

i. One (1) set of non-illuminated channel letters & FCO acrylic copy



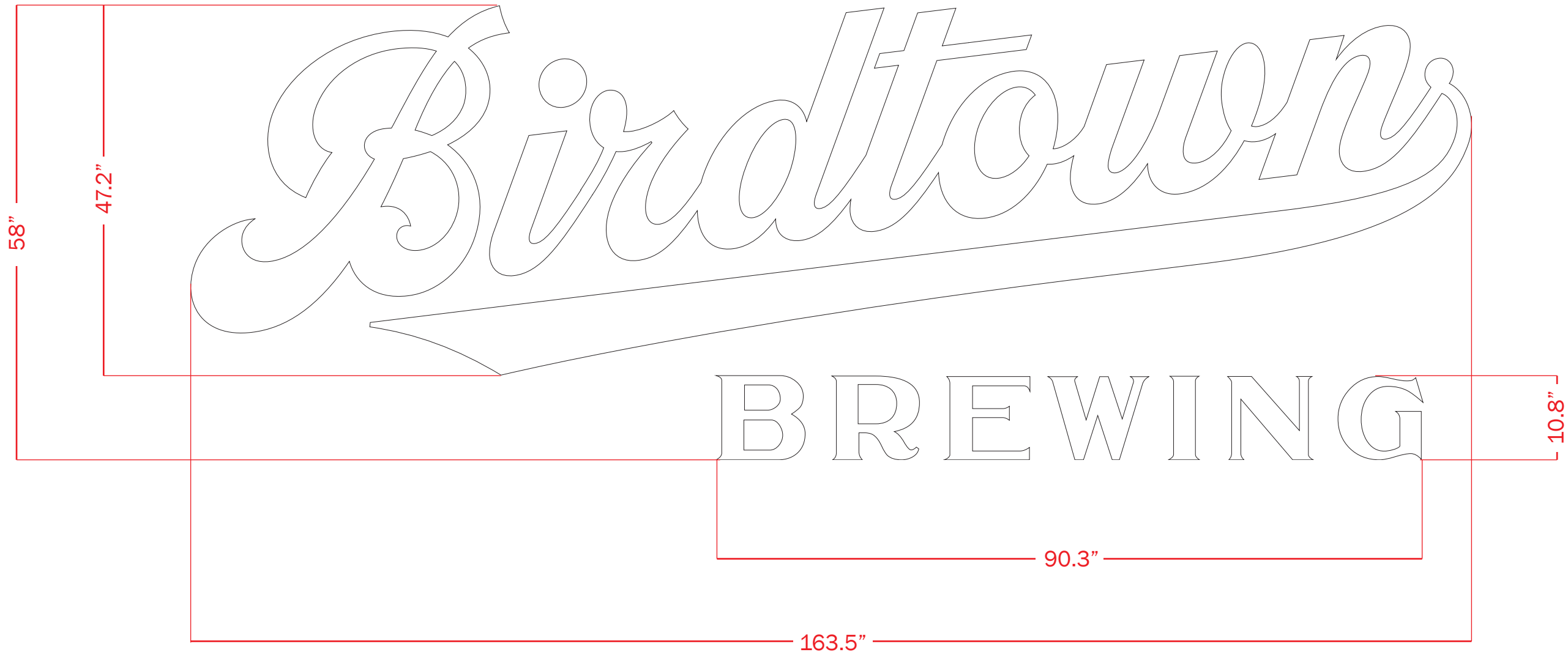
## COLORS



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<b>BIRDTOWN BREWING</b> <b>QUAIL ST, LAKEWOOD, OH 44107</b>	VERSIONS <b>V1: 12/16/25</b>	DATE <b>12/16/25</b>	PROJECT MANAGER <b>ANNA A.</b>	PAGE DESCRIPTION <b>LOCATION &amp; SCOPE</b>	PAGE NO. <b>1 OF 4</b>
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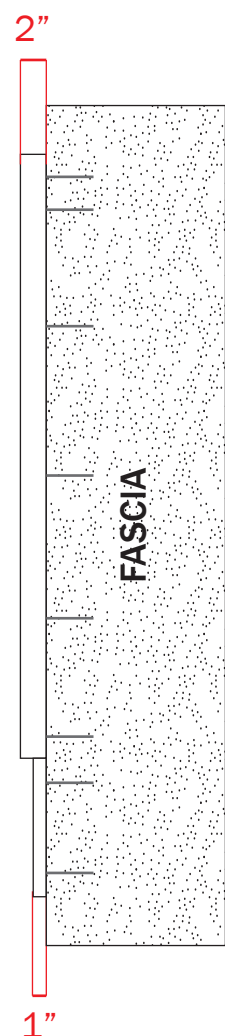
<p><b>COLORS</b></p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 20px; height: 20px; margin-right: 5px;"></div> <p>White</p> </div>	<p><b>MATERIALS</b></p> <p><b>A. "Birdtown" script</b>  <b>FACES:</b> .090 aluminum, painted white  <b>RETURNS:</b> 2" .080 aluminum, painted white  <b>PAINT:</b> Std. white, satin  <b>MOUNTING:</b> Pads &amp; threaded aluminum studs for flush mount to brick fascia</p> <p><b>B. "BREWING"</b>  <b>ALL COPY:</b> 1" FCO acrylic, painted white  <b>PAINT:</b> Std. white, satin  <b>MOUNTING:</b> Threaded aluminum studs for flush mount to brick fascia</p>
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<p><b>BIRDTOWN BREWING</b>  <b>QUAIL ST, LAKEWOOD, OH 44107</b></p>	<p>OVERALL DIMENSIONS <b>13' - 7.5" W x 4' - 10" H x 2" D</b>                  SQUARE FOOTAGE <b>65.9 ft.<sup>2</sup></b></p>	<p>SCALE  <b>1 : 15</b></p>	<p>DATE  <b>12/16/25</b></p>	<p>PROJECT MANAGER  <b>ANNA A.</b></p>	<p>PAGE DESCRIPTION  <b>FRONT/BACK VIEW</b></p>	<p>PAGE NO.  <b>2 OF 4</b></p>
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DIRECT SIDE VIEW



ORTHOGRAPHIC VIEW



<b>COLORS</b>	<b>MATERIALS</b>
 White	<p><b>A. "Birdtown" script</b>  <b>FACES:</b> .090 aluminum, painted white  <b>RETURNS:</b> 2" .080 aluminum, painted white  <b>PAINT:</b> Std. white, satin  <b>MOUNTING:</b> Pads &amp; threaded aluminum studs for flush mount to brick fascia</p> <p><b>B. "BREWING"</b>  <b>ALL COPY:</b> 1" FCO acrylic, painted white  <b>PAINT:</b> Std. white, satin  <b>MOUNTING:</b> Threaded aluminum studs for flush mount to brick fascia</p>

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<b>BIRDTOWN BREWING</b> 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. <sup>2</sup>	1 : 15	12/16/25	ANNA A.	SIDE VIEWS	3 OF 4



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<b>BIRDTOWN BREWING</b> QUAIL ST, LAKEWOOD, OH 44107	OVERALL DIMENSIONS 13' - 7.5" W x 4' - 10" H x 2" D SQUARE FOOTAGE 65.9 ft. <sup>2</sup>	SCALE AS NOTED	DATE 12/16/25	PROJECT MANAGER ANNA A.	PAGE DESCRIPTION MOCK-UP ON SITE - DAY	PAGE NO. 4 OF 4
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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

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Application Cover Page

Docket No.: 01-11-26

Permit No.: BBS25-000138

Applicant Name: Nicole Bozickovich

Project Address: 13439 Detroit Ave.

Project Name: Forevergoldencle

Project: Applicant proposes new vinyl and neon signage.



decent shape.

13439

strong body. sound mind.

ALL AGE  
WELCOME

LAKWOOD  
OHIO  
www.onslakewood.com

life.



14'-0"



3747201453 - warm white

Size: 28" x 12"  
Warm White

OPEN

**20" by 20"**

# Forevergoldence

Permanent Jewelry

Find us on Social Media

📍@forevergoldence

# Patchitupcle

Patch Apparel Bar

Find us on Social Media

📍@patchitupcle

**32" by 23"**

**HEY  
CLEVELAND,**

**YOU ARE GOLDEN,  
COOL, BEAUTIFUL,  
AND EXTRAORDINARY**

## Amanda L. Cramer

---

**From:** Forever Golden <forevergoldencle@gmail.com>  
**Sent:** Tuesday, December 30, 2025 12:19 PM  
**To:** Amanda L. Cramer  
**Subject:** Re: City of Lakewood ABR: 13439 Detroit

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

The windows are 50 inches wide and 83 inches in height. The door is 25 1/2 inches in width and 53 and a half inches in height.

Thank you!

On Tue, Dec 30, 2025 at 12:06 PM Amanda L. Cramer <[Amanda.Cramer@lakewoodoh.gov](mailto:Amanda.Cramer@lakewoodoh.gov)> wrote:

Could you also give us a rough measurement of the windows and door? That's how we determine how much signage you are allowed. I ask all this upfront to hopefully get you your approval quicker.

Thanks!

### **Amanda Cramer, AICP**

City Planner

### **City of Lakewood, Ohio**

12650 Detroit Ave.

Lakewood, OH 44107

(216) 529-7679

[amanda.cramer@lakewoodoh.gov](mailto:amanda.cramer@lakewoodoh.gov)



---

**From:** Amanda L. Cramer <[Amanda.Cramer@lakewoodoh.gov](mailto:Amanda.Cramer@lakewoodoh.gov)>  
**Sent:** Tuesday, December 30, 2025 12:05 PM  
**To:** Forever Golden <[forevergoldencle@gmail.com](mailto:forevergoldencle@gmail.com)>  
**Subject:** RE: City of Lakewood ABR: 13439 Detroit

If you are unable to attend, we can still hear the case, however should the Board have any questions, they may need to defer your approval until February or put conditions on the approval.

**Amanda Cramer, AICP**

City Planner



**City of Lakewood, Ohio**

12650 Detroit Ave.

Lakewood, OH 44107

(216) 529-7679

[amanda.cramer@lakewoodoh.gov](mailto:amanda.cramer@lakewoodoh.gov)

---

**From:** Forever Golden <[forevergoldencle@gmail.com](mailto:forevergoldencle@gmail.com)>  
**Sent:** Tuesday, December 30, 2025 11:53 AM  
**To:** Amanda L. Cramer <[Amanda.Cramer@lakewoodoh.gov](mailto:Amanda.Cramer@lakewoodoh.gov)>  
**Subject:** Re: City of Lakewood ABR: 13439 Detroit

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

Hi Amanda,

Thank you so much for the information. I really appreciate it. Attached is the photo of the storefront with the vinyl for approval. As far as the January 8th meeting, I am actually out of town that day for business, so I am unable to attend this meeting. Is this going to be okay to still get this approved? I have also sent

the Certificate of Code Compliance application to the building department. Thank you also for that information.

On Mon, Dec 29, 2025 at 3:54 PM Amanda L. Cramer <[Amanda.Cramer@lakewoodoh.gov](mailto:Amanda.Cramer@lakewoodoh.gov)> wrote:

Thank you for your application to Lakewood's Architectural Board of Review (ABR) for: 13439 Detroit (Forevergoldencle).

Due to the first Thursday of the month being January 1<sup>st</sup>, there is no pre-review meeting for our January review. After reviewing your proposal, here is some feedback:

- We will need to see what this will actually look like from the street, with the signage in it.

Please send any updates to me via email by January 7<sup>th</sup>.

You or another representative of the project will need to plan to be at the Public Meeting at 5:30pm on Thursday, 1/8/26 for the Board to vote on the item. The public meeting will be held in-person at the City Hall Auditorium. Please look for additional details about the public meeting as it gets closer.

To open a new business, relocate or change the tenancy of an existing business, a Certificate of Code Compliance is required. Please fill and submit the linked pdf to the Lakewood Building Department: [https://www.lakewoodoh.gov/wp-content/uploads/2016/02/New-Business-Packet\\_rev032625.pdf](https://www.lakewoodoh.gov/wp-content/uploads/2016/02/New-Business-Packet_rev032625.pdf)

Please don't hesitate to reach out to me with any questions you may have.

