CITY OF NORMAN, OK
HISTORIC DISTRICT COMMISSION MEETING

Development Center, Room A, 225 N. Webster Ave., Norman, OK 73069
Monday, October 06, 2025 at 5:30 PM

AGENDA

It is the policy of the City of Norman that no person or groups of persons shall on the grounds of race, color, religion, ancestry, national origin, age, place of birth, sex, sexual orientation, gender identity or expression, familial status, marital status, including marriage to a person of the same sex, disability, relation, or genetic information, be excluded from participation in, be denied the benefits of, or otherwise subjected to discrimination in employment activities or in all programs, services, or activities administered by the City, its recipients, sub-recipients, and contractors. In the event of any comments, complaints, modifications, accommodations, alternative formats, and auxiliary aids and services regarding accessibility or inclusion, please call 405-366-5424, Relay Service: 711. To better serve you, five (5) business days' advance notice is preferred.

ROLL CALL

MINUTES

1. CONSIDERATION OF APPROVAL, REJECTION, AMENDMENT, AND/OR POSTPONEMENT OF THE MINUTES AS FOLLOWS:

   HISTORIC DISTRICT COMMISSION MEETING MINUTES OF SEPTEMBER 8, 2025.

CERTIFICATE OF APPROPRIATENESS REQUESTS

2. (HD 25-28) CONSIDERATION OF APPROVAL, REJECTION, AMENDMENT, AND/OR POSTPONEMENT OF THE CERTIFICATE OF APPROPRIATENESS REQUEST FOR THE PROPERTY LOCATED AT 742 S LAHOMA AVENUE FOR THE REPLACEMENT OF A STORAGE SHED.

3. (HD 25-29) CONSIDERATION OF APPROVAL, REJECTION, AMENDMENT, AND/OR POSTPONEMENT OF THE CERTIFICATE OF APPROPRIATENESS FOR THE PROPERTY LOCATED AT 630 OKMULGEE STREET FOR THE FOLLOWING MODIFICATIONS: A) REPLACEMENT OF EXTERIOR METAL SIDING WITH HARDIE LAP SIDING; B) REPLACEMENT OF OVERHEAD GARAGE DOOR.

4. (HD 25-30) CONSIDERATION OF APPROVAL, REJECTION, AMENDMENT, AND/OR POSTPONEMENT OF THE CERTIFICATE OF APPROPRIATENESS REQUEST FOR THE PROPERTY LOCATED AT 502 MACY STREET FOR THE FOLLOWING MODIFICATIONS: A) DEMOLITION OF THE EXISTING GARAGE; B) DEMOLITION OF THE EXISTING STORM SHELTER; C) INSTALLATION OF A GARAGE WITH AN ATTACHED CABANA.

REPORTS/UPDATES

5. STAFF REPORT ON ACTIVE CERTIFICATES OF APPROPRIATENESS AND ADMINISTRATIVE BYPASS ISSUED SINCE SEPTEMBER 8, 2025.

6. DISCUSSION OF PROGRESS REPORT REGARDING FYE 2025-2026 CLG GRANT PROJECTS.

MISCELLANEOUS COMMENTS

ADJOURNMENT

CITY OF NORMAN, OK
HISTORIC DISTRICT COMMISSION MEETING

Development Center, Room A, 225 N. Webster Ave., Norman, OK 73069
Monday, September 08, 2025 at 5:30 PM

MINUTES

AMENDED

The Historic District Commission of the City of Norman, Cleveland County, State of Oklahoma, met in Regular Session in Conference Room A at the Development Center, on Monday, September 08, 2025 at 5:30 PM and notice of the agenda of the meeting was posted at the Development Center at 225 N. Webster Ave, the Norman Municipal Building at 201 West Gray, and on the City website at least 24 hours prior to the beginning of the meeting.

Vice Chair Gregory Heiser called the meeting to order at 5:35 p.m.

ROLL CALL

PRESENT
Karen Thurston
Taber Halford
Jo Ann Dysart
Kendel Posey
Gregory Heiser
Michael Zorba*
Susan Skapik

*Michael Zorba arrived at 5:37 p.m.

ABSENT
Mitch Baroff

STAFF PRESENT
Anais Starr, Planner II/Historic Preservation Officer
Jeanne Snider, Assistant City Attorney III
Whitney Kline, Admin Tech IV

GUEST PRESENT
Joel & Kara Young, 6810 E. Lindsey, Norman, OK
Stacy Pattillo & J.S. Williams, 315 Castro, Norman, OK
Catherine Gilarranz & Chirstopher Perry (Krittenbrink Architecture), 119 W. Main, Norman, OK

MINUTES

1. CONSIDERATION OF APPROVAL, REJECTION, AMENDMENT, AND/OR POSTPONEMENT OF THE MINUTES AS FOLLOWS:

   HISTORIC DISTRICT COMMISSION MEETING MINUTES OF AUGUST 4, 2025.

Motion by Commissioner Thurston to approve the minutes from the August 4, 2025 Historic District Commission Meeting; **Second** by Commissioner Dysart.

The motion passed unanimously with a vote of 6-0.

CERTIFICATE OF APPROPRIATENESS REQUESTS

2. PUBLIC HEARING FOR THE CONSIDERATION OF A RECOMMENDATION OF NOMINATION TO THE NATIONAL REGISTER OF HISTORIC PLACES (NRHP) FOR THE SPANN HOUSE, LOCATED AT 6810 E LINDSEY STREET, NORMAN, OKLAHOMA.

Motion by Commissioner Heiser to recommend nomination to the Nation Register of Historic Places (NRHP) for the Spann House; **Second** by Commissioner Halford.

Staff Presentation

Anais Starr, Planner II/Historic Preservation Officer, presented the staff report.

Applicant Presentation

Mike Mayes, SHPO, and Joel Young, Owner, explained the proposed nomination of the Spann House.

Public Comments

Scott Williams, 315 S. Castro, Norman, OK (Support)

Commission Discussion

Commissioners discussed the importance of listing the Spann House on the National Register of Historic Places and its architectural significance. Commissioners found the proposed canopy and shutters met the Preservation Guidelines.

The motion passed unanimously with a vote of 7-0.

3. (HD 25-26) CONSIDERATION OF APPROVAL, REJECTION, AMENDMENT, AND/OR POSTPONEMENT OF THE CERTIFICATE OF APPROPRIATENESS REQUEST FOR THE PROPERTY LOCATED AT 485 COLLEGE AVENUE FOR THE FOLLOWING MODIFICATIONS: A) REPLACEMENT OF THE FRONT STOOP CANOPY ON THE PRINCIPAL STRUCTURE; AND B) INSTALLATION OF WOOD SHUTTERS ON THE FRONT AND REAR ELEVATIONS OF THE PRINCIPAL STRUCTURE.*(These requests were postponed from the August 4, 2025, meeting)*

Motion by Commissioner Halford to approve HD 25-26 as submitted; **Second** by Commissioner Thurston.

Staff Presentation

Anais Starr, Planner II/Historic Preservation Officer, presented the staff report.

Applicant Presentation

Catherine Gillaranz, representative of the applicant, explained the proposed project.

Commissioners discussed the proposed modifications, including the size of the windows and the design of the canopy.

Public Comments

There we no public comments.

Commission Discussion

Commissioners discussed the proposed modifications, including the compatibility with the existing structure and the district guidelines.

The motion passed unanimously with a vote of 7-0.

4. (HD 25-25) CONSIDERATION OF APPROVAL, REJECTION, AMENDMENT, AND/OR POSTPONEMENT OF THE CERTIFICATE OF APPROPRIATENESS REQUEST FOR THE PROPERTY LOCATED AT 315 CASTRO STREET FOR THE CONSTRUCTION OF A GARAGE.

Motion by Commissioner Thurston to approve HD 25-25 as submitted; **Second** by Commissioner Heiser.

Staff Presentation

Anais Starr, Planner II/Historic Preservation Officer, presented the staff report.

Applicant Presentation

Scott Williams & Stacy Patillo, property owners, explained the proposed project.

Commissioners discussed the proposed design, including the size of the garage, the placement of windows, and the compatibility with the existing structure.

Public Comments

There we no public comments.

Commission Discussion

Commissioners asked questions regarding the proposed design, including the potential impact on the neighborhood and the historical structure.

The commissioners suggested the applicants postpone the request to provide revisions.

Commissioners provided feedback on the proposed design and suggested further modifications to address their concerns, including a single-car garage and shotgun-style garage with access from the alley and front driveway.

Motion by Commissioner Posey to postpone HD 25-25 to a future Historic District Commission meeting; **Second** by Commissioner Dysart.

The motion passed unanimously with a vote of 7-0.

REPORTS/UPDATES

5. STAFF REPORT ON ACTIVE CERTIFICATES OF APPROPRIATENESS AND ADMINISTRATIVE BYPASS ISSUED SINCE AUGUST 4, 2025.

Anais Starr reported on active COAs as follows:

- 549 S. Lahoma Avenue - Applicant is in the process of submitting a COA request for the north windows.
- 904 Classen Avenue - Applicant is in the process of installing windows and siding on the north side of the house.
- 607-609 S. Lahoma Avenue - New wood front windows installed. They have until 6/5/2028 to install remaining windows.
- 1320 Oklahoma Avenue - Demolition completed.
- 505 Chautauqua Avenue - Work continues.
- 643 Okmulgee Street - Work on the house is complete. Expansion of the driveway with an additional parking space has not started. The rear fence is complete.
- 424 College Avenue - Work has started.
- 800 Miller Avenue - Work is in progress on siding, doors, and windows.
- 514 Shawnee Street - Work has not started.
- 510 Shawnee Street - Work has not started.
- 315 Castro Street - Work has not started.
- 467 College Avenue - Work is in progress.

6. DISCUSSION OF PROGRESS REPORT REGARDING FYE 2025-2026 CLG GRANT PROJECTS.

Anais Starr explained the approved contract and the allocation of funds for educational training, membership dues, and tour application maintenance fee. Ms. Starr also mentioned upcoming lunch and learn sessions on window repair.

MISCELLANEOUS COMMENTS

Commissioner Halford promotes the Miller neighborhood's Porch Fest, highlighting its community impact.

Chair Commissioner Zorba announced that this was Commissioner Halford’s last meeting.

Anais Starr acknowledged Commissioner Halford’s five-year commitment to the commission, and expressed her gratitude and contributions for his services.

ADJOURNMENT

The meeting was adjourned at 7:00 p.m.

Passed and approved this _____ day of _____ 2025.

Michael Zorba, Historic District Commission Chair

CITY OF NORMAN, OK

STAFF REPORT

MEETING DATE: 10/6/25

REQUESTER: Erika Evans on behalf of Brooks Bungalow, LLC

PRESENTER: Anais Starr, Planner II/Historic District Preservation Officer

ITEM TITLE: (HD 25-28) CONSIDERATION OF APPROVAL, REJECTION, AMENDMENT, AND/OR POSTPONEMENT OF THE CERTIFICATE OF APPROPRIATENESS REQUEST FOR THE PROPERTY LOCATED AT 742 S LAHOMA AVENUE FOR THE REPLACEMENT OF A STORAGE SHED.

Background

Historical Information

2004 Chautauqua Historic District Nomination Survey Information:

742 South Lahoma Avenue. *Ca. 1946. Minimal Traditional. This non-contributing, one-story, vinyl-sided single dwelling has an asphalt-covered, hipped roof and a concrete block foundation. The vinyl windows are simulated, six-over-six, hung. The wood door is glazed paneled. The partial porch has been screened and has a shed roof with square supports. Other exterior features include a red brick interior chimney on the north side and an attached single-car garage, also on the north side, which has been converted to living space. To the north of the house is a vertical woodshed with metal sliding windows and a wood swinging door. The house is noncontributing due to insufficient age.*

Sanborn Insurance Map Information

The 1944 Sanborn Insurance Map shows this parcel vacant, which indicates the existing structures were built after 1944.

Previous Actions

There have been no Certificates of Appropriateness issued for this property.

REQUEST

Replacement of a storage shed.

Project Description:

The applicant proposes to replace the deteriorated wood storage shed located in the northwest corner of the property. It is proposed that the existing 96-square-foot wood storage shed be replaced with a 120-square-foot LP Smart Siding shed. The proposed storage shed will be set back three feet from the west property line and one foot from the north property line, which meets the Zoning Ordinance requirements for setbacks. The windows will be metal.

Reference

Historic District Ordinance

36-535.a.2(g): *To safeguard the heritage of the City by preserving and regulating historic district structures in such a way that maintains or restores their historic integrity while allowing modern-day uses and conveniences for their residents.*

36.535.c.3*:* ***Reviewing non-contributing structures.*** *Non-contributing structures should be controlled only to the degree necessary to make them compatible with the general atmosphere of any district with regard to exterior alteration, additions, signs, site work, and related activities.*

Preservation Guidelines

2.5 Standards for Administrative Bypass for Accessory Structures less than 400 square feet

The following items can receive a Certificate of Appropriateness (COA) through the Administrative Bypass process if they meet the criteria listed. If they do not meet the criteria, the application will be forwarded to the Historic District Commission for a full review.

