



# CERTIFICATE OF APPROPRIATENESS PLACARD

for Raleigh Historic Resources

## Project Description:

Remove shingle roofing; install standing seam metal roof; construct rear deck; remove existing rear window; install rear French doors; alter exterior paint colors; replace non-original front door; remove front storm windows; replace wall-mounted mailbox; install electric car-charging station; install gas water heater; reinstall original columns and railing

1103 W Cabarrus St

Address

Boylan Heights

Historic District

Historic Property

COA-0054-2022

Certificate Number

9/21/2022

Date of Issue

3/21/2023

Expiration Date

*This card must be kept posted in a location within public view until all phases of the described project are complete. The work must conform with the code of the City of Raleigh and laws of the state of North Carolina. When your project is complete, you are required to ask for a final zoning inspection in a historic district area. Telephone the RHDC office at 832-7238 and commission staff will coordinate the inspection with the inspections Department. If you do not call for this final inspection, your Certificate of Appropriateness is null and void.*

Signature, \_\_\_\_\_

*Erin Morton*

Raleigh Historic Development Commission

*Pending the resolution of appeals, commencement of work is at your own risk.*



Type or print the following:

Applicant name: **Ulrich Hauser**

Mailing address: **3518 E Mountain View Rd**

City: **Phoenix**

State: **AZ**

Zip code: **85028**

Date: **4/20/2022**

Daytime phone #: **602.614-9059**

Email address: **hihauser@tutanota.com**

Applicant signature: \_\_\_\_\_

Minor work (staff review) – one copy

Major work (COA committee review) – ten  
copies

Additions > 25% of building sq. footage

New buildings

Demolition of building or structure

All other

Post approval re-review of conditions of  
approval

**Office Use Only**

Transaction #: \_\_\_\_\_

File #: COA-0054-2022

Fee: \_\_\_\_\_

Amount paid: \_\_\_\_\_

Received date: \_\_\_\_\_

Received by: \_\_\_\_\_

Property street address: **1103 W Cabarrus Street**

Historic district: **Boylan Heights**

Historic property/Landmark name (if applicable):

Owner name: **Katherine High**

Owner mailing address: **219 Grays Lane, Haverford, PA 19041**

**For applications that require review by the COA Committee (major work), provide addressed and stamped envelopes for owners for all properties with 100 feet on all sides of the property, as well as the property owner.**

Property Owner Name & Address	Property Owner Name & Address



I understand that all major work applications that require review by the Raleigh Historic Development Commission's COA Committee must be submitted by 4 p.m. on the date of the application deadline; otherwise, consideration will be delayed until the following committee meeting. An incomplete application will not be accepted.

Will you be applying for rehabilitation tax credits for this project? Yes <input type="radio"/> No <input checked="" type="radio"/>	<b>Office Use Only</b> Type of work: <u>26, 29, 30, 49, 50, 51, 57,</u> <u>60, 70, 84</u>
Did you consult with staff prior to filing the application? Yes <input checked="" type="radio"/> No <input type="radio"/>	

Design Guidelines: please cite the applicable sections of the design guidelines ( <a href="http://www.rhdc.org">www.rhdc.org</a> ).		
Section/Page	Topic	Brief description of work (attach additional sheets as needed).
60	roof	standing seam metal roof, same as already
24	deck	add deck on South side
30	door	in bed room where there is now a window
50	s water head	use on demand gas water on West side

Minor Work Approval (office use only)	
Upon being signed and dated below by the Planning Director or designee, this application becomes the Minor Work Certificate of Appropriateness. It is valid until <u>03/21/2023</u> . Please post the enclosed placard form of the certificate as indicated at the bottom of the card. Issuance of a Minor Work Certificate shall not relieve the applicant, contractor, tenant, or property owner from obtaining any other permit required by City Code or any law. Minor Works are subject to an appeals period of 30 days from the date of approval.	
Signature (City of Raleigh) <u>Emi Mortu</u>	Date <u>09/21/2022</u>



J. Ulrich Hauser  
3518 East Mountain View Rd  
Phoenix, AZ 85028  
602.614-9059

4/20/2022

#### Application for certificate of appropriateness

Property  
1103 W Cabarrus Street  
Raleigh, NC 27603  
Parcel 1703263975

1. Roof: Currently the house has an asphalt shingle roof and a standing seam metal roof over the bump out (pantry) on the South side. We would like to use standing seam metal roof for the whole house. Identical to the roof on the bump out we want to install 16 3/4 wide pans, 1" seam height, galvanized metal. See image.
2. Deck: We would like to add a deck to the South (back) side of the house. (See plan and image). The deck will be accessed from the South side. See plan.
3. French doors: We would like to add French doors on the South side (bedroom) effectively replacing an existing window.
4. Paint entire exterior of house. The house is currently a pastel yellow with a dark brown porch floor. We want to keep to go back to the original color white. See swatches.
5. Paint block foundation: The foundation currently is a mix of greige color and painted and unpainted brick. We would like to paint it slightly differently to create a cohesive color scheme for the entire house. See swatches.
6. Paint porch floor. The porch floor is currently painted a dark brown. We would like to paint it in a slightly different shade to create a cohesive color scheme. See swatches.
7. The house currently has a non-original front door. We would like to replace it with a duplicate of the original front door of the property 1031 W South Street.
8. The house currently has outside storm windows on the North side. We would like to remove those and install inside storm windows throughout. That will restore the original facade.
9. The current wall mounted mailbox is installed on the left side of the front door outside wall and does not meet today's requirements in terms of size and safety. We would like to install ~~a larger one that is lockable, mounted on a post on the right side of the steps at the porch. (See image for mailbox. Link for mailbox: <https://mailboxempire.com/products/jayco-industries-standard-letter-locker?variant=10731033131005>~~ a new larger wall-mounted mailbox.
10. Install car charging station on South side of the house. Electric cars are becoming more common and home charging stations are needed. The alley access will allow to park a car for charging on the South side.
11. Install a whole house on demand gas water heater on the West side of the house. (See plan and image)
12. Restore original columns (2 tall, one short) and railing that were damaged (but salvaged) during a storm by a falling tree.



## Morton, Erin

---

**From:** Morton, Erin  
**Sent:** Wednesday, August 31, 2022 5:20 PM  
**To:** hihauser@tutanota.com  
**Cc:** Kinane, Collette  
**Subject:** RE: COA-0054-2022 (1103 W Cabarrus St) - Minor Work

Ulrich,

See below **in red** for responses on the remaining items:

- Thank you for confirming that no portion of the deck will be taller than 42" off the ground. **Complete.**
- Thank you for confirming no sheen on the proposed standing seam roof and providing photos of the existing roof to be matched. **Complete.**
- Thank you for confirming the maximum height of the car charging station. **Complete.**
- Are the HVAC specifications proposed to be the same as those provided for COA-0045-2022 (1031 W South St)? **The HVAC system is already in place at Cabarrus. We are not making any changes to that. Acknowledged and complete.**
- Thank you for providing the front door replacement specifications, including materials, profiles, and dimensions. Please confirm that the existing front door transom and trim are proposed to remain. **Confirmed. Acknowledged and complete**
- Please mark the site plan with overall deck dimensions (all 4 sides) and the proposed deck's distance from the property line. **To be provided next week. Ulrich to provide via email.**
- Provide a scaled railing section detail for the proposed deck. What are the proposed materials of all deck railing elements (i.e. balustrade, railing itself, post caps)? What are the proposed finish colors for each of these elements? Material is supposed to be Timber Tech. **I'll have material samples with me next week. TimberTech is approved for use as decking boards. Thank you for agreeing to amend the railing to be all wood. Please provide a railing section detail and final finish color in writing.**
- The 2008 COA tree documentation IDs tree species and location, but does not ID the diameter at breast height (DBH) or the critical root zone (CRZ). Please provide this info on the 2008 visual plan to meet the existing tree info requirement. You may need an ISA-certified arborist or landscape architect to help you correctly determine this information. Depending on the CRZ locations, a visual tree protection plan may also be required; at a minimum, the site access and material laydown areas should be identified on a site plan. See the [RHDC's tree protection document](#) for additional information. **Staff will supplement application with overall rear yard photo evidence from 08/29 site visit showing no trees are located near proposed deck area.**
- Staff is only able to approve the installation of all-wood doors and windows on the historic house, even when installed on the rear elevation? Would you be willing to amend the French door specifications to remain a minor work? Please also be sure to circle the final door selections in the spec sheet provided. **The selected french doors are all wood. We will discuss next week. Ulrich to provide revised Marvin door specifications to be all wood with final selection circled.**
- The freestanding mailbox is not approvable by staff. We can approve a mounted mailbox on the front wall of the house near the door. Would you be willing to amend the application to remain a minor work? **We are agreeable to a wall mounted mailbox. I'll have specs with me. Thank you – please provide new mailbox specs. If proposing the 14x15x6" option, provide photo evidence of other addresses in the district with a similar condition for evaluation.**