**Amanda Cramer, AICP**

City Planner

**City of Lakewood, Ohio**

12650 Detroit Ave.

Lakewood, OH 44107

(216) 529-7679

[amanda.cramer@lakewoodoh.gov](mailto:amanda.cramer@lakewoodoh.gov)





<b>FRAME COLOR:</b>	<b>FABRIC COLOR:</b>
Mill	
	Black Sunbrella

**MOUNTING DETAILS:**

**SIDE AWNING DETAILS:**



**Forevergoldence**

**ADDRESS:**  
 13439 Detroit Ave  
 Lakewood, OH, United States

**SALESPERSON/ DESIGNER:** Ben Szarek  
**DATE:**

**DATE:**  
**CHANGES MADE:**  
 Replace current valance and graphics

**CLIENT SIGNATURE OF APPROVAL DATE:**  
 Nicole Bozickovich

NOTICE: PRINTS ARE THE EXCLUSIVE PROPERTY OF "THE AWNING COMPANY"



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

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Application Cover Page

Docket No.: 01-12-26

Permit No.: BBS25-000139

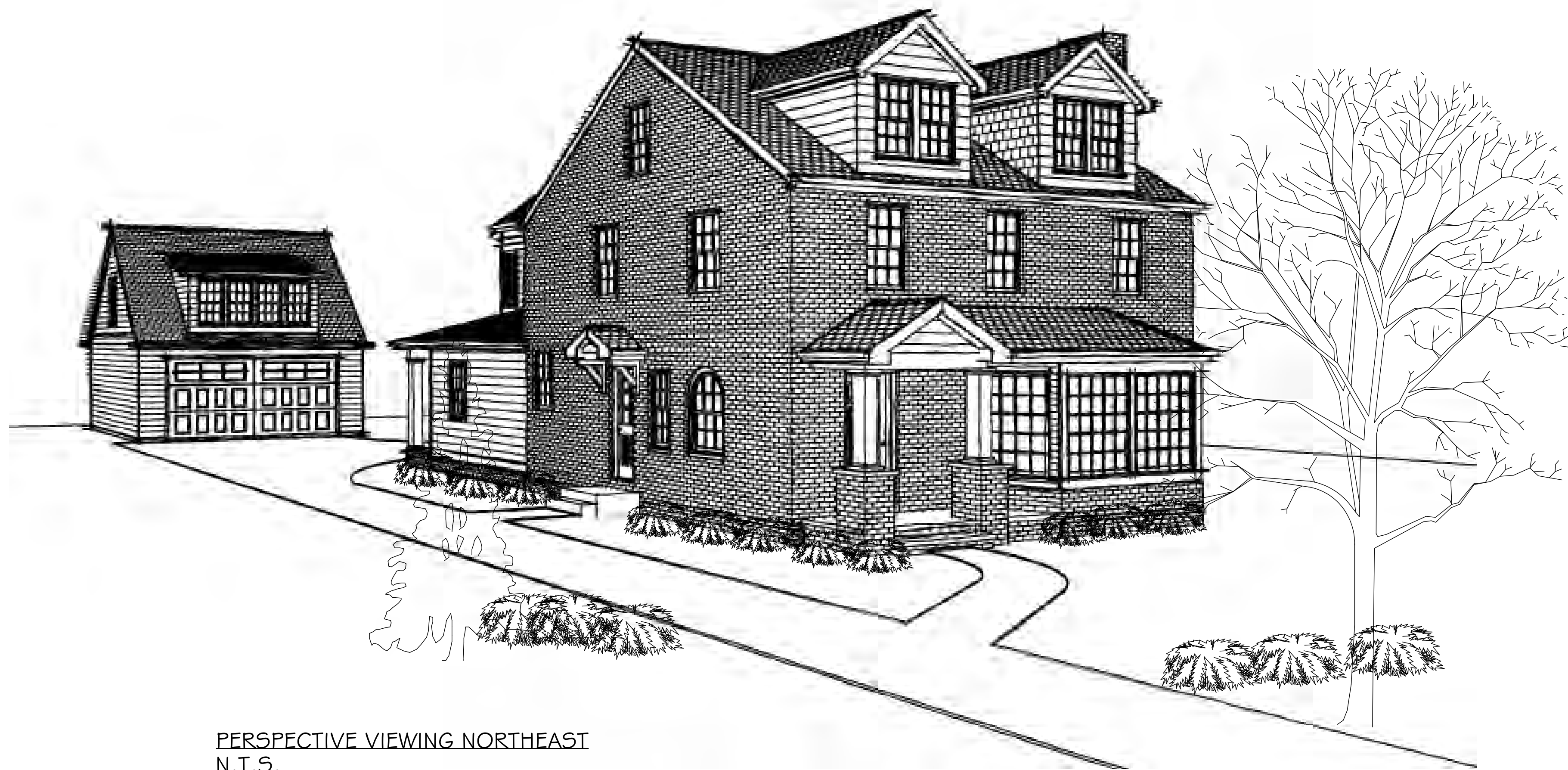
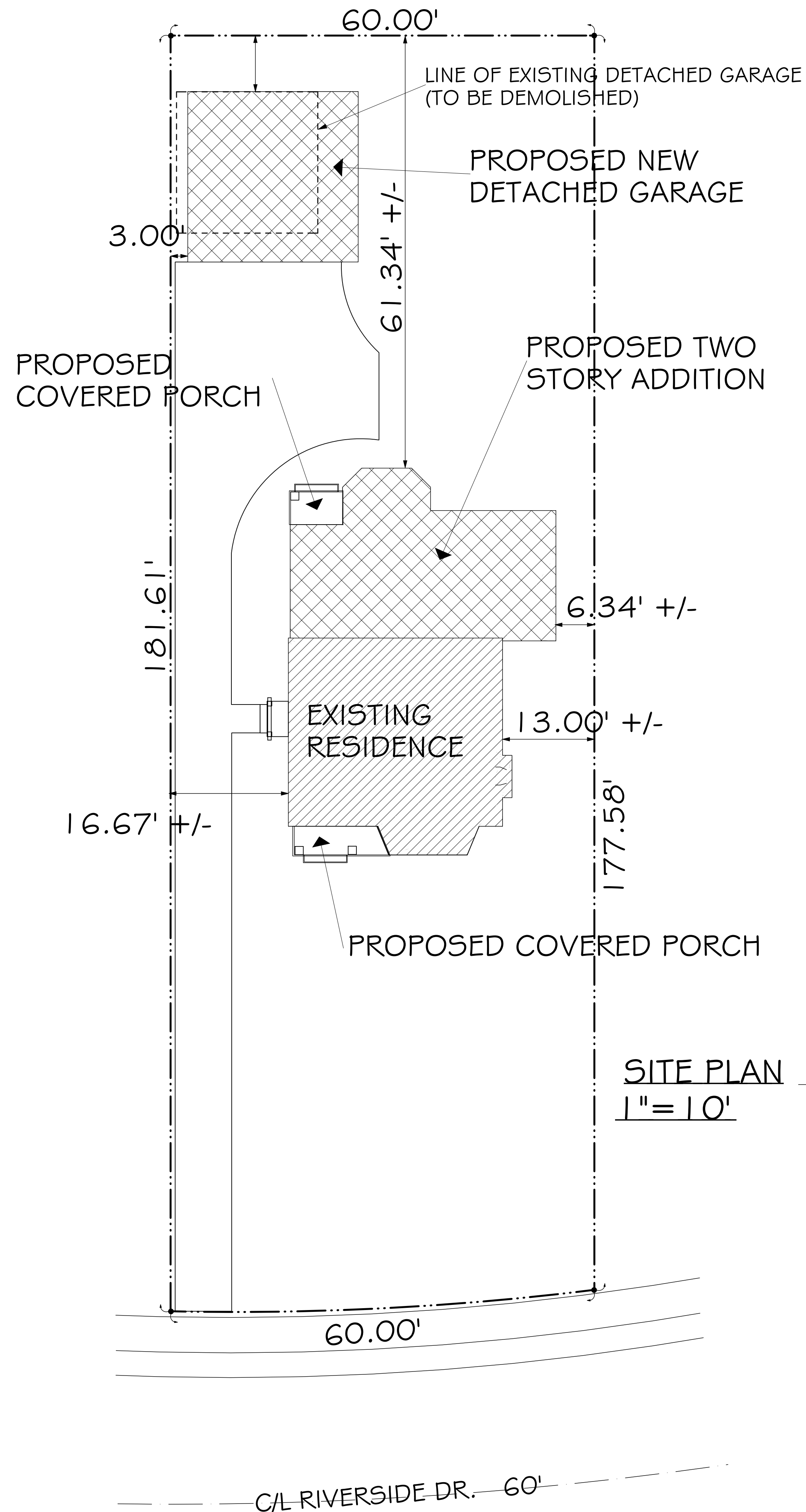
Applicant Name: Daniel Margulies

Project Address: 17620 Riverside Dr.

Project Name: N/A

Project: Applicant proposes the construction of a new second story addition and new detached garage.

Paul E Margulies



ADDITION, RENOVATION and NEW DETACHED GARAGE for:

**THE MEREDITH RESIDENCE**

17620 RIVERSIDE DR. LAKEWOOD, OHIO

**DRAWING INDEX**

#	DESCRIPTION
1	COVER SHEET • DRAWING INDEX • PERSPECTIVES VIEWING NORTHEAST • SITE PLAN
2	GENERAL NOTES
3	FIRST FLOOR DEMOLITION PLAN • SECOND FLOOR DEMOLITION PLAN • FOUNDATION PLAN
4	FIRST FLOOR PLAN • SECOND FLOOR PLAN • HEADER SCHEDULE • ROOF PLAN
5	SOUTH, EAST, WEST and NORTH EXTERIOR ELEVATIONS
6	FIRST FLOOR FRAMING PLAN • SECOND FLOOR FRAMING PLAN • ROOF FRAMING PLAN
7	GARAGE FOUNDATION PLAN, FLOOR PLANS, ROOF PLAN, EXTERIOR ELEVATIONS and TYPICAL SECTION B
8	ATTIC DEMOLITION PLAN • ATTIC FLOOR PLAN • SECTION b-b • TYPICAL SECTION A
9	GENERAL SECTION a-a • DETAIL D • TYPICAL SECTION C
10	PARTIAL FIRST and SECOND FLOOR ELECTRICAL PLANS • ELECTRICAL LEGEND

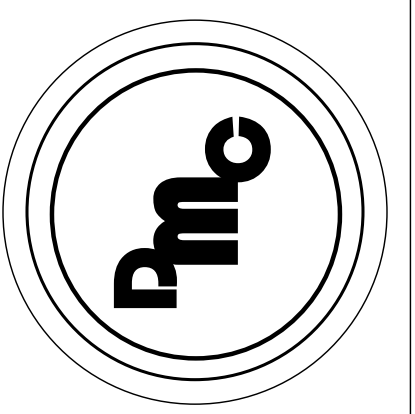
REV.

09.19.24: RESPONSE TO ADJUDICATION ORDER 2024-82 RECEIVED 09.17.24

09.19.24: RESPONSE TO NONCONFORMANCE PLAN APPROVAL RECEIVED 10.01.24

11.21.24: RESPONSE TO ADJUDICATION ORDER RECEIVED 11.21.24

DESIGN: DANIEL MARGULIES COMPANY INC.  
1210 CHASE AVENUE  
LAKEWOOD, OHIO 44107  
TEL: 440.356.0888  
EMAIL: daniel@dmc.ohioemail.com



ADDITION, RENOVATION and NEW DETACHED GARAGE for:  
**THE MEREDITH RESIDENCE**  
17620 RIVERSIDE DR. LAKEWOOD, OHIO

ISSUE DATE:  
08.28.24: CONSTRUCTION DRAWINGS FOR BUDGET AND PERMIT

**GENERAL NOTES AND SPECIFICATIONS**

THE GENERAL CONTRACTOR SHALL FULLY COMPLY WITH THE 2019 RCO AND ALL ADDITIONAL STATE AND LOCAL CODE REQUIREMENTS. 2023 NATIONAL ELECTRIC CODE AND 2024 OHIO PLUMBING CODE SHALL BE USED. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY WORK KNOWINGLY PERFORMED CONTRARY TO SUCH LAWS, ORDINANCES, OR REGULATIONS. THE CONTRACTOR SHALL ALSO PERFORM COORDINATION WITH ALL UTILITIES AND STATE SERVICE AUTHORITIES.

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. THE GENERAL CONTRACTOR SHALL VERIFY AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS) AND CONDITIONS ON THE JOB AND MUST NOTIFY THIS OFFICE OF ANY VARIATIONS FROM THESE DRAWINGS.

THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND PROPER FUNCTION OF PLUMBING, HVAC AND ELECTRICAL SYSTEMS. THE GENERAL CONTRACTOR SHALL NOTIFY THIS OFFICE WITH ANY PLAN CHANGES REQUIRED FOR DESIGN AND FUNCTION OF PLUMBING, HVAC AND ELECTRICAL SYSTEMS.

THIS OFFICE SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, ACTS OR OMISSIONS OF THE CONTRACTOR OR SUBCONTRACTOR, OR FAILURE OF ANY OF THEM TO CARRY OUT WORK IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS. AND DEFECT DISCOVERED IN THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THIS OFFICE BY WRITTEN NOTICE BEFORE PROCEEDING WITH WORK. REASONABLE TIME NOT ALLOWED THIS OFFICE TO CORRECT THE DEFECT SHALL PLACE THE BURDEN OF COST AND LIABILITY FROM SUCH DEFECT UPON THE CONTRACTOR.

THIS STRUCTURE SHALL BE ADEQUATELY BRACED FOR WIND LOADS UNTIL THE ROOF, FLOOR AND WALLS HAVE BEEN PERMANENTLY FRAMED TOGETHER AND SHEATHED.

INSTALL POLYISOCYANURATE FOAM TYPE INSULATION AT FLOOR AND PLATE LINES, OPENINGS IN PLATES, CORNER STUD CAVITIES AND AROUND DOOR AND WINDOW ROUGH OPENING CAVITIES.

INSTALL WATERPROOF GYPSUM BOARD AT ALL WATER SPLASH AREAS TO MINIMUM 70" ABOVE SHOWER DRAINS.

INSULATE WASTE LINES FOR SOUND CONTROL.

EXHAUST ALL VENTS AND FANS DIRECTLY TO OUTSIDE VIA METAL DUCTS, PROVIDE 90 CFM (MIN) FANS TO PROVIDE 5 AIR CHANGES PER HOUR IN BATHS CONTAINING TUB AND / OR SHOWER AND IN LAUNDRY ROOMS.

ALL RECESSED LIGHTS IN INSULATED CEILINGS TO HAVE THE I.C. LABEL.

PROVIDE SOLID BLOCKING UNDER ALL BEARING WALLS PERPENDICULAR TO JOISTS AND OTHER BEARING POINTS NOT OTHERWISE PROVIDED WITH SUPPORT.

**FOUNDATION NOTES:**

SLOPE CRAWL SPACE TO DRAIN. MAXIMUM SLOPE IS 2 HORIZ., 1 VERT. BETWEEN FOOTINGS AT DIFFERENT ELEVATIONS.

ALL FOOTINGS TO REST ON CLEAN, FIRM UNDISTURBED SOIL. STEP FOOTINGS A REQUIRED TO MAINTAIN REQUIRED DEPTH BELOW FINISH GRADES.

CONCRETE STRENGTH, 3,000 PSI AT 28 DAYS FOR ALL SLABS. (FOUNDATION DESIGN BASED ON 2,500 PSI). 3,000 PSI AT 28 DAYS FOR ALL OTHER CONDITION. MAXIMUM SLUMP, 4"

USE ASTM A-615 GRADE 60 DEFORMED REINFORCING BARS UNLESS NOTED OTHERWISE

CONCRETE EXPASION ANCHORS SHALL BE 'SIMPSON WEDGE-ALL STUD ANCHORS' OR ENGINEER APPROVED EQUAL. EPOXY TO BE SIMPSON "SET" ADHESIVE OR APPROVED EQUAL.