.1 Small Accessory Structures 120 square feet or less. *Must meet the following:*

a. No greater than 120 square feet footprint. Owner/applicant must meet the building code requirement for a building permit.

b. The design of accessory buildings are compatible with the primary structure and surrounding district.

c. Located in the rear yard with no visibility from the front right-of-way.

d. Metal and vinyl exterior materials are prohibited.

2.6 Guidelines for Accessory Structures less than 400 square feet

A review by the Historic District Commission will use the following criteria for the issuance of a Certificate of Appropriateness (COA):

.5 Make New Construction Compatible*. Accessory structures greater than 120 square feet but less than 400 square feet shall be compatible in form, scale, size, materials, features, and finish with the principal structure. New construction must meet the following:*

a. *Located in the rear yard, and not visible from front right-of-way.*

b. *Compatible in design, style, and material to the principal historic structure and the surrounding historic neighborhood.*

c. *Select materials and finishes for proposed new accessory buildings that are found in historic structures in the district in terms of composition, scale, pattern, detail, texture, and finish. Acceptable materials include brick and stone masonry, stucco, and wood. Cement fiberboard will be considered on a case-by-case basis when there is limited visibility from the front right-of-way. Structures with no visibility from the front may utilize cement fiberboard. No metal or vinyl structures are allowed.*

d. *New accessory structures shall be one-story in height and less than 10 feet in wall height.*

Considerations/Issues:

The Preservation Guidelines permit storage sheds measuring 120 square feet or less to be approved through the Administrative Bypass process if they meet the specified criteria. This property lacks a typical rear yard behind the house. The location of the existing and the proposed storage shed is limited to the north side of the property which is visible from Lahoma

Avenue. Since the proposed storage shed cannot meet the Administrative Bypass criteria, regarding visibility from the front right-of-way, the request must be reviewed by the Commission.

The proposed storage shed meets the Zoning Ordinance setback and impervious surface requirements. The proposed LP Smart siding and metal windows meets the *Guidelines for Accessory Structures less than 400 Square Feet.*

The Historic District Ordinance and *Preservation Guidelines* permit modern-day conveniences, such as this proposed storage shed. Furthermore, the *Guidelines* encourage new structures to be of “their own time”. This structure is a typical modern-day storage shed and does not create a false sense of history by emulating a historic design.

Since available locations on the property for a storage shed have visibility from either Lahoma Avenue or Brooks Street, it seems reasonable to allow the replacement of the existing shed with a similar shed in the same location. It should be noted that this property is a non-contributing structure due to its insufficient age, and the proposed shed will not impact a historic structure.

The Commission would need to determine if the replacement storage shed meets the *Preservation Guidelines* and is compatible with the surrounding Chautauqua Historic District.

Commission Action: (HD 25-28) Consideration of approval, rejection, amendment, and/or postponement of a Certificate of Appropriateness request for the property located at 742 S Lahoma Avenue for the replacement of a storage shed.

The City of Norman Historic District Commission
APPLICATION FOR CERTIFICATE OF APPROPRIATENESS (COA)

Staff Only Use:	
HD Case #	
Date	
Received by:	

***Note:** Any relevant building permits must be applied for and paid for separately in the Planning and Community Development Office 405-366-5311.*

Address of Proposed Work:	742 S Lahoma, Norman, OK 73036

Applicant's Contact Information:

Applicant's Name:	Erika Evans
Applicant's Phone Number(s):	[redacted]
Applicant's E-mail address:	[redacted]
Applicant's Address:	[redacted]
Applicant's relationship to owner:	☐ Contractor ☐ Engineer ☐ Architect

Owner's Contact Information: (if different than applicant)

Owner's Name:	Brooks Bungalow, LLC / Bryan Evans
Owner's Phone Number(s):	[redacted]
Owner's E-mail	[redacted]

Project(s) proposed: (List each item of work proposed. Work not listed here cannot be reviewed.)

1) Replacing Shed with new wooden shed similar in size

2)

3)

4)

Supporting documents such as project descriptions, drawings and pictures are required see checklist page for requirements.

Authorization:
I hereby certify that all statements contained within this application, attached documents and transmitted exhibits are true to the best of my knowledge and belief. In the event this proposal is approved and begun, I agree to complete the changes in accordance with the approved plans and to follow all City of Norman regulations for such construction. I authorize the City of Norman to enter the property for the purpose of observing and photographing the project for the presentations and to ensure consistency between the approved proposal and the completed project. I understand that no changes to approved plans are permitted without prior approval from the Historic Preservation Commission or Historic Preservation Officer

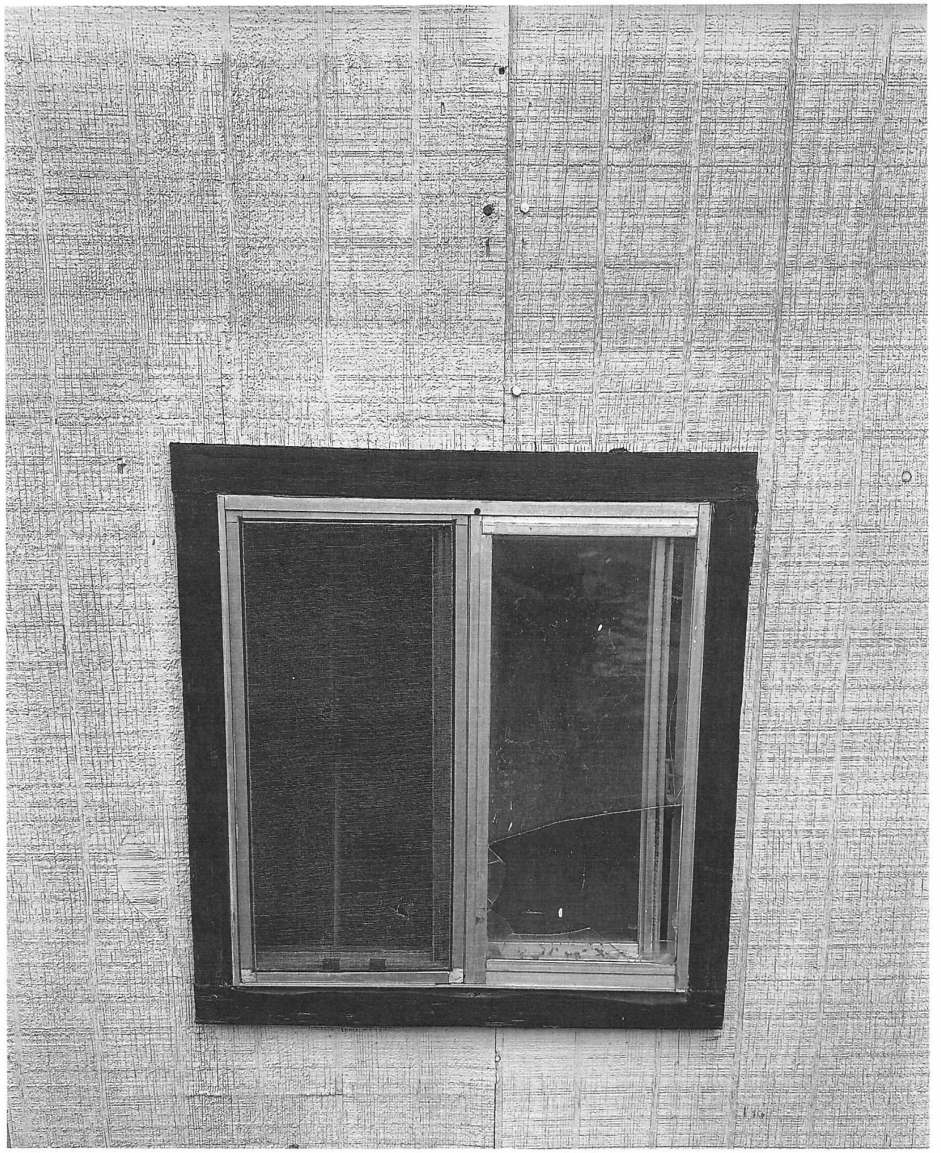
Property Owner's Signature: Bryan Evans **Date:** 8/28/25

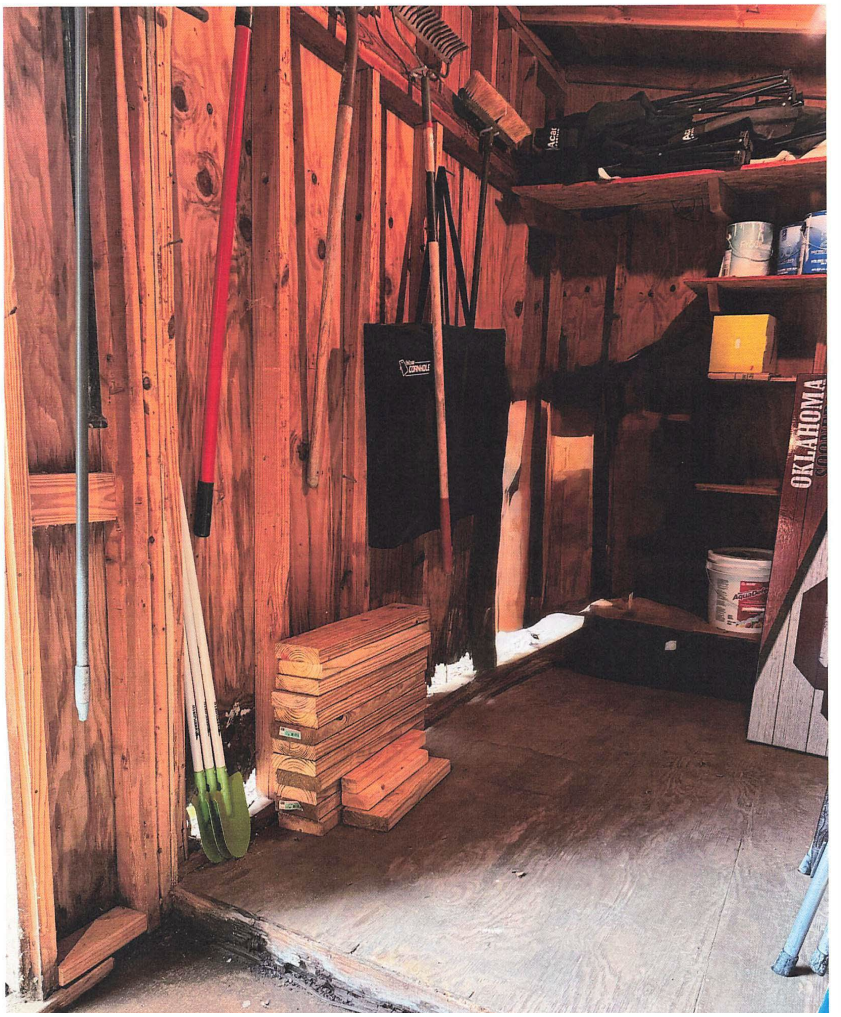
☑ (If applicable): I authorize my representative to speak in matters regarding this application. Any agreement made by my representative regarding this proposal will be binding upon me.

Authorized Representative's Printed Name: Erika Evans

Authorized Representative's Signature: Erika Evans **Date:** 8/28/25


106"
98"
151"

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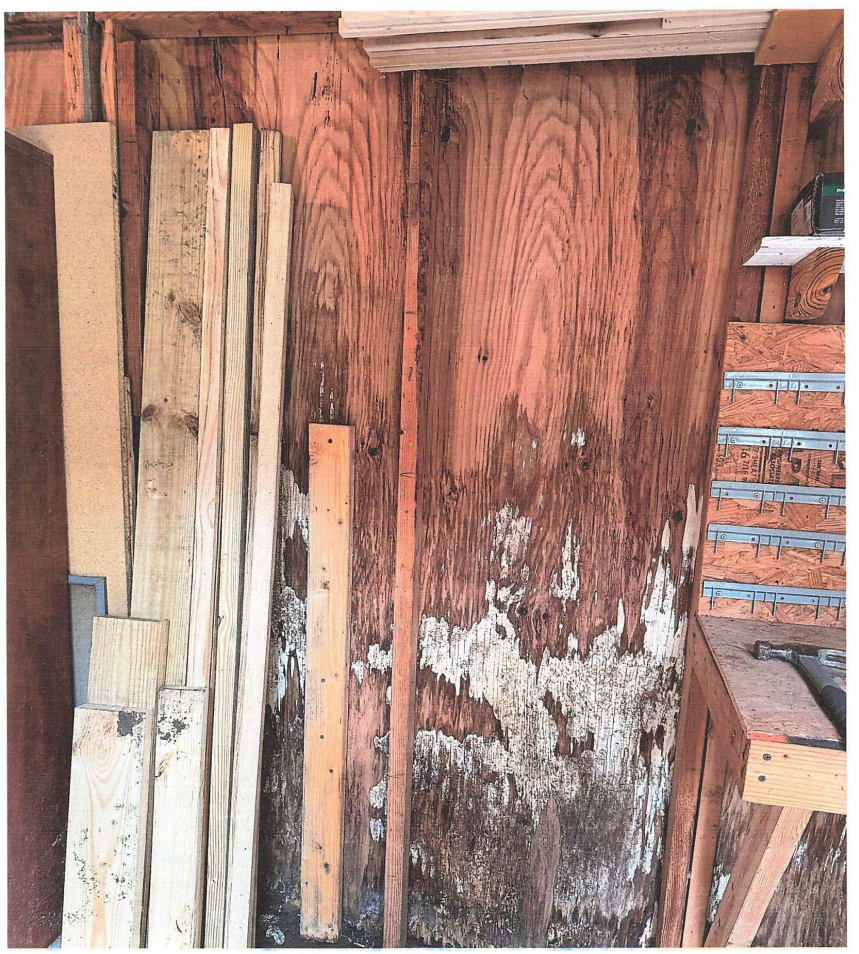


Heartland Lancaster 12-ft x 10-ft Gable Style Wood Outdoor Storage Shed with 2 Windows 1 Doors (Floor Included)

Item #6243161 | Model #19021-6

Shop Heartland 4.6 57






Overview

Discover the perfect fit for your backyard with the versatile Lancaster wood shed, available in a range of popular sizes. Enhance your storage with doors featuring integrated transom windows for abundant natural light. The wide 64-inch doors boast black face-mounted hinges and extra wide door trim, adding a touch of style to functionality. Wit foot-tall sidewalls, conveniently store vertical items like rakes and ladders. The resilient LP® SmartSide® siding ensures protection against rot, termites, and wind, offering dur for the long haul. This spacious shed accommodates lawnmowers, wheelbarrows, bicycles, and more. Built with robust 2x4 wood construction, the Lancaster mirrors the stur of your home, providing lasting peace of mind for your storage needs.