Best,  
Erin



## Morton, Erin

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**From:** hihauser@tutanota.com  
**Sent:** Thursday, May 19, 2022 7:54 PM  
**To:** Morton, Erin  
**Subject:** Re: COA-0054-2022 (1103 W Cabarrus St) - Minor Work  
**Attachments:** cabarrus rev 5\_19\_2022.jpg; South elevation Cabarrus.jpg; 1103 W Cabarrus south elevation before and after.pdf; Cabarrus outside storm window front.png; Cabarrus Columns.jpg; 1103 W Cabarrus COA 2008.pdf; scaled site plan 1103 W Cabarrus wdeck.pdf; Marvin Elevate Collection\_Elevations\_Outswing French Door.pdf

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Hi Erin.

Thanks for the review and feed back. Answers below in bold. The missing pictures of the original front door that we will replicate will follow at the beginning of June. I'll be in Raleigh June 1 and 2. I also have a site visit arranged with Brett Sturm on the 1st.

If there is anything else you need to have for the application please let me know.

If it would be beneficial for us to meet again to go over any more details of the applications I could come in on June 1st in the afternoon or June 2nd in the morning.

Ulrich

Ulrich Hauser  
3518 E Mountain View Rd  
Phoenix, Arizona 85028  
602.614-9059

May 19, 2022, 14:28 by Erin.Morton@raleighnc.gov:

Ulrich,

Thank you for submitting a minor work COA for 1103 W Cabarrus St. We need some additional information to consider the application complete. Please see comments below and let me know if you have any questions.  
Thank you.

- The deck should be inset from edge of house by at least 4". Please provide a revised floor plan. **Revised floor plan attached. Deck inset by 6" on East side, mail box, car charger and water heater labeled.**



- Will the proposed deck be taller than 42" off the ground at any point? How will the deck be screened below? **No. The deck is very close to the ground with no screening as there is almost no gap between fascia board of the deck and ground. See also attached elevation drawings.**
- Is the composite decking material proposed only for the decking boards with wooden structure? The deck specs provided show a lot of options for each component, but it is not clear what final selections are being requested – please mark the sheets to indicate a final selection for each component. **The selected deck board is Timber Tech "Coastline". The structure is wood.**
- Provide a scaled proposed site plan with: property lines, building footprint, proposed deck/steps. This will be important for us to determine if the proposed deck can remain a minor work item. **See attached.**
- Provide visual site plan with existing tree info for subject property & any trees on adjacent lots with critical root zones (CRZ) near the proposed deck work zone. Note species, diameter at breast height (DBH) (about 4'-6" off the ground), and CRZ perimeters. If any trees of 8" DBH or greater are located near the work zone, a tree protection plan (TPP) may also be requested. **There are 0 trees or any tree roots or anything like that in the proposed location of the deck. See attached image. See also attached drawing that was part of the COA from 2008 file #189-08-CA. That drawing documents all trees on the property. The situation has not changed since.**
- Provide existing & proposed scaled elevation drawings for rear window removal/French door installation and deck construction. **See attached.**
- Provide French door manufacturer's specifications, including scaled section detail, trim, material, and color. **Marvin Elevate. Outswing French door. Specs attached.**
- I can confirm we have received the physical paint swatches and paint schedule. Thank you.
- We are only able to approve painting the foundation if the color is dark, per congruity with [Design Guideline](#) 2.4.3. As we already have physical paint swatches in hand, would you consider amending the application to make the foundation the same color as the proposed porch floor? **Yes, that would be OK.**
- Provide detail photos of front door and transom/trim. Is the transom/trim original and is it proposed to be retained? **To follow beginning of June as I have to take more pictures.**
- Provide detail photos of 1031 W South St front door to be matched. **To follow beginning of June as I have to take more pictures.** Please confirm that new front door will be all-wood material? **Yes, all wood. Painted. Just like the original.**
- Provide detail photos of the front storm windows to be removed. **See attached.**
- Provide noting on the ground floor plan to identify proposed locations of the water heater, car charger, and mailbox. **See attached/ bullet point 1.**
- Please confirm that restoring the 3 original columns and railing is simply a reinstallation of original materials currently stored off-site to their previous locations? Provide detail photos of the columns and railing to be installed. **Confirmed. It is actually 2 columns that need to be put back. A full size and a short one. The third one is still in place and will simply be repainted. Photo of columns currently stored inside the house in living room is attached.**