INFILTRATION, ALL OPENINGS IN THE EXT. BLDG. ENVELOPE SHALL BE SEALED AGAINST AIR INFILTRATION. THE FOLLOWING AREAS MUST BE SEALED.

- \* JOINTS AROUND WINDOW AND DOOR FRAMES
- \* JOINTS BETWEEN WALL CAVITY AND WINDOW/DR. FME.
- \* JOINTS BETWEEN WALL AND FOUNDATION
- \* JOINTS BETWEEN WALL AND ROOF
- \* JOINTS BETWEEN WALL PANELS
- \* UTILITY PENETRATIONS THROUGH EXTERIOR WALLS

**STRUCTURAL STEEL**

FABRICATE, DETAIL ERECT, IDENTIFY AND PAINT STRUCTURAL STEEL ACCORDING TO AISC SPECIFICATIONS: EXCEPT CONTRACTOR SHALL USE THE ARCHITECTURAL DRAWINGS IN CONJUNCTION WITH THE STRUCTURAL DRAWINGS FOR DIMENSIONS AND STRUCTURAL STEEL NOT SHOWN ON THE STRUCTURAL DOCUMENTS.

**FRAMING NOTES:**

PROVIDE DOUBLE JSTS. UNDER ALL WALLS RUNNING PARALLEL TO JOISTS.

PROVIDE POSITIVE VENTILATION AT EA. END OF EA. RAFTER SPACE AT VAULTED CEILING AREAS.

PROVIDE FIRE BLOCKING, DRAFT STOPS AND FIRE STOPS AS PER RCO 502.12.

PROVIDE POSITIVE CONECTIONS AT EACH END OF ALL POSTS AND COLUMNS TO RESIST LATERAL DISPLACEMENT.

**CARPENTRY:**

SAWN LUMBER DESIGN IS BASED ON THE NATIONAL DESIGN SPECIFICATION, LATEST EDITION. SAWN LUMBER SHALL CONFORM TO WEST COAST LUMBER INSPECTION BUREAU OR WESTERN WOOD PRODUCTS ASSOCIATION GRADING RULES. ALL LUMBER NOT SPECIFICALLY NOTED TO BE D.F. #2 OR BETTER. ALL WOOD IN PERMANENT CONTACT WITH CONCRETE OR CMU SHALL BE PRESSURE TREATED UNLESS AN APPROVED BARRIER IS PROVIDED. FRAMING ACCESSORIES AND STRUCTURAL FASTENERS SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY (OR ENGINEER APPROVED EQUAL) AND OF THE SIZE AND TYPE SHOWN ON THE DRAWINGS. HANGERS NOT SHOWN SHALL BE SIMPSON HU OF SIZE RECOMMENDED FOR MEMBER. ALL HANGERS AND NAILS IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE SIMPSON Z-MAX HANGERS OR STAINLESS STEEL. ALL SHEAR WALL SHEATHING NAILS SHALL BE COMMON NAILS ALL FRAMING NAILS SHALL BE COMMON NAILS. OR HOT DIPPED GALVANIZED BOX NAILS. FRAMING NAILS SHALL BE PER RCO TABLE 602.3(1) OR OBC TABLE 2304.10.1.

PLYWOOD PANELS SHALL CONFORM TO THE REQUIREMENTS OF "U.S. PRODUCT STANDARD PS 1 FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD" OR APA PRP-108 PERFORMANCE STANDARDS. UNLESS NOTED, PANELS SHALL BE APA RATED SHEATHING, EXPOSURE 1, OF THE THICKNESS AND SPAN RATING SHOWN ON THE DRAWINGS. PLYWOOD INSTALLATION SHALL BE IN CONFORMANCE WITH APA RECOMMENDATIONS. ALLOW 1/8" SPACING AT PANELS ENDS AND EDGES, UNLESS OTHERWISE RECOMMENDED BY THE PANEL MANUFACTURER.

ALL ROOF SHEATHING AND SUB-FLOORING SHALL BE INSTALLED WITH FACE GRAIN PERPENDICULAR TO SUPPORTS, EXCEPT AS INDICATED ON THE DRAWINGS. ROOF SHEATHING SHALL EITHER BE BLOCKED, TONGUE-AND-GROOVE, OR HAVE EDGES SUPPORTED BY PLYCLIPS. SHEAR WALL SHEATHING SHALL BE BLOCKED WITH 2X FRAMING AT ALL PANEL EDGES. NAILING NOT SPECIFICALLY IDENTIFIED ON THE DRAWINGS TO CONFORM WITH RCO TABLE 602.3(1).

GLUED LAMINATED MEMBERS SHALL BE FABRICATED IN CONFORMANCE WITH U.S. PRODUCT STANDARD PS 56, "STRUCTURAL GLUED LAMINATED TIMBER" AND AMERICAN INSTITUTE OF TIMBER CONSTRUCTION, AITC 117. EACH MEMBER SHALL BEAR AN AITC OR APA-EWS IDENTIFICATION MARK AND BE ACCOMPANIED BY A CERTIFICATE OF CONFORMANCE. ONE COAT OF END SEALER SHALL BE APPLIED IMMEDIATELY AFTER TRIMMING IN EITHER SHOP OR FIELD. GLULAM HANGERS NOT SHOWN SHALL BE SIMPSON EG. BEAMS SHALL BE VISUALLY GRADED WESTERN SPECIES INDUSTRIAL GRADE, AND OF THE STRENGTH INDICATED BELOW:

DEPTH	COMBINATION SYMBOL	SPECIES	USE
ALL	24F - V4	DF/DF	(SIMPLE SPAN)
ALL	24F - V8	DF/DF	(CONT. OR CANTILEVER)

PREMANUFACTURED WOOD JOISTS: PREMANUFACTURED WOOD JOISTS SHALL BE OF THE SIZE AND TYPE SHOWN ON THE DRAWINGS, MANUFACTURED BY THE TRUS JOIST COMPANY, OR AN ENGINEER APPROVED EQUAL. PROVIDE BRIDGING IN CONFORMANCE WITH THE MANUFACTURERS RECOMMENDATIONS. JOISTS AND BRIDGING SHALL BE CAPABLE OF RESISTING THE WIND UPLIFT NOTED ON THE DRAWINGS. THE JOIST MANUFACTURER SHALL VISIT JOB SITE AS REQUIRED AND VERIFY THE PROPER INSTALLATION OF JOISTS IN WRITING TO THE ARCHITECT/ENGINEER. PREMANUFACTURED WOOD JOIST ALTERNATES WILL BE CONSIDERED, PROVIDED THE ALTERNATE IS COMPATIBLE WITH THE LOAD CAPACITY, STIFFNESS, DIMENSIONAL, AND FIRE RATING REQUIREMENTS OF THE PROJECT (RCO 502.1.2).

**LUMBER SPECIES:**

A. POSTS, BEAMS, HEADERS, JOISTS, AND RAFTERS TO BE SPF #2 OR BETTER

B. EXPOSED ARCH BEAMS TO BE DF #2 OR BETTER

C. SILLS, PLATES BLOCKING, AND BRIDGING TO BE SPF #2 OR BETTER.

D. ALL STUDS TO BE SPF #2 OR BETTER.

E. PLYWOOD SHEATHING SHALL BE AS FOLLOWS:  
ROOF SHEATHING SHALL BE 1/2" CDX INT-APA RATED 32/16.  
WALL SHEATHING SHALL BE 1/2" INT-APA RATED 32/16 OR 7/16" OSB.  
FLOOR SHEATHING SHALL BE 3/4" T & G INT-APA RATED OSB.

F. '1' JOISTS SHALL BE MANUFACTURED BY TRUS JOIST OR ENGINEER APPROVED EQUAL.

G. ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.

**ELECTRICAL, MECHANICAL, DATA, & AUDIO NOTES:**

HOME OWNER SHALL DO A WALK-THRU WITH RELEVANT INSTALLERS TO VERIFY THE EXACT LOCATION FOR OUTLETS, LIGHTS, SWITCHES, CABLE, DATA, PHONE, AUDIO, ETC.

**ELECTRICAL NOTES:**

1. ELECTRICAL RECEPTACLES IN GARAGES SHALL BE G.F.I.C. PER NATIONAL ELECTRICAL CODE REQUIREMENTS.
2. PROVIDE ONE SMOKE DETECTOR IN EACH ROOM AND ONE IN EACH CORRIDOR ACCESSING BEDROOMS. CONNECT SMOKE DETECTORS TO HOUSE POWER AND INTER-CONNECT SMOKE DETECTORS SO THAT, WHEN ANY ONE IS TRIPPED, THEY ALL WILL SOUND. PROVIDE BATTERY BACKUP FOR ALL UNITS. EACH STORY WILL BE PROVIDE BOTH PHOTOELECTRIC TECHNOLOGY AND IONIZATION TECHNOLOGY. COMBINATION TECHNOLOGY DEVICES OR SEPARATE DEVICES MAY BE USED. PHOTOELECTRIC TECHNOLOGY WILL BE PROVIDED IN THE SECOND STORY HALLWAY PER RCO 314.1.2.
3. CIRCUITS SHALL BE VERIFIED WITH HOME OWNER PRIOR TO WIRE INSTALLATION.
4. FINAL SWITCHES FOR TIMERS AND DIMMERS SHALL BE VERIFIED WITH HOME OWNER.
5. FIXTURES TO BE SELECTED BY HOME OWNER.
6. CIRCUITS SHALL BE VERIFIED WITH HOME OWNER PRIOR TO WIRE INSTALLATION.
7. FINAL SWITCHES FOR TIMERS AND DIMMERS SHALL BE VERIFIED WITH HOME OWNER.
8. FIXTURES TO BE SELECTED BY HOME OWNER
9. PROVIDE AT LEAST ONE 20 AMP BRANCH CIRCUIT TO SUPPLY REQUIRED BATHROOM RECEPTACLE(S). LIGHTING AND EXHAUST FAN LOADS MAY BE ON SAME CIRCUIT. (NEC210.11.(C)(E))
10. AT LEAST ONE OF THE RECEPTACLE OUTLETS SERVING THE LAUNDRY AREA SHALL BE ON A DEDICATED 20 AMP CIRCUIT PER NEC 210.11(C)(2)
11. ALL NEW RECEPTACLES TO BE TAMPER RESISTANT.
12. AFCI PROTECTION FOR NEW AND EXTENDED CIRCUITS SHALL BE PROVIDED IN THE FOLLOWING AREAS: KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, LAUNDRY AREAS OR SIMILAR ROOMS AND AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT INTERRUPTER, COMBINATION TYPE, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT. (NEC 210.12(A))
13. HOME OWNER SHALL DO A WALK-THRU WITH RELEVANT INSTALLERS TO VERIFY EXACT LOCATION FOR OUTLETS, LIGHTS, SWITHCES, CABLE, DATA, PHONE, AUDIO, ETC.

**MECHANICAL NOTES:**

1. DIRECTLY VENT ALL BATHROOM EXHAUST AIR TO THE OUTSIDE
2. PER RCO 106.1.3 (8) THE HVAC CONTRACTOR SHALL SUBMIT A COMPLETE DESCRIPTION OF THE HVAC SYSTEM PRIOR TO COMMENCING INSTALLATION OF SAID WORK.

**PLUMBING NOTES:**

1. PER RCO 106.1.3 (8) THE PLUMBING CONTRACTOR SHALL SUBMIT A COMPLETE DESCRIPTION OF THE PLUMBING SYSTEM PRIOR TO COMMENCING INSTALLATION OF SAID WORK

**AUDIO:**

1. LOCATE SPEAKERS AND AUDIO CONTROLS AS INDICATED IN THE PLAN; RUN CIRCUIT OF SPEAKER WIRING TO AUDIO HOME PANEL SPECIFIED BY FLOOR;
2. AUDIO SPEAKERS TO BE APPROVED BY HOME OWNER;
3. LOCATE JACKS AS INDICATED IN THE PLAN; INSTALL DATA / CABLE PANEL SIMILAR TO "ON Q". SYSTEM TO BE APPROVED BY HOME OWNER.

**DATA / CABLE:**

LOCATE SECURITY PANELS AS INDICATED IN THE PLAN; SYSTEM TO BE APPROVED BY HOME OWNER.

REV.

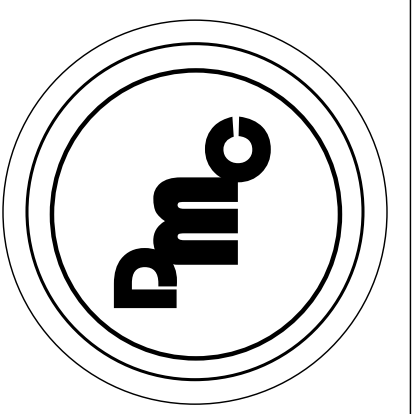
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09.19.24: RESPONSE TO NONCONFORMANCE PLAN APPROVAL RECEIVED 10.01.24

11.21.24: RESPONSE TO ADJUDICATION ORDER RECEIVED 11.21.24

DESIGN: DANIEL MARGULIES COMPANY INC.