- To purchase with professional installation, call Lowe's (888-645-6937)
- 64" wide double doors provide easy access to large equipment
- Two operable windows (with screens) for natural light and airflow
- Complete floor system with treated frame and OSB decking included
- Strong 2x4 construction can stand up to demanding wind speeds (up to 115 mph)
- Superior protection against hail, wind, moisture, decay, and termites using LP® SmartSide® siding
- 7' tall sidewalls provide convenient vertical storage for long handled tools
- Install your own shed with all wood pre-cut and ready to assemble
- 10-year limited material warranty

Dimensions

Actual Exterior Length (Feet)	10	Door Opening Width (Inches)	64
Actual Exterior Peak Height (Feet)	9.1	Floor Storage Capacity (Sq. Feet)	120
Actual Exterior Width (Feet)	12	Foundation Length (Feet)	10
Actual Interior Length (Feet)	9.4	Foundation Width (Feet)	12
Actual Interior Peak Height (Feet)	8.5	Package Height (Inches)	24.5
Actual Interior Width (Feet)	11.4	Package Length (Inches)	48.5
Common Exterior Length (Feet)	10	Package Weight (lbs.)	1247
Common Exterior Size (W x L)	12-ft x 10-ft	Package Width (Inches)	96.5
Common Exterior Width (Feet)	12	Storage Capacity (Cu. Feet)	1015
Common Size Range	X-large (over 10-ft x 12-ft)	Storage Capacity Range (Sq. Ft.)	Large (over 100 sq. ft.)
Door Opening Height (Inches)	70		

Heartland Lancaster 12-ft x 10-ft Gable Style Wood Outdoor Storage Shed with 2 Windows 1 Doors (Floor Included) $2,969.10

Shop Heartland ★★★★★ 4.6 ⌄ 57

Features

Assembly Required	Yes
Bike Storage	Yes
Construction	24-in on center
Door Type	Double door
Fire Resistant	No
Floor Included	Yes
Foundation Included	No
Hardware Included	Yes
Impact Resistant	Yes
Installation Included	No (not included)
Lockable	Yes
Lumber Storage	Yes
Material	Wood
Maximum Roof Load (lbs.)	20
Maximum Wind Load	81-120 mph
Mold/Mildew Resistant	Yes
Mower Storage	Yes
Number of Doors	1
Number of Shelves	0
Number of Windows	2
Paintable	Yes
Paintable/Stainable	Paintable
Primed	Yes
Professional Installation Included	No
Roof Color Family	Multiple colors/finishes
Roof Material	Wood
Roof Style	Gable
Rot Resistant	Yes
Rust Resistant	Yes
Shelf Included	No
Shingles Included	No
Sidewall Height (Feet)	7
Siding Color Family	Multiple colors/finishes
Siding Type	Engineered wood
Skylight Included	No
Tool Storage	Yes
Trash Bin Storage	No
UV Protected	Yes
Ventilated	Yes
Waste Container Storage	Yes
Water Resistant	Yes
Weather Resistant	Yes
Wheelbarrow Storage	Yes

Certifications

CA Residents: Prop 65 Warning(s)	⚠ Prop 65 Warning(S)

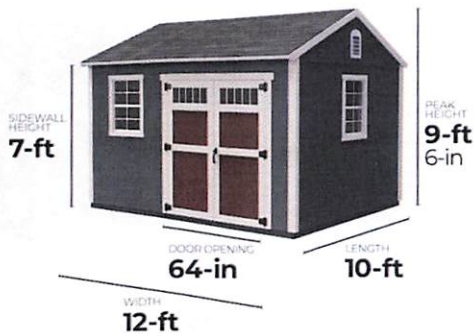
Warranty

Warranty	10-year limited

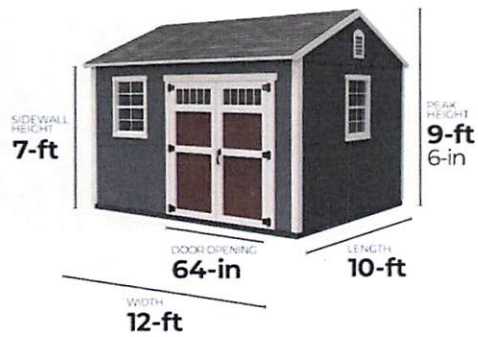
Heartland Lancaster 12-ft x 10-ft Gable Style Wood Outdoor Storage Shed with 2 Windows 1 Doors (Floor Included) **$2,969.10**

Shop Heartland ★★★★★ 4.6 ⌄ 57

120 SQ. FT. OF SPACE



120 SQ. FT. OF SPACE



742 S Lahoma

Close up of shed's metal window

CITY OF NORMAN, OK

STAFF REPORT

MEETING DATE: October 6, 2025

REQUESTER: Scissortail Roofing and Construction on behalf of Michael Powers

PRESENTER: Anais Starr, Planner II/Historic Preservation Officer

ITEM TITLE: (HD 25-29) CONSIDERATION OF APPROVAL, REJECTION, AMENDMENT, AND/OR POSTPONEMENT OF THE CERTIFICATE OF APPROPRIATENESS FOR THE PROPERTY LOCATED AT 630 OKMULGEE STREET FOR THE FOLLOWING MODIFICATIONS: A) REPLACEMENT OF EXTERIOR METAL SIDING WITH HARDIE LAP SIDING; B) REPLACEMENT OF OVERHEAD GARAGE DOOR.

Background

Historical Information

2015 Southridge Historic District Nomination Survey Information:

630 Okmulgee Street. *Ca. 1939. Modern Movement Minimal Tradition. This noncontributing two-story, distressed brick, single dwelling has a moderate pitched, asphalt covered, cross gabled roof. The vinyl windows are a combination of one-over-one and six-over-six hung. The partial porch is inset under the main roof. The brick, interior, ridge chimney is centrally located. The double-car garage now has double wood swinging doors. Decorative details include wood shutters and minimal eave overhang. This structure is noncontributing to the Southridge Historic District due to a lack of historic integrity. Since 2001, the brick has been distressed, and garage doors have been replaced. The craftsman-style garage doors dramatically changed the appearance of the house.*

Staff note: The statement above regarding the garage having swinging doors at the time of the Historic Survey in 2015 is inaccurate. The existing door is a metal/composite overhead garage door.

Sanborn Insurance Map Information

The Sanborn Insurance Maps do not include this portion of the Southridge Historic District.

Previous Actions

There have been no Certificate of Appropriateness requests for this property.

OVERALL PROJECT DESCRIPTION

The applicant proposes several alterations to the property, including the replacement of the existing metal siding with Hardie siding, the replacement of the existing overhead garage door with an identical one, the replacement of the roof, and the replacement of the gutters.

The replacement of the roof and the gutters do not require review by the Historic District Commission, and these maintenance repairs may proceed without the issuance of a COA.

REQUEST

A) Replacement of exterior metal siding with Hardie lap siding.

Project Description:

The metal siding on the principal structure has suffered hail damage over the last several years. Since metal siding is not readily available material in the marketplace, the applicant is proposing to replace it with smooth Hardie lap siding. The original wood siding underneath is to remain.

Reference:

Historic District Ordinance

36-535.a.2.g: *To safeguard the heritage of the City by preserving and regulating historic district structures in such a way that maintains or restores their historic integrity while allowing modern-day uses and conveniences for their residents.*

36.535.c.3: Reviewing non-contributing structures*. Non-contributing structures should be controlled only to the degree necessary to make them compatible with the general atmosphere of any district with regard to exterior alteration, additions, signs, site work, and related activities.*

Preservation Guidelines

3.2 Guidelines for Exterior Walls

A review by the Historic District Commission will use the following criteria for the issuance of a Certificate of Appropriateness (COA):

.1 Preserve Original Walls*. Retain and preserve exterior walls that contribute to the overall historic form and character of a building, including functional and decorative features and details.*

.2 Retain Original Building Materials*. Retain and preserve exterior wall materials that contribute to the overall historic character of a building.*

.3 Replace Only Deteriorated Portions*. If replacement of a deteriorated wall or feature is necessary, replace only the deteriorated portion in-kind rather than the entire feature. Match the original in material, design, dimension, detail, texture, and pattern. Compatible substitute materials can be considered if in-kind replacement materials are not available or feasible.*

.4 Avoid Covering Original Materials*. Building materials and decorative elements are important character-defining components of historic buildings. It is not appropriate to remove or cover any wall material or detail with coatings or contemporary substitute materials. Vinyl and aluminum siding is not appropriate for use in historic districts.*

.5 Replace Missing Features*. When replacing an exterior wall or feature, replace it with a new wall or feature based on accurate documentation of the original or a new design that is compatible with the historic character of the building and the district. Compatible substitute materials can be considered if in-kind replacement material are not available or feasible.*

.6 Avoid False Historical Appearances*. Features or details of walls and fences that are introduced to a property shall reflect its style, period, and design. Fences and walls features shall not create a false historical appearance by reflecting other time periods, styles, or geographic regions of the country.*

***.7 Substitute Materials**. Cement fiberboard (e.g. Hardiplank® siding) will be considered on a case-by-case basis. Exterior insulating and finish systems (EIFS) will not be considered for use in historic structures.*

Considerations/Issues:
This structure is noncontributing to the Southridge Historic District. The *Preservation Guidelines* require alterations to noncontributing structures to be compatible with the surrounding district. The *Guidelines* also allow for the repair of non-original materials. In this case, the non-original metal siding is not readily available and since metal siding is not a historic material, it seems reasonable to allow the property owner to replace it with a durable alternative material that emulates the look of wood siding. The replacement of one type of alternative siding with another type of alternative siding will not further impact this noncontributing structure. Staff would note that the Hardie lap siding could be removed in the future and the underlying wood siding repaired and repainted.

The Commission will need to determine if this request meets the *Preservation Guidelines* and if it is compatible with the surrounding Southridge District.

Commission Action:
(HD 25-29) Consideration of approval, rejection, amendment, and/or postponement of a Certificate of Appropriateness request for the property located at 630 Okmulgee Street for the replacement of the metal siding with Hardie lap siding.

REQUEST

B) Replacement of overhead garage door.
***Project Description**:*
The existing metal with composite overlay garage door has been damaged by several hailstorms in recent years. The applicant proposes to replace the overhead garage door with a door of the same design and materials. Since this garage door faces the street, it requires review by the Historic District Commission.

Reference:
Historic District Ordinance
***36-535.a.2.g: Purpose.** To safeguard the heritage of the City by preserving and regulating historic district structures in such a way that maintains or restores their historic integrity while allowing modern-day uses and conveniences for their residents.*

***36.535.c.3: Reviewing non-contributing structures.** Non-contributing structures should be controlled only to the degree necessary to make them compatible with the general atmosphere of any district with regard to exterior alteration, additions, signs, site work, and related activities.*

Preservation Guidelines
2.4 Guidelines for Garages
A review by the Historic District Commission will use the following criteria for the issuance of a Certificate of Appropriateness (COA):
***.11 Replacement Garage Doors.** Retain and preserve wood overhead garage doors on historic garages. Retain double doors if possible. Replacement overhead garage doors with*

the appearance of double doors will be considered on a case-by-case basis. For historic garages and garages that face the front or are visible from the right-of-way, the following replacement door is allowed:
a. Wood is preferred. However, wood composite or metal with composite trim can be considered on a case-by-case basis. Vinyl is prohibited.
b. The original size, height, and width of doors must be maintained.
c. Designs must match the style of the original historic garage door.

