

# DHDC 22-7707

## APPROVAL DOCUMENT – POST AT WORK LOCATION

CITY OF DETROIT  
HISTORIC DISTRICT COMMISSION

2 WOODWARD, SUITE 808  
DETROIT, MICHIGAN 48226

4/19/22

### CERTIFICATE OF APPROPRIATENESS

Kevin Brandon  
BMK Design+Planning, LLC  
17664 Manderson  
Detroit, MI 48202

**RE: Application Numbers 22-7707; 17664 Manderson; Palmer Park Apartment Buildings Historic District**

Dear Applicant,

At the Regular Meeting that was held on April 13, 2022, the Detroit Historic District Commission (“DHDC”) reviewed the above-referenced application. Pursuant to Section 5(1) of the Michigan Local Historic District Act, as amended, being MCL 399.205 (1) and Sections 21-2-73/21-2-78 of the 2019 Detroit City Code; the DHDC hereby issues a Certificate of Appropriateness (“COA”) for the following work, effective on April 19, 2022, as it meets the Secretary of Interior’s Standards for Rehabilitation and the district’s Elements of Design:

- ***Erect 1 trash enclosure structures per attached drawing.***
- ***Replace existing chain link fence with ornamental fence per attached drawings.***

*The Certificate of Appropriateness is issued with the following conditions:*

- ***The applicant provides drawings to HDC staff for review and approval that show the trash structure to be brick, except for the front and rear gables, which shall remain Hardie-board, color off-white.***

Please retain this COA for your files and post it at the subject property until work is complete. It is important to note that approval by the DHDC does not waive the applicant's responsibility to comply with any other applicable ordinances or statutes. If you have any questions regarding the foregoing, please contact staff at 313-224-1762 or [hdc@detroitmi.gov](mailto:hdc@detroitmi.gov).

For the Commission:



Daniel Rieden  
Detroit Historic District Commission

THIS IS A 3-PAGE FORM - ALL INFORMATION IS REQUIRED FOR PROJECT REVIEW

# HISTORIC DISTRICT COMMISSION PROJECT REVIEW REQUEST

City of Detroit - Planning & Development Department  
2 Woodward Avenue, Suite 808  
Detroit, Michigan 48226

Date: 02-10-2022

## PROPERTY INFORMATION

ADDRESS: 17664 Manderson AKA: Covington Townhomes

HISTORIC DISTRICT: Palmer Park Apartment Buildings Historic District

SCOPE OF WORK: (Check ALL that apply)

<input type="checkbox"/> Windows/ Doors	<input type="checkbox"/> Roof/Gutters/ Chimney	<input type="checkbox"/> Porch/ Deck	<input type="checkbox"/> Landscape/Fence/ Tree/Park	<input type="checkbox"/> General Rehab
<input type="checkbox"/> New Construction	<input type="checkbox"/> Demolition	<input type="checkbox"/> Addition	<input checked="" type="checkbox"/> Other: <u>Trash Enclosure</u>	

## APPLICANT IDENTIFICATION

Property Owner/  
Homeowner     Contractor     Tenant or  
Business Occupant     Architect/Engineer/  
Consultant

NAME: Kevin Brandon COMPANY NAME: BmK Design+Planning, LLC

ADDRESS: 17664 Manderson CITY: Detroit STATE: MI ZIP: 48203

PHONE: \_\_\_\_\_ MOBILE: 248-303-1446 EMAIL: kmb@bmkdp.com

## PROJECT REVIEW REQUEST CHECKLIST

Please attach the following documentation to your request:

**\*PLEASE KEEP FILE SIZE OF ENTIRE SUBMISSION UNDER 30MB\***

- Completed Building Permit Application** (highlighted portions only)
- ePLANS Permit Number** (only applicable if you've already applied for permits through ePLANS)
- Photographs** of ALL sides of existing building or site
- Detailed photographs** of location of proposed work (photographs to show existing condition(s), design, color, & material)
- Description of existing conditions** (including materials and design)
- Description of project** (if replacing any existing material(s), include an explanation as to why replacement--rather than repair--of existing and/or construction of new is required)
- Detailed scope of work** (formatted as bulleted list)
- Brochure/cut sheets** for proposed replacement material(s) and/or product(s), as applicable

### NOTE:

Based on the scope of work, additional documentation may be required.

See [www.detroitmi.gov/hdc](http://www.detroitmi.gov/hdc) for scope-specific requirements.

Upon receipt of this documentation, staff will review and inform you of the next steps toward obtaining your building permit from the Buildings, Safety Engineering and Environmental Department (BSEED) to perform the work.

**SUBMIT COMPLETED REQUESTS TO [HDC@DETROITMI.GOV](mailto:HDC@DETROITMI.GOV)**

# P2 - BUILDING PERMIT APPLICATION

Date: 03-07-2022

## PROPERTY INFORMATION

Address: 17664 Manderson Drive Floor: \_\_\_\_\_ Suite#: \_\_\_\_\_ Stories: \_\_\_\_\_  
 AKA: Covington Townhomes Lot(s): \_\_\_\_\_ Subdivision: \_\_\_\_\_  
 Parcel ID#(s): \_\_\_\_\_ Total Acres: \_\_\_\_\_ Lot Width: \_\_\_\_\_ Lot Depth: \_\_\_\_\_  
 Current Legal Use of Property: \_\_\_\_\_ Proposed Use: \_\_\_\_\_  
 Are there any existing buildings or structures on this parcel?  Yes  No

## PROJECT INFORMATION

Permit Type:  New  Alteration  Addition  Demolition  Correct Violations  
 Foundation Only  Change of Use  Temporary Use  Other: \_\_\_\_\_  
 Revision to Original Permit #: \_\_\_\_\_ (Original permit has been issued and is active)

Description of Work (Describe in detail proposed work and use of property, attach work list)

Construction of Trash Enclosure Garage and Window Replacement

MBC use change  No MBC use change

Included Improvements (Check all applicable; these trade areas require separate permit applications)

HVAC/Mechanical  Electrical  Plumbing  Fire Sprinkler System  Fire Alarm

### Structure Type

New Building  Existing Structure  Tenant Space  Garage/Accessory Building  
 Other: \_\_\_\_\_ Size of Structure to be Demolished (LxWxH) \_\_\_\_\_ cubic ft.

Construction involves changes to the floor plan?  Yes  No

(e.g. interior demolition or construction to new walls)

Use Group: \_\_\_\_\_ Type of Construction (per current MI Bldg Code Table 601) \_\_\_\_\_

Estimated Cost of Construction \$ \_\_\_\_\_ By Contractor \$ \_\_\_\_\_ By Department

### Structure Use

Residential-Number of Units: \_\_\_\_\_  Office-Gross Floor Area \_\_\_\_\_  Industrial-Gross Floor Area \_\_\_\_\_  
 Commercial-Gross Floor Area: \_\_\_\_\_  Institutional-Gross Floor Area \_\_\_\_\_  Other-Gross Floor Area \_\_\_\_\_

Proposed No. of Employees: \_\_\_\_\_ List materials to be stored in the building: \_\_\_\_\_

PLOT PLAN SHALL BE submitted on separate sheets and shall show all easements and measurements (must be correct and in detail). SHOW ALL streets abutting lot, indicate front of lot, show all buildings, existing and proposed distances to lot lines. (Building Permit Application Continues on Next Page)

### For Building Department Use Only

Intake By: \_\_\_\_\_ Date: \_\_\_\_\_ Fees Due: \_\_\_\_\_ DngBld?  No

Permit Description: \_\_\_\_\_

Permit #:

Current Legal Land Use: \_\_\_\_\_ Proposed Use: \_\_\_\_\_

Permit#: \_\_\_\_\_ Date Permit Issued: \_\_\_\_\_ Permit Cost: \$ \_\_\_\_\_

Zoning District: \_\_\_\_\_ Zoning Grant(s): \_\_\_\_\_

Lots Combined?  Yes  No (attach zoning clearance)

Revised Cost (revised permit applications only) Old \$ \_\_\_\_\_ New \$ \_\_\_\_\_

Structural: \_\_\_\_\_ Date: \_\_\_\_\_ Notes: \_\_\_\_\_

Zoning: \_\_\_\_\_ Date: \_\_\_\_\_ Notes: \_\_\_\_\_

Other: \_\_\_\_\_ Date: \_\_\_\_\_ Notes: \_\_\_\_\_

HDC NOTE:  
APPLICANT  
WITHDREW  
WINDOW  
REPLACEMENT  
FROM  
APPLICATION ON  
4/13/22



**IDENTIFICATION** (All Fields Required)

**Property Owner/Homeowner**

Property Owner/Homeowner is Permit Applicant

Name: Robert Christoph Company Name: RCI-17664 Manderson, LLC

Address: 10 E. Main Street, Suite 201 City: Bridgeport State: CT Zip: 06608

Phone: Mobile:

Driver's License #: Email:

**Contractor**

Contractor is Permit Applicant

Representative Name: Company Name:

Address: City: State: Zip:

Phone: Mobile: Email:

City of Detroit License #: \_\_\_\_\_

**TENANT OR BUSINESS OCCUPANT**

Tenant is Permit Applicant

Name: Phone: Email:

**ARCHITECT/ENGINEER/CONSULTANT**

Architect/Engineer/Consultant is Permit Applicant

Name: Kevin Brandon State Registration#: Expiration Date:

Address: 54048 Mound Road City: Shelby Township State: MI Zip: 48316

Phone: 248-303-1446 Mobile: Email: kmb@bmkdp.com

**HOMEOWNER AFFIDAVIT** (Only required for residential permits obtained by homeowner.)

I hereby certify that I am the legal owner and occupant of the subject property and the work described on this permit application shall be completed by me. I am familiar with the applicable codes and requirements of the City of Detroit and take full responsibility for all code compliance, fees and inspections related to the installation/work herein described. I shall neither hire nor sub-contract to any other person, firm or corporation any portion of the work covered by this building permit.

Print Name: Signature: Date: (Homeowner)

Subscribed and sworn to before me this \_\_\_ day of \_\_\_ 20 \_\_\_ A.D. \_\_\_ County, Michigan

Signature: My Commission Expires: (Notary Public)

**PERMIT APPLICANT SIGNATURE**

I hereby certify that the information on this application is true and correct. I have reviewed all deed restrictions that may apply to this construction and am aware of my responsibility thereunder. I certify that the proposed work is authorized by the owner of the record and I have been authorized to make this application as the property owner(s) authorized agent. Further I agree to conform to all applicable laws and ordinances of jurisdiction. **I am aware that a permit will expire when no inspections are requested and conducted within 180 days of the date of issuance or the date of the previous inspection and that expired permits cannot be**

Print Name: Kevin Brandon Signature: Date: 03-08-2022 (Permit Applicant)

Driver's License #: B653465603638 Expiration: 08-15-2023

Subscribed and sworn to before me this \_\_\_ day of \_\_\_ 20 \_\_\_ A.D. \_\_\_ County, Michigan

Signature: My Commission Expires: (Notary Public)

**Section 23a of the state construction code act of 1972, 1972PA230, MCL 125.1523A, prohibits a person from conspiring to circumvent the licensing requirements of this state relating to persons who are to perform work on a residential building or a residential structure. Visitors of Section 23a are subject to civil fines.**

This application can also be completed online. Visit [detroitmi.gov/bseed/elaps](http://detroitmi.gov/bseed/elaps) for more information.





54048 Mound Road Shelby Township Michigan 48316

March 8, 2022

Historic District Commission Review  
177664 Manderson, Covington Townhomes  
Trash Enclosure Garage and Window Replacement

HDC NOTE:  
APPLICANT  
WITHDREW  
WINDOW  
REPLACEMENT  
FROM  
APPLICATION ON  
4/13/22

## Trash Enclosure

### Description of Existing Conditions

The area proposed for the trash enclosure garage is at the apex of Manderson and Covington Drive. It currently contains an exposed 6-yard trash container with no screening. A photo survey of existing conditions is attached. Note that construction of the proposed garage has not started. The existing concrete pad is existing and will be removed prior to start of the project.

### Description of Project

The proposed project consists of the construction of an enclosed trash enclosure garage. The garage is 13'x15' and is designed with in the architectural style and material/color palate as the existing townhome buildings it is intended to serve. The construction of the trash enclosures is of brick veneer facing on wood frame construction. The brick veneer selected closely resembles the existing brick of the townhome building. The enclosure is be roofed with a shingle to closely match the existing townhome building. The enclosure will have a secured access door for the apartment tenants. There will also be an overhead door that will completely secure the trash containers. It is intention of the enclosures to provide a secure and sanitary solution to a generally unsightly problem. An existing chain link fence in poor condition will be replaced with an ornamental steel fence.