1210 CHASE AVENUE  
LAKEWOOD, OHIO 44107  
TEL: 440.356.0888  
EMAIL: daniel@dmc.ohioemail.com

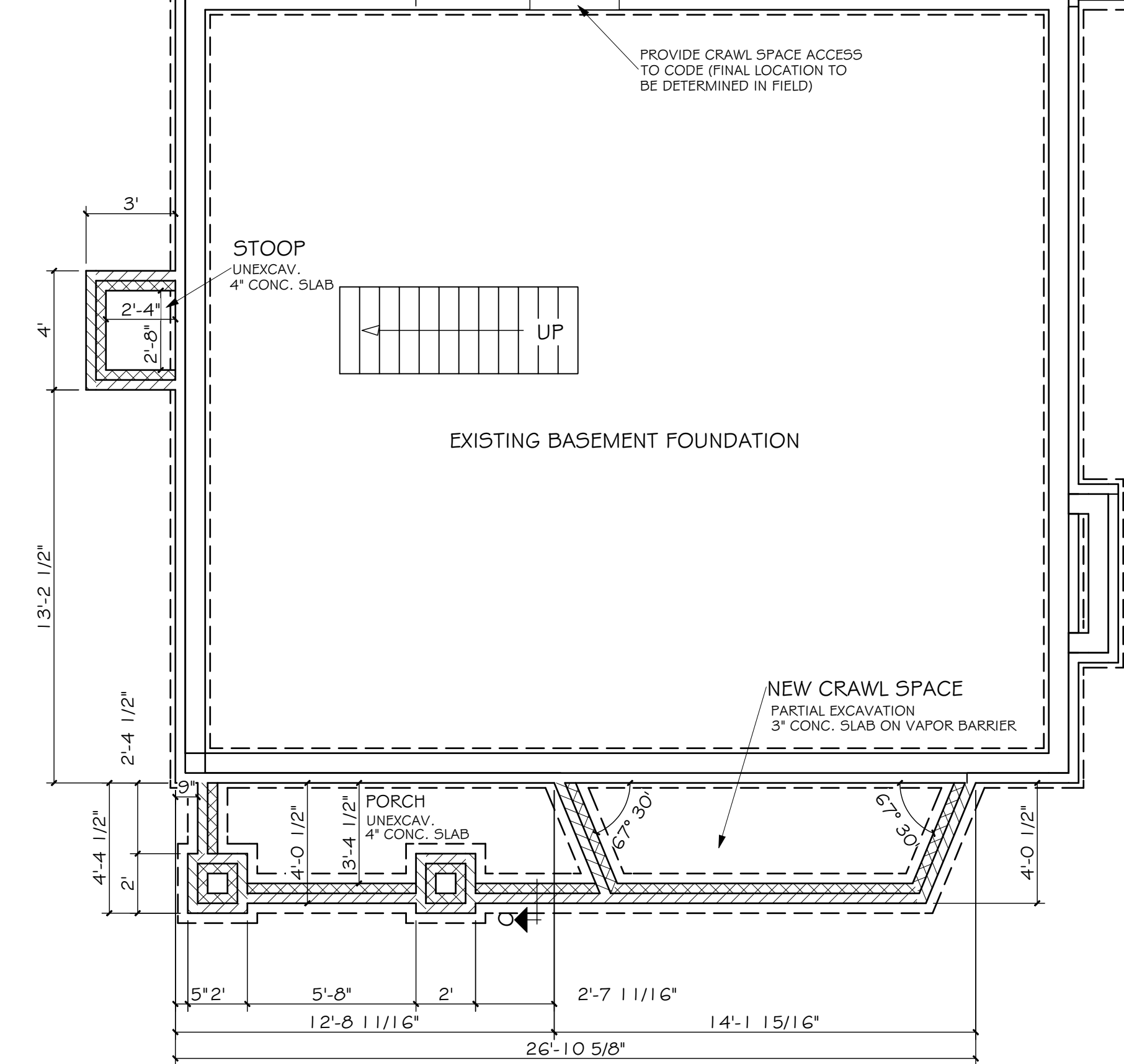
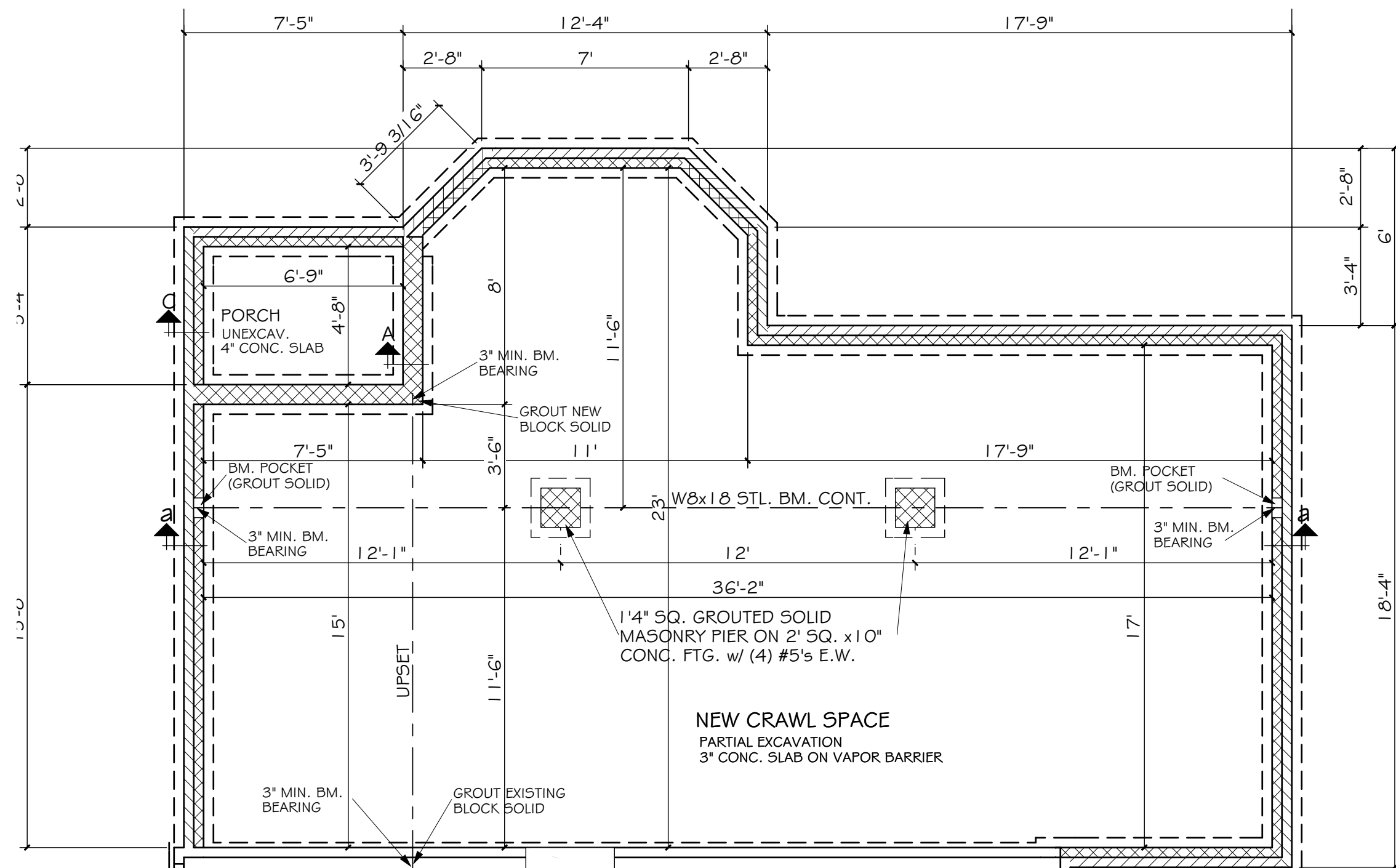


ADDITION, RENOVATION and NEW DETACHED GARAGE for:

**THE MEREDITH RESIDENCE**

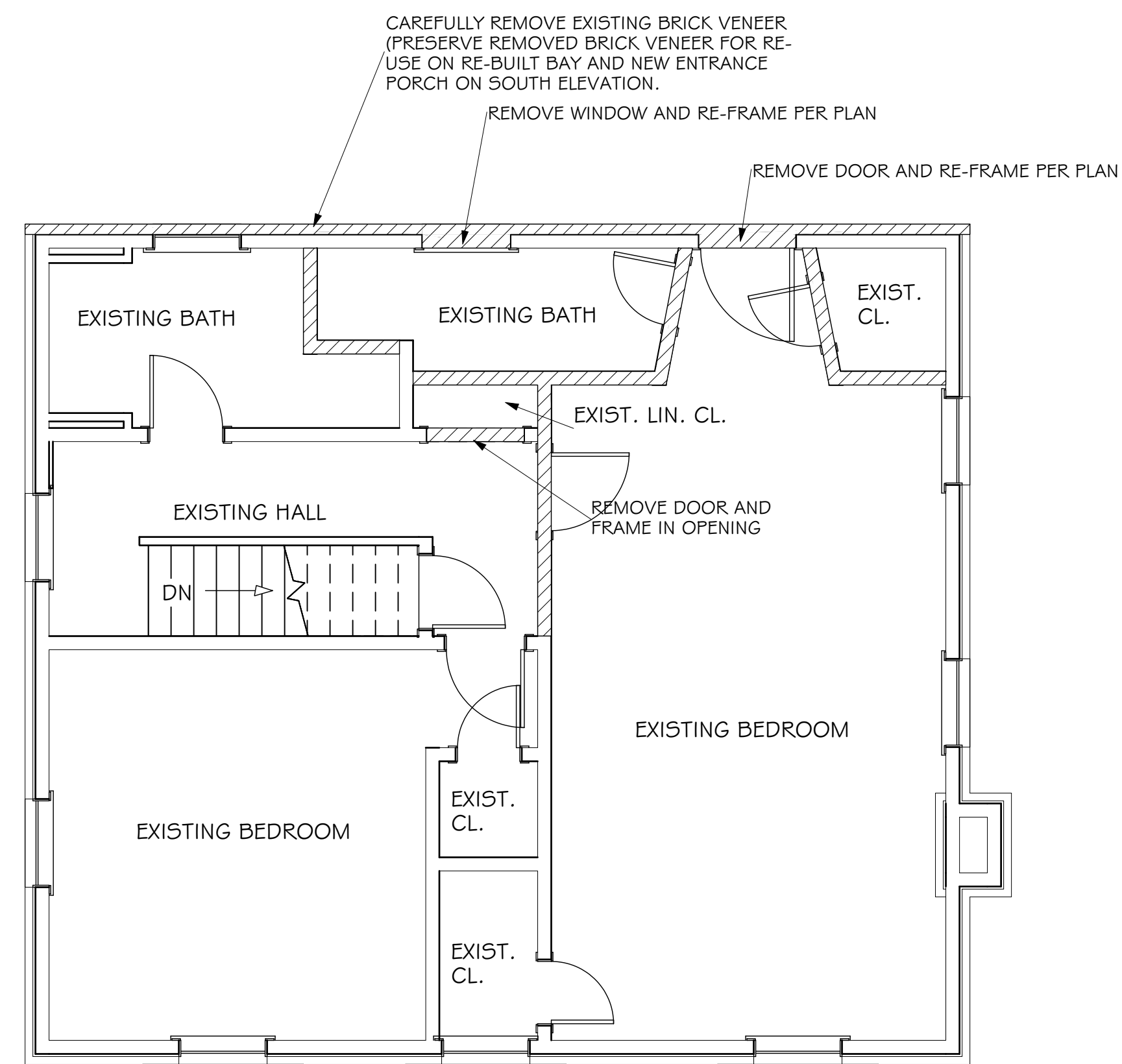
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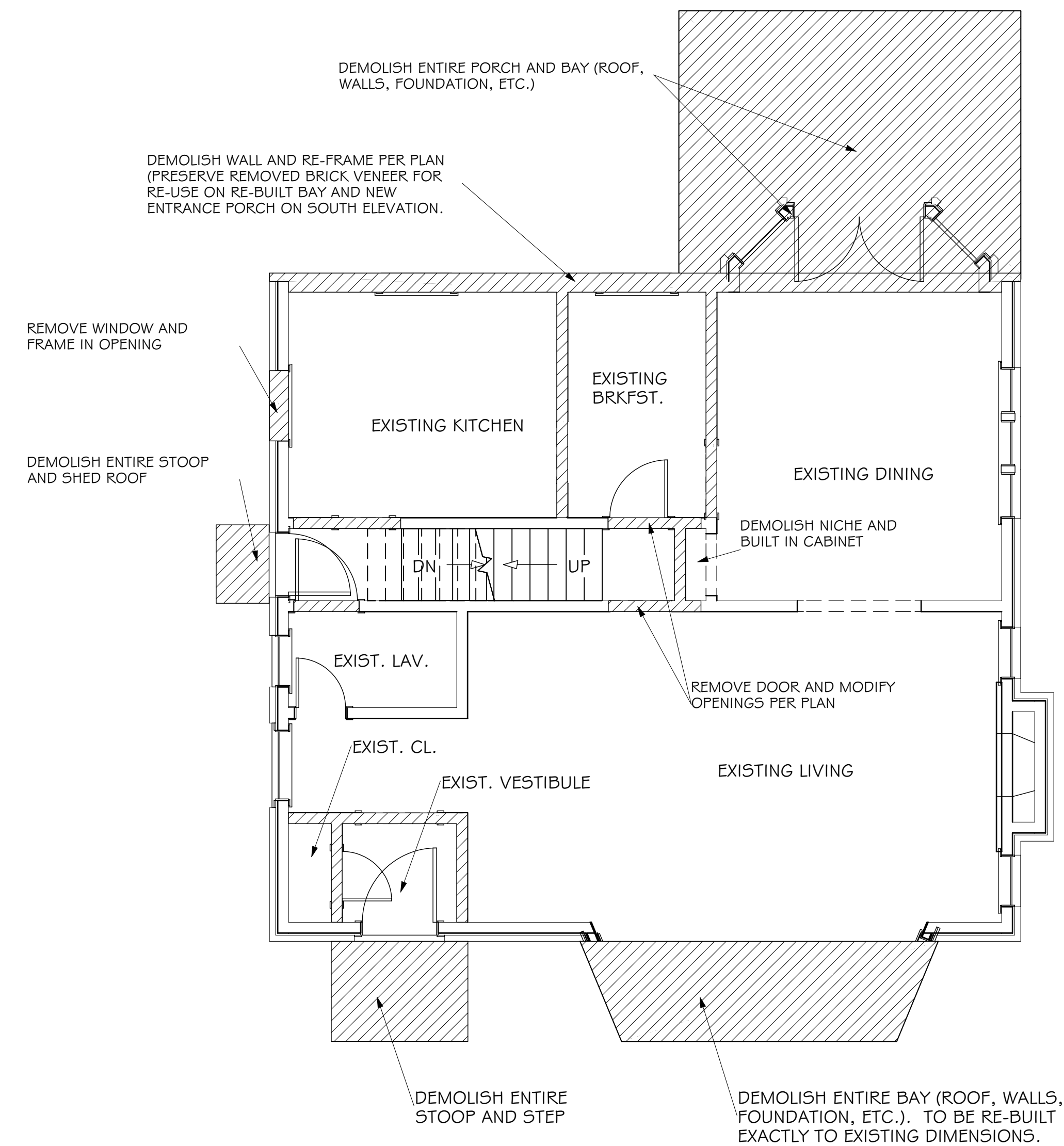