Considerations/Issues:
This structure is noncontributing to the Southridge Historic District. The *Guidelines* permit the Commission to consider wood or metal doors with composite trim for a front-facing garage door that has visibility from the right-of-way. Since this is a non-historic structure, and the applicant proposes to match the existing door in design and materials, it is reasonable to allow the requested replacement.

The Commission would need to determine whether the replacement of the existing metal and composite overlay garage door with the same type of door meets the *Preservation Guidelines* and is compatible with the principal structure and the Southridge Historic District.

Commission Action:
(HD 25-29) Consideration of approval, rejection, amendment, and/or postponement of a Certificate of Appropriateness request for the property located at 630 Okmulgee Street for the following modification*:* B) replacement of overhead garage door.

The City of Norman Historic District Commission

APPLICATION FOR CERTIFICATE OF APPROPRIATENESS (COA)

Staff Only Use:	
HD Case #	
Date	
Received by:	

Note: *Any relevant building permits must be applied for and paid for separately in the Planning and Community Development Office 405-366-5311.*

Address of Proposed Work:	

Applicant's Contact Information:

	Applicant's Name: ScissorTail Roofing and Construction
	Applicant's Phone Number(s): [redacted]
	Applicant's E-mail address: [redacted]
	Applicant's Address: 300 W Main St
	Applicant's relationship to owner: ☑ Contractor ☐ Engineer ☐ Architect

Owner's Contact Information: (if different than applicant)

	Owner's Name: Michael Powers
	Owner's Phone Number(s): [redacted]
	Owner's E-mail: [redacted]

Project(s) proposed: (List each item of work proposed. Work not listed here cannot be reviewed.)

1) Repair to existing roof (remove and replace shingles with same product)

2) Remove hail damaged siding from all faces of the home and replace with smooth Hardie siding

3) Replace hail damaged gutters

4) Replace hail damaged garage door with same product

Supporting documents such as project descriptions, drawings and pictures are required see checklist page for requirements.

Authorization:

I hereby certify that all statements contained within this application, attached documents and transmitted exhibits are true to the best of my knowledge and belief. In the event this proposal is approved and begun, I agree to complete the changes in accordance with the approved plans and to follow all City of Norman regulations for such construction. I authorize the City of Norman to enter the property for the purpose of observing and photographing the project for the presentations and to ensure consistency between the approved proposal and the completed project. I understand that no changes to approved plans are permitted without prior approval from the Historic Preservation Commission or Historic Preservation Officer

Property Owner's Signature: [signature] **Date:** 8/27/25

☐ (If applicable): I authorize my representative to speak in matters regarding this application. Any agreement made by my representative regarding this proposal will be binding upon me.

Authorized Representative's Printed Name: Matt Seaton

Authorized Representative's Signature: [signature] **Date:** 8/27/25

ScissorTail Roofing and Construction
300 West Main St
Norman, OK 73069
405-928-8089
ScissorTailRoofing.com
Oklahoma License #80002282
Commercially Endorsed

OKLAHOMA Construction Industries Board
Registration #80002282

EXISTING CONDITION REPORT PREPARED FOR:

AUG 26, 2025

MICHAEL POWERS

630 Okmulgee St
Norman, OK
73071

matt.seaton@scissortailroofing.com
4052516490

SCISSORTAIL
Roofing and Construction

About Us

ScissorTail Roofing & Construction is a family-owned, local business with offices in Norman and Edmond, serving all of Central Oklahoma and beyond. We provide both residential and commercial services. As one of the few commercially endorsed roofing companies in the metro, we continue to increase our commercial services including TPO, metal roof restoration, and acrylic coatings. ScissorTail is also a full service construction company offering both residential and construction remodel servicesand commercial build outs.

Residential Roofing

From new roof installations to comprehensive roof repairs or replacements, our expert team is dedicated to protecting your home with durable and aesthetically pleasing products. Trust us to enhance the safety and curb appeal of your home.

Commercial Roofing

We offer reliable commercial roofing services tailored to meet the specific needs of business. Whether you require installation, maintenance, or repair, our skilled professionals ensure your commercial property is safeguarded against the elements. We use high-quality materials and advanced techniques to deliver long-lasting roofing solutions that support your business operations.

Hail and Storm Restoration

When severe weather strikes, we are here to help with our hail and storm restoration services. We provide prompt and thorough assessments of storm damage and work quickly to restore your roof to its original condition. Our team is experienced in dealing with insurance claims, making the restoration process as smooth and stress-free as possible for you.

Remodeling

We bring your vision to life! From kitchen and bathroom renovations to full home makeovers, our expert team handles every aspect of your project with precision and care. We focus on delivering high-quality results that reflect your style and enhance the functionality of your space.

INSPECTION REPORT SUMMARY

To Whom It May Concern,

The following pages contain photos of existing materials present on the home.

If you have any questions, please give me a call.

Kind regards,

Matt Seaton
matt.seaton@scissortailroofing.com
(405) 928-8089

INSPECTION

Front elevation - garage gable

Front, right elevation

Front elevation

Front elevation with dormers

Dormer details

Dormer details

Entryway and front dormer

Garage door

Front gable

Front, left elevation

Left elevation

Left elevation

Back elevation

Back elevation

Back elevation

Back elevation

Back elevation

Back elevation

Back elevation

Back elevation

Back elevation

Back elevation

Back, right elevation

Back, right elevation

Back, right elevation

Existing metal siding dimensions

Underlying shiplap siding (will leave and install over)

Underlying shiplap siding (will leave and install over)

insite.™
Building design. Streamlined.

JamesHardie™

Hardie® Plank Lap Siding

Submittal Form **01**

Submitted to: .....

Project Name: .....

Submitted by: .....

Date: .....

☐ HZ5® Product Zone ☒ HZ10® Product Zone

Product Width: ☐ 5-1/4in ☐ 6-1/4in ☐ 7-1/4in ☒ 8in ☐ 8-1/4in ☐ 9-1/4in ☐ 12in

Product Finish: ☒ Primed ☐ ColorPlus® Technology

Product Texture: ☒ Smooth ☐ Select Cedarmill® ☐ Colonial Roughsawn® ☐ Colonial Smooth® ☐ Rustic Cedar

Hardie® Plank Lap Siding

Specification Sheet **01**

DIVISION: 07 00 00 THERMAL AND MOISTURE PROTECTION | SECTION: 07 46 46 FIBER CEMENT SIDING

HARDIE® PLANK LAP SIDING

Manufacturer

James Hardie Building Products, Inc.

The products are manufactured at the following locations, with quality control inspections by ICC-ES:

- Cleburne, Texas
- Plant City, Florida
- Reno, Nevada
- Waxahachie, Texas
- Prattville, Alabama
- Peru, Illinois
- Pulaski, Virginia
- Tacoma, Washington
- Fontana, California
- Summerville, South Carolina

Compliance with the following codes

- 2006 thru 2021 International Building Code (IBC)
- 2006 thru 2021 International Residential Code (IRC)

For more information about other compliances and applicable uses, refer to ICC-ES ESR-2290

Features

- Noncombustible
- Dimensionally Stable
- Resists damage from pests
- Weather Resistant-Engineered for Climate®
- Impact resistant
- Sustainable

Use

Hardie® fiber-cement lap siding is used as exterior wall covering.
The product complies with IBC Section 1403.9 and IRC Section R703.10.
The product may be used on exterior walls of buildings of Type I, II, III and IV construction (IBC)

Description

Hardie® Plank lap siding is a single-faced, cellulose fiber-reinforced cement (fiber-cement) product. Hardie® Plank lap siding complies with ASTM C1186, as Grade II, Type A; has a flame-spread index of 0 and a smoke-developed index of 5 when tested in accordance with ASTM E84; and is classified as noncombustible when tested in accordance with ASTM E136.

Available Sizes

Product	Width (in)	Length	Thickness (in)
Hardie® Plank lap siding*	5-1/4, 6-1/4, 7-1/4, 8, 8-1/4, 9-1/4, 12	12 feet	5/16

** HZ5: 9-1/4, 12 only available primed HZ10: 5-1/4, 9-1/4, 12 only available primed.*

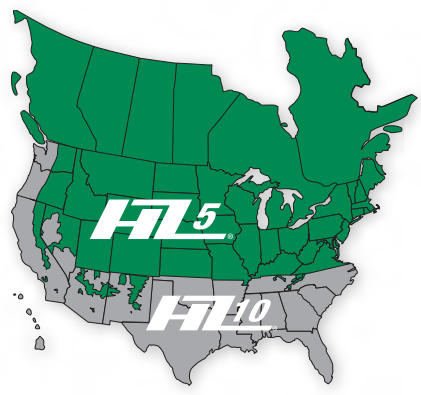
Weight2.31 lbs. per square foot

Texture & Finish

Hardie® Plank lap siding comes in a variety of textures and finishes. The product is available in smooth or wood grain texture. Additional textures are available on a regional basis. Finish options are primed for field paint, or factory finished with ColorPlus® Technology. Color availability varies by region.

Engineered for Climate®

Hardie® Plank lap siding is engineered for performance to specific weather conditions by climate zones as identified by the following map.



Performance Properties

	General Property	Test Method	Unit or Characteristic	Requirement	Result
PHYSICAL ATTRIBUTES	Dimensional Tolerances	ASTM C1185	Length	± 0.5% or ± 1/4 in	Pass
			Width	± 0.5% or ± 1/4 in	
			Thickness	± 0.04 in	
			Squareness	Δ in diagonals ≤ 1/32 in/ft of sheet length. Opposite sheet sides shall not vary in length by more than 1/32 in/ft	
			Edge Straightness	≤ 1/32 in/ft of length	
	Density, lb/ft^3	ASTM C1185		As reported	83
	Water Absorption, % by mass	ASTM C1185		As reported	36
	Water Tightness	ASTM C1185	Physical Observations	No drop formation	Pass
	Flexural Strength	ASTM C1185	Wet conditioned, psi	>1015 psi	Pass
			Equilibrium conditioned, psi	>1450 psi	
THERMAL	Thermal Conductivity	ASTM C177	(BTU/(hr·ft°F))/inch	As reported	2.07
	Actual Thermal Conductivity		(K_{eff})		6.62
	Thermal Resistance		R=1/ K_{eff}		0.48
	Actual Thermal Resistance		(R)		0.15
DURABILITY	Warm Water Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
	Heat/Rain Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
	Freeze/Thaw Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
			Mass Loss, %	≤ 3.0%	
			Freeze/Thaw, % strength retention	≥ 80%	
	UV Accelerated Weathering Test	ASTM G23	Physical Observations	No cracking, checking, or crazing	Pass
FIRE CHARACTERISTICS	Surface Burning Characteristics	ASTM E84	Flame Spread Index (FSI)		0
			Smoke Developed Index (SDI)		≤ 5
			Fuel Contributed		0
			NFPA Class		A
			Uniform Building Code Class	As reported	1
			International Building Code® class		A
	Noncombustibility	ASTM E136	Noncombustible	Pass/fail	Pass
	Fire Resistance Rated Construction	ASTM E119	Fire Resistance Rating	1-hour	Note 1

Note 1: listed on Warnock Hersey and ESR 2290

Installation

Install Hardie® Plank lap siding in accordance with:

- Hardie® Plank lap siding installation instructions
- ICC-ES ESR 2290
- Requirements of authorities having jursidiction

Warranty

Hardie® Plank lap siding: 30-year, Non-Prorated, Limited Warranty
ColorPlus® Technology: 15-year Limited Finish Warranty

Sustainable Design Contribution

- Regionally sourced content- varies by project location
- Avoidance of certain chemicals or Red List Compliance

Detailed product information for LEED projects, or other state or regional sustainability programs is available through James Hardie Technical Services.

Storage and Handling

Store flat and keep dry and covered prior to installation.

Technical Services

Contact James Hardie Technical Services online at JamesHardie.com, or by phone at (800)426-4051

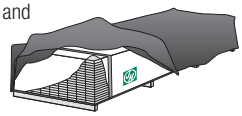
HardiePlank® Lap Siding

EFFECTIVE DECEMBER 2019

IMPORTANT: FAILURE TO FOLLOW JAMES HARDIE WRITTEN INSTALLATION INSTRUCTIONS AND COMPLY WITH APPLICABLE BUILDING CODES MAY VIOLATE LOCAL LAWS, AFFECT BUILDING ENVELOPE PERFORMANCE AND MAY AFFECT WARRANTY COVERAGE. FAILURE TO COMPLY WITH ALL HEALTH AND SAFETY REGULATIONS WHEN CUTTING AND INSTALLING THIS PRODUCT MAY RESULT IN PERSONAL INJURY. BEFORE INSTALLATION, CONFIRM YOU ARE USING THE CORRECT HARDIEZONE® PRODUCT INSTRUCTIONS BY VISITING HARDIEZONE.COM OR CALL 1-866-942-7343 (866-9-HARDIE)

STORAGE & HANDLING:

Store flat and keep dry and covered prior to installation. Installing siding wet or saturated may result in shrinkage at butt joints. Carry planks on edge. Protect edges and corners from breakage. James Hardie is not responsible for damage caused by improper storage and handling of the product.