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1103 W CABARRUS ST

Apply

1103 W CABARRUS ST  
Parcel: 1703263975  
Owner: HIGH, SC

W Cabarrus St

W South St

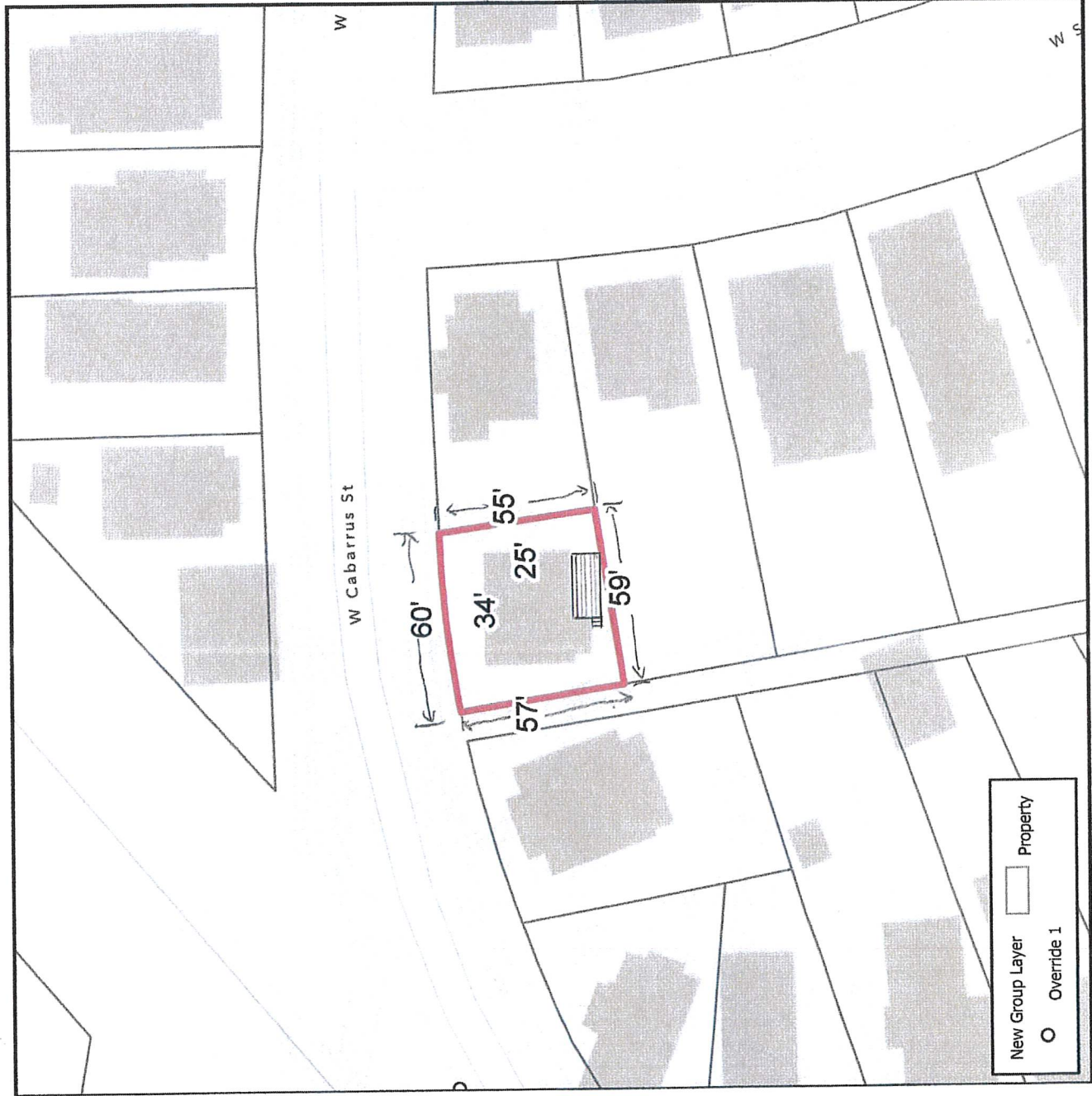
Dothan Dr

Western Blvd



# Scaled Site Plan 1103 W Cabarrus St

PIN: 1703263975  
 PIN Ext: 000  
 Real Estate ID: 0030683  
 Map Name: 1703 09  
 Owner: HIGH, S C  
 Mail Address 1: RUDY L OGBURN, ATTY/  
 ADMIN  
 Mail Address 2: 3101 GLENWOOD AVE STE  
 200  
 Mail Address 3: RALEIGH NC 27612-5096  
 Deed Book: 20-E  
 Deed Page: 727  
 Deed Acres: 0.08  
 Deed Date: 12/2/2019  
 Building Value: 23502  
 Land Value: 240000  
 Total Value: 263502  
 Billing Class: Individual  
 Description: LO281 BOYLAN HEIGHTS  
 Heated Area: 816  
 Street Name: W CABARRUS ST  
 Site Address: 1103 W CABARRUS ST  
 City: RALEIGH  
 Planning Jurisdiction: RA  
 Township: Raleigh  
 Year Built: 1930  
 Use Type: SINGLFAM  
 Design Style: Conventional  
 Land Class: Residential Less Than 10 Acres  
 Old Parcel Number: C012-C0039-0002