**FOUNDATION PLAN**  
1/4" = 1'-0"

- WALL LEGEND**
- EXISTING WALL TO REMAIN
  - EXISTING FRAME WALL TO BE DEMOLISHED



**SECOND FLOOR DEMOLITION PLAN**  
1/4" = 1'-0" EXISTING CONDITIONS



**FIRST FLOOR DEMOLITION PLAN**  
1/4" = 1'-0" EXISTING CONDITIONS

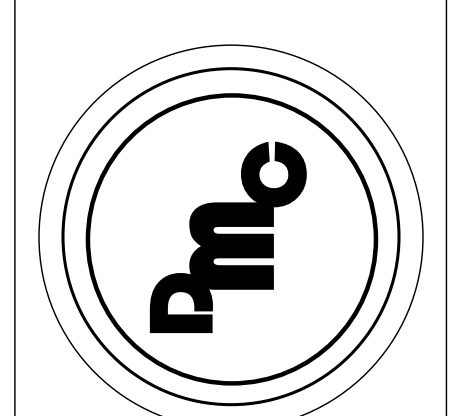
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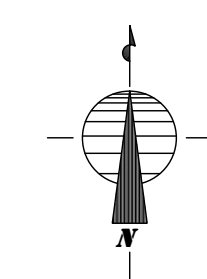
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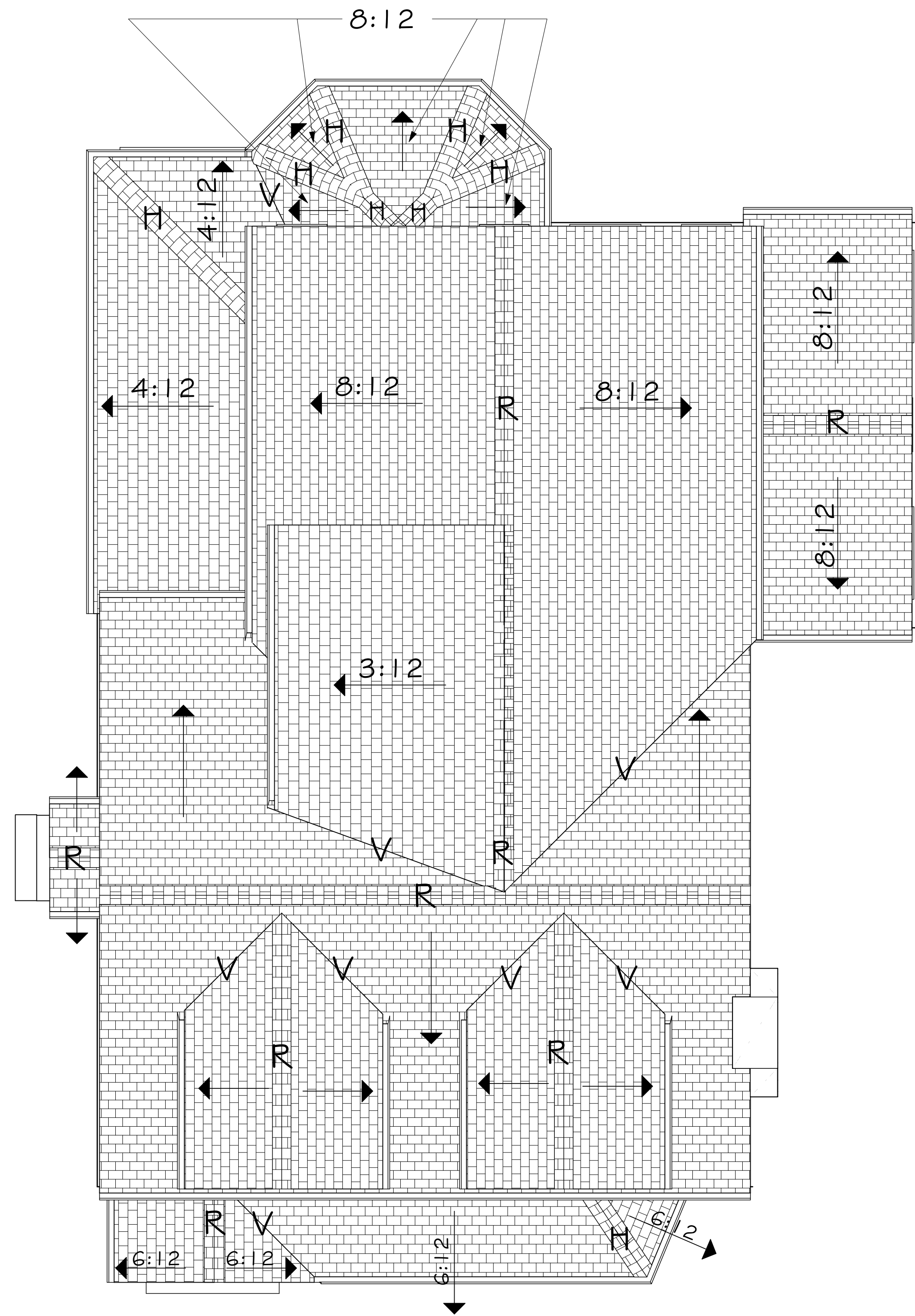


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**ROOF PLAN**  
1/4" = 1'-0"


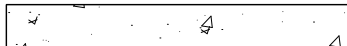
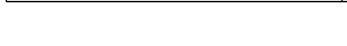
#: 12 → DIRECTION OF WATER FLOW AND ROOF PLANE PITCH. ROOF PLANES WITHOUT A PITCH NUMBER DESIGNATION ARE EXISTING AND TO REMAIN. "ICE GUARD" ON ALL VALLEYS, 3' UP ON ALL EAVES AND ENTIRELY ON ANY ROOF PLANE 4:12 OR LESS. INSTALL CONTINUOUS RIDGE VENTING WHERE APPLICABLE.

R- RIDGE  
H- HIP  
V- VALLEY

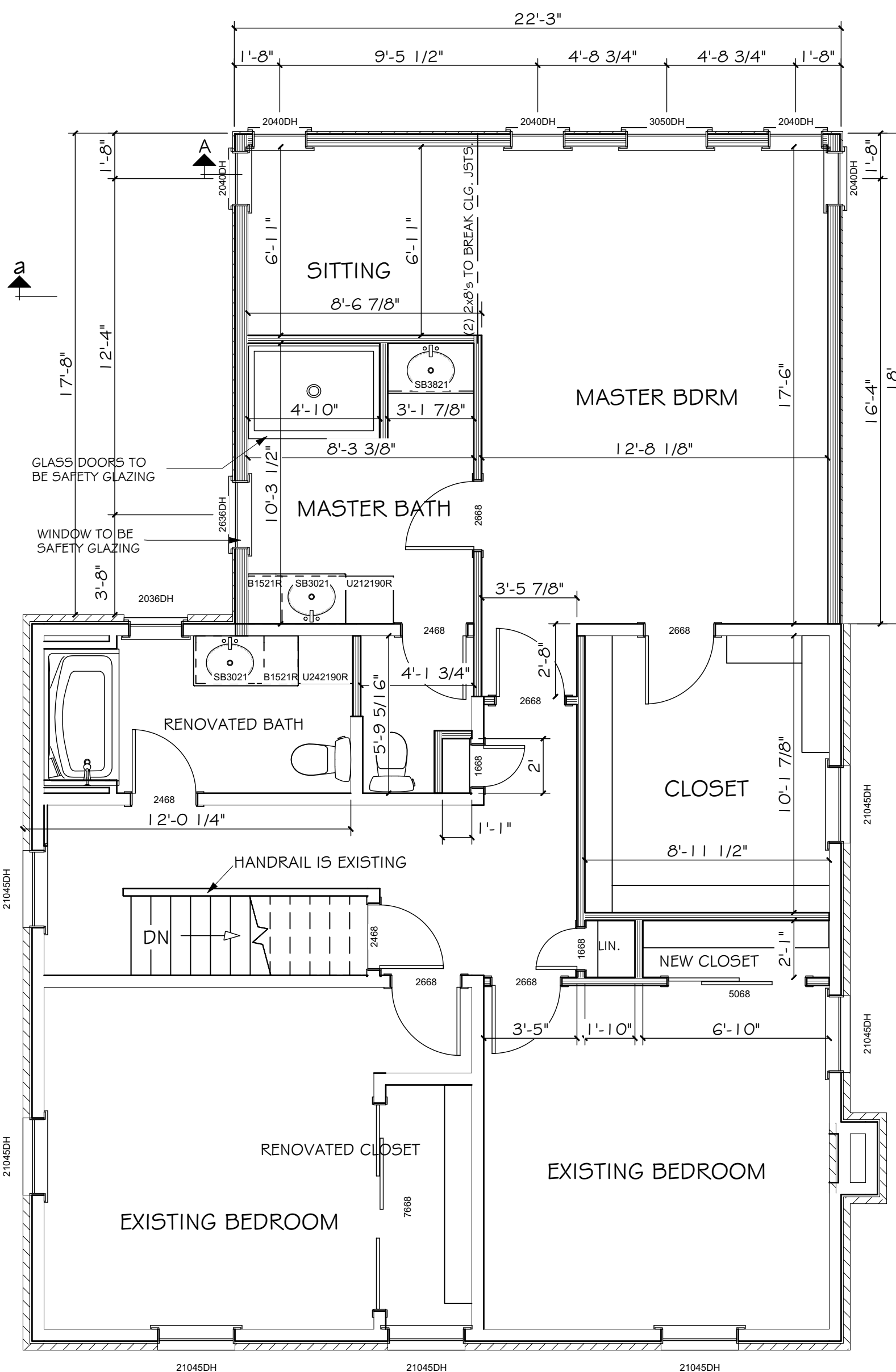
HEADER SCHEDULE	
LENGTH	SIZE
UP TO 3'-0"	(2) 2x4's w/ 1/2" PLYWD.
3'-0" TO 5'-0"	(2) 2x6's w/ 1/2" PLYWD.
5'-0" TO 7'-0"	(2) 2x8's w/ 1/2" PLYWD.
7'-0" TO 8'-0"	(2) 2x10's w/ 1/2" PLYWD.
8'-0" TO 9'-0"	(2) 2x12's w/ 1/2" PLYWD.
OVER 9'-0"	SEE INDIVIDUAL OPENING ON FLOOR PLANS

NOTE: THIS HEADER SCHEDULE IS A GENERAL GUIDELINE ONLY. PLEASE REFER TO "RCO" 602.7 AND 106.1.3 FOR ACTUAL HEADER SIZING DEPENDING ON LOADING CONDITIONS. HEADERS THAT ARE NOT INDICATED IN "RCO" 602.7 ARE NOTED INDIVIDUALLY ON PLANS

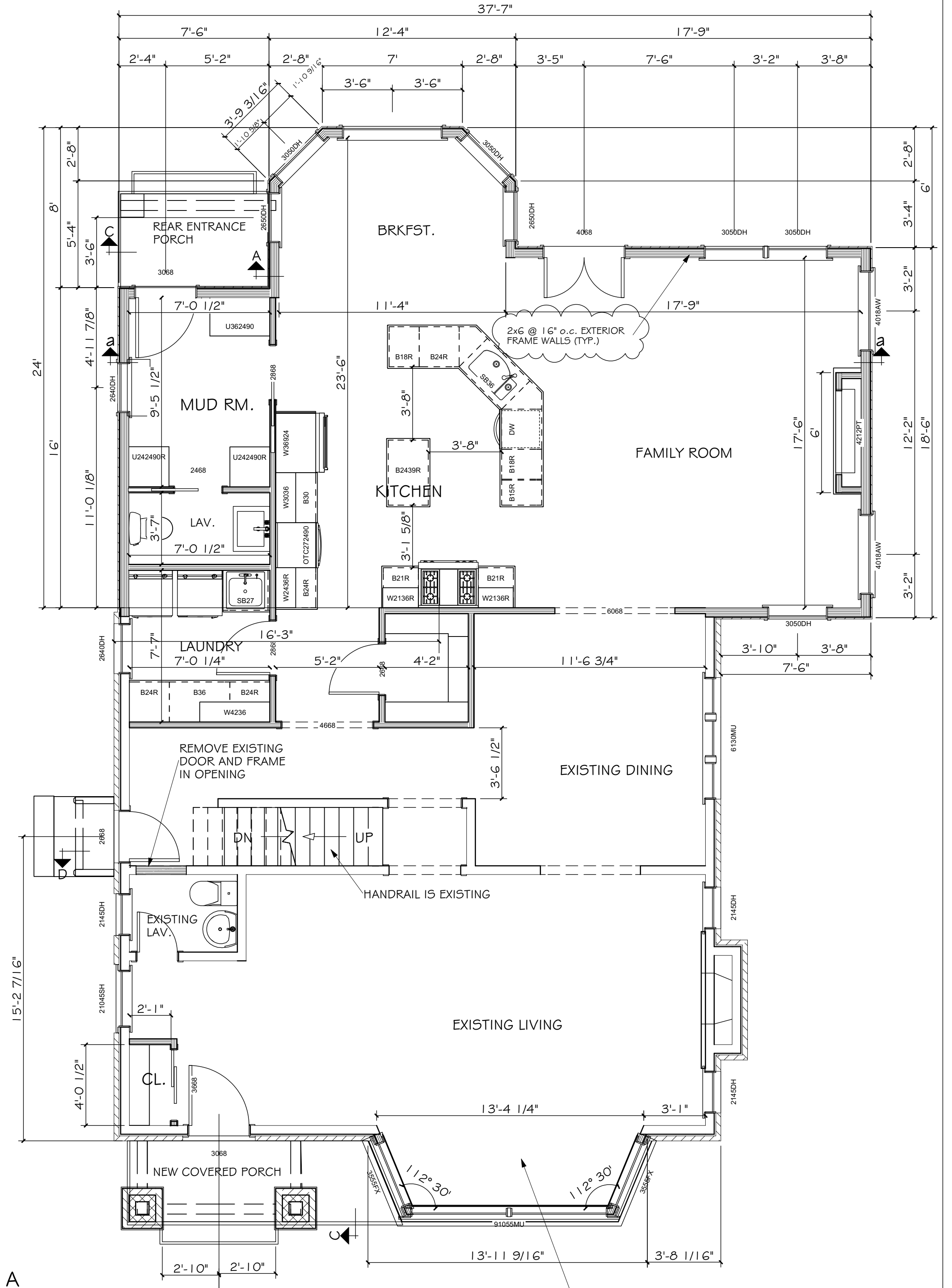
**WALL LEGEND**

-  EXISTING WALL TO REMAIN
-  NEW 8" POURED CONC. FOUNDATION WALL
-  NEW 2x4 INTERIOR OR 2x6 EXTERIOR WOOD FRAMED WALL

NOTE: WINDOWS AND DOORS WITHOUT A LABEL ARE EXISTING AND TO REMAIN. ALL NEW WINDOWS AND EXTERIOR DOORS TO HAVE U-VALUE OF 0.30 OR BETTER.