⚠ CUTTING INSTRUCTIONS

OUTDOORS

1. Position cutting station so that airflow blows dust away from the user and others near the cutting area.
2. Cut using one of the following methods:
   - a. Best: Circular saw equipped with a HardieBlade® saw blade and attached vacuum dust collection system. Shears (manual, pneumatic or electric) may also be used, not recommended for products thicker than 7/16 in.
   - b. Better: Circular saw equipped with a dust collection feature (e.g. Roan® saw) and a HardieBlade saw blade.
   - c. Good: Circular saw equipped with a HardieBlade saw blade.

INDOORS

DO NOT grind or cut with a power saw indoors. Cut using shears (manual, pneumatic or electric) or the score and snap method, not recommended for products thicker than 7/16 in.

- DO NOT dry sweep dust; use wet dust suppression or vacuum to collect dust.
- For maximum dust reduction, James Hardie recommends using the "Best" cutting practices. Always follow the equipment manufacturer's instructions for proper operation.
- For best performance when cutting with a circular saw, James Hardie recommends using HardieBlade® saw blades.
- Go to jameshardiepros.com for additional cutting and dust control recommendations.

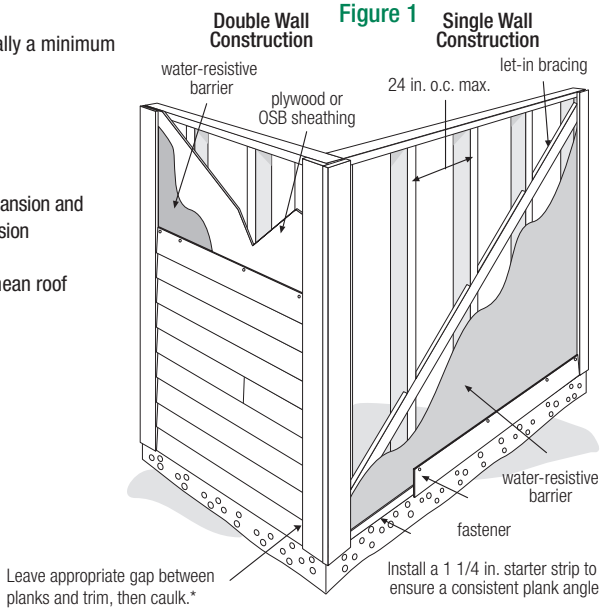
IMPORTANT: The Occupational Safety and Health Administration (OSHA) regulates workplace exposure to silica dust. For construction sites, OSHA has deemed that cutting fiber cement with a circular saw having a blade diameter less than 8 inches and connected to a commercially available dust collection system per manufacturer's instructions results in exposures below the OSHA Permissible Exposure Limit (PEL) for respirable crystalline silica, without the need for additional respiratory protection.

If you are unsure about how to comply with OSHA silica dust regulations, consult a qualified industrial hygienist or safety professional, or contact your James Hardie technical sales representative for assistance. James Hardie makes no representation or warranty that adopting a particular cutting practice will assure your compliance with OSHA rules or other applicable laws and safety requirements.

GENERAL REQUIREMENTS:

- HardiePlank® lap siding can be installed over braced wood or steel studs, 20 gauge (33 mils) minimum to 16 gauge (54 mils) maximum, spaced a maximum of 24 in o.c. or directly to minimum 7/16 in thick OSB sheathing. See General Fastening Requirements. Irregularities in framing and sheathing can mirror through the finished application. Correct irregularities before installing siding.
- Information on installing James Hardie products over non-nailable substrates (ex: gypsum, foam,etc.) can be located in JH Tech Bulletin 19 at www.jamehardie.com
- A water-resistive barrier is required in accordance with local building code requirements. The water-resistive barrier must be appropriately installed with penetration and junction flashing in accordance with local building code requirements. James Hardie will assume no responsibility for water infiltration. James Hardie does manufacture HardieWrap® Weather Barrier, a non-woven non-perforated housewrap[1], which complies with building code requirements.
- When installing James Hardie products all clearance details in figs. 3-14 must be followed.
- Adjacent finished grade must slope away from the building in accordance with local building codes - typically a minimum of 6 in. in the first 10 ft..
- Do not use HardiePlank lap siding in Fascia or Trim applications.
- Do not install James Hardie products, such that they may remain in contact with standing water.
- HardiePlank lap siding may be installed on flat vertical wall applications only.
- For larger projects, including commercial and multi-family projects, where the span of the wall is significant in length, the designer and/or architect should take into consideration the coefficient of thermal expansion and moisture movement of the product in their design. These values can be found in the Technical Bulletin "Expansion Characteristics of James Hardie® Siding Products" at www.jameshardie.com.
- James Hardie Building Products provides installation/wind load information for buildings with a maximum mean roof height of 85 feet. For information on installations above 60 feet, please contact JH technical support.

Figure 1



INSTALLATION: JOINT TREATMENT

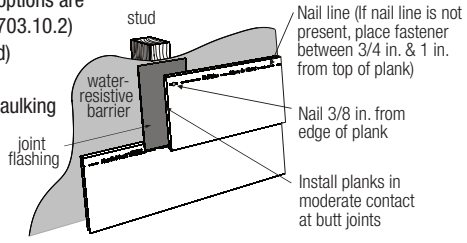
One or more of the following joint treatment options are required by code (as referenced 2009 IRC R703.10.2)

A. Joint Flashing (James Hardie recommended)

B. Caulking* (Caulking is not recommended for ColorPlus for aesthetic reasons as the Caulking and ColorPlus will weather differently. For the same reason, do not caulk nail heads on ColorPlus products.)

C. "H" jointer cover

Figure 2



Note: Field painting over caulking may produce a sheen difference when compared to the field painted PrimePlus. *Refer to Caulking section in these instructions.

[1]For additional information on HardieWrap® Weather Barrier, consult James Hardie at 1-866-4Hardie or www.hardiewrap.com

CLEARANCE AND FLASHING REQUIREMENTS

Figure 3
Roof to Wall

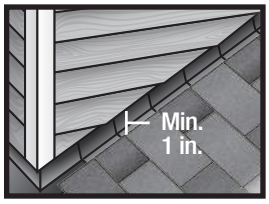


Figure 4
Horizontal Flashing

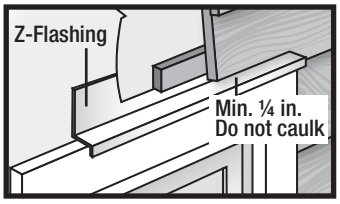


Figure 5
Kickout Flashing

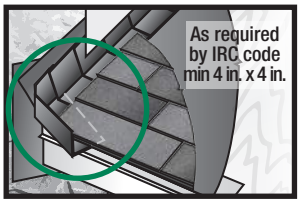


Figure 6
Slabs, Path, Steps to Siding

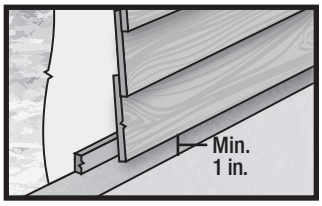


Figure 7
Deck to Wall

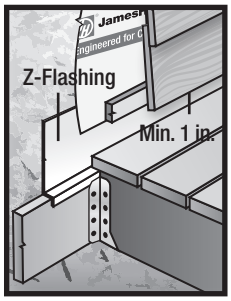


Figure 8
Ground to Siding

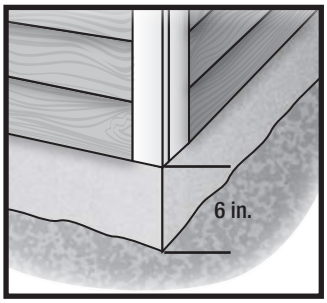


Figure 9
Gutter to Siding

Figure 10
Sheltered Areas

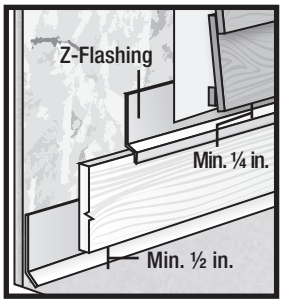


Figure 11
Mortar/Masonry

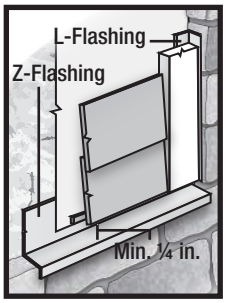


Figure 12
Drip Edge

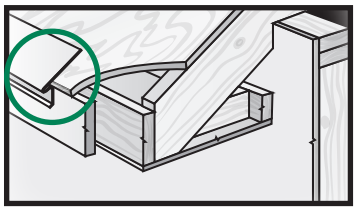


Figure 13
Block Penetration
(Recommended in HZ10)

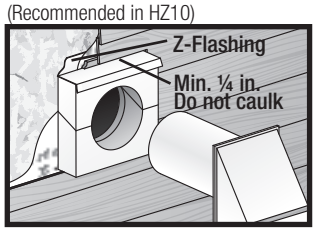
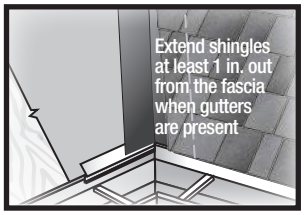


Figure 14
Valley/Shingle Extension



FASTENER REQUIREMENTS*

Refer to the applicable ESR report online to determine which fastener meets your wind load design criteria.

Blind Nailing is the preferred method of installation for HardiePlank® lap siding products. Face nailing should only be used where required by code for high wind areas and must not be used in conjunction with Blind nailing (Please see JH Tech bulletin 17 for exemption when doing a repair).

BLIND NAILING

Nails - Wood Framing
- Siding nail (0.09 in. shank x 0.221 in. HD x 2 in. long)
- 11ga. roofing nail (0.121 in. shank x 0.371 in. HD x 1.25 in. long)

Screws - Steel Framing
- Ribbed Wafer-head or equivalent (No. 8 x 1 1/4 in. long x 0.375 in. HD) Screws must penetrate 3 threads into metal framing.

Nails - Steel Framing
- ET & F Panelfast® nails or equivalent (0.10 in. shank x 0.313 in. HD x 1-1/2 in. long) Nails must penetrate minimum 1/4 in. into metal framing.

OSB minimum 7/16 in.
- Siding nail (0.09 in. shank x 0.215 in. HD x 1-1/2 in. long
- Ribbed Wafer-head or equivalent (No. 8 x 1 5/8 in. long x 0.375 in. HD).

FACE NAILING

Nails - Wood Framing
- 6d (0.113 in. shank x 0.267 in. HD x 2 in. long)
- Siding nail (0.09" shank x 0.221" HD x 2" long)

Screws - Steel Framing
- Ribbed Bugle-head or equivalent (No. 8-18 x 1-5/8 in. long x 0.323 in. HD) Screws must penetrate 3 threads into metal framing.

Nails - Steel Framing
- ET & F pin or equivalent (0.10 in. shank x 0.25 in. HD x 1-1/2 in. long) Nails must penetrate minimum 1/4 in. into metal framing.

OSB minimum 7/16 in.
- Siding nail (0.09 in. shank x 0.221 in. HD x 1-1/2 in. long)

*Also see General Fastening Requirements; and when considering alternative fastening options refer to James Hardie's Technical Bulletin USTB 5 - Fastening Tips for HardiePlank Lap Siding.

FASTENER REQUIREMENTS continued

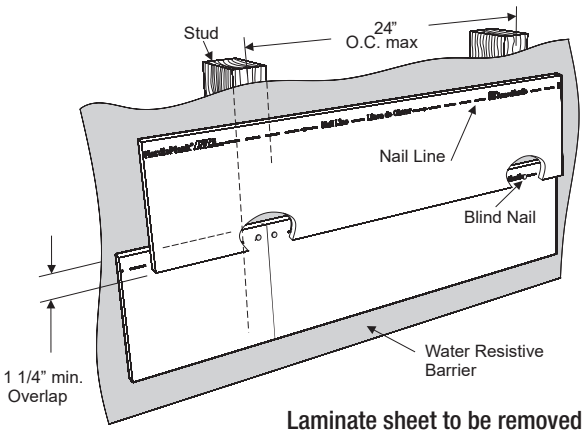


Figure 15

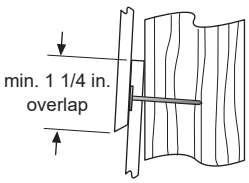
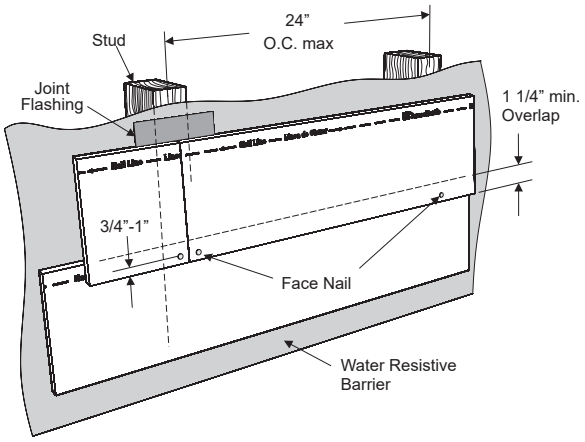


Figure 16



Laminate sheet to be removed immediately after installation of each course for ColorPlus® products.