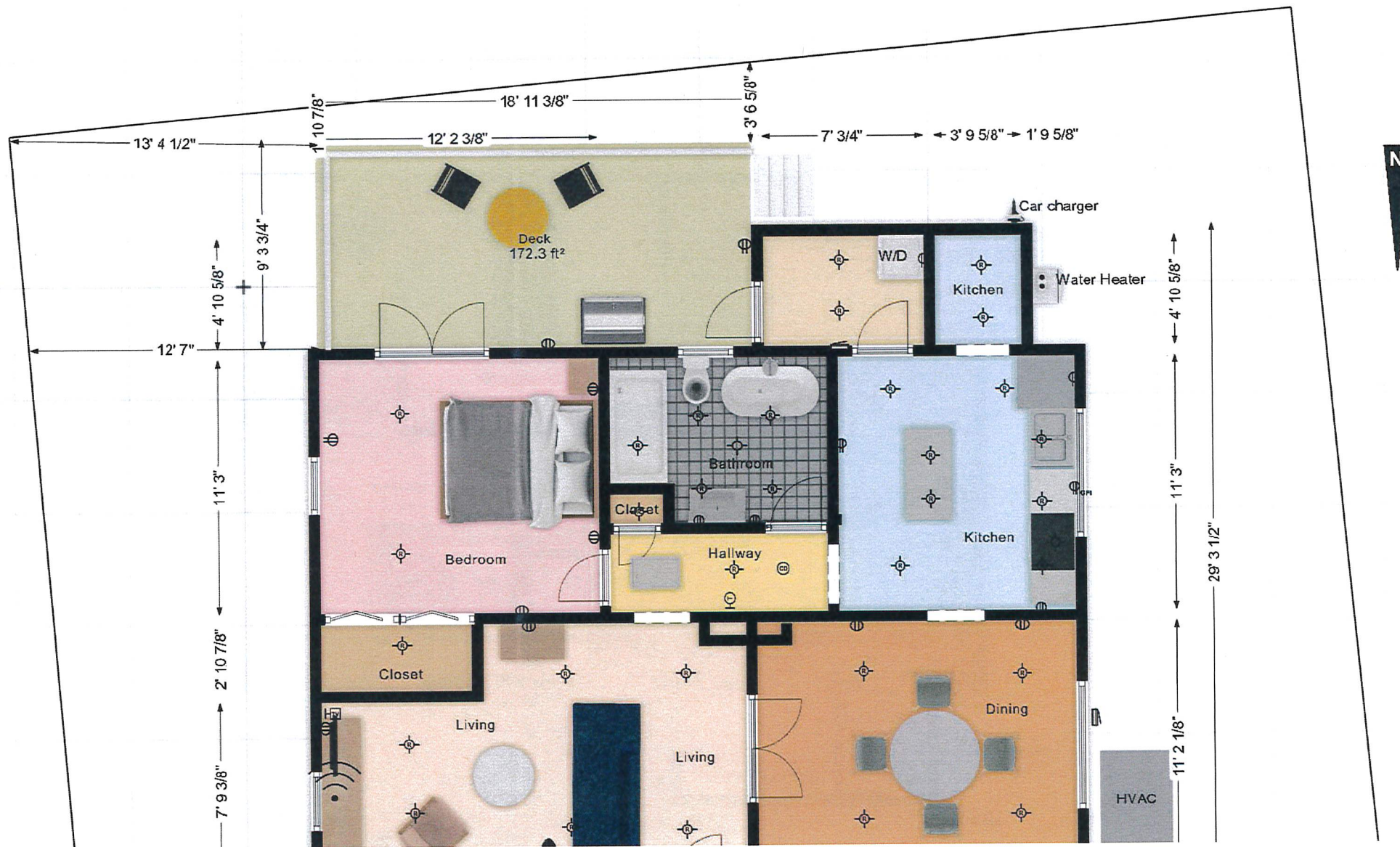
New Group Layer	Property
O	Override 1

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# First floor

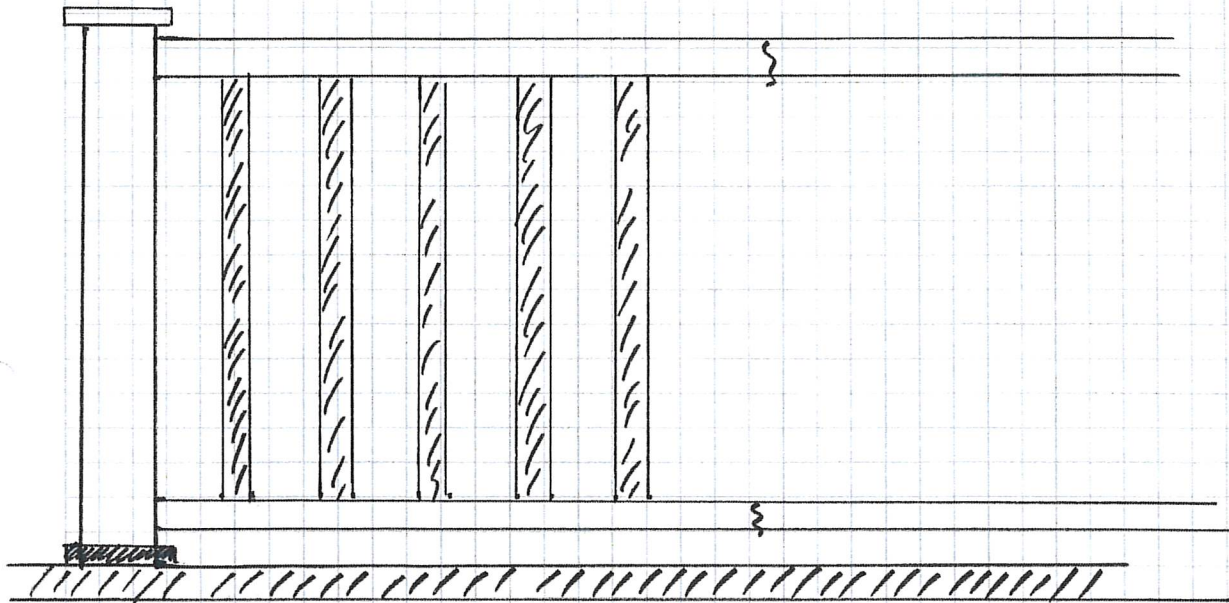






RAILING 1031 W SOUTH STREET + CABARRUS ST <sup>1103 W</sup>

CAP: 6x6"



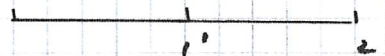
COLLAR: 6x6"

POST: 4x4"

SPACING BETWEEN BALUSTERS: 4"

TOP AND BOTTOM RAIL: 2x4"

BALUSTERS: 2x2"



1:10

1103 CABARRUS ST  
SOUTH ELEVATION  
BEFORE

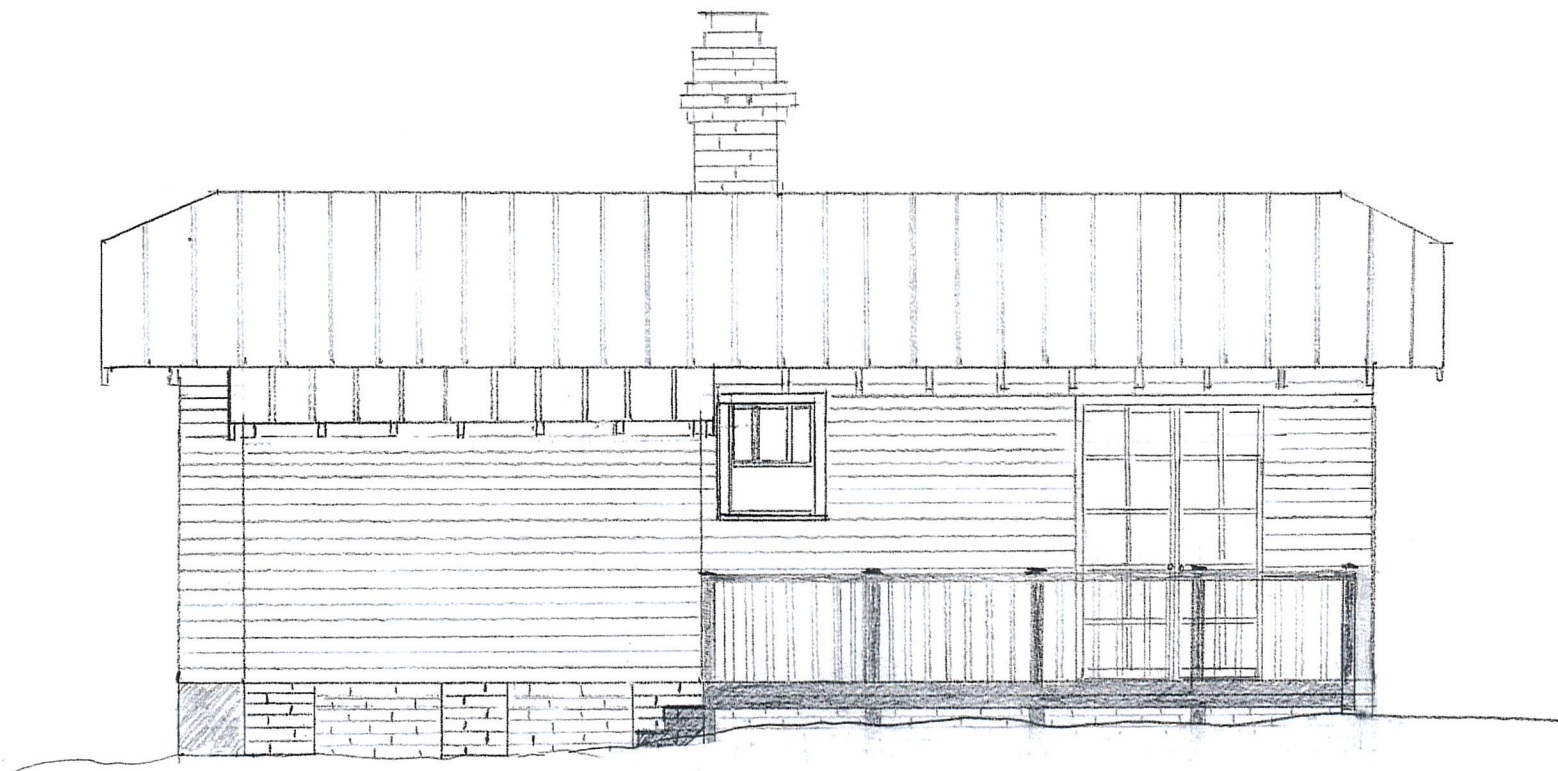


1:50

0 4' 8'



1103 W CADBURN ST  
SOUTH ELEVATION  
AFTER



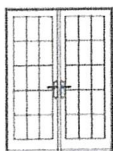
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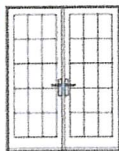
## OUTSWING FRENCH DOOR

MARVIN ULTIMATE COLLECTION  
(ALL WOOD)

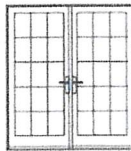
Multiple Assemblies – 2 Panel

MO (mm)  
RO (mm)  
FS (mm)  
DLO (mm)4-11 1/2 (1511)  
5 0 (1524)  
4-11 (1499)  
21 11/32 (542)5-3 1/2 (1613)  
5 4 (1626)  
5-3 (1600)  
23 11/32 (593)5-11 1/2 (1816)  
6 0 (1829)  
5-11 (1803)  
27 11/32 (695)MO (mm)  
RO (mm)  
FS (mm)5-1 1/8 (1553)  
5-1 5/8 (1565)  
5-0 5/8 (1540)6-1 1/8 (1857)  
6-1 5/8 (1870)  
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6-8 (2032)  
6-7 1/2 (2019)  
67 3/32 (1704)

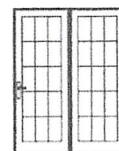
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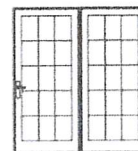
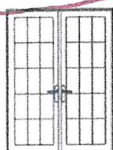
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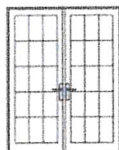
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6-8 (2032)  
6-7 1/2 (2019)

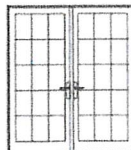
ELOFD2665 / ELOFD2665\* ELOFD3065 / ELOFD3065\*

6-10 1/4 (2089)  
6-10 1/2 (2095)  
6-10 (2083)  
69 19/32 (1768)

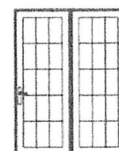
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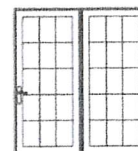
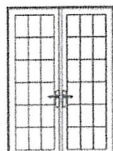
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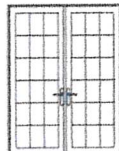
ELOFD6068 XXL

6-10 1/4 (2089)  
6-10 1/2 (2095)  
6-10 (2083)