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

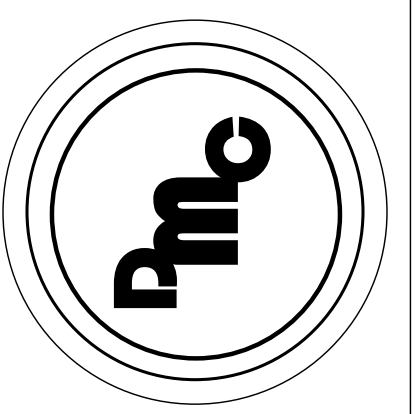


**FIRST FLOOR PLAN**  
1/4" = 1'-0"

REBUILD ENTIRE BAY (FOUNDATION, FRAME AND WINDOWS) USING CURRENT EXISTING DIMENSIONS

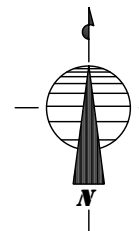
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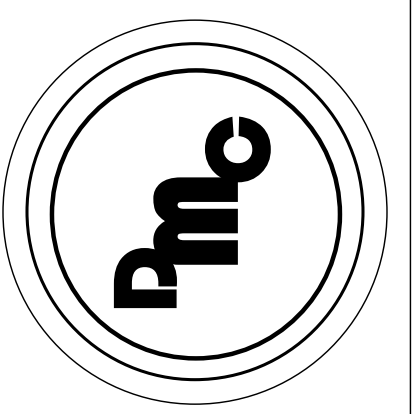
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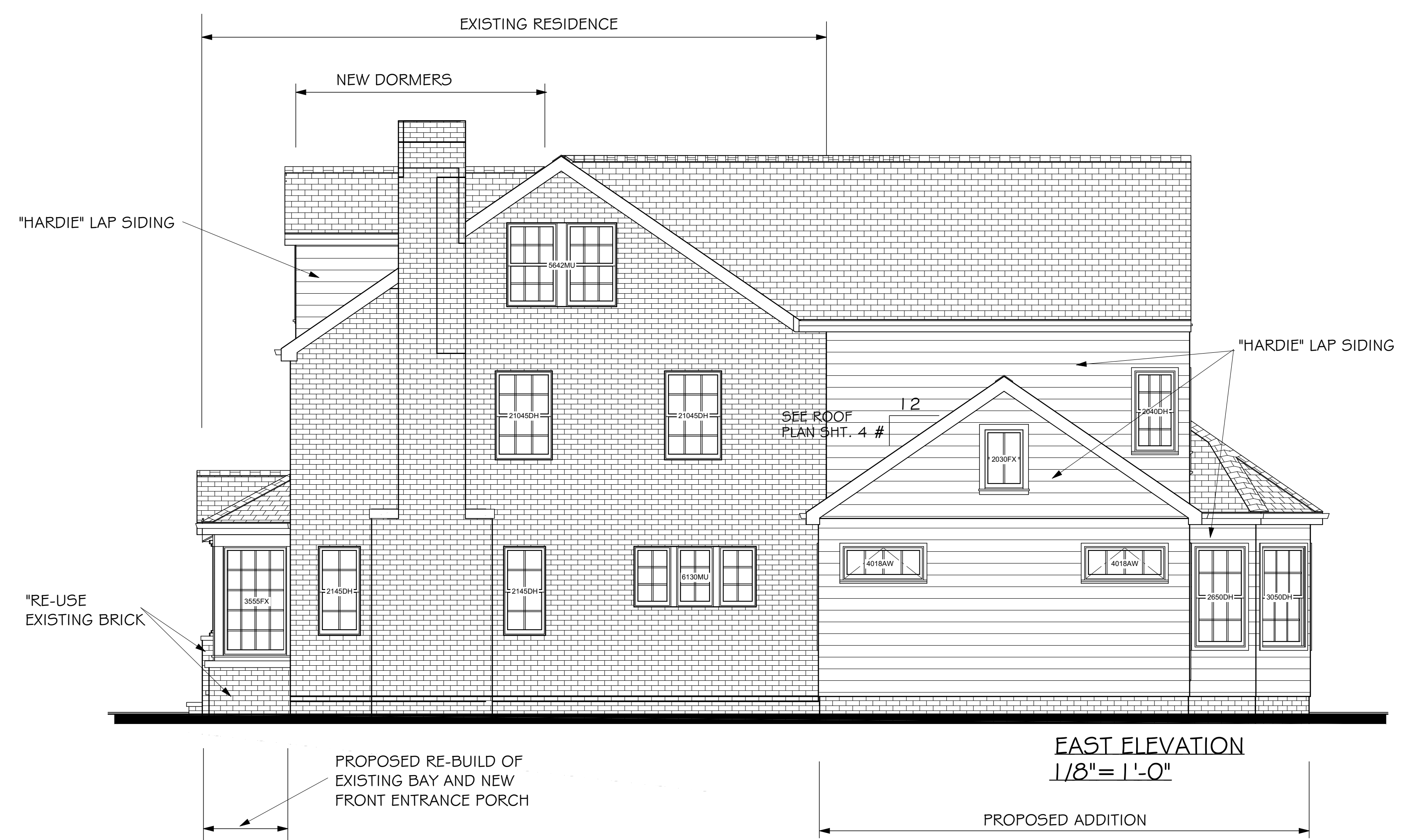
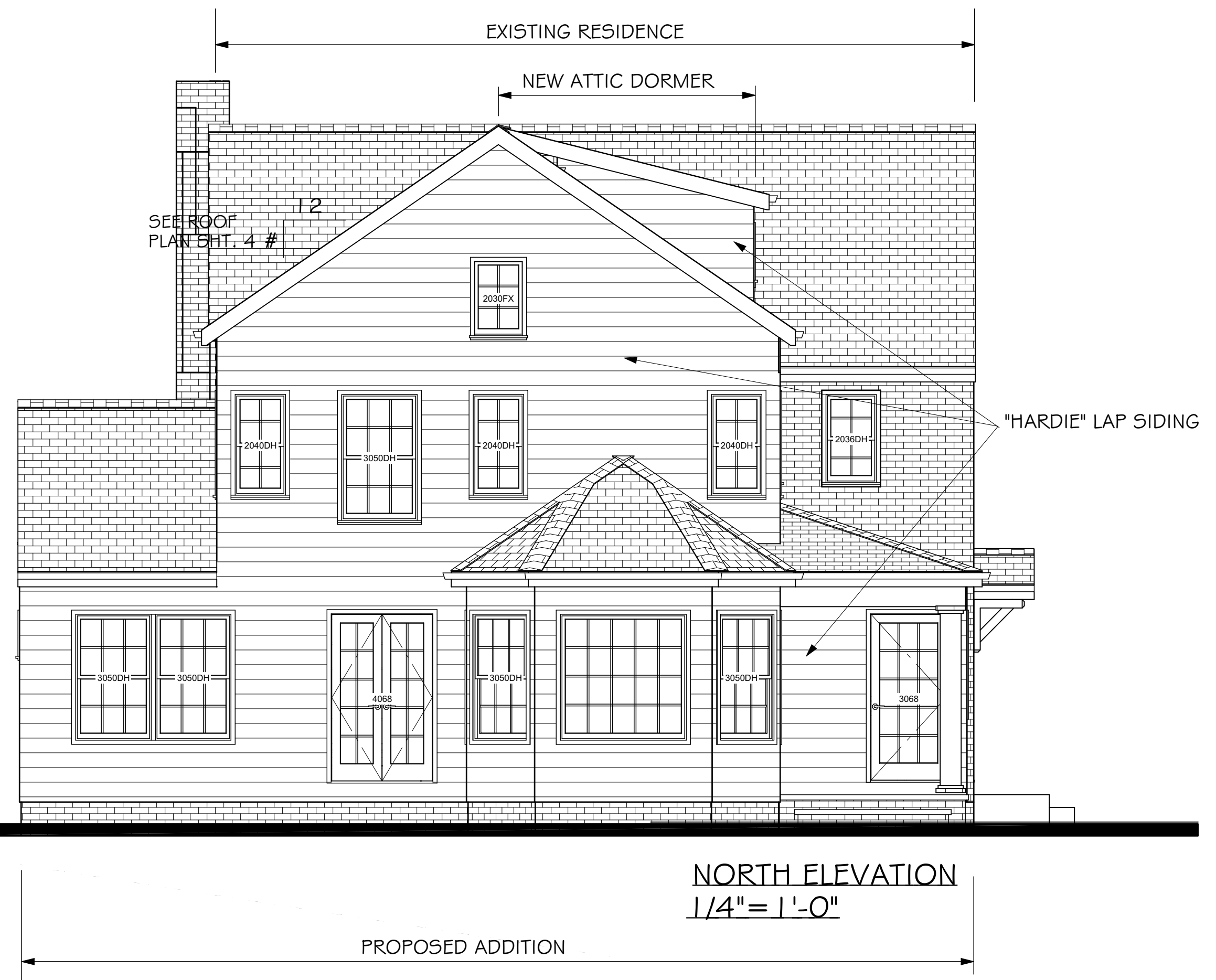
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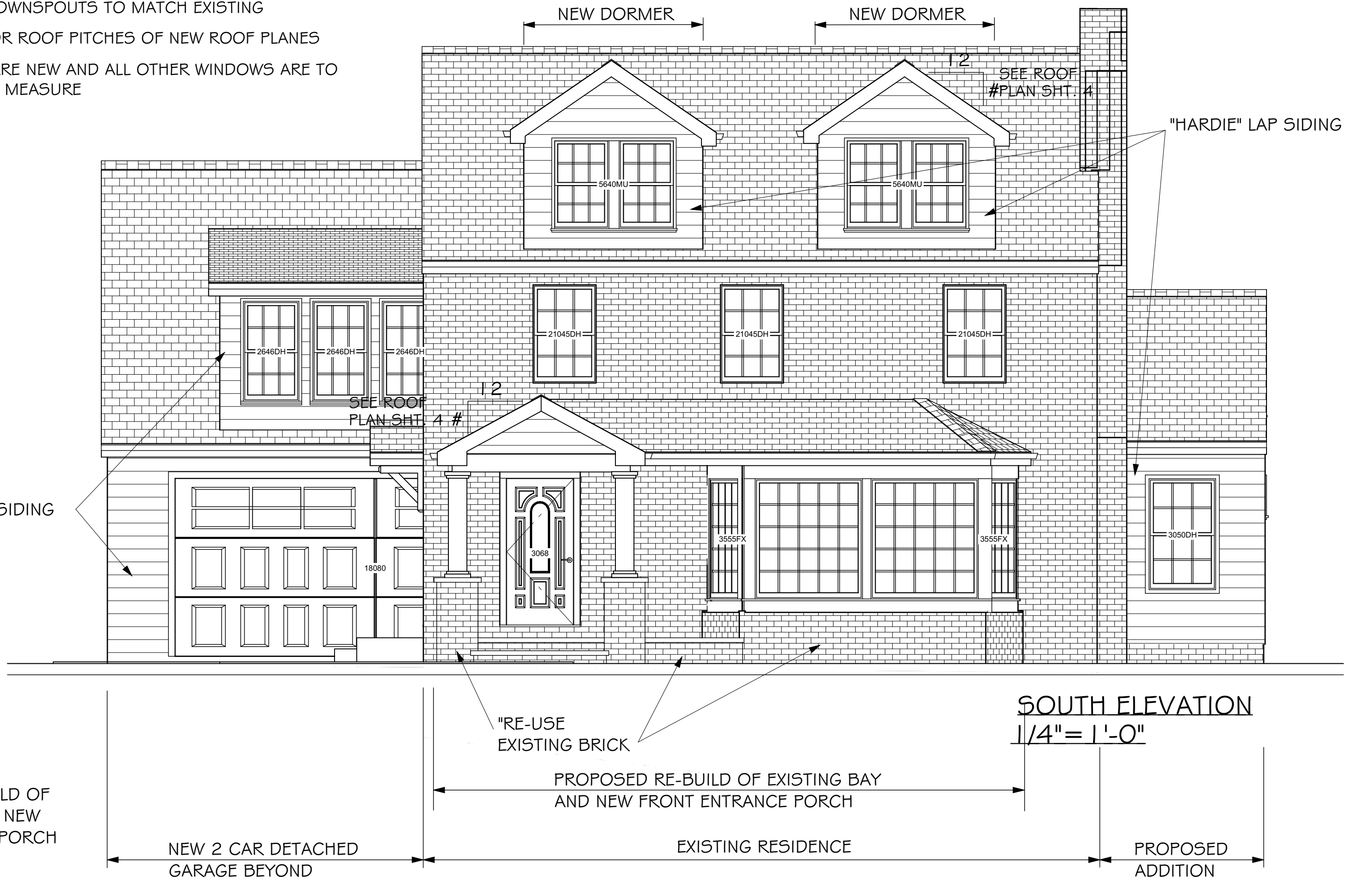
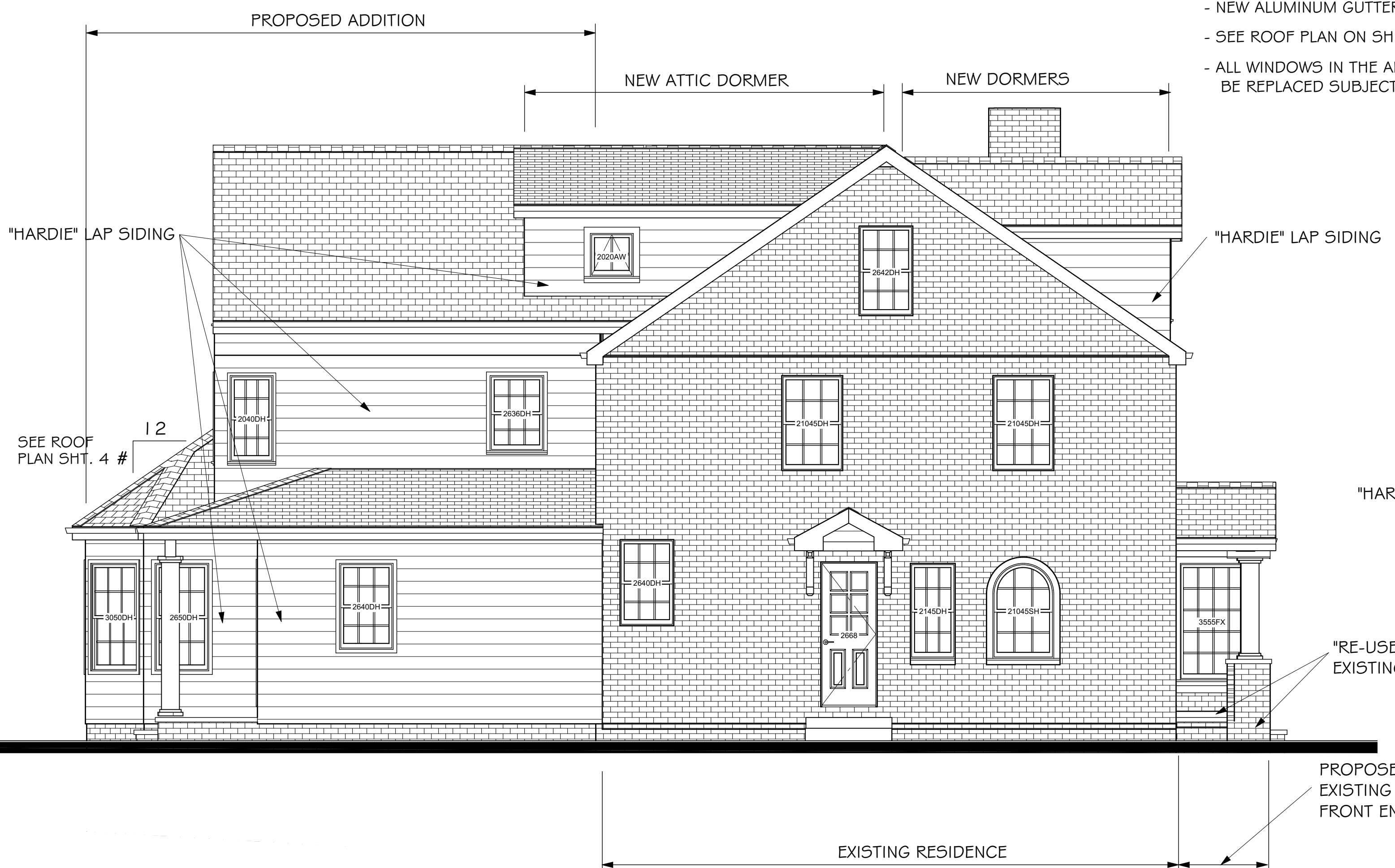