Pin-backed corners may be done for aesthetic purposes only. Finish nails are recommended for pin-backs. Headed siding nails are allowed. Place pin-backs no closer than 1 in. from plank ends and 3/4 in. from plank edge into min. 3/8 in. wood structural panel. Pin-backs are not a substitute for blind or face nailing.

GENERAL FASTENING REQUIREMENTS

Fasteners must be corrosion resistant, galvanized, or stainless steel. Electro-galvanized are acceptable but may exhibit premature corrosion. James Hardie recommends the use of quality, hot-dipped galvanized nails. James Hardie is not responsible for the corrosion resistance of fasteners. Stainless steel fasteners are recommended when installing James Hardie® products near the ocean, large bodies of water, or in very humid climates.

Manufacturers of ACQ and CA preservative-treated wood recommend spacer materials or other physical barriers to prevent direct contact of ACQ or CA preservative-treated wood and aluminum products. Fasteners used to attach HardieTrim Tabs to preservative-treated wood shall be of hot dipped zinc-coated galvanized steel or stainless steel and in accordance to 2009 IRC R317.3 or 2009 IBC 2304.9.5

- Consult applicable product evaluation or listing for correct fasteners type and placement to achieve specified design wind loads.
- NOTE: Published wind loads may not be applicable to all areas where Local Building Codes have specific jurisdiction. Consult James Hardie Technical Services if you are unsure of applicable compliance documentation.
- Drive fasteners perpendicular to siding and framing.
- Fastener heads should fit snug against siding (no air space).
- NOTE: Whenever a structural member is present, HardiePlank should be fastened with even spacing to the structural member. The tables allowing direct to OSB or plywood should only be used when traditional framing is not available.

CUT EDGE TREATMENT

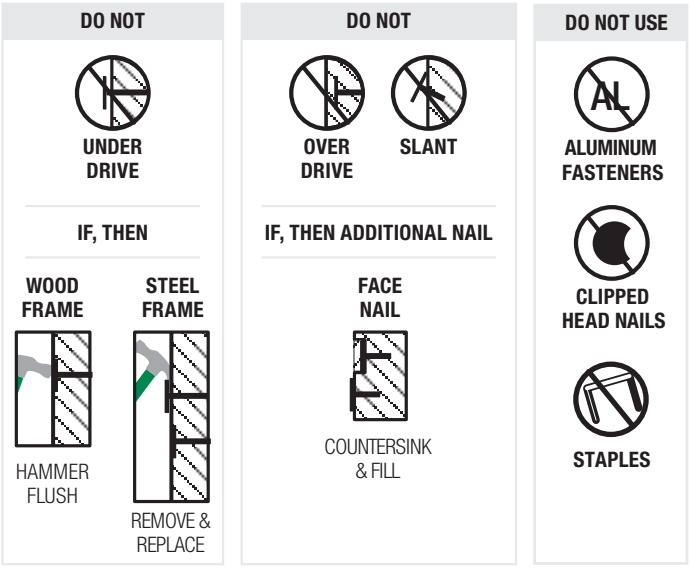
Caulk, paint or prime all field cut edges. James Hardie touch-up kits are required to touch-up ColorPlus products.

CAULKING

For best results use an Elastomeric Joint Sealant complying with ASTM C920 Grade NS, Class 25 or higher or a Latex Joint Sealant complying with ASTM C834. Caulking/Sealant must be applied in accordance with the caulking/sealant manufacturer's written instructions. **Note: some caulking manufacturers do not allow "tooling".**

PNEUMATIC FASTENING

James Hardie products can be hand nailed or fastened with a pneumatic tool. Pneumatic fastening is highly recommended. Set air pressure so that the fastener is driven snug with the surface of the siding. A flush mount attachment on the pneumatic tool is recommended. This will help control the depth the nail is driven. If setting the nail depth proves difficult, choose a setting that under drives the nail. (Drive under driven nails snug with a smooth faced hammer - Does not apply for installation to steel framing).



PAINTING

DO NOT use stain, oil/alkyd base paint, or powder coating on James Hardie® Products. Factory-primed James Hardie products must be painted within 180 days of installation. 100% acrylic topcoats are recommended. Do not paint when wet. For application rates refer to paint manufacturers specifications. Back-rolling is recommended if the siding is sprayed.

COLORPLUS® TECHNOLOGY CAULKING, TOUCH-UP & LAMINATE

- Care should be taken when handling and cutting James Hardie® ColorPlus® products. During installation use a wet soft cloth or soft brush to gently wipe off any residue or construction dust left on the product, then rinse with a garden hose.
- Touch up nicks, scrapes and nail heads using the ColorPlus® Technology touch-up applicator. Touch-up should be used sparingly. If large areas require touch-up, replace the damaged area with new HardiePlank® lap siding with ColorPlus® Technology.
- Laminate sheet must be removed immediately after installation of each course.
- Terminate non-factory cut edges into trim where possible, and caulk. Color matched caulks are available from your ColorPlus® product dealer.
- Treat all other non-factory cut edges using the ColorPlus Technology edge coaters, available from your ColorPlus product dealer.

Note: James Hardie does not warrant the usage of third party touch-up or paints used as touch-up on James Hardie ColorPlus products.

Problems with appearance or performance arising from use of third party touch-up paints or paints used as touch-up that are not James Hardie touch-up will not be covered under the James Hardie ColorPlus Limited Finish Warranty.

PAINTING JAMES HARDIE® SIDING AND TRIM PRODUCTS WITH COLORPLUS® TECHNOLOGY

When repainting ColorPlus products, James Hardie recommends the following regarding surface preparation and topcoat application:

- Ensure the surface is clean, dry, and free of any dust, dirt, or mildew
- Repriming is normally not necessary
- 100% acrylic topcoats are recommended
- DO NOT use stain, oil/alkyd base paint, or powder coating on James Hardie® Products.
- Apply finish coat in accordance with paint manufacturers written instructions regarding coverage, application methods, and application temperature
- DO NOT caulk nail heads when using ColorPlus products, refer to the ColorPlus touch-up section

COVERAGE CHART/ESTIMATING GUIDE

Number of 12 ft. planks, does not include waste

COVERAGE AREA LESS OPENINGS SQ (1 SQ = 100 sq.ft.)	HARDIEPLANK® LAP SIDING WIDTH (exposure)								
	5 1/4 4	6 1/4 5	7 1/4 6	7 1/2 6 1/4	8 6 3/4	8 1/4 7	9 1/4 8	9 1/2 8 1/4	12 10 3/4
1	25	20	17	16	15	14	13	13	9
2	50	40	33	32	30	29	25	25	19
3	75	60	50	48	44	43	38	38	28
4	100	80	67	64	59	57	50	50	37
5	125	100	83	80	74	71	63	63	47
6	150	120	100	96	89	86	75	75	56
7	175	140	117	112	104	100	88	88	65
8	200	160	133	128	119	114	100	100	74
9	225	180	150	144	133	129	113	113	84
10	250	200	167	160	148	143	125	125	93
11	275	220	183	176	163	157	138	138	102
12	300	240	200	192	178	171	150	150	112
13	325	260	217	208	193	186	163	163	121
14	350	280	233	224	207	200	175	175	130
15	375	300	250	240	222	214	188	188	140
16	400	320	267	256	237	229	200	200	149
17	425	340	283	272	252	243	213	213	158
18	450	360	300	288	267	257	225	225	167
19	475	380	317	304	281	271	238	238	177
20	500	400	333	320	296	286	250	250	186

This coverage chart is meant as a guide. Actual usage is subject to variables such as building design. James Hardie does not assume responsibility for over or under ordering of product.

HS11119 P4/4 12/19

SILICA WARNING

DANGER: May cause cancer if dust from product is inhaled. Causes damage to lungs and respiratory system through prolonged or repeated inhalation of dust from product. Refer to the current product Safety Data Sheet before use. The hazard associated with fiber cement arises from crystalline silica present in the dust generated by activities such as cutting, machining, drilling, routing, sawing, crushing, or otherwise abrading fiber cement, and when cleaning up, disposing of or moving the dust. When doing any of these activities in a manner that generates dust you must (1) comply with the OSHA standard for silica dust and/or other applicable law, (2) follow James Hardie cutting instructions to reduce or limit the release of dust; (3) warn others in the area to avoid breathing the dust; (4) when using mechanical saw or high speed cutting tools, work outdoors and use dust collection equipment; and (5) if no other dust controls are available, wear a dust mask or respirator that meets NIOSH requirements (e.g. N-95 dust mask). During clean-up, use a well maintained vacuum and filter appropriate for capturing fine (respirable) dust or use wet clean-up methods - never dry sweep.

WARNING: This product can expose you to chemicals including respirable crystalline silica, which is known to the State of California to cause cancer. For more information go to P65Warnings.ca.gov.

RECOGNITION: I In accordance with ICC-ES Evaluation Report ESR-2290, HardiePlank® lap siding is recognized as a suitable alternate to that specified in the 2006, 2009, 2012 & 2015 International Residential Code for One and Two-Family Dwellings, and the 2006, 2009, 2012 & 2015 International Building Code. HardiePlank lap siding is also recognized for application in the following: City of Los Angeles Research Report No. 24862, State of Florida Product Approval FL#13192, Miami-Dade County Florida NOA No. 17-0406.06, U.S. Dept. of HUD Materials Release 1263f, Texas Department of Insurance Product Evaluation EC-23, City of New York MEA 223-93-M, and California DSA PA-019. These documents should also be consulted for additional information concerning the suitability of this product for specific applications.

SCISSORTAIL Roofing and Construction
300 West Main St
Norman, OK 73069
405-928-8089
ScissorTailRoofing.com
Oklahoma License #80002282
Commercially Endorsed

OKLAHOMA Construction Industries Board
Registration #80002282

GARAGE DOOR REPAIR AGREEMENT

SEP 09, 2025

MICHAEL POWERS

630 Okmulgee St
Norman, OK
73071

matt.seaton@scissortailroofing.com
4052516490

SCISSORTAIL
Roofing and Construction

About Us

ScissorTail Roofing & Construction is a family-owned, local business with offices in Norman and Edmond, serving all of Central Oklahoma and beyond. We provide both residential and commercial services. As one of the few commercially endorsed roofing companies in the metro, we continue to increase our commercial services including TPO, metal roof restoration, and acrylic coatings. ScissorTail is also a full service construction company offering both residential and construction remodel servicesand commercial build outs.

Residential Roofing

From new roof installations to comprehensive roof repairs or replacements, our expert team is dedicated to protecting your home with durable and aesthetically pleasing products. Trust us to enhance the safety and curb appeal of your home.

Commercial Roofing

We offer reliable commercial roofing services tailored to meet the specific needs of business. Whether you require installation, maintenance, or repair, our skilled professionals ensure your commercial property is safeguarded against the elements. We use high-quality materials and advanced techniques to deliver long-lasting roofing solutions that support your business operations.

Hail and Storm Restoration

When severe weather strikes, we are here to help with our hail and storm restoration services. We provide prompt and thorough assessments of storm damage and work quickly to restore your roof to its original condition. Our team is experienced in dealing with insurance claims, making the restoration process as smooth and stress-free as possible for you.

Remodeling

We bring your vision to life! From kitchen and bathroom renovations to full home makeovers, our expert team handles every aspect of your project with precision and care. We focus on delivering high-quality results that reflect your style and enhance the functionality of your space.

GARAGE DOOR REPLACEMENT

Description

Garage Door
Standard Metal Panel Garage Door with vinyl insulation, composite overlay and decorative windows. Garage door to match existing door, being painted the same colors and with pre-existing hardware to be reattached.

Estimate subtotal	[redacted]
Total	

CITY OF NORMAN, OK

STAFF REPORT

MEETING DATE: October 6, 2025

REQUESTER: Stan Berry, Architect on behalf of Brock & Kenita Gibbins

PRESENTER: Anais Starr, Planner II/Historic Preservation Officer

ITEM TITLE: (HD 25-30) CONSIDERATION OF APPROVAL, REJECTION, AMENDMENT, AND/OR POSTPONEMENT OF THE CERTIFICATE OF APPROPRIATENESS REQUEST FOR THE PROPERTY LOCATED AT 502 MACY STREET FOR THE FOLLOWING MODIFICATIONS: A) DEMOLITION OF THE EXISTING GARAGE; B) DEMOLITION OF THE EXISTING STORM SHELTER; C) INSTALLATION OF A GARAGE WITH AN ATTACHED CABANA.