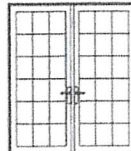
ELOFD2668 / ELOFD2668\* ELOFD3068 / ELOFD3068\*

7-2 1/4 (2191)  
7-2 1/2 (2197)  
7-2 (2184)  
73 19/32 (1869)

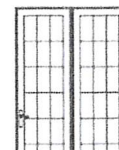
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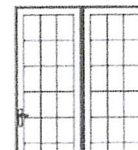
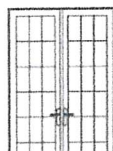
ELOFD5470 XXL



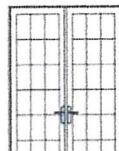
ELOFD6070 XXL

7-11 3/4 (2432)  
8-0 (2438)  
7-11 1/2 (2426)

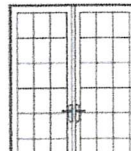
ELOFD2680 / ELOFD2680\* ELOFD3080 / ELOFD3080\*

7-11 3/4 (2432)  
8-0 (2438)  
7-11 1/2 (2426)  
83 3/32 (2111)

ELOFD5080 XXL



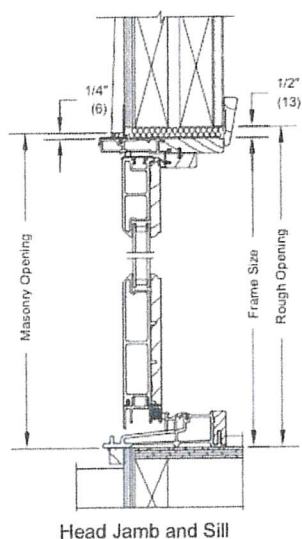
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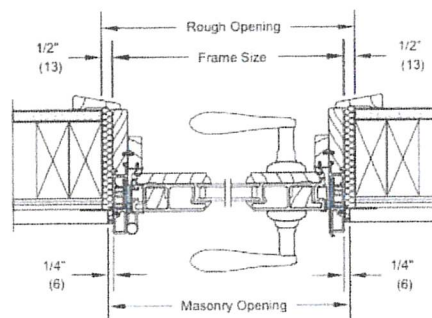
ELOFD6080 XXL

\* 2 panel mullied assembly

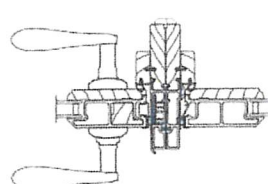
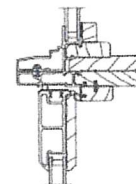
## Construction Details



Head Jamb and Sill



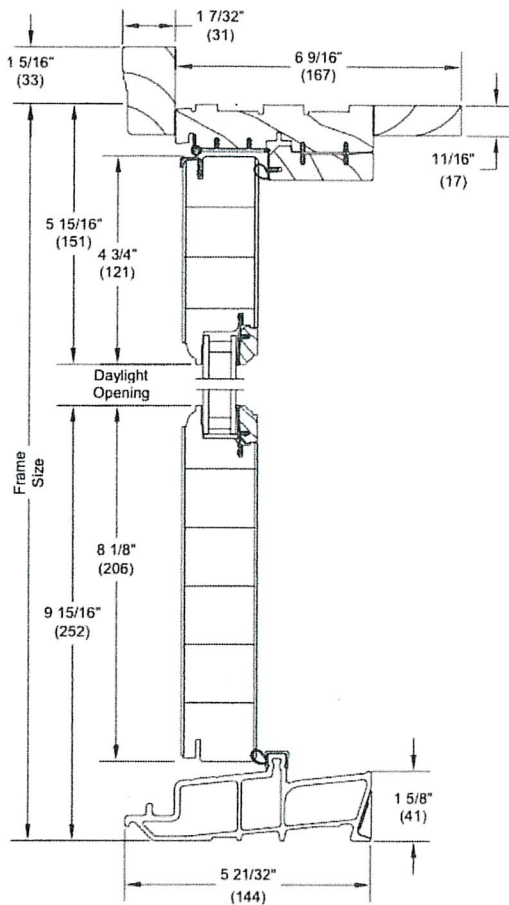
Jamb-XR Operator

Vertical Mullion  
XR-ODirect Glaze Over  
Outswing French Door

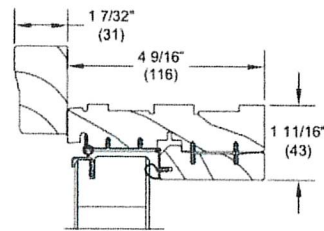


**Outswing Section Details: Operating**

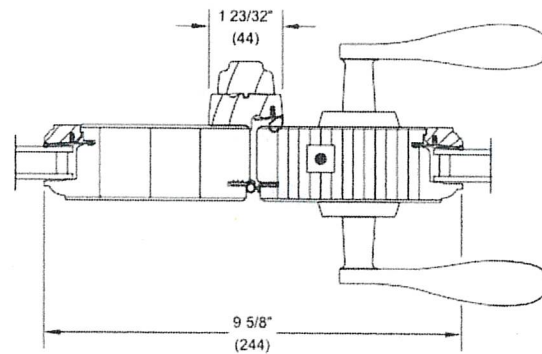
Scale: 3" = 1' 0"