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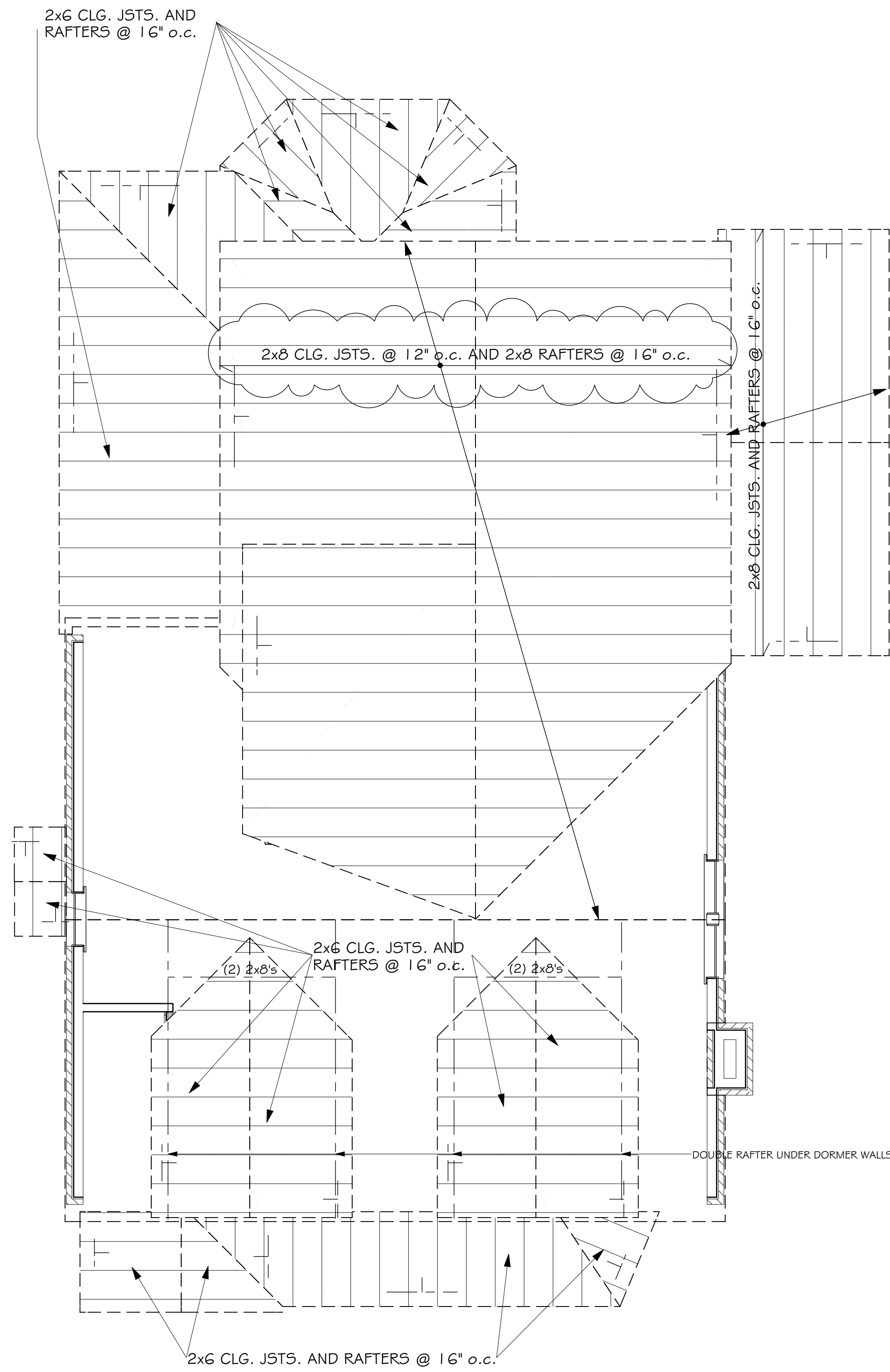
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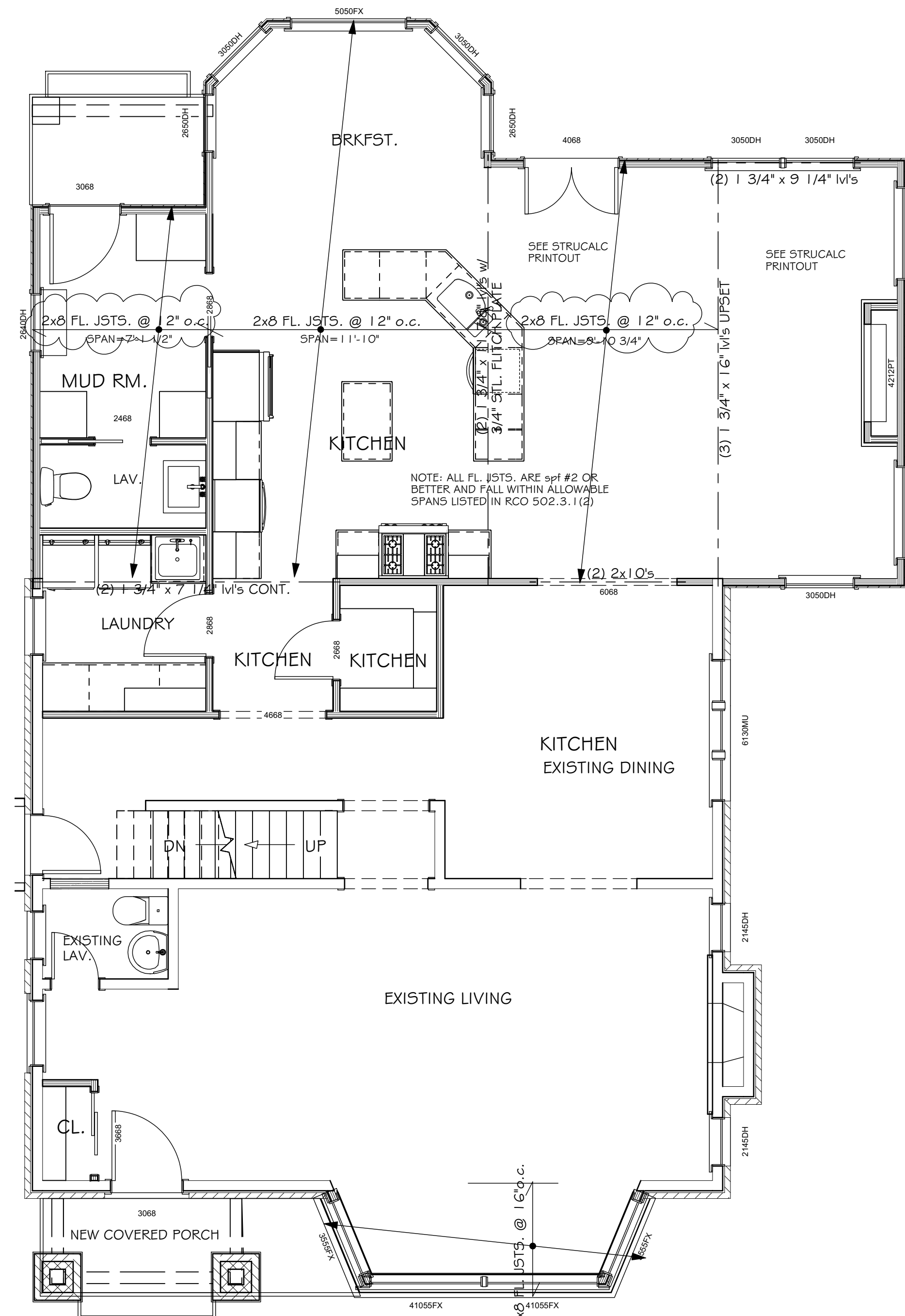
**EXTERIOR MATERIALS**

- ROOF: DIMENSIONAL ASPHALT COMPOSITION SHINGLES
- WALLS: "HARDIE" LAP SIDING AND RE-USED BRICK VENEER AS NOTED ON ELEVATIONS
- RAKES, EAVES AND SOFFITS TO BE ALUM. OR VINYL
- NEW ALUMINUM GUTTERS AND DOWNSPOUTS TO MATCH EXISTING
- SEE ROOF PLAN ON SHEET #4 FOR ROOF PITCHES OF NEW ROOF PLANES
- ALL WINDOWS IN THE ADDITION ARE NEW AND ALL OTHER WINDOWS ARE TO BE REPLACED SUBJECT TO FIELD MEASURE