Background

Historical Information

***2015 Southridge Historic District* Nomination Survey Information:**

502 Macy Street. *Ca. 1940. Minimal Traditional. This contributing two-story, brick and vinyl sided; single dwelling has moderately pitched, asphalt covered, cross gabled roof and a brick foundation. The vinyl windows are six-over-six hung. The entry porch has concrete steps, brick walls, wrought iron railings and a flared shed roof supported by square Doric columns. The brick, exterior, gable wall chimney is on the east elevation. Decorative details include double windows, brick sills, decorative wood shutters, and minimal eave overhang.*

Sanborn Insurance Map Information

The 1944 Sanborn Insurance Map shows a portion of this lot. The map shows a garage in the current location of the existing garage, indicating it is the original garage structure for the lot.

Previous Actions

June 5, 2017 – A Certificate of Appropriateness (COA) was granted for the installation of a screened porch on the rear of the house.

OVERALL PROJECT DESCRIPTION

The applicant proposes several alterations to the property, including the demolition of the existing garage, the demolition of the underground storm shelter, the construction of a new garage, and the extension of the side yard fence. The garage demolition is requested due to the poor condition of the garage and will provide a more functional space for modern-day vehicles. The removal of the garage will also enable the property owner to address the drainage issue found along the existing driveway and garage. The proposed garage will have an attached cabana on the north side for backyard events.

The existing storm shelter is proposed to be replaced with a more modern underground storm shelter that can be accessed from inside the proposed garage.

The applicant proposes extending the existing six-foot wood side yard fence to the existing driveway to provide privacy for the rear yard. This request can be approved through the Administrative Bypass process and does not require Commission review. Additionally, the property owner intends to replace the existing concrete driveway without changes to its design or size. Driveway replacement is considered maintenance and is allowed without Commission review but does require a paving permit.

REQUEST

A) Demolition of the existing garage.

Project Description:

The existing 400-square-foot contributing garage is located adjacent to the alleyway. Access to the garage is provided by a driveway from Ponca Avenue that runs parallel along the alleyway. The original garage was constructed without a proper foundation and additionally has suffered water damage due to a drainage issue along the rear property line.

Reference – Historic District Ordinance

36-535.a.2.g: *To safeguard the heritage of the City by preserving and regulating historic district structures in such a way that maintains or restores their historic integrity while allowing modern-day uses and conveniences for their residents.*

Preservation Guidelines

A review by the Historic District Commission will use the following criteria for the issuance of a Certificate of Appropriateness (COA):

2.4 Guidelines for Garages

A review by the Historic District Commission will use the following criteria for the issuance of a Certificate of Appropriateness (COA):

.1 Preserve Historic Garage Structures. *Retain and preserve garages in their original locations and configurations. Even if the function changes, the exterior appearance shall remain the same.*

.4 Request for Garage Demolitions. *A request for demolition of a historic garage will utilize the following in determining the eligibility for demolition:*

a. An existing structure of architectural or historical significance shall be retained if repairs are reasonably possible.

b. An existing structure is dilapidated, leaning, lacking a solid foundation, or of substandard construction, it may be eligible for demolition

c. An existing structure is 240 square feet or less, it may be eligible for demolition.

d. An existing structure was built after the period of significance; it may be eligible for demolition.

e. The removal of existing historic structure will enable access to the rear yard, where no access currently exists; it may be eligible for demolition.

Considerations/Issues:

The *Guidelines for Garages* encourage the preservation and repair of significant historic contributing garages. This requirement was developed to preserve historic accessory structures that are a companion to a historic house. In this case, while this is the original garage, due to

the poor construction and drainage issues, the repair of the garage cannot be reasonably performed. The *Guidelines* have five criteria for the Commission to consider when determining if a contributing historic garage is eligible for demolition, as listed in the above *Guidelines for Demolition of Garages*. This structure meets criteria b of *Section 2.4.4, Request for Garage Demolitions*.

The Commission would need to determine if the demolition of the existing garage meets the *Guidelines* and whether it will impact the principal structure or the surrounding district.

Commission Action:
(HD 25-30) Consideration of approval, rejection, amendment, and/or postponement of a Certificate of Appropriateness request for the property located at 502 Macy Street for the demolition of the existing garage.

REQUEST

B) Demolition of the existing storm shelter.

Project Description:
The applicant proposes the removal of the existing underground storm shelter in the rear yard. A new underground storm shelter will be proposed as part of the new garage installation.

Reference:
Historic District Ordinance
36-535.a.2.g: *To safeguard the heritage of the City by preserving and regulating historic district structures in such a way that maintains or restores their historic integrity while allowing modern-day uses and conveniences for their residents.*

Preservation Guidelines
5.4 Guidelines for Demolition
.1 A Certificate of Appropriateness. *A Certificate of Appropriateness is required to be issued prior to demolition.*
.4 Site Plan Required. *Applicants shall provide the Historic District Commission with detailed site plans for proposed site features of the new parcel, including information on any structures, driveways, site lighting, and parking areas.*

Considerations/Issues:
The *Preservation Guidelines* do not provide direct guidance for storm shelter demolition except to state that a COA is required. However, the purpose of the *Preservation Guidelines* is to protect historic structures, and since this structure is not historic, its removal is allowed. Additionally, it is worth noting that the storm shelter does not meet current building codes for a shelter. The removal of this storm shelter will not impact the historic integrity of this property.

The Commission would need to determine if the demolition of this underground storm shelter meets the *Guidelines* and if its removal will impact this contributing property or the surrounding district.

Commission Action:
(HD 25-30) Consideration of approval, rejection, amendment, and/or postponement of a Certificate of Appropriateness request for the property located at 502 Macy Street for the demolition of the existing storm shelter.

REQUEST

C) Installation of a garage with an attached cabana.

Project Description:
The proposed two-car garage structure will be 21' wide by 30' 6" deep with a footprint of 640 square feet. The proposed garage will be one-story but will have attic space for storage. The structure's wall height will be 13' 5" with a ridge height of 18' 9". The garage is proposed to be located on the east side of the rear yard in a similar location to the existing garage. A new driveway will provide direct access to the alleyway. The existing driveway from Ponca Avenue is to remain with the same size and configuration. As indicated on the site plan, a cabana will be attached to the north side of the structure to provide a small space for backyard use. Also proposed is a small concrete patio off the cabana to be accessed through a pair of aluminum-clad French doors on the rear of the structure. As part of this project, the existing walkway in the rear yard will be reconfigured to provide direct access from the principal structure to the new garage structure. Tree removal is not proposed for any of the proposed construction.

The exterior materials include smooth Hardie siding, aluminum-clad wood windows, a steel entry door, and overhead metal garage doors with a composite overlay creating the recessed panels of the design. The applicants are proposing a faux carriage door design for the overhead garage door.

The garage will be set 15'6" from the east property line, and 20' from the alleyway, meeting the required setbacks of the Zoning Ordinance.

Reference:

Historic District Ordinance

36-535.a.2.g: *To safeguard the heritage of the City by preserving and regulating historic district structures in such a way that maintains or restores their historic integrity while allowing modern-day uses and conveniences for their residents. (0-0910-12).*

Preservation Guidelines

2.4 Guidelines for Garages

A review by the Historic District Commission will use the following criteria for the issuance of a Certificate of Appropriateness (COA):

.5 New Garage Construction. *A new garage shall be compatible in form, scale, size, materials, features, and finish with the principal structure. The following criteria will be considered for a new garage constructed where there is currently no historic structure:*

a*. The new structure will utilize alley access if available.*

b*. The new footprint will be 575 square feet or 50% of the footprint of the principal structure, whichever is smaller.*

c*. The cumulative of square footages for all garage structures on the lot, shall be no greater than the footprint of the principal structure.*

d*. New garage are to be subservient to the principal structure and in no case will the garage structure be taller, wider or deeper than the principal structure.*

e*. The proposed construction will preserve existing trees.*

***f**. Maximum of two garages are allowed per site.*
***.6 New Garage Height.** New garage structures shall be the traditional height and proportion of garages in the district. New garages in blocks that contain only one-story garages shall be one-story. One and a half-story and two-story garages may be built if located on a block where one and a half-story and two-story garages are dominant or if adjacent properties contain similar height garages. The wall height and height of the roof ridge are to be no greater than the principal structure.*
***.7 New Garage Location.** New garage structures that are not replacing a historic garage are to be located behind the principal structure in the rear yard with limited or no visibility from the front right-of-way. Garages replacing historic garages shall maintain the location and configuration of a historic garage, typically at the end of a front driveway. Such garages shall be located behind the back elevation of the principal structure.*
***.8 New Garage Materials.** The following may be considered on a case-by-case basis for new garages:*
***a**. Acceptable materials include wood, brick and stone masonry, and stucco. Fiber cement products for new garage construction located off an alleyway or if setback behind the rear of the house will be considered on a case-by-case basis. It should be noted that wood siding does not have "wood grain." Only smooth cement board is permitted. The use of vinyl, Masonite, aluminum or other metal sidings is prohibited.*
***b**. Aluminum clad doors and windows are allowed for garages located of an alleyway or behind the rear elevation of the house, with no or limited visibility from the front right-of-way.*
***c**. Wood, wood composite or metal overhead garage doors with wood/wood composite trim are allowed.*
***d**. Garage doors shall be a single width. Double width garage doors will be considered on a case-by-case basis.*

Considerations/Issue:
The proposed garage is a modern-day structure with a simple design. As encouraged by the *Guidelines for Garages*, the proposed garage will be located off the alleyway. The garage will have no visibility from Macy Street but will have some visibility from Ponca Avenue.

The proposed aluminum-clad windows and doors, as well as steel overhead garage doors with a composite overlay, are permitted by the *Guidelines for Garages*. The Commission can consider the proposed smooth Hardie siding for a garage located off an alleyway on a case-by-case basis. The applicant is requesting a steel entry door, which is not expressly allowed by the *Guidelines*. However, the Commission has approved steel entry doors for requests with no visibility or limited visibility from the right-of-way, as seen with this request.

The proposed 640-square-foot footprint for the garage structure exceeds the maximum allowable size of 575 square feet listed in the Guidelines for Garages. The applicant has proposed a structure divided into two spaces: a vehicle storage area and a cabana space. This will effectively reduce the garage size to 453.6 square feet. The garage portion will be 21' wide by 21'5" in depth. The cabana space will be 21' wide by 8'7" in depth, for a total approximate square footage of 142 square feet. The applicant's proposal for one structure instead of two separate structures will provide both space and cost efficiencies and will reduce the visual clutter of multiple structures in the rear yard.

The *Guidelines* state that new garages are to be of a traditional height found in the blocks of the neighborhood where the subject property is located. Catty-corner to the subject property is a two-story structure garage/studio which received a COA and was constructed at 535 E Boyd Street. The garage and accessory structures located east of this parcel are one-story. The *Guidelines* further state that the wall height and roof ridge height of a new garage shall not exceed those of the principal structure. The proposed garage meets this requirement as it has a height of 13 feet, while the principal structure is two stories.

The Guidelines state *"new structures are to be of their own time and differentiated from the historic structure while maintaining compatibility with the principal structure and the character of the neighborhood".* The garage features a simple, modern design with proposed gabled dormers, small canopies over the entry door, and French doors leading to the backyard. The proposed faux carriage overhead doors are a modern-day design that references historic garages found in the Southridge District. The use of modern materials such as composite overlay and Hardie siding will further differentiate this structure from the historic principal structure and ensure that the garage does not create a false sense of history.

The Commission needs to determine if the proposed garage, as submitted, meets the *Preservation Guidelines* for design, size, location, placement, materials, and whether it is compatible with the historic principal structure and the Southridge Historic District.

Commission Action:
Consideration of approval, rejection, amendment, and/or postponement of the certificate of appropriateness request (HD 25-30) for the property located at 502 Macy Street for the construction of a garage with a cabana.

The City of Norman Historic District Commission
APPLICATION FOR CERTIFICATE OF APPROPRIATENESS (COA)

Staff Only Use:
HD Case #
Date
Received by:

Note: *Any relevant building permits must be applied for and paid for separately in the Planning and Community Development Office 405-366-5311.*

Address of Proposed Work:	
Applicant's Contact Information:	
Applicant's Name:	Stanley Berry
Applicant's Phone Number(s):	[redacted]
Applicant's E-mail address:	[redacted]
Applicant's Address:	[redacted]
Applicant's relationship to owner:	☐ Contractor ☐ Engineer ☒ Architect
Owner's Contact Information: (if different than applicant)	
Owner's Name:	Brock Gibbins, Kenita Gibbins
Owner's Phone Number(s):	[redacted]
Owner's E-mail:	[redacted]

Project(s) proposed: (List each item of work proposed. Work not listed here cannot be reviewed.)

1) Demolition of existing garage and storm shelter
2) Construct new garage and cabana with drive
3) Replace concrete at existing drive
4) New fencing

Supporting documents such as project descriptions, drawings and pictures are required see checklist page for requirements.