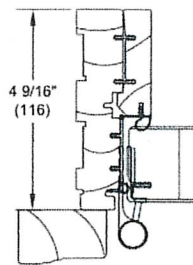
Head Jamb and Sill



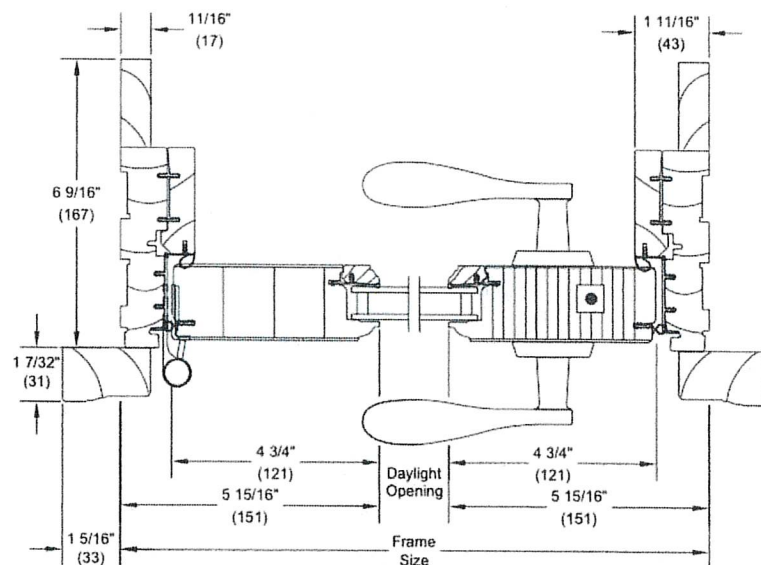
4 9/16" Head Jamb



OX L - Meeting Stiles



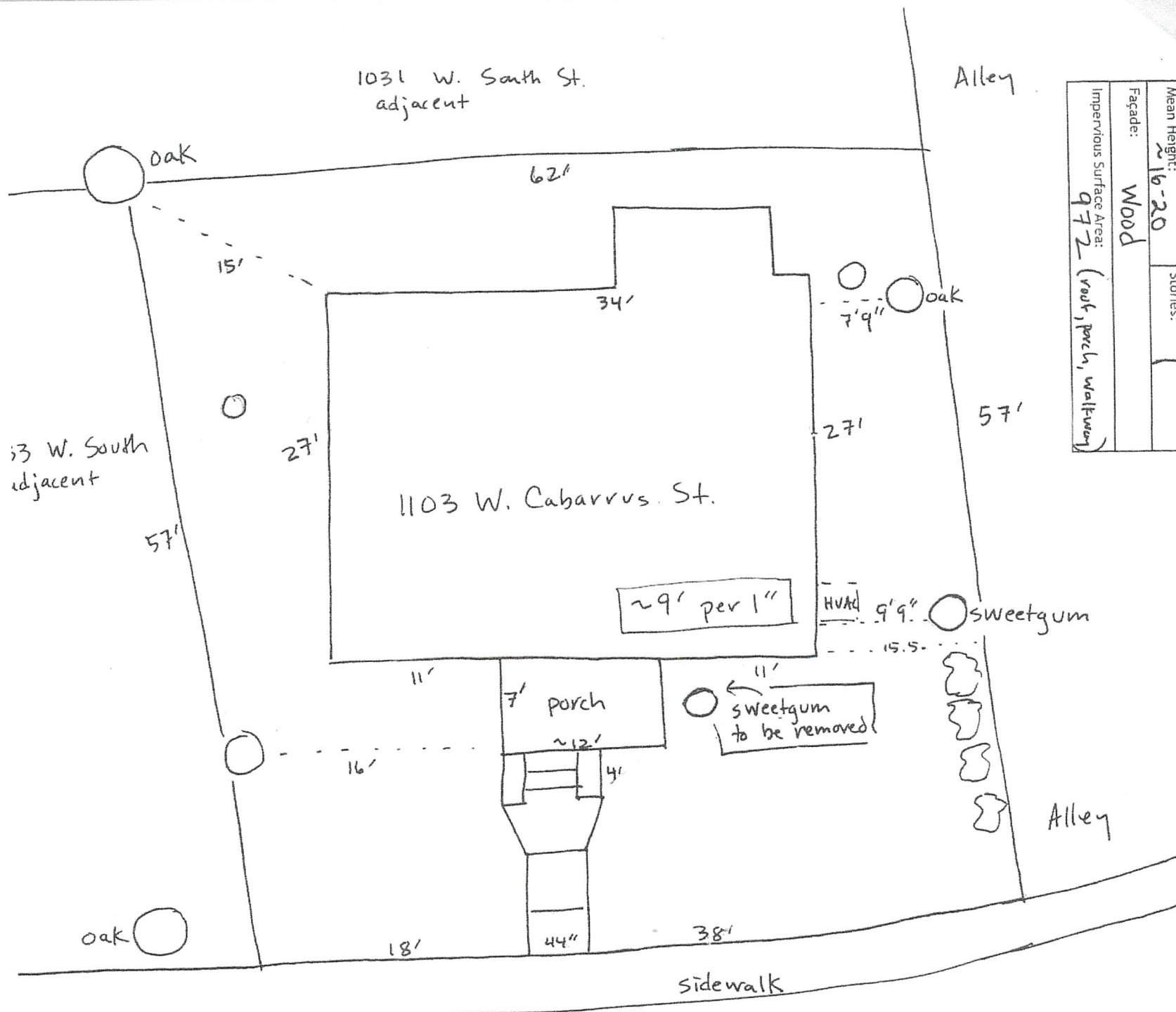
4 9/16" Jamb



X R - Jamb

# PLAN INFORMATION BLOCK

Footprint:	~ 839	Total Square Feet:	770
Crawl:	~ 750	Slab:	
Mean Height:	~ 16-20	Stories:	1
Basement:			
Facade:	Wood		
Impervious Surface Area:	972 (roof, porch, walkway)		













## Morton, Erin

---

**From:** hihauser@tutanota.com  
**Sent:** Tuesday, April 26, 2022 3:26 PM  
**To:** Morton, Erin  
**Subject:** RE: COA-0045-2022 (1031 W South St) - Minor Work  
**Attachments:** South Elevation 1031 B and A.pdf

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you verify that the attachment and content are safe. If you believe this email is suspicious, please click the 'Phish Alert' link in the banner to report this message.

Hi Erin.

Attached are drawings of the South elevation for 1031 W South Street before and after. The after shows the added side entrance with door identical to current original front door, deck and car charger. No conduit planned (wired through wall). If unavoidable it will be painted the same color as siding.

Ulrich

Ulrich Hauser  
3518 E Mountain View Rd  
Phoenix, Arizona 85028  
602.614-9059

Apr 22, 2022, 08:51 by Erin.Morton@raleighnc.gov:

Ulrich,

Received, thanks.

Best,

Erin

**Erin Morton**

Preservation Planner II

IN STOCK!



# HCS-50P Plug-in, 40A, L2 EVSE, 240V, NEMA 14-50

Brand: [ClipperCreek](#)  
Product Code: 0922-00-004  
Availability: Pre-Order

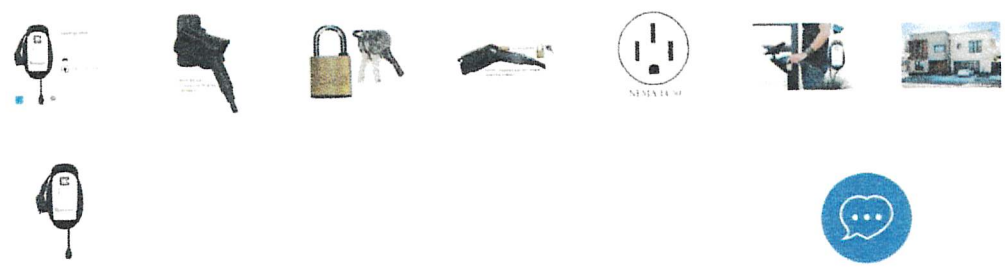
\$725.00

Qty  
1

Add to Cart

★★★★★ 30 reviews / [Write a review](#)

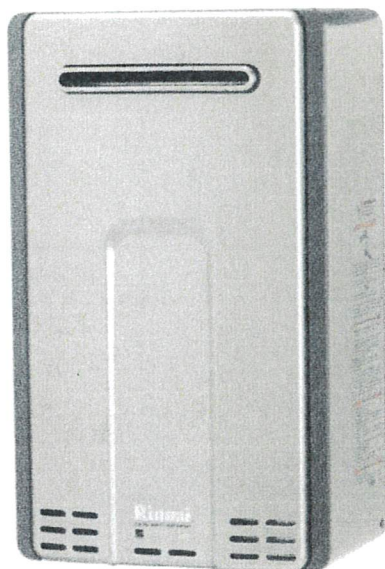
[Like 1](#) [Tweet](#) [Share](#) 9





**Description****Specification****Reviews (30)****General**

Charging Power	40 Amp (9.6kW max)
Product Dimensions	19.7"L x 8.9"W x 5.3"D
Product Weight	14 lbs.
Installation	Plug-in (NEMA 14-50, cord length 12" including plug head)
Supply Circuit	208/240V, 50A
Warranty	3 years
Charge Cable Length	25 feet
Vehicle Connector Type	Lockable SAE J1772
Accessories Included	SAE J1772 Connector Holster (wall mount); Connector Lock & Keys
Enclosure	Fully Sealed NEMA 4
Environment Rating	Indoor/Outdoor rated
Operating Temperature	-22°F to 122°F (-30°C to +50°C)
Certifications	ETL, cETLus, ENERGY STAR®
Country of Origin	United States of America



### EASE OF INSTALLATION AND SERVICEABILITY


- Compact Design to Save Space
- Wi-Fi Technology for Remote Monitoring, Management and Recirculation Control.
- Simple Gas Conversion
- Includes Certified Isolation Valves for Potable Water

### OPTIONAL ACCESSORIES

Condensate Neutralizer, ScaleCutter, Additional Controllers, Recess Box, Pipe Cover, EZConnect™ Cables, control-r™ Wi-Fi Module, External Recirculation Pump, Wireless Accessories, and many more.

Visit [rinnai.us](http://rinnai.us) for a complete list of accessories.