The location of the trash enclosure garage was selected as it is the only area on site with proper access for truck access. Street parking is allowed all along Manderson and Covington Drives making it difficult to locate on these streets as truck access cannot be guaranteed. The location is also the original area of the trash container prior to the current owner purchasing the project. This is the reason for building a garage type structure that will hide an otherwise exposed container.

### Product Data

See attached brochures and cut sheets for additional information.

- Brick: Glen-Gery, 160M, Rugged Texture, Gray Mortar
- Shingles: GAF, Timberline UHD, Shakewood

- Gutters: K-Style, Matte Black
- Overhead Door: Clopay, Model 1500, Sectional Steel, Black
- Windows: Andersen Windows, 400 Series, Aluminum, Fixed, Black
- Man Door: TRU Door, Flush Hollow Metal, Black
- Siding: James Hardie Select Cedarmill Lap, Artic White
- Trim, Frieze, Fascia, Rakes: James Hardie Composite, Black
- Steel Fence: Guardsman, Kent 2 Rail, Black

Plans of garage enclosure are provided.

## **Window Replacement**

### **Description of Existing Conditions**

The existing windows were a mix of existing and replacement windows. They were in poor quality and not energy efficient. The replacement windows were of a white color and did not match the original window color.

### **Description of Project**

The replacement windows are double hung windows (except for 2 small windows, which are casement windows) with an upper pane grille pattern to match the original windows. The color chosen closely mates the original windows.

### **Product Data**

See attached brochure and cut sheet for additional information.

- Windows: Manchester Series by Quaker, Color: Earthtone
- Matching Aluminum break metal surrounds

Plans of window locations, schedules, and installation photographs are provided.

HDC NOTE:  
APPLICANT  
WITHDREW  
WINDOW  
REPLACEMENT  
FROM  
APPLICATION ON  
4/13/22

# Zoning and Building Data

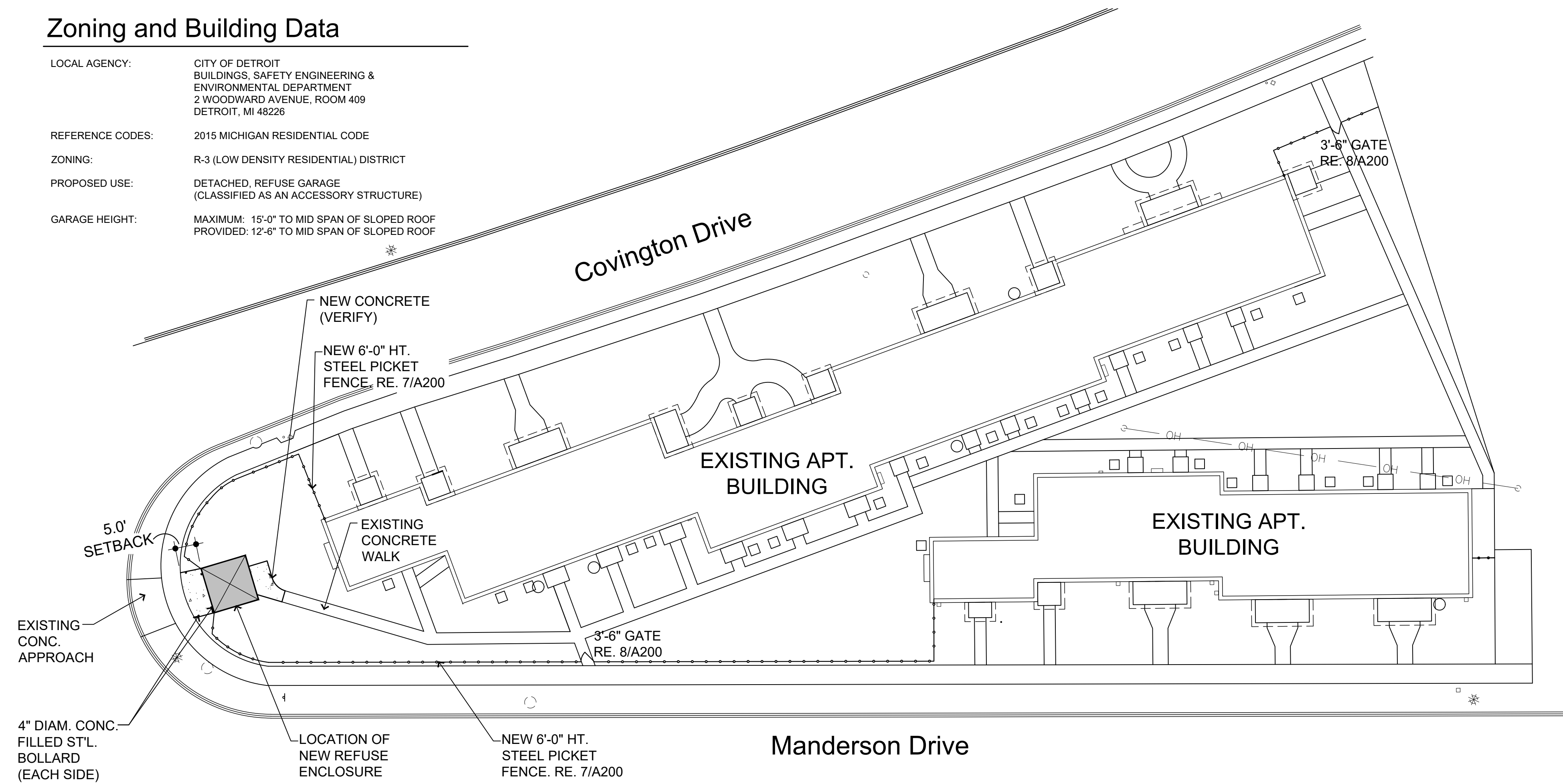
LOCAL AGENCY: CITY OF DETROIT  
BUILDINGS, SAFETY ENGINEERING &  
ENVIRONMENTAL DEPARTMENT  
2 WOODWARD AVENUE, ROOM 409  
DETROIT, MI 48226

REFERENCE CODES: 2015 MICHIGAN RESIDENTIAL CODE

ZONING: R-3 (LOW DENSITY RESIDENTIAL) DISTRICT

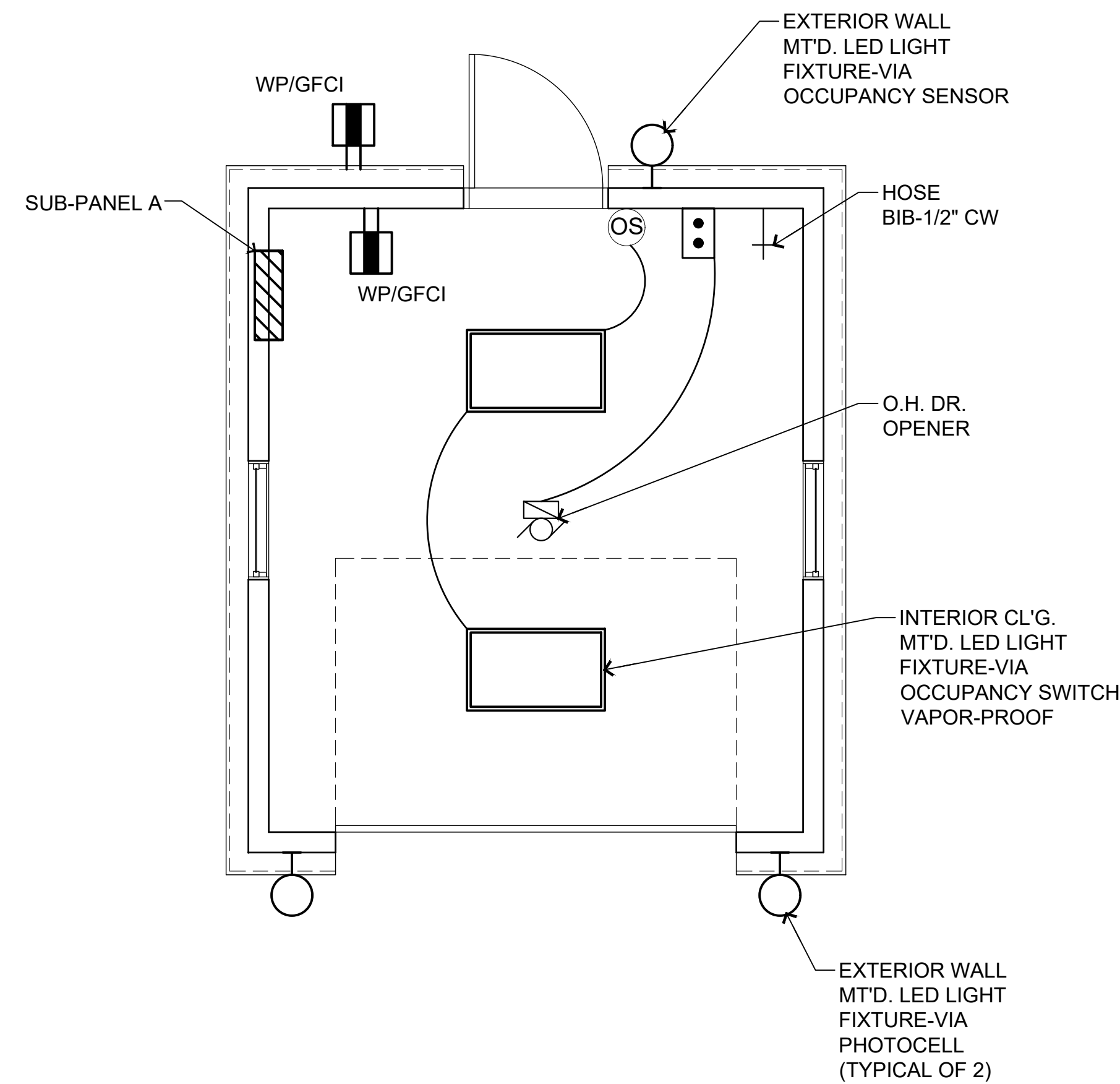
PROPOSED USE: DETACHED, REFUSE GARAGE  
(CLASSIFIED AS AN ACCESSORY STRUCTURE)

GARAGE HEIGHT: MAXIMUM: 15'-0" TO MID SPAN OF SLOPED ROOF  
PROVIDED: 12'-6" TO MID SPAN OF SLOPED ROOF



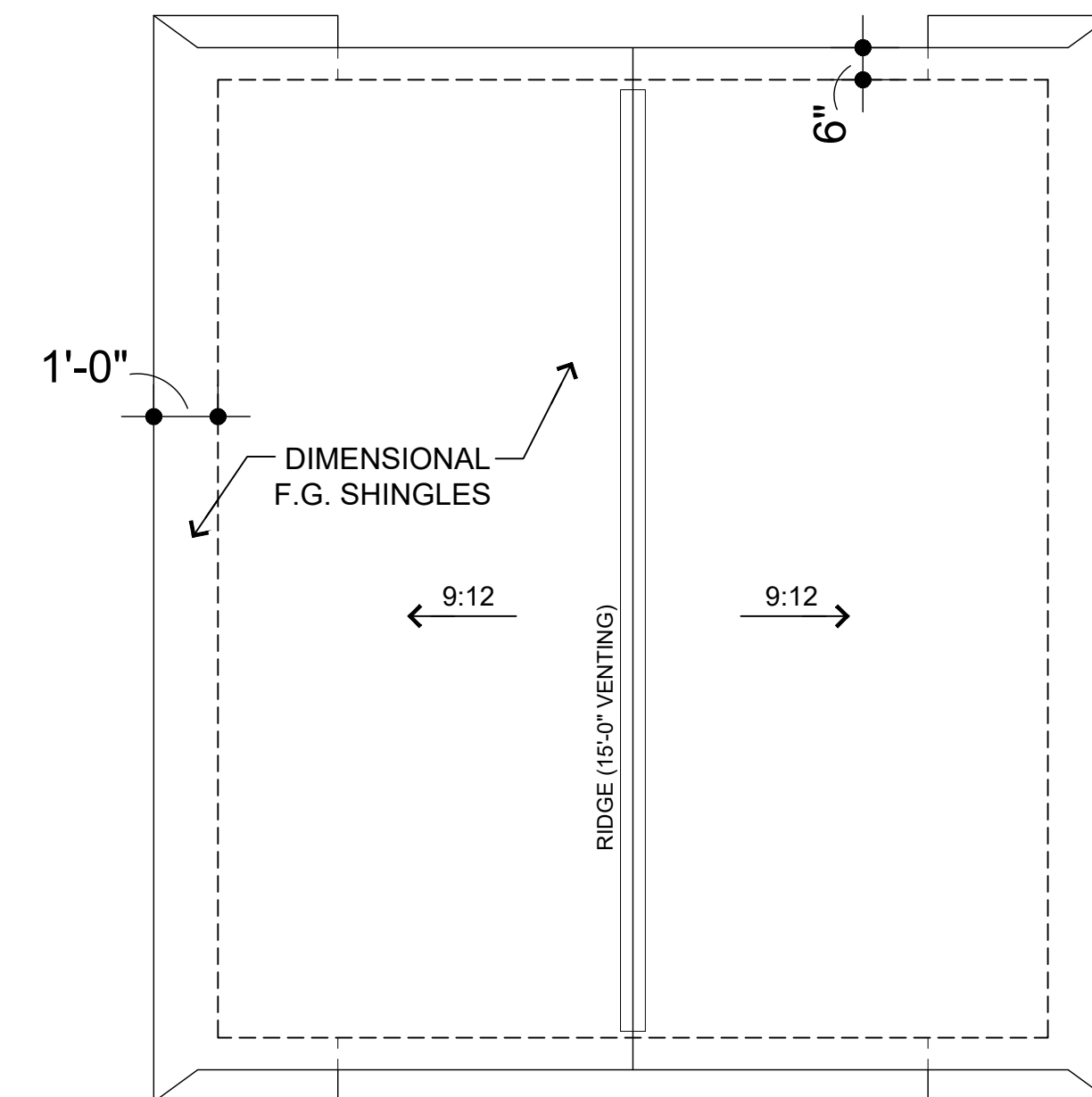
4/A100 site plan

SCALE: 1"=20.0'