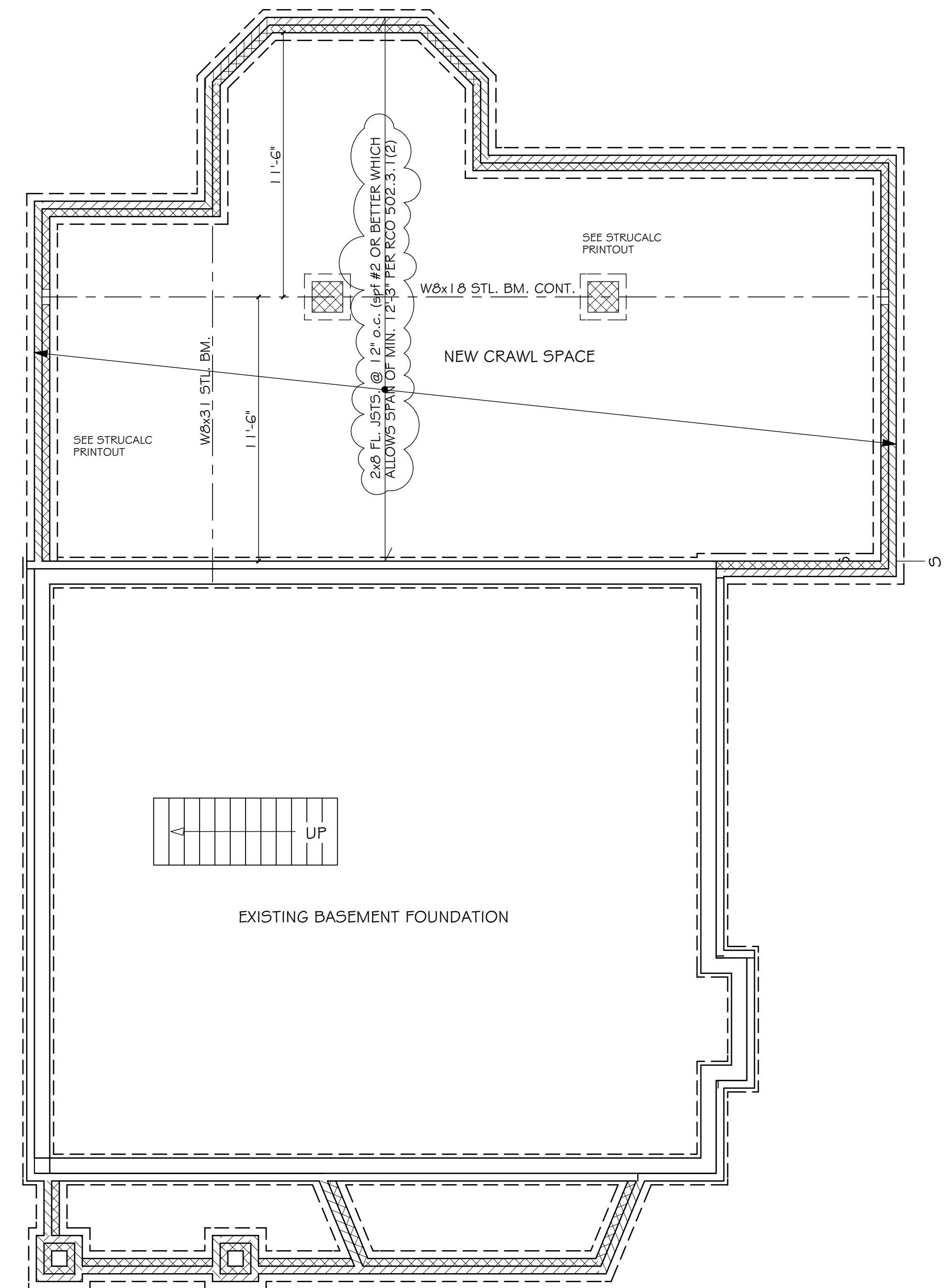




**ROOF FRAMING PLAN**  
 1/4" = 1'-0"  
 ROOF PLANES w/o RAFTER DIRECTION INDICATION ARE EXISTING AND TO REMAIN



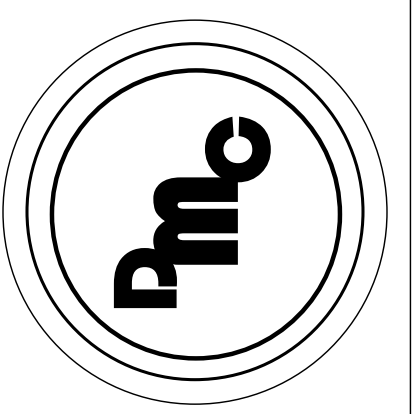
**SECOND FLOOR FRAMING PLAN**  
 1/4" = 1'-0"  
 ON FIRST FLOOR PLAN



**FIRST FLOOR FRAMING PLAN**  
 1/4" = 1'-0"  
 ON FOUNDATION PLAN

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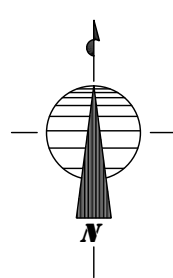
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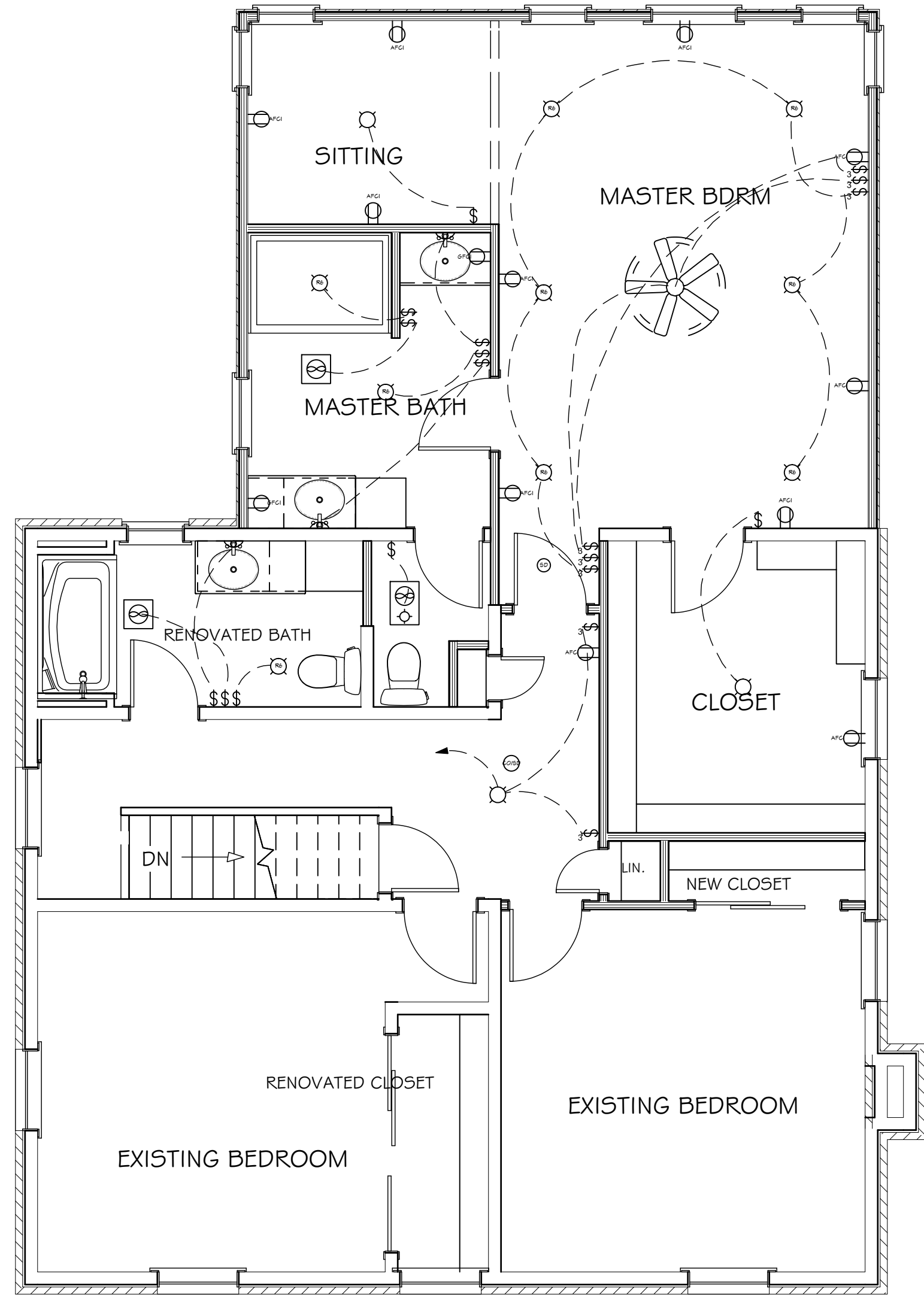
SHEET NO.  
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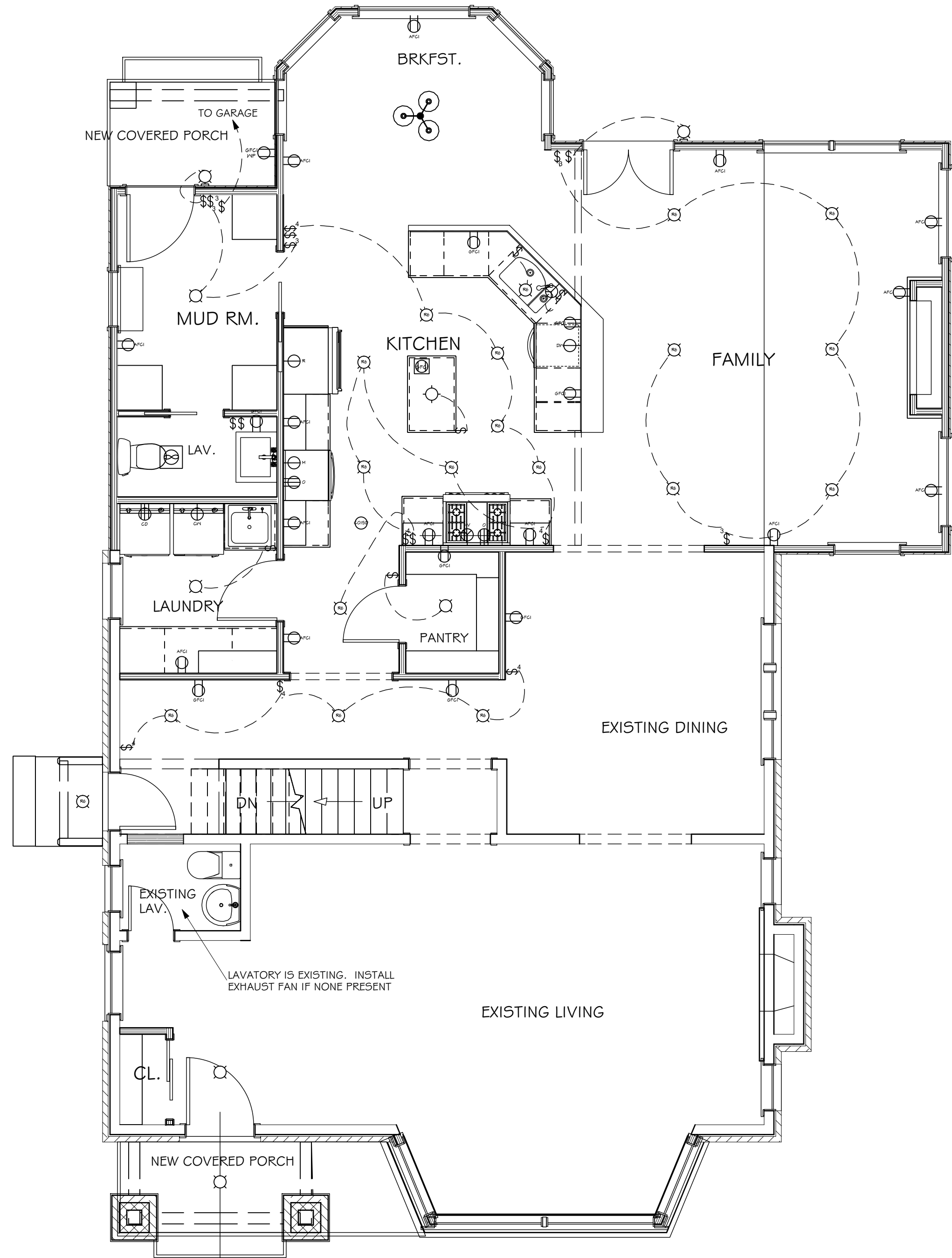




SECOND FLOOR ELECTRICAL PLAN  
1/4" = 1'-0"

ELECTRICAL - DATA - AUDIO LEGEND	
SYMBOL	DESCRIPTION
	Ceiling Fan
	Ventilation Fans: Ceiling Mounted, Wall Mounted
	Ceiling Mounted Light Fixtures: Surface/Pendant, Recessed, Heat Lamp, Low Voltage
	Wall Mounted Light Fixtures: Flush Mounted, Wall Sconce
	Chandelier Light Fixture
	Fluorescent Light Fixture
	240V Receptacle
	110V Receptacles: Duplex, Weather Proof, GFCI, AFCI
	Switches: Single Pole, Weather Proof, 3-Way, 4-Way
	Switches: Dimmer, Timer
	Audio Video: Control Panel, Switch
	Speakers: Ceiling Mounted, Wall Mounted
	Wall Jacks: CAT5, CAT5 + TV, TV/Cable
	Telephone Jack
	Intercom
	Thermostat
	Door Chime, Door Bell Button
	Carbon Monoxide and/or Smoke Detectors: Ceiling Mounted, Wall Mounted
	Electrical Breaker Panel

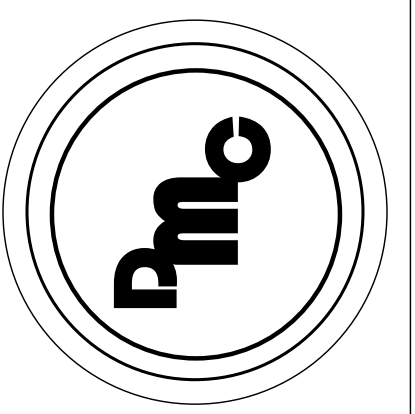
NOTE: THE DRAWINGS ON THIS SHEET REPRESENT A BASIC ELECTRICAL PACKAGE FOR THE NEW WORK TO BE DONE. THEY ARE SUBJECT TO CHANGE AS DEMOLITION TAKES PLACE AND FINAL INTERIOR DESIGN IS IMPLEMENTED. NEW DRAWINGS, AS NEEDED, WILL BE SUBMITTED TO THE CITY REFLECTING ANY AND ALL REVISIONS TO THESE PLANS. ROOMS WITH NO ELECTRICAL INDICATIONS ARE EXISTING AND SUBJECT TO CHANGE IN THE FIELD.



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

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