### HIGH-EFFICIENCY (NON-CONDENSING) TANKLESS WATER HEATER

Installation Type	External (Outdoor) Residential and Commercial Applications; Certified for installation in Manufactured (Mobile) Homes	
Model Number	RL94e (REU-VC2837WD-US)	
Approved Gas Types	Natural and Propane	
High Altitude Approved	Up to 10,200 ft. (3,109 m)	
Water Flow Control	Water Flow Sensor, Electronic Water Control and Fixed Bypass Control	
Efficiency	 AHRI CERTIFIED	UEF: 0.81
	Ratings not certified by AHRI	EF: 0.82
Controller	Included: MC-91-2US Optional: MC-100V-1US (Deluxe), BC-100V-1US (Bathroom), MCC-91-2US (Hydronic and Commercial Applications), MC-195T-US (for use with Circ-Logic), control-r™ Wi-Fi Module	
Certifications	AHRI, ANSI Z21.10.3, and CSA 4.3	

### Warranty

- Heat Exchanger: 12 years\* for residential
  - All Other Parts and Components: 5 Years\*
  - Reasonable Labor: 1 Year
- \* 3 years if used as a circulation water heater within a circulation loop when the water heater is in series with a circulation system and all circulating water flows through the water heater, and where an aquastat/thermostat, timer, or an on-demand recirculation system is not incorporated. Refer to the Tankless Water Heater Installation and Operation manual for complete warranty information.

### Safety Devices

Flame Failure - Flame Rod, Boiling Protection, Combustion Fan RPM Check, Over Current - Glass Fuse, Remaining Flame (OHS), Thermal Fuse and Automatic Frost Protection

### Included with Purchase

Tankless Water Heater, Color Coded Cold (Blue) and Hot (Red) Isolation Valves, Pressure Relief Valve, MC-91-2 Temperature Controller

### Additional Features

- Complies with South Coast Air Quality Management District 14 ng/J or 20 ppm NOx Emission Levels
- Ultra Low NOx
- Wi-Fi & Recirculation Capable
- 1/2 in. (13 mm) Gas Line Compatible



CERTIFIED TO ANSI Z21.10.3 — CSA 4.3



# TECHNICAL SPECIFICATIONS

SPECIFICATION		RL94e
Dimensions - w, h, d		14.04 in. x 22.95 in. x 9.27 in. (356.6 mm x 583 mm x 235.5 mm)
Minimum Gas Consumption Btu/h		10,300
Maximum Gas Consumption Btu/h		199,000
Flow Rate <sup>1</sup> (Min - Max)		0.26 - 9.8 GPM (1.0 - 37.1 L/min)
Weight		44.3 lbs. (20.1 kg.)
Sound Level		55 dB
Electrical	Normal	65 W
	Standby	2 W
	Freeze Protection	104 W
	Max With Pump	8 Amps
	Max without Pump	4 Amps
	Fuse	10 Amps
Temperature (with remote)		98° - 120° F (37°C - 49°C) (factory default) 98° - 185° F (37° - 85° C) available with the MCC-91-2 controller for commercial and hydronic applications
Temperature (without remote)		120° F (49°C) (factory default) or 140° F (60°C)
Gas Supply Pressure <sup>2</sup>		• Natural: 4 in. w.c. - 10.5 in. w.c. (10 mbar - 26.1 mbar) • Propane: 8 in. w.c. - 13.5 in. w.c. (20 mbar - 33.6 mbar)
Ignition System		Direct Electronic Ignition
Electronic Connections		• Appliance: AC 120 Volts, 60Hz. • Temperature Controller: DC 12 Volts (Digital)
Water Supply Pressure		• Minimum: 20 PSI (Recommended 30-80 PSI for max performance) • Maximum: 150 PSI
Controller Cable		Non-Polarized Two Core Cable (Minimum 22 AWG)
Service Connections		• Gas Supply: 3/4 in. (19 mm) NPT • Cold Water Inlet: 3/4 in. (19 mm) NPT • Hot Water Outlet: 3/4 in. (19 mm) NPT • Condensate Drain: 1/2 in. (13 mm) NPT
Clearances from Combustibles		• Top: 12 in. (305 mm)      • Back: 0 in. • Bottom/Ground: 12 in. (305 mm)      • Sides: 6 in. (152 mm) • Front (Panel): 24 in. (610 mm)      • Front (Exhaust): 24 in. (610 mm)
Clearances from Non-Combustibles		• Top: 2 in. (51 mm)      • Back: 0 in. • Bottom/Ground: 2 in. (51 mm)      • Sides: 1/8 in. (3.2 mm) • Front (Panel): 24 in. (610 mm)      • Front (Exhaust): 0 in.*

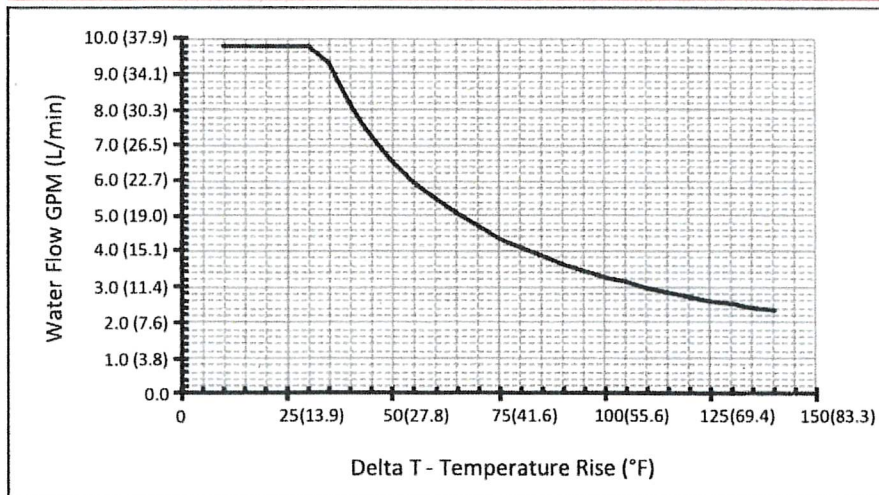
\* Clearance for servicing is 24 in. (610 mm) in front of water heater

<sup>1</sup> Minimum flow may vary slightly depending on the temperature setting and the inlet water temperature.

Minimum activation flow is 0.4 GPM (1.5 L/min).

<sup>2</sup> The maximum gas supply pressure must not exceed the value specified by the manufacturer.

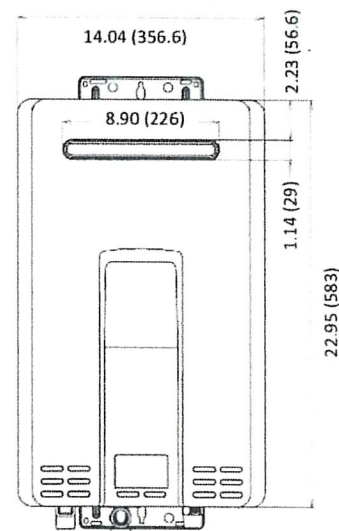
# WATER FLOW CURVE



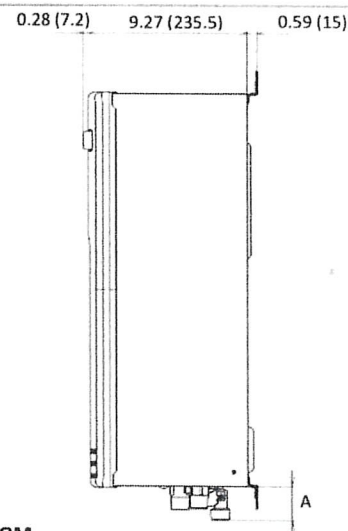
# DIMENSIONS

in. (mm)