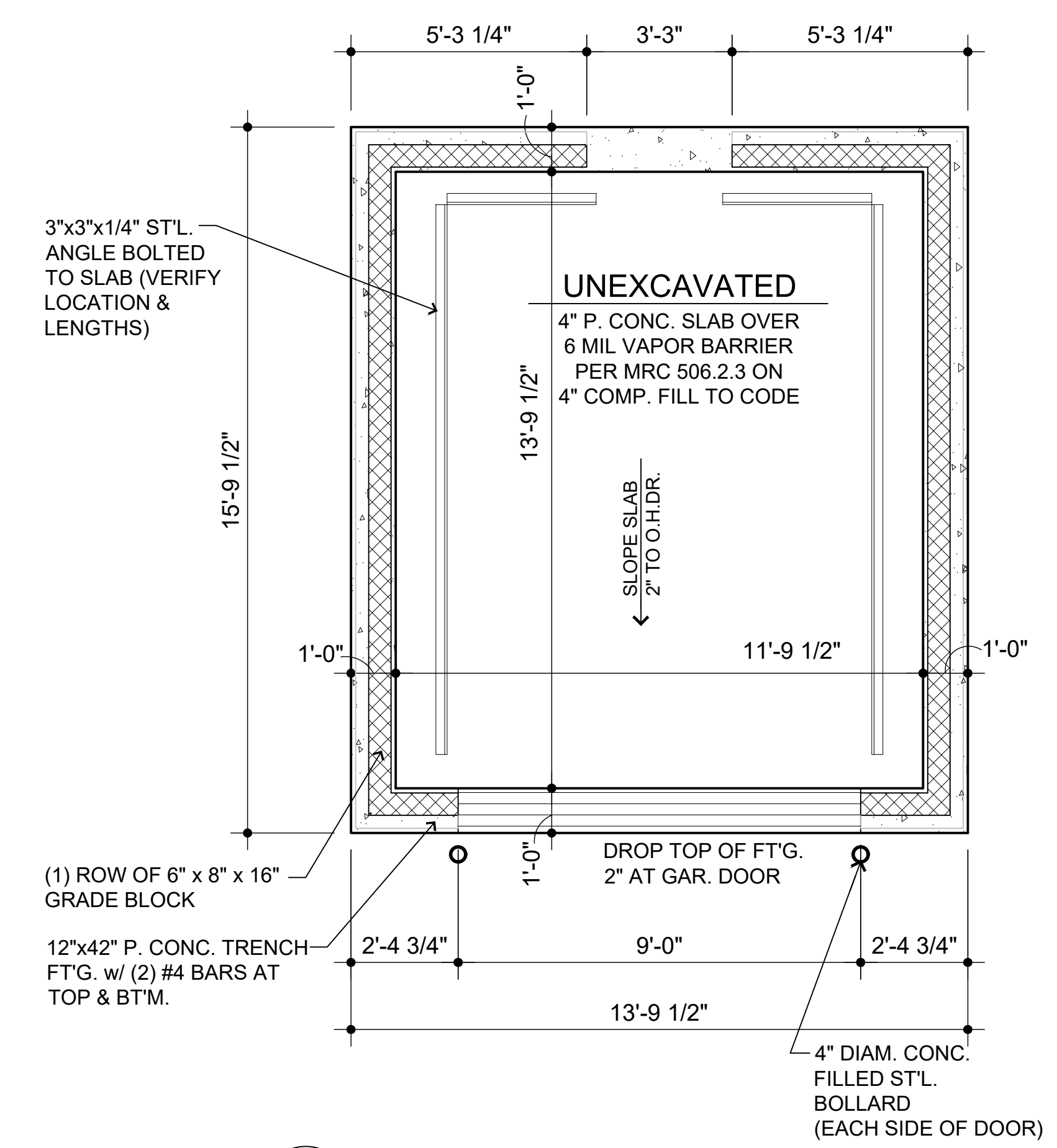
5/A100 electrical & plumbing plan

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



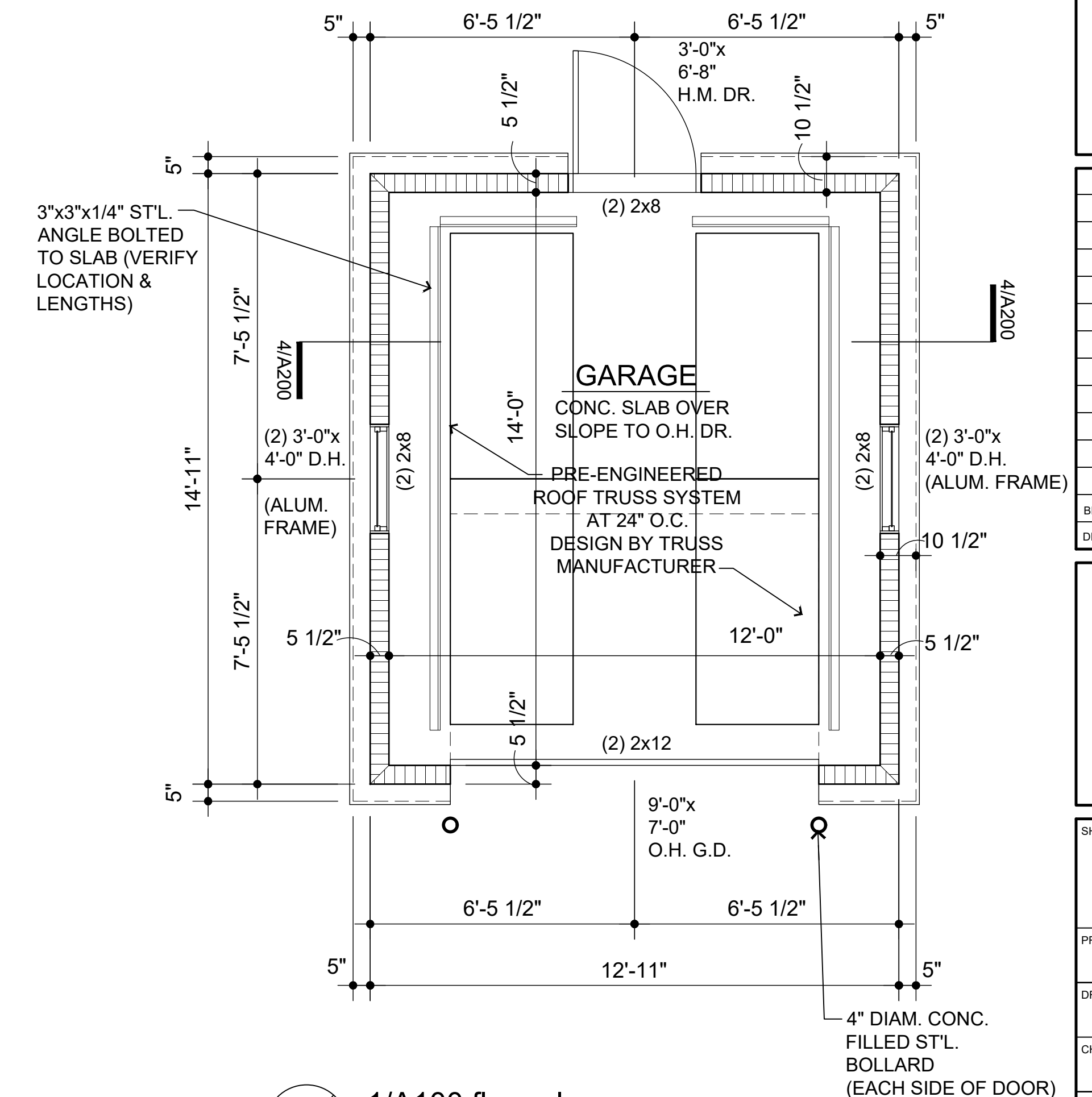
3/A100 roof plan

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



2/A100 foundation plan

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



1/A100 floor plan

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

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**Bmk**  
DESIGN+PLANNING

**Bmk DESIGN + PLANNING, LLC**  
54048 Mound Road - Shelby Township - Michigan - 48316  
Ph 248.303.1446  
kmb@bmkdp.com

PROJECT:

**Proposed Refuse Enclosure**

17664 Manderson Detroit, MI 48203

CLIENT:

**RCI-17664 Manderson, LLC**

10 E. Main Street Suite 201 Bridgeport, CT 06608

BID/PERMIT	07/15/2021
DESCRIPTION	DATE

SHEET TITLE:

**PLANS**

PROJECT NUMBER:  
2020-129

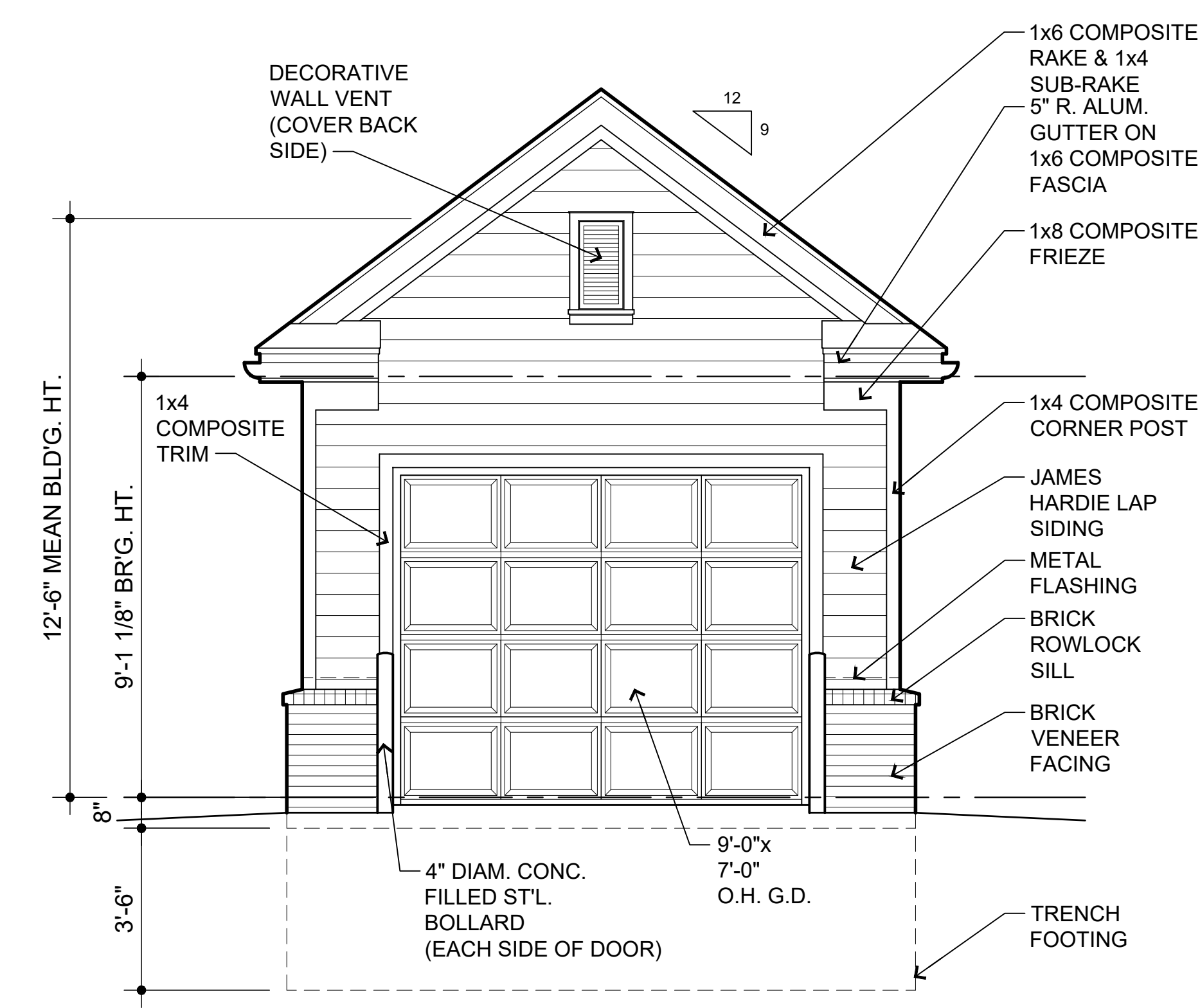
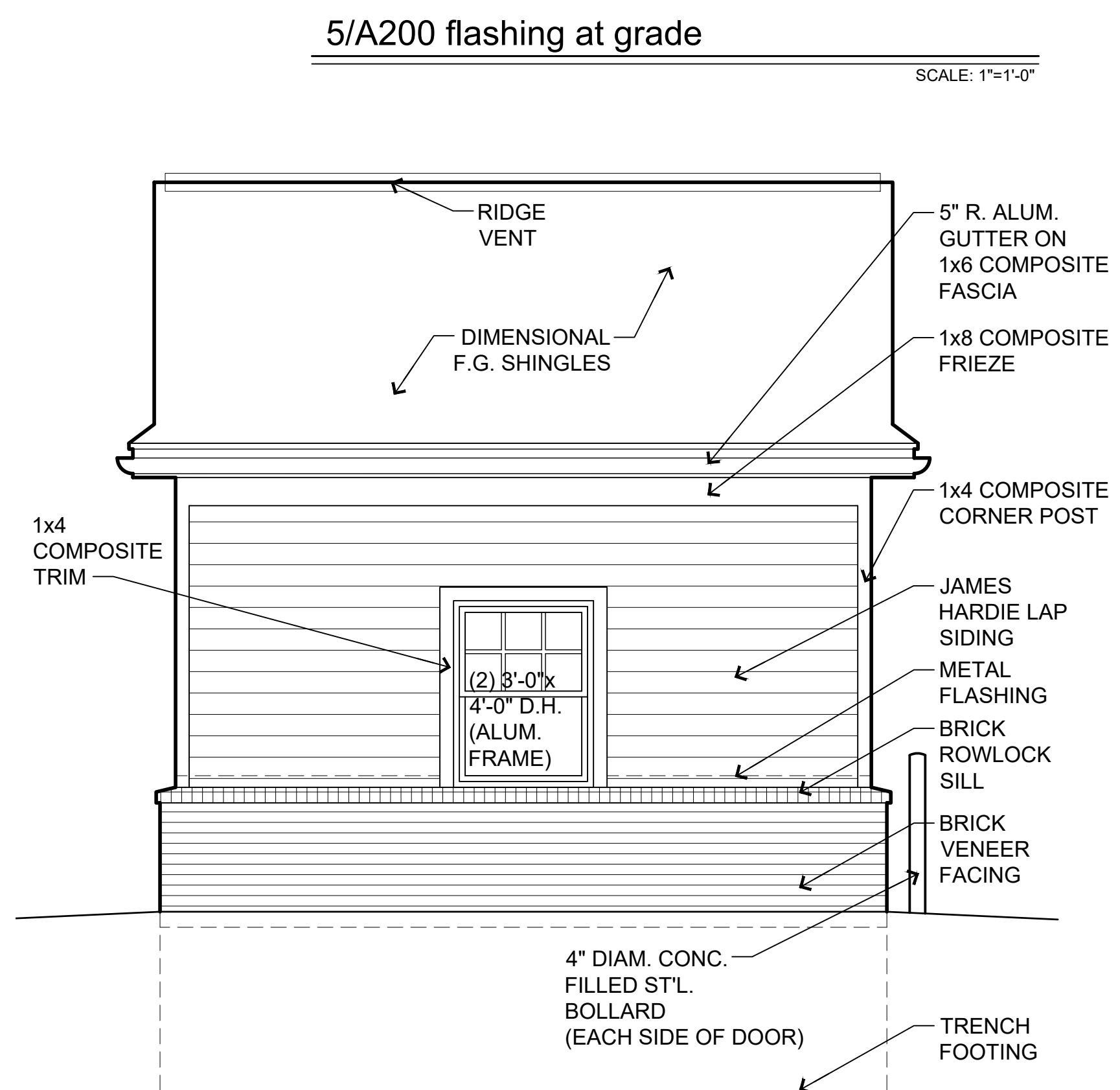
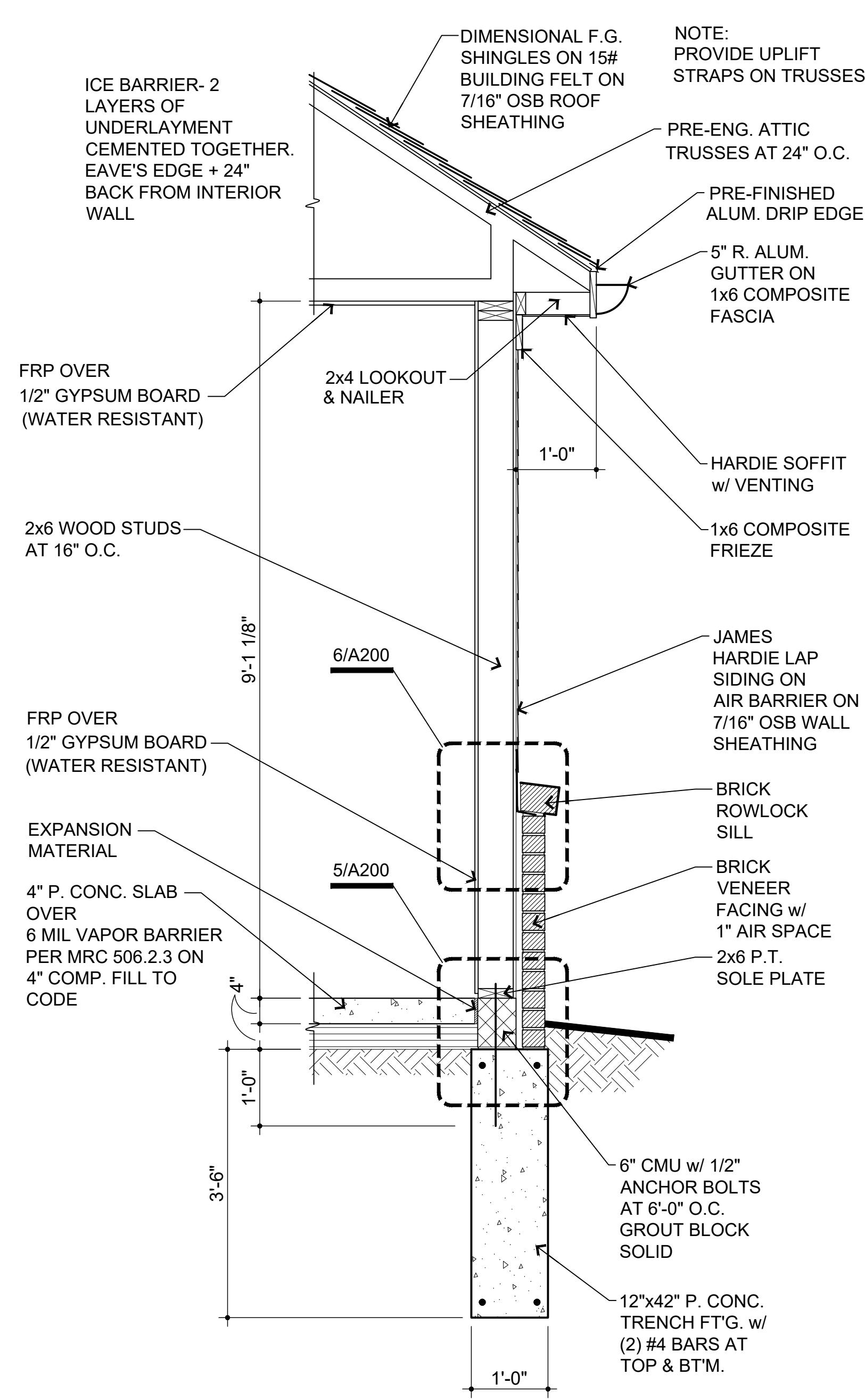
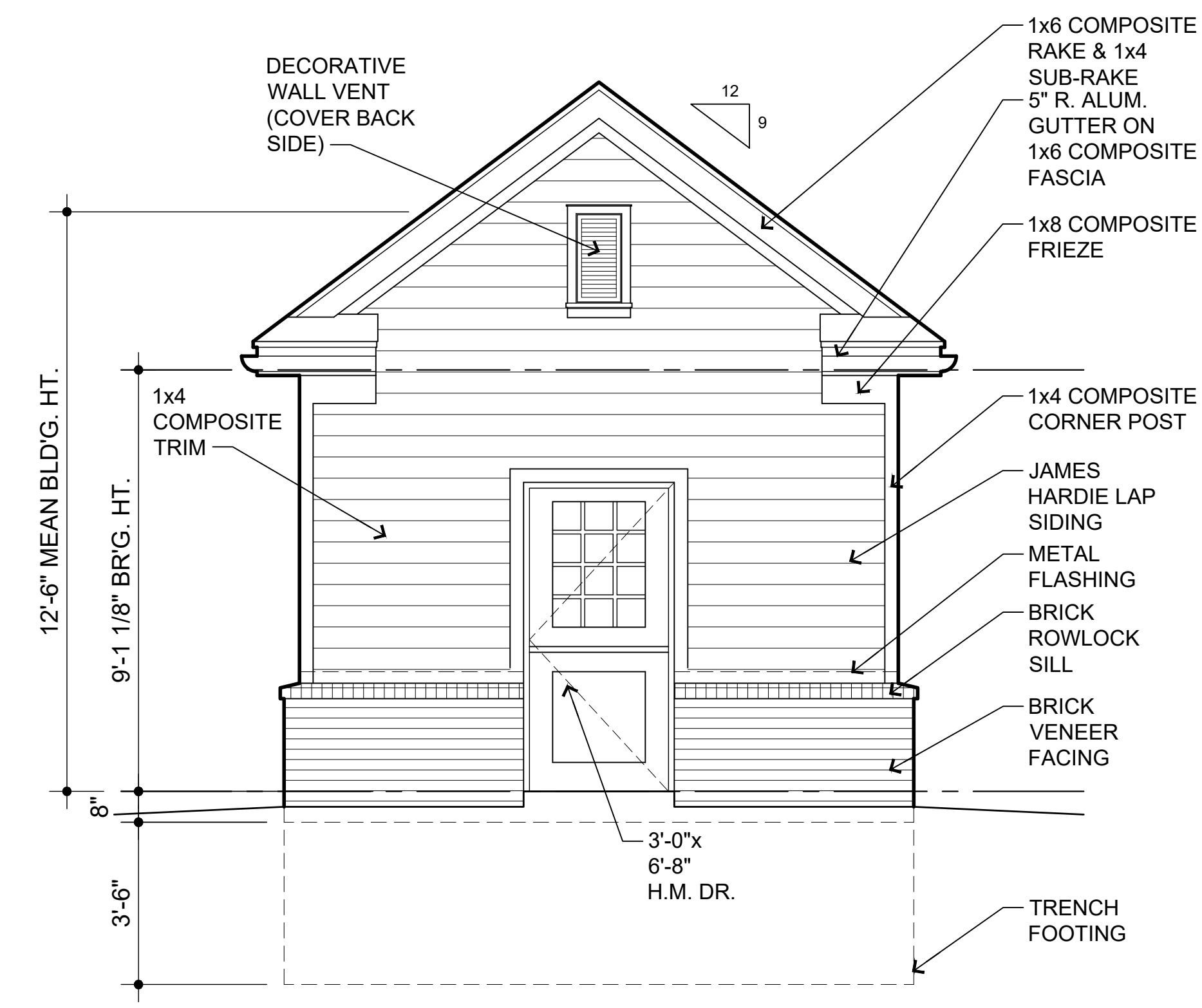
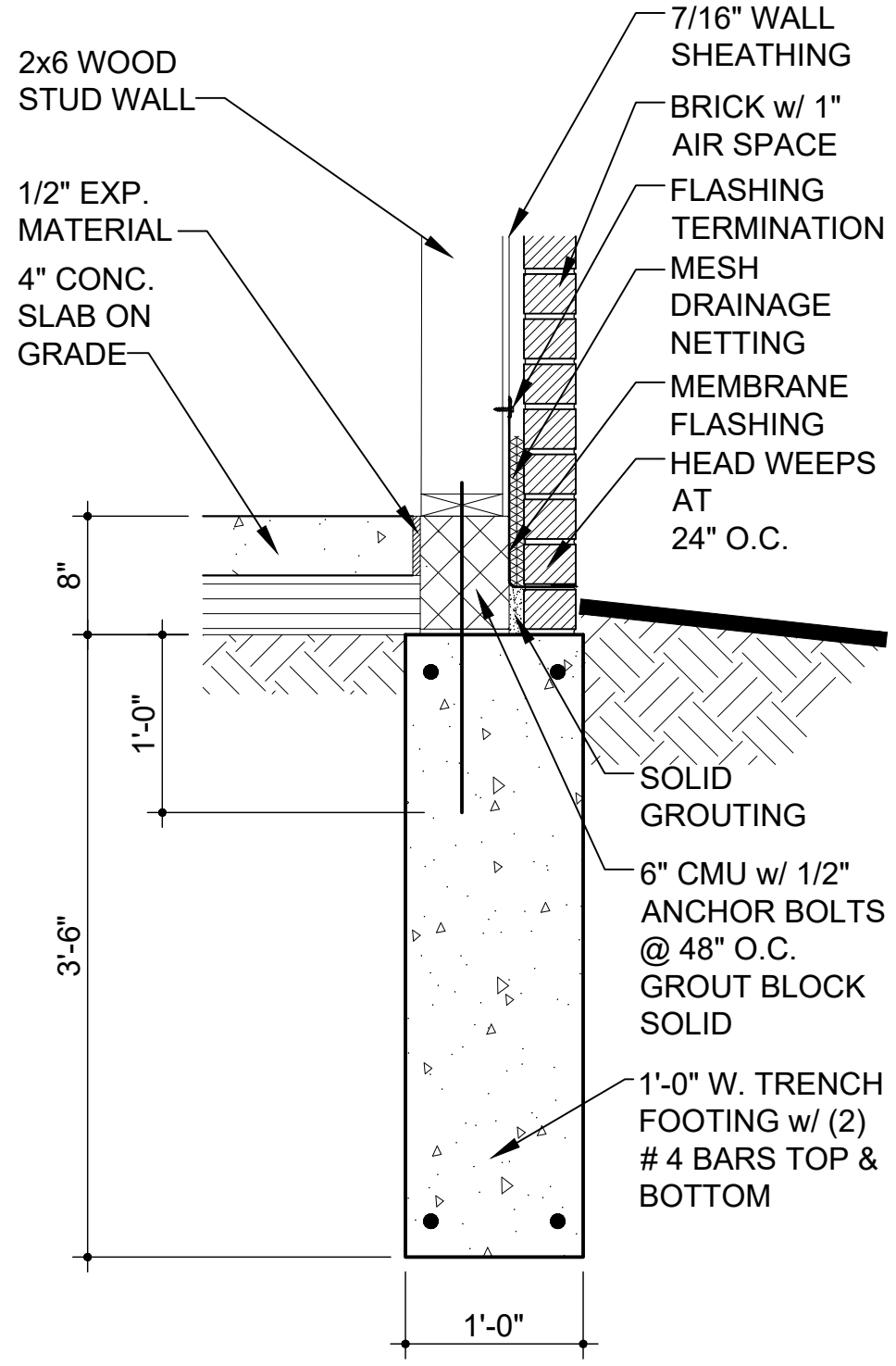
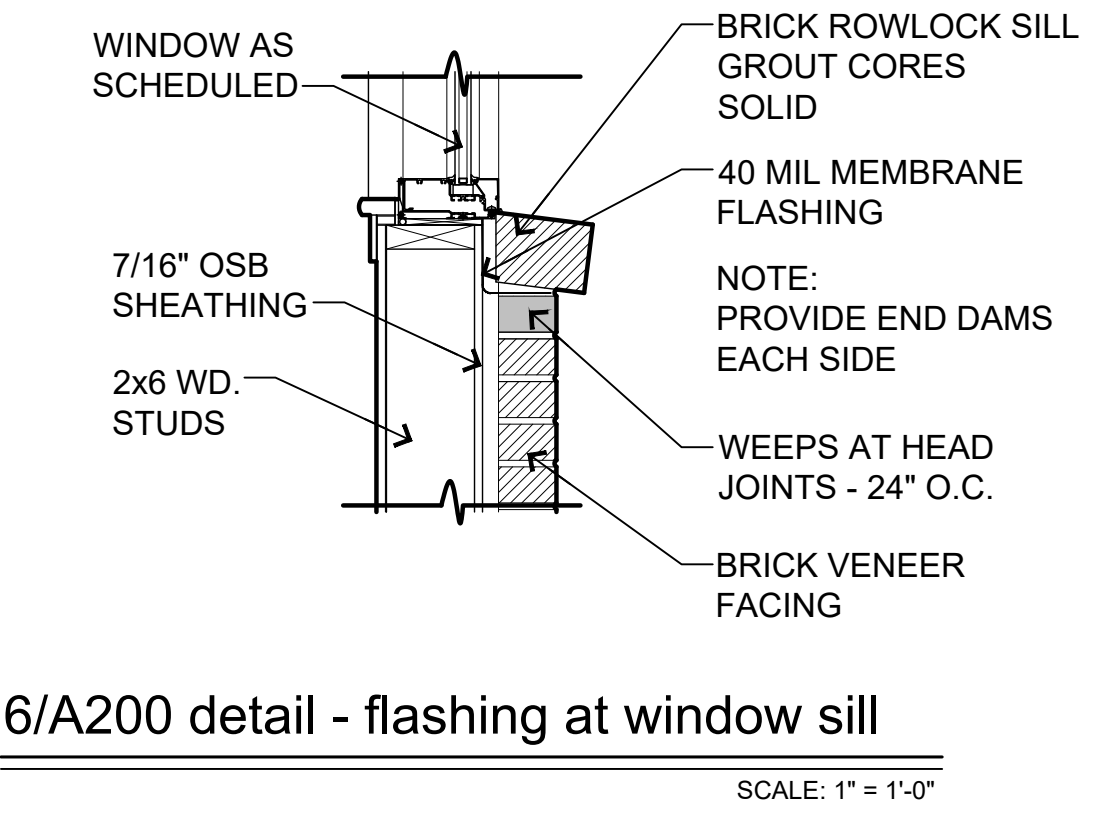
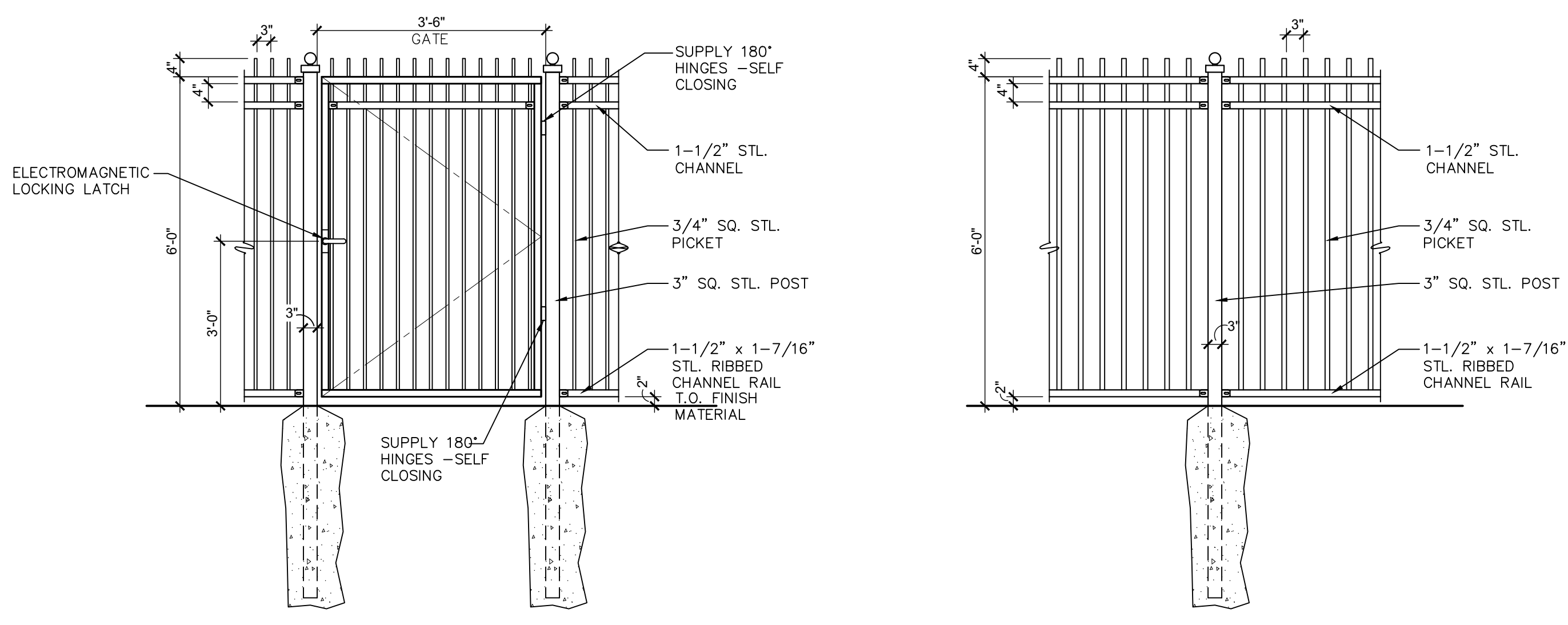
DRAWN BY:  
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CHECKED BY:  
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SHEET NUMBER:

**A100**

Permit No.:



**Proposed Refuse Enclosure**  
 17664 Manderson Detroit, MI 48203

**RCI-17664 Manderson, LLC**  
 10 E. Main Street Suite 201 Bridgeport, CT 06608

BID/PERMIT DESCRIPTION	DATE
	07/15/2021

**ELEVATIONS & SECTIONS**

PROJECT NUMBER: 2020-129

DRAWN BY: --

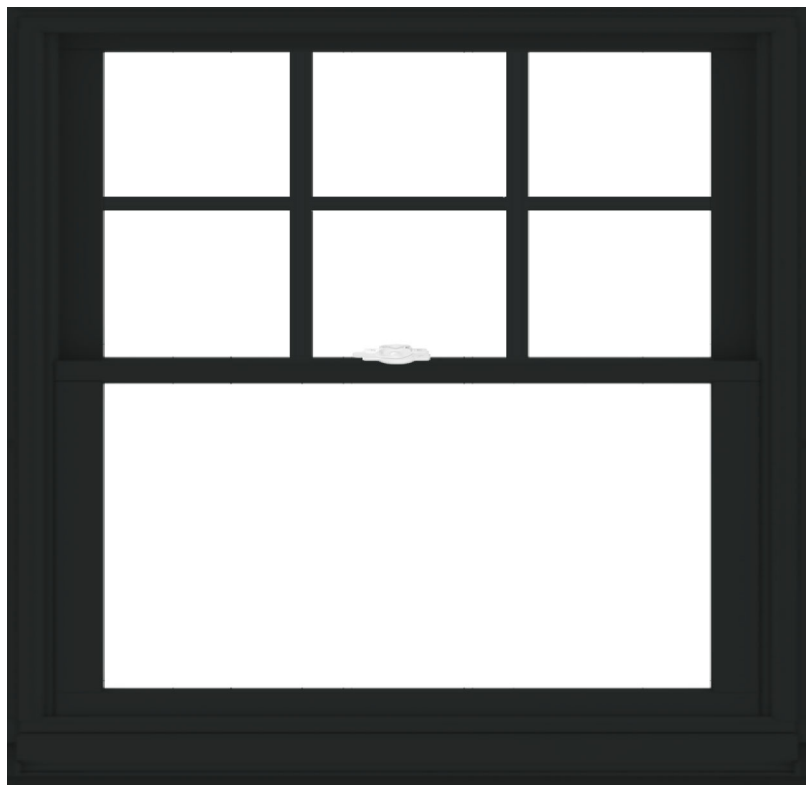
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SHEET NUMBER: **A200**

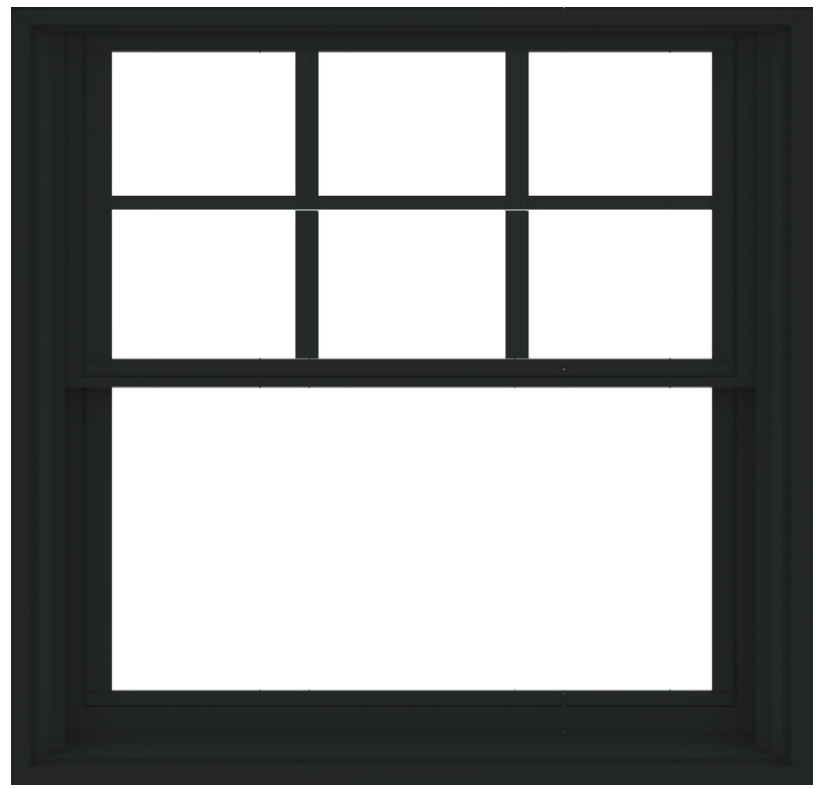
Permit No.:



# 400 SERIES TILT WASH DOUBLE-HUNG WINDOW



Interior



Exterior

## Summary

<b>Product ID#</b>	TW24310
<b>Unit Width</b>	29 5/8"
<b>Unit Height</b>	48 7/8"
<b>Interior Color</b>	Black
<b>Glass</b>	Low-E4® Glass
<b>Hardware</b>	Standard Lock and Keeper, White
<b>Optional Hardware</b>	None, White
<b>Grille Pattern</b>	Colonial - Top Sash Only
<b>Grille Width</b>	7/8"
<b>Exterior Color</b>	Black
<b>Exterior Trim Profile</b>	None
<b>Exterior Trim Color</b>	Black



Brick: Glen-Gery, 160M, Rugged Texture, Gray Mortar

# Timberline® UHD Shingles

Beauty and protection  
for your roof, featuring  
Dual Shadow Line and  
StainGuard Plus™  
Time-Release Technology¹



# Timberline UHD®

Ultra High Definition® Lifetime Shingles



Patriot Red

## Timberline® UHD Shingles Provide These Unique Benefits:

### Incredible Dimensionality

Exclusive Dual Shadow Line delivers an ultra-dimensional, textured look never before seen in a Timberline® Shingle; with depth so exceptional, the impact is unmistakable

### Advanced Stain Resistance

New patent-pending StainGuard Plus™ Time-Release Technology uses specially engineered capsules to release copper



over time for long-lasting algae-fighting power; comes with a 25-year limited warranty against blue-green algae discoloration¹

### High Performance

Designed with Advanced Protection® Shingle Technology, which reduces the use of natural resources while providing excellent protection for your home (visit [gaf.com/aps](http://gaf.com/aps) to learn more)

### Stays In Place

Dura Grip™ Adhesive seals each shingle tightly and reduces the risk of shingle blow-off; shingles warranted to withstand winds up to 130 mph²

### Highest Roofing Fire Rating

UL Class A, Listed to ANSI/UL 790

### Peace Of Mind

Lifetime Ltd. transferable warranty with Smart Choice® Protection (non-prorated material and installation labor coverage) for the first ten years³

### Perfect Finishing Touch

For the best look, use Timbertex® Premium Ridge Cap Shingles or TimberCrest™ Premium SBS-Modified Ridge Cap Shingles⁴

¹Timberline® UHD with Dual Shadow Line, StainGuard Plus™ Time-Release Technology, and 25-year limited warranty against blue-green algae discoloration available only on shingles sold in packages with the words Timberline Ultra HD® in yellow and the StainGuard Plus™ logo. Does not apply to Timberline Ultra HD® Reflector Series™ Shingles. Product not available in all areas. See *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions.

²This wind speed coverage requires special installation; see *GAF Shingle & Accessory Limited Warranty* for details.

³See *GAF Shingle & Accessory Ltd. Warranty* for complete coverage and restrictions. The word "Lifetime" refers to the length of coverage provided by the *GAF Shingle & Accessory Limited Warranty* and means as long as the original individual owner(s) of a single-family detached residence (or the second owner(s) in certain circumstances) owns the property where the shingles are installed. For owners/structures not meeting the above criteria, Lifetime coverage is not applicable.

⁴These products are not available in all areas. See [www.gaf.com/ridgecapavailability](http://www.gaf.com/ridgecapavailability) for details.

# Colors & Availability

Regional Availability  
Northeast and Central Areas



*Barkwood*



*Charcoal*



*Hunter Green*



*Fox Hollow Gray*



*Hickory*



*Shakewood*



*Patriot Red*



*Pewter Gray*



*Weathered Wood*



*Slate*

**Note:** Certain shingle colors are not available in all areas. See [gaf.com](http://gaf.com) for availability and details.

## Applicable Standards & Protocols

- UL Listed to ANSI/UL 790 Class A
- Miami-Dade County Product Control approved (applies to certain plants)
- State of Florida approved
- Classified by UL in accordance with ICC-ES AC438
- Meets ASTM D7158, Class H
- Meets ASTM D3161, Class F
- Meets ASTM D3018, Type 1
- Meets ASTM D3462<sup>1</sup>
- ICC-ES Evaluation Reports ESR-1475 and ESR-3267
- Texas Department of Insurance listed
- Meets CSA A123.5<sup>2</sup>

## Product/System Specifics<sup>3</sup>

- Fiberglass asphalt construction
- Dimensions (approx.): 13 1/4" x 39 3/8" (337 x 1,000 mm)
- Exposure: 5 5/8" (143 mm)
- Bundles/Square: 4
- Pieces/Square: 64
- Nails/Square: 256 (384 where 6 nails per shingle is required)<sup>4</sup>
- StainGuard Plus™ algae protection: Yes<sup>5</sup>
- Hip/Ridge: Timbertex®; Seal-A-Ridge®; Z®Ridge; Ridglass® 8"; Ridglass® 10"; TimberCrest™ 8"; TimberCrest™ 10"
- Starter: Pro-Start® & WeatherBlocker™

## Installation

Detailed installation instructions for Timberline® UHD Shingles with Dual Shadow Line are provided on the inside of each bundle wrapper that has the words "Timberline Ultra HD® Shingles" in yellow. Installation instructions may also be obtained at [gaf.com](http://gaf.com).

<sup>1</sup>Periodically tested by independent and internal labs to ensure compliance with ASTM D3462 at time of manufacture.

<sup>2</sup>Refers to shingles sold in Canada only.

<sup>3</sup>Refer to complete published installation instructions.

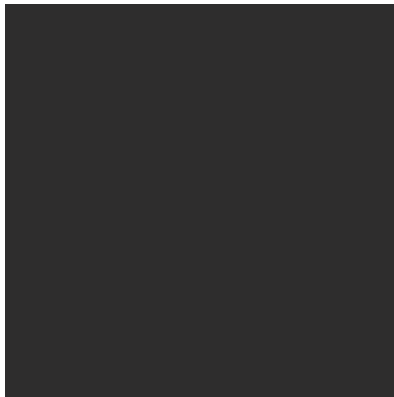
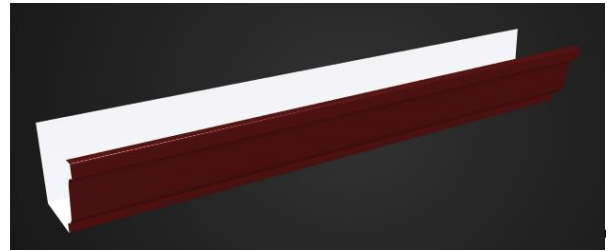
<sup>4</sup>Required by some local codes and required for enhanced wind coverage on certain products.

<sup>5</sup>StainGuard Plus™ algae protection and 25-year limited warranty against blue-green algae discoloration available only on shingles sold in packages with the words Timberline Ultra HD® in yellow and the StainGuard Plus™ logo. Does not apply to Timberline Ultra HD® Reflector Series™ Shingles. Product not available in all areas. See *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions.

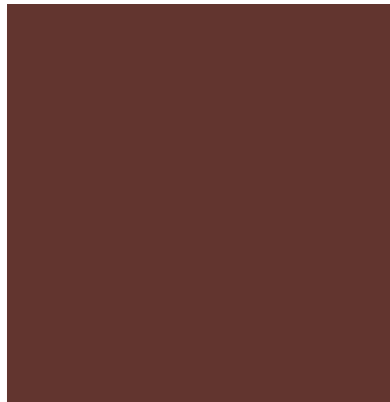
**Note:** It is difficult to reproduce the color clarity and actual color blends of these products. Before selecting your color, please ask to see several full-size shingles.



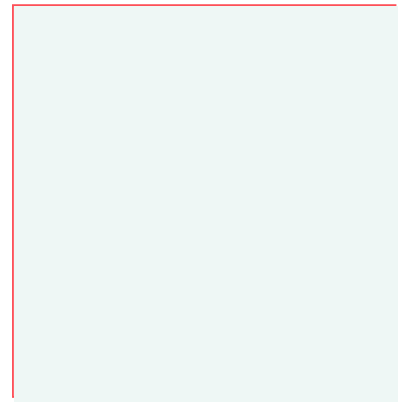
5-V COLOR CHART  
26 Gauge x 27.5"  
Kynar



MATTE BLACK



COLONIAL RED



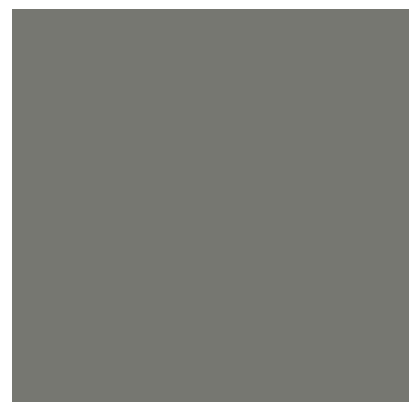
REGAL WHITE



MEDIUM BRONZE



CHARCOAL GRAY



SLATE GRAY



DARK BRONZE



FOREST GREEN



MILL FINISHED



CLASSIC™ STEEL

# VALUE PLUS

garage doors



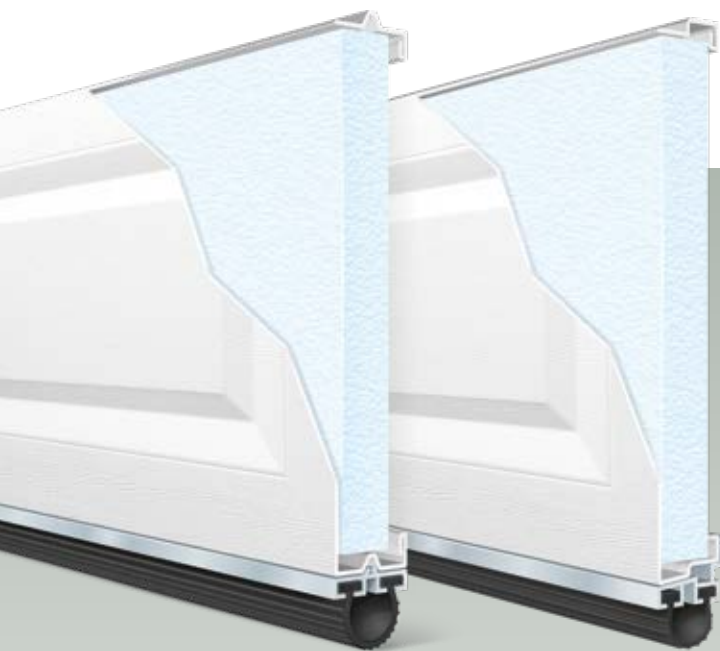
America's Favorite Garage Doors®



*Model T42L, Long Traditional Panel with Optional Madison 611 Window Design*

# VALUE PLUS

Improve your home's appearance and energy efficiency with a Clopay Value Plus insulated garage door. Available in 24 or 25 gauge steel with 1-5/16" polystyrene insulation, Value Plus models offer moderate insulating R-values, strength and security, as well as quiet operation and a beautiful appearance. Choose from two panel styles, many color options and a wide range of window options to create a door that fits your budget and enhances your home's curb appeal.



Tongue-and-Groove  
Section Joints

**24**  
GAUGE  
STEEL T42S short panel  
T42L long panel

**25**  
GAUGE  
STEEL T52S short panel  
T52L long panel

**1 5/16"**  
POLYSTYRENE  
INSULATION  
**R-VALUE**  
**6.3**

Shiplap  
Section Joints

**25**  
GAUGE  
STEEL 1500 short panel  
76V long panel

**1 5/16"**  
POLYSTYRENE  
INSULATION  
**R-VALUE**  
**6.3**

## 2-LAYER CONSTRUCTION

1-5/16" polystyrene insulation provides comfort, energy efficiency and quiet operation in every season.