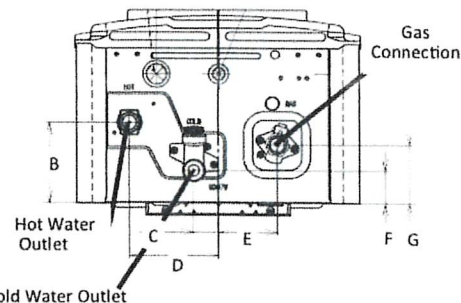
## FRONT



## SIDE

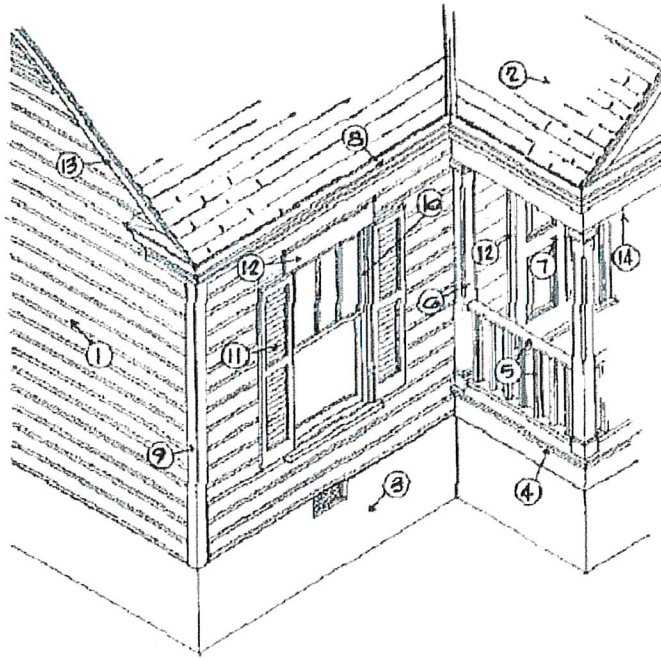


## BOTTOM



DIMENSION	Inches (mm)	DIMENSION	Inches (mm)
A (GAS)	1.31 (33.2)	D	4.33 (110)
A (COLD)	1.93 (49)	E	2.91 (73.8)
A (HOT)	1.35 (34.4)	F	1.61 (40.8)
B	3.96 (100.7)	G	2.87 (73)
C	1.17 (29.8)		

# Raleigh Historic Development Commission – Certificate of Appropriateness Paint Schedule



Applicant

ULRICH HAUSER

Address

1103 W CABARRUS ST, RALEIGH, NC 27603

Paint Manufacturer (Please submit color chips with this schedule)

COLOR: BEHR, PAINT: BENJ. MOORE

## Color Schedule

1	Body of House	BEACH HOUSE W6-1, BWC-04
2	Roofing	GALVANIZED METAL, -
3	Foundation	HISTORICAL GRAY, GN4-4, N370-4A
4	Porch Floor	NIGHT MISSION, GN4-7, N370-7
5	Railing	BEACH HOUSE W6-1, BWC-04
6	Columns	"
7	Entrance Door	"
8	Cornice	"
9	Corner Boards	"
10	Window Sash	"
11	Shutter	-
12	Door & Window Trim	"
13	Rake	"
14	Porch Ceiling	"
15	Other	



Siding/ Trim/ Windows

WG-1

Beach House  
BWC-04<sup>U</sup>

Porch Floor

GN4-7

DYNASTY  
MARQUEE®  
ONE-COAT

Night Mission  
N370-7<sup>D</sup>

Foundation

GN4-4

DYNASTY  
MARQUEE®  
ONE-COAT

Historical Gray  
N370-4A<sup>M</sup>

Property  
1103 W Cabarrus Street

J. ULRICH HAUSER  
ARCHITECTURAL DESIGN  
3518 EAST MOUNTAIN VIEW ROAD  
PHOENIX, ARIZONA 85028  
602.614-9059



## Description



The mailbox brings that finishing touch to any entryway. This mailbox blends aesthetic appeal and functional design elements. The large incoming mail slot, which is discreetly hidden under the top lid, accepts magazines, priority mail envelopes, and thick catalogs. Each mailbox is equipped with a stainless steel lock with a locked/unlocked indicator and two keys. The parkside is pre-drilled and includes hardware for simple installation.

[See More](#)

## Weights & Dimensions



Overall	13.5" H x 10.87" W x 4.92" D
Interior	12.6" H x 10" x 4.5"
Overall Product Weight	4.31 lb.
Interior Volume	722 cubic inches

## Specifications



## Have a question?

We're here to help.















44491

















































































7.31 sq ft

3' 3"

27"



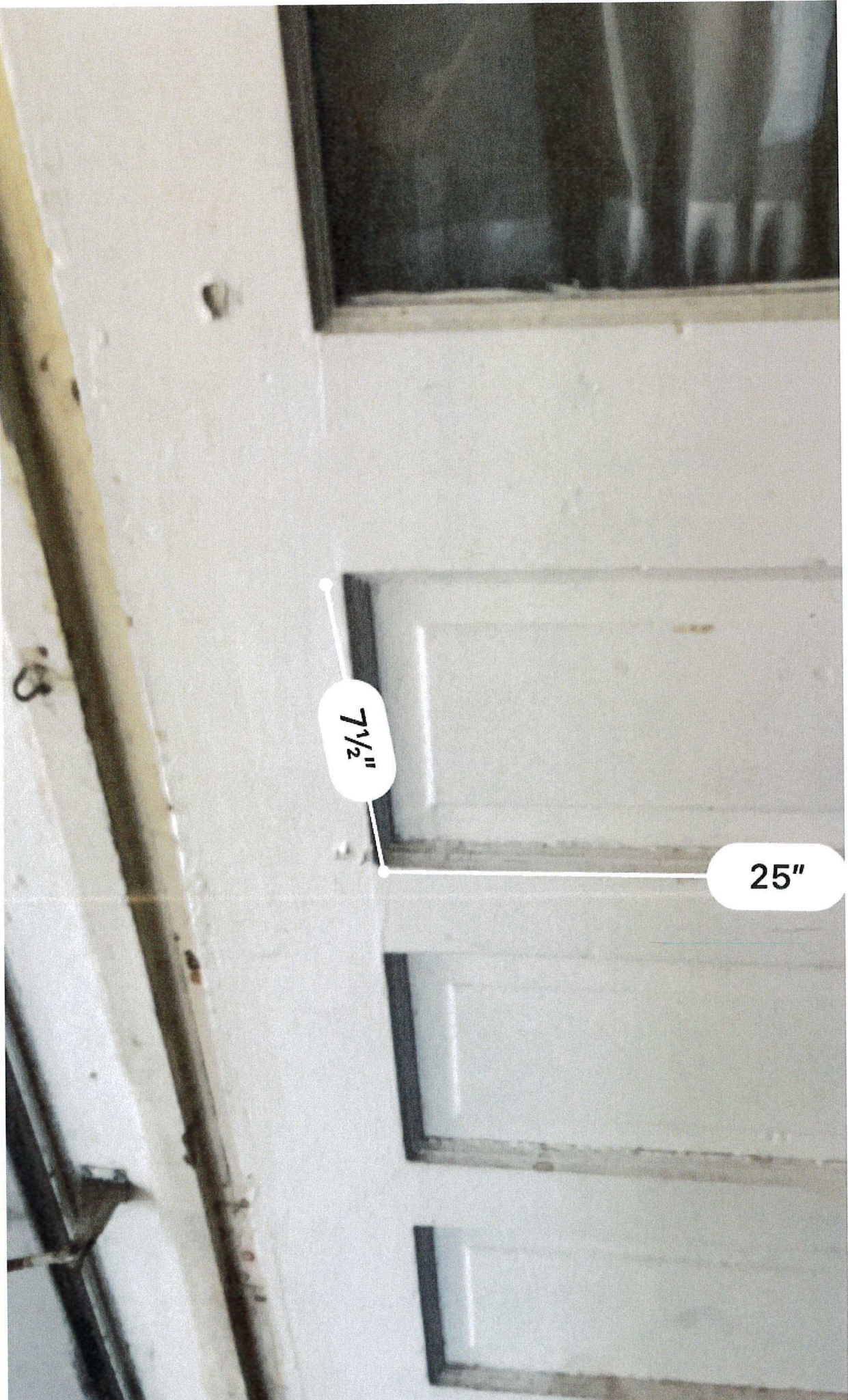


**34½"**









7 1/2"

25"





2 1/2"