- Tongue-and-groove/shiplap section joints help seal out wind, rain and snow.
- Replaceable bottom weatherseal in a rust-resistant aluminum retainer helps prevent elements from entering garage.
- Clopay's Safe-T-Bracket® helps prevent serious injury that could occur if the bottom bracket were removed with the garage door closed and under tension.
- Long-life nylon rollers are smooth and quiet.
- Galvanized steel hinges are durable, reliable and secure.
- Inside/outside step plates and grip handles make doors easy and safe to operate.





*Model T52S, Short Traditional Panel  
with Optional Colonial 509 Window Design*

## DETAIL



Deep panel edging and natural embossed woodgrain texture improve appearance close-up and from the curb.

## STYLE



### **Traditional Short**

Complements homes with traditional styling. Models T42S, T52S and 1500.



### **Traditional Long**

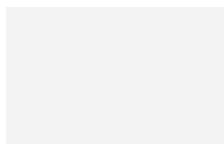
Ideal for ranch style homes. Models T42L, T52L and 76V.

*Doors range from 6' to 16' high and 4'2" to 18' wide. Consult your Clopay dealer for size options.  
WindCode® doors available to meet most regional wind load requirements.  
Consult your local dealer for specific information.*

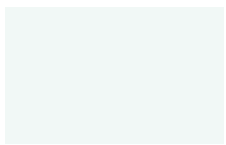


Model 4050, Short Elegant Panel  
with Optional Colonial 509 Window Design

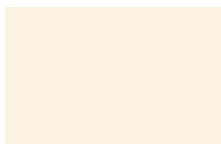
## COLORS



Standard White



Glacier White\*\*



Almond



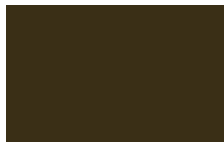
Desert Tan



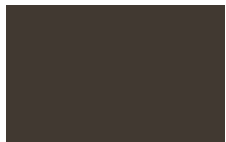
Sandtone



Bronze



Chocolate



Mocha Brown\*



Hunter Green



Gray



Charcoal\*



Black\*\*

- Exterior steel on standard color doors has a natural woodgrain texture.
- Doors can be painted to match the home's exterior using a high-quality latex exterior paint. Do not use oil-based paint.

*Due to the printing process, colors may vary. See your Clopay Dealer for color samples.*

*\*Not available on Models 4050 and 4053.*

*\*Popular in select markets, Glacier White is a brighter white.*

*\*\*Additional charges apply.*

## CUSTOM PAINT OPTION



Color Blast® finish offers more than 1,500 Sherwin-Williams® color options to complement your home. Clopay's durable two-part paint system has been thoroughly tested and is backed by a five-year warranty.



*Model 1500, Short Traditional Panel*

## ENVIRONMENTAL ASSURANCE

Clopay doors are compliant with environmental laws and regulations. Clopay doors do not contain HFCs. All Clopay doors are compliant with:

- California SB 1013
- New Jersey A-5583/S-3919 – Greenhouse Gas Bill
- Washington HB 1112 – Hydrofluorocarbon Greenhouse Gas Emissions
- Canadian regulations amending the ozone-depleting substances and halocarbon alternatives regulations

## WARRANTIES

<b>PAINT SYSTEM</b> <b>LIMITED LIFE WARRANTY</b> Model T42	<b>PAINT SYSTEM</b> <b>LIMITED 25YR WARRANTY</b> Models T52, 1500, 76V	<b>WINDOWS</b> <b>LIMITED 10YR WARRANTY</b> All Models	<b>HARDWARE</b> <b>LIMITED 3YR WARRANTY</b> All Models
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*Model T42S, Short Traditional Panel with Plain Short Windows*

# FLUSH HOLLOW METAL DOOR

Heavy-duty steel door for commercial, industrial and institutional applications

Our stock hollow metal door is an affordable non-handed, square-edge door solution designed to meet your requirements for quality full flush steel doors - for commercial, institutional and industrial applications. Stocked with Steelcraft locations, these doors are designed to satisfy your requirements for durability, security, aesthetics or fire protection. Trudoor is authorized by Warnock Hersey / Intertek to modify, re-certify and label fire-rated metal doors.

## Features:

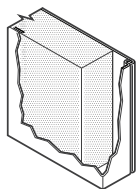
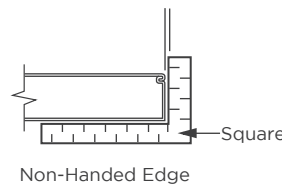
- Heavy-duty, SDI Level 2 - 18 gauge steel faces
- 1-3/4" Thick, non-handed design with reversible hinge plates
- Polystyrene or rigid honeycomb core
- Inverted top and bottom channels for additional stability and protection
- Interlocking seam enhances structural rigidity and durability
- Heavy gauge hinge reinforcements and door closer reinforcement
- Available with a wide range of glass lites, louvers and hardware preps
- Factory applied rust inhibiting primer (no special color options)
- Fire-rated up to 3 hours with WHI / ITS mylar label applied
- Preps include 161 (cylindrical lock), 86ED (mortise lock), RPD (Rim Panic Reinforced)

## COLOR-BLACK

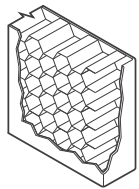


## Code Compliance:

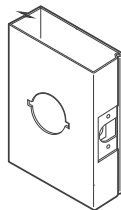
- Meets or exceeds ANSI A250.6 and A250.8
- Construction meets the requirements of ANSI A250.8
- Listed for installations requiring compliance to negative pressure testing (UL-10B) and positive pressure (UL-10C)
- Florida Product Approved



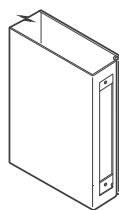
Polystyrene Core



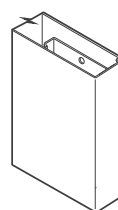
Honeycomb Core



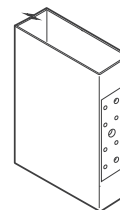
161 Lock



86ED Lock



RPD



Non-Handed Mortise Hinge Prep

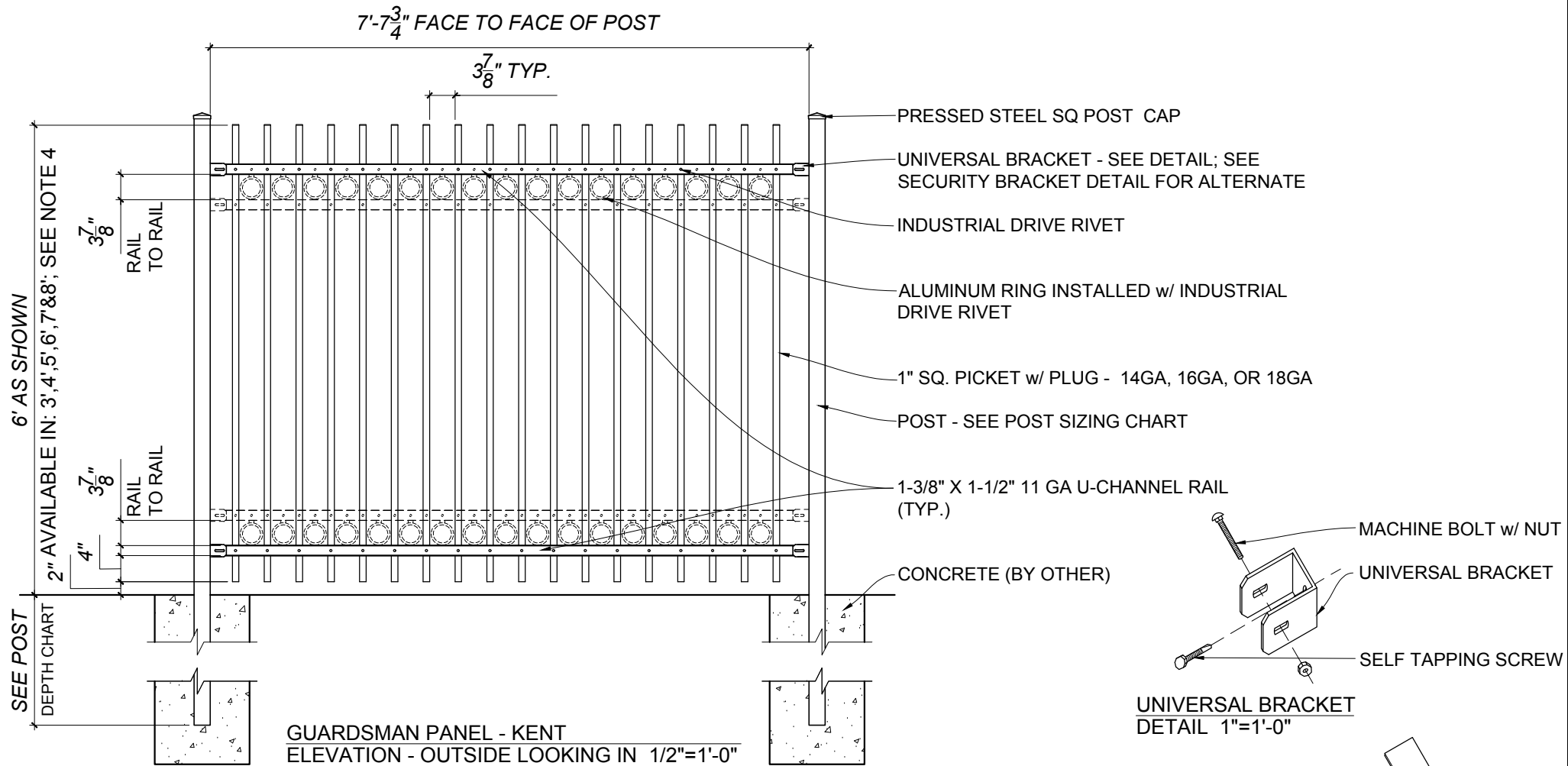


## Grade and Model:

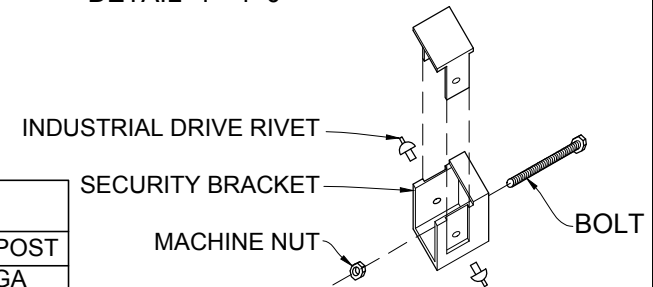
ANSI A250.8 - SDI 100			Edge Construction	Maximum Sizes		Recommended Gauge of Frame
Level	Model	Description		Single	Pair	
<b>Level 2: Heavy Duty Commercial</b>			18 gauge (1.0 mm) - heavy commercial and institutional applications with high use			
2	1	Full Flush	Visible	4'0" x 8'0"	8'0" x 8'0"	16 gauge (1.3 mm)

Grades and models defined by Steel Door Institute (SDI)

Manufacturers include Steelcraft and ASSA Abloy



UNIVERSAL BRACKET  
DETAIL 1"=1'-0"



NOTE: MINIMUM SHEER STRENGTH 3,000 LBS  
AND HOLDING POWER OF 2,200 LBS.

GUARDSMAN SECURITY BRACKET  
DETAIL 1"=1'-0"

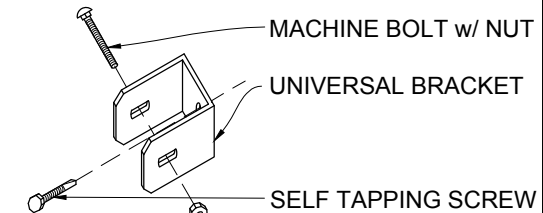
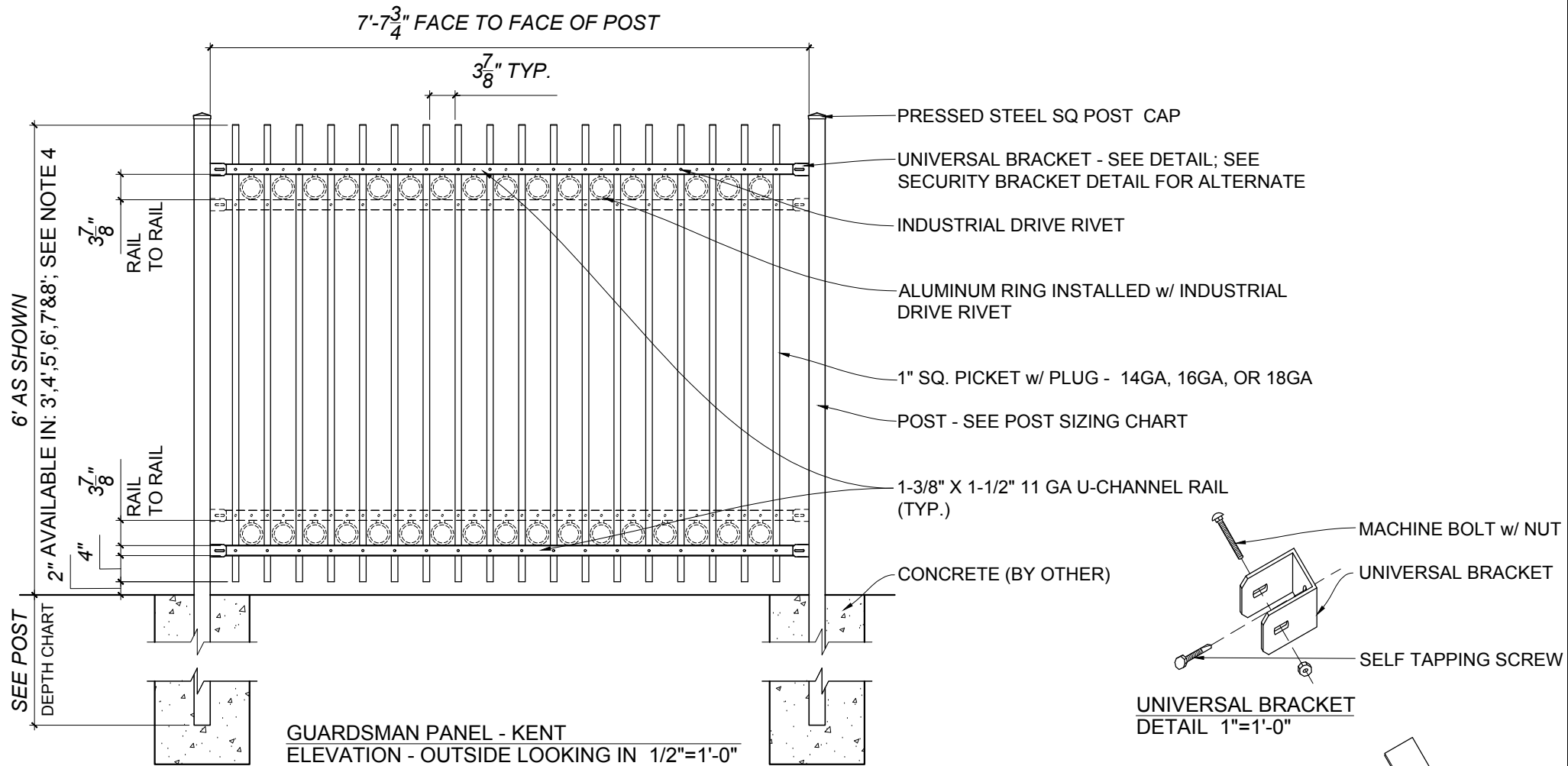
NOTES:

1. SPECIFICATIONS SHOWN CAN BE CHANGED BY THE MANUFACTURER ONLY.
2. ALL COMPONENTS OF THE PANEL TO BE COATED BLACK. OTHER COLORS AVAILABLE.
3. VERIFY POST DEPTH AND FOOTING DIMENSIONS WITH LOCAL CODES AND SITE CONDITIONS.
4. CUSTOM DIMENSIONS ARE AVAILABLE UPON REQUEST. FOR HIGHER CUSTOM PANELS, PLEASE CONTACT THE STATESVILLE PLANT.

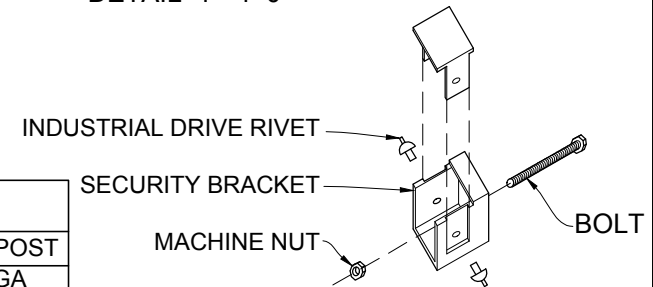
POST DEPTH CHART*	
HEIGHT OF FENCE	POST BELOW GRADE
5' OR LESS	2'
6' OR MORE	3'

\* SEE NOTE 3

POST SIZING CHART	
HEIGHT OF FENCE	SIZE OF POST
3' OR LESS	2"x14 GA
4' TO 6'	2 1/2"x14 GA
7' TO 9'	3"x11-12 GA
10' TO 12'	4"x11 GA



UNIVERSAL BRACKET  
DETAIL 1"=1'-0"



NOTE: MINIMUM SHEER STRENGTH 3,000 LBS  
AND HOLDING POWER OF 2,200 LBS.

GUARDSMAN SECURITY BRACKET  
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10' TO 12'	4"x11 GA

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**Merchants Metals**®  
*the first name in fence solutions*

GUARDSMAN PANEL - KENT  
2 TO 4 RAILS

8' WIDE x 3' TO 8' HIGH  
(Nom. Dimension)

BY: J.R.  
DATE: 06 NOV 20  
REV: D.C.

DWG. NO. GM PN IND KN 8W x 3-8H  
SCALE: AS NOTED

MONROE 3 RAIL



KENT 3 RAIL WITH FINIALS



CURVED TOP 4 RAIL



MONROE 4 RAIL WITH RINGS

## GUARDSMAN® FEATURES

- Galvanized Steel Components
- Durable Powder Coat Finish
- 15 Year Limited Warranty
- Fully Assembled Panels
- Riveted Construction
- Maintenance Free
- Commercial and Industrial Applications

BLACK

WHITE

BROWN

GREEN

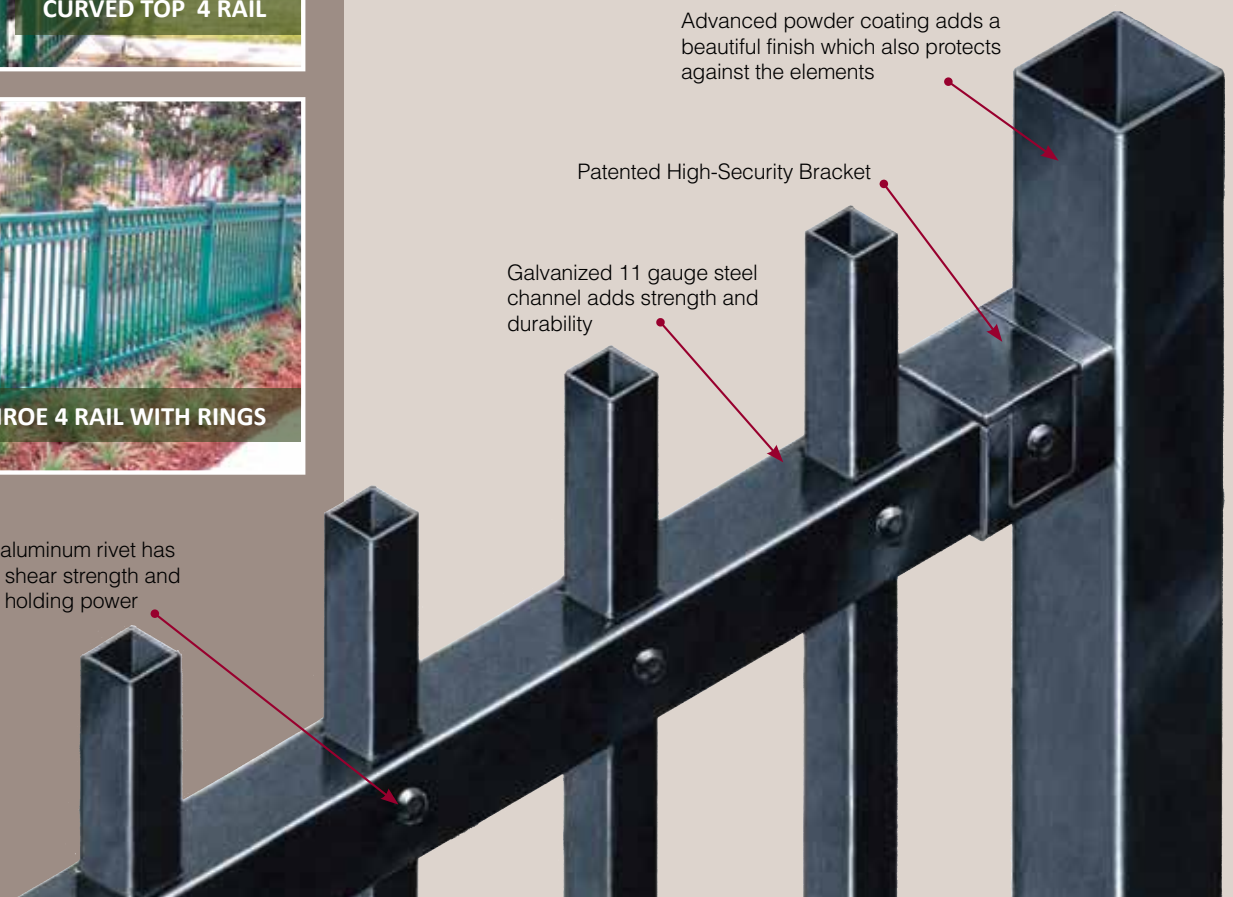
BRONZE

Advanced powder coating adds a beautiful finish which also protects against the elements

Patented High-Security Bracket

Galvanized 11 gauge steel channel adds strength and durability

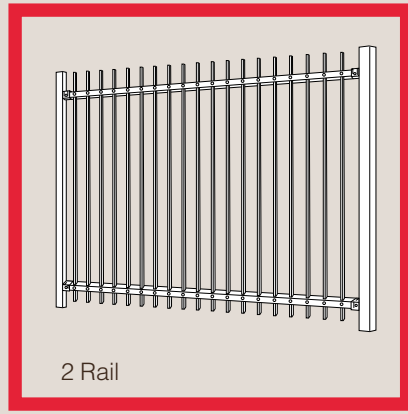
Each 1/4 in. aluminum rivet has 1,500 lbs. of shear strength and 1,100 lbs. of holding power



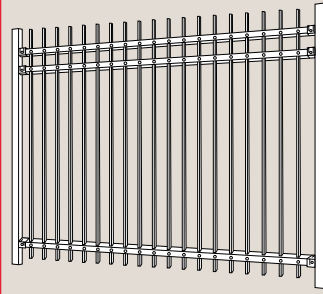
**Kent Panels**

A traditional design with square top pickets.

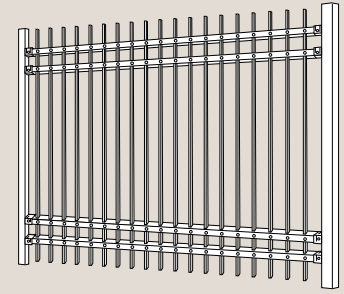
Available in 2, 3 or 4 rail styles.



2 Rail



3 Rail



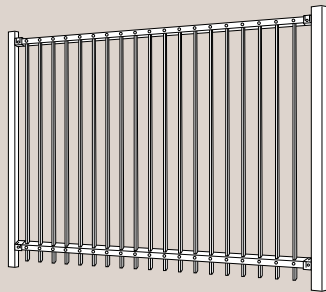
4 Rail

Kent

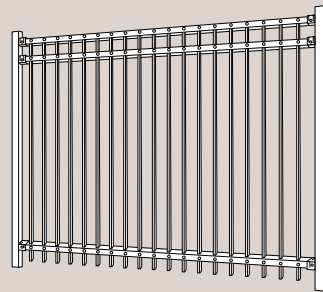
**Monroe Panels**

A clean and simple design with no pickets above the top rail.

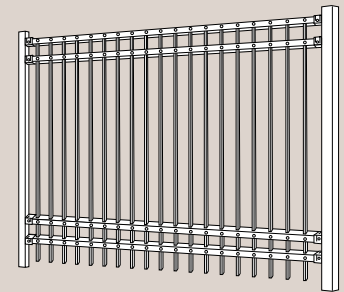
Available in 2, 3 or 4 rail styles.



2 Rail



3 Rail



4 Rail

Monroe

**Advanced Powder Coating Process**

All Guardsman® panels receive Merchants Metals' industry leading 10 stage powder coating process. The first five stages are dedicated to a thorough cleaning, removing any impurities that could potentially mar the finish. After cleaning, the panels are coated with a corrosion resistant zinc rich epoxy primer and a polyester powder top coat, ensuring that each Guardsman® system will be highly resistant to the effects of the elements.