Authorization:
I hereby certify that all statements contained within this application, attached documents and transmitted exhibits are true to the best of my knowledge and belief. In the event this proposal is approved and begun, I agree to complete the changes in accordance with the approved plans and to follow all City of Norman regulations for such construction. I authorize the City of Norman to enter the property for the purpose of observing and photographing the project for the presentations and to ensure consistency between the approved proposal and the completed project. I understand that no changes to approved plans are permitted without prior approval from the Historic Preservation Commission or Historic Preservation Officer

Property Owner's Signature: Brock C. Gibbins (POA) Kenita Gibbins **Date:** 9/1/2025

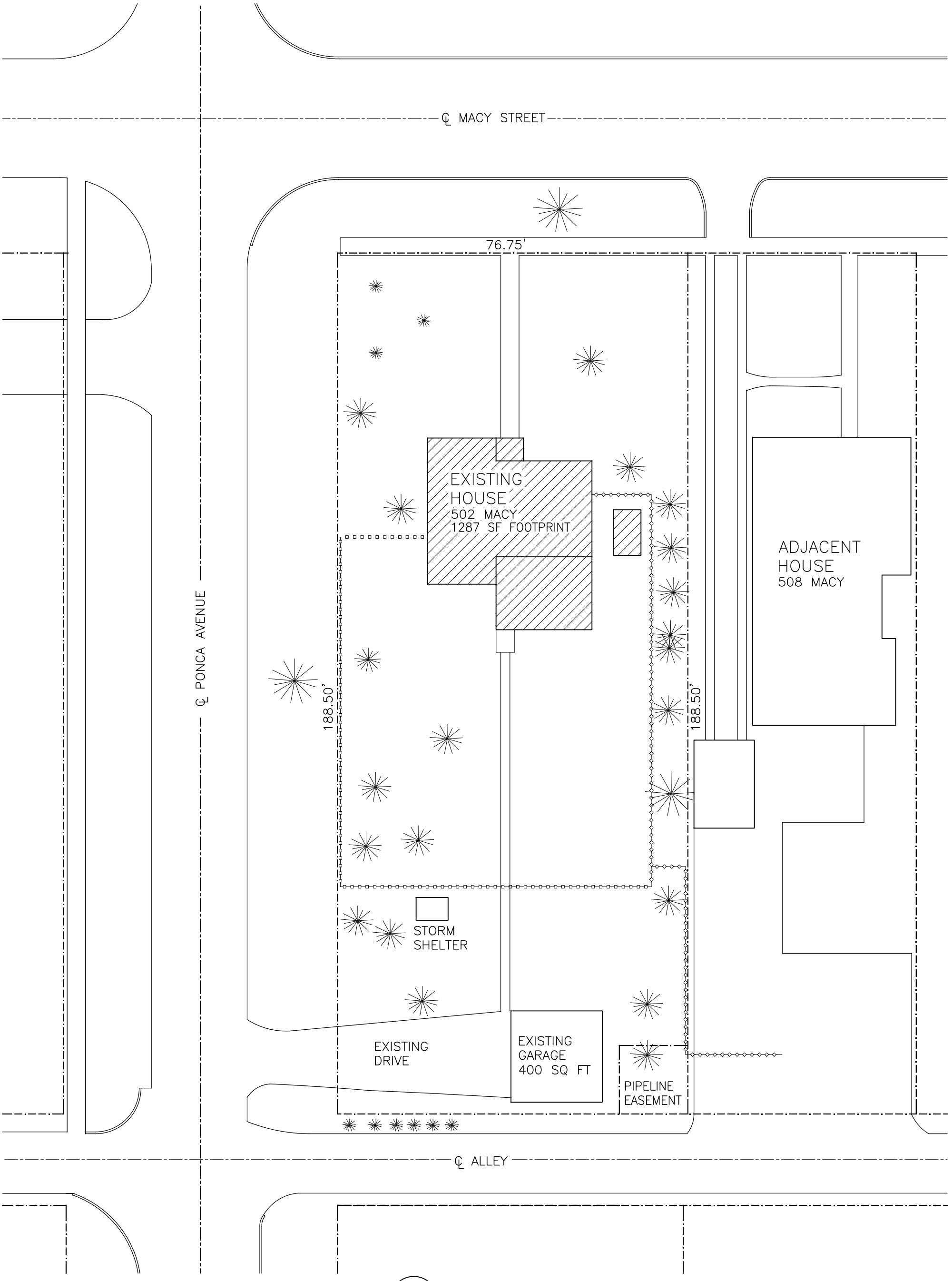
☒ (If applicable): I authorize my representative to speak in matters regarding this application. Any agreement made by my representative regarding this proposal will be binding upon me.

Authorized Representative's Printed Name: Stanley Berry

Authorized Representative's Signature: Stanley Berry **Date:** 9/1/2025

Scope of Work – 502 Macy Street

1. Demolition of existing garage. Garage is in poor condition. The foundation consists of only a concrete slab with no footing that has significant cracking and heaving. The walls of the structure are racked in two directions. Sill plates throughout show rot and water damage. To correct the problems will incur significant costs. Construction of a new structure will be more cost effective and better serve the owner's needs. In addition to the structural issues there are significant problems with drainage and flooding. Demolition of the structure would allow for improvement of the drainage and reduce flooding. City of Norman Public Works has addressed these issues on a temporary basis but more work is needed. Refer to the photographs for building condition and drainage issues.
2. Demolition of existing in-ground concrete storm shelter. A new storm shelter that meets current codes will be installed in the new garage.
3. The existing concrete drive entering from Ponca Ave is in poor condition. It is proposed that the drive be removed and new concrete be placed in the same location of the existing drive. Replacement will also allow for grading to help with the drainage issues. Refer to photographs.
4. Construction of a new garage with a cabana area, open patio, and attic storage. Area of the garage and cabana area is 641 square feet. Preservation guidelines allow a secondary structure to be one-half the size of the principal structure footprint. The proposed structure meets this requirement.
5. New concrete drive from the alley to serve the new structure. New concrete walks to serve the new structure.
6. Replace existing west fence and add additional fencing. Fence to match existing. Refer to photograph.
7. No trees will be removed due to construction. Barricades will be placed to protect trees that are adjacent to the proposed structure



1/1 EXISTING SITE PLAN
1:20

NOT FOR CONSTRUCTION
FOR DESIGN AND REVIEW PURPOSES

STANLEY BERRY
ARCHITECT
820 CLEMENT DR (405) 830-4195
NORMAN, OK 73070
sberry@swbell.net

GARAGE AND CABANA
502 MACY STREET

NORMAN, OK

ISSUED FOR	
REVIEW	9/2/25
REVISION 1	9/10/25
REVISION 2	9/16/25

1

LOT AREA	14,468 SF
EXISTING HOUSE FOOTPRINT	1287 SF
GARAGE AND CABANA	641 SF
STORAGE BUILDING	60 SF
EXISTING WALKS	220 SF
EXISTING DRIVE	612 SF
PATIO	126 SF
NEW WALKS	176 SF
NEW DRIVE	518 SF
TOTAL IMPERVIOUS COVERAGE	3640 SF (26%)

℄ MACY STREET

76.75'

EXISTING HOUSE
502 MACY
1287 SF FOOTPRINT

ADJACENT HOUSE
508 MACY

℄ PONCA AVENUE

188.50'

188.50'

EXTEND EXISTING WALK

21'–0"

16'–0"

PATIO

NEW FENCE TO MATCH EXISTING

30'–6"

NEW GARAGE AND CABANA 641 SQ FT

PROTECT TREES WITH BARRICADES

5'–4"

REPLACE CONCRETE AT EXISTING DRIVE

NEW DRIVE

PIPELINE EASEMENT

11'–8" +/–

6'–7" +/–

4'–4" +/–

20'–4"

4'–4" +/–

℄ ALLEY

19'–9" +/–

39'–9"

21'–0"

15'–0"

1'–0"

1 SITE PLAN
2 1:20

NOT FOR CONSTRUCTION
FOR DESIGN AND REVIEW PURPOSES

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NORMAN, OK 73070
sberry@swbell.net

GARAGE AND CABANA
502 MACY STREET

NORMAN, OK

ISSUED FOR	
REVIEW	9/2/25
REVISION 1	9/10/25
REVISION 2	9/16/25

℄ MACY STREET

76.75'

EXISTING
HOUSE
502 MACY
1287 SF FOOTPRINT

ADJACENT
HOUSE
508 MACY

℄ PONCA AVENUE

188.50'

188.50'

REMOVE
SIDEWALK

REMOVE
FENCE

REMOVE
STORM
SHELTER

PROTECT
TREES
WITH
BARRICADES

REMOVE
CONCRETE
TO BE
REPLACED

REMOVE
GARAGE

PIPELINE
EASEMENT

℄ ALLEY

1/3 DEMOLITION PLAN
1:20

NOT FOR
CONSTRUCTION
FOR DESIGN AND
REVIEW PURPOSES

STANLEY BERRY
ARCHITECT
820 CLEMENT DR (405) 830-4195
NORMAN, OK 73070
sberry@swbell.net

GARAGE AND CABANA
502 MACY STREET

NORMAN, OK

ISSUED FOR	
REVIEW	9/2/25
REVISION 1	9/10/25
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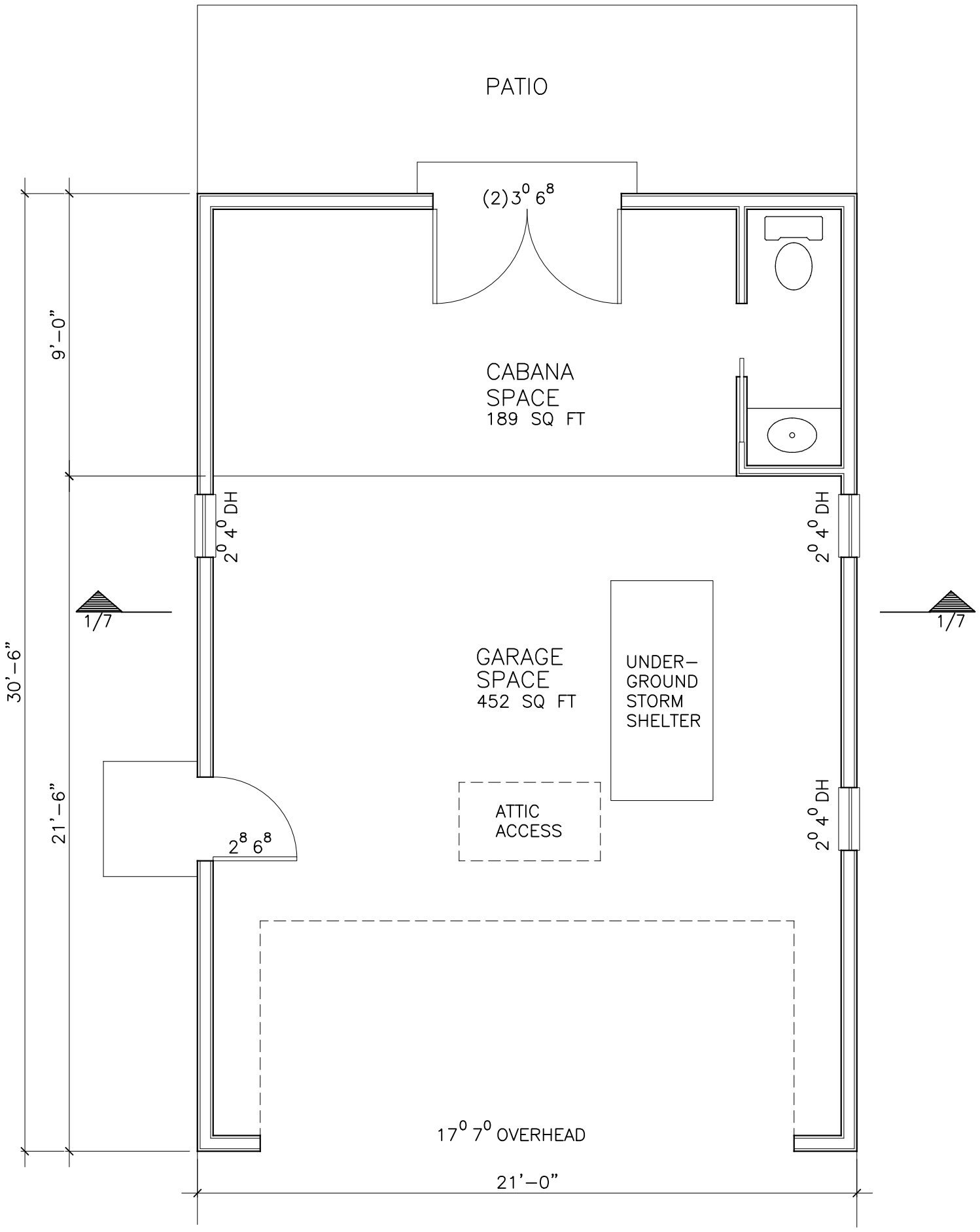

1/4 FLOOR PLAN
1/4" = 1'–0"

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FOR DESIGN AND REVIEW PURPOSES

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sberry@swbell.net

GARAGE AND CABANA
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ISSUED FOR	
REVIEW	9/2/25
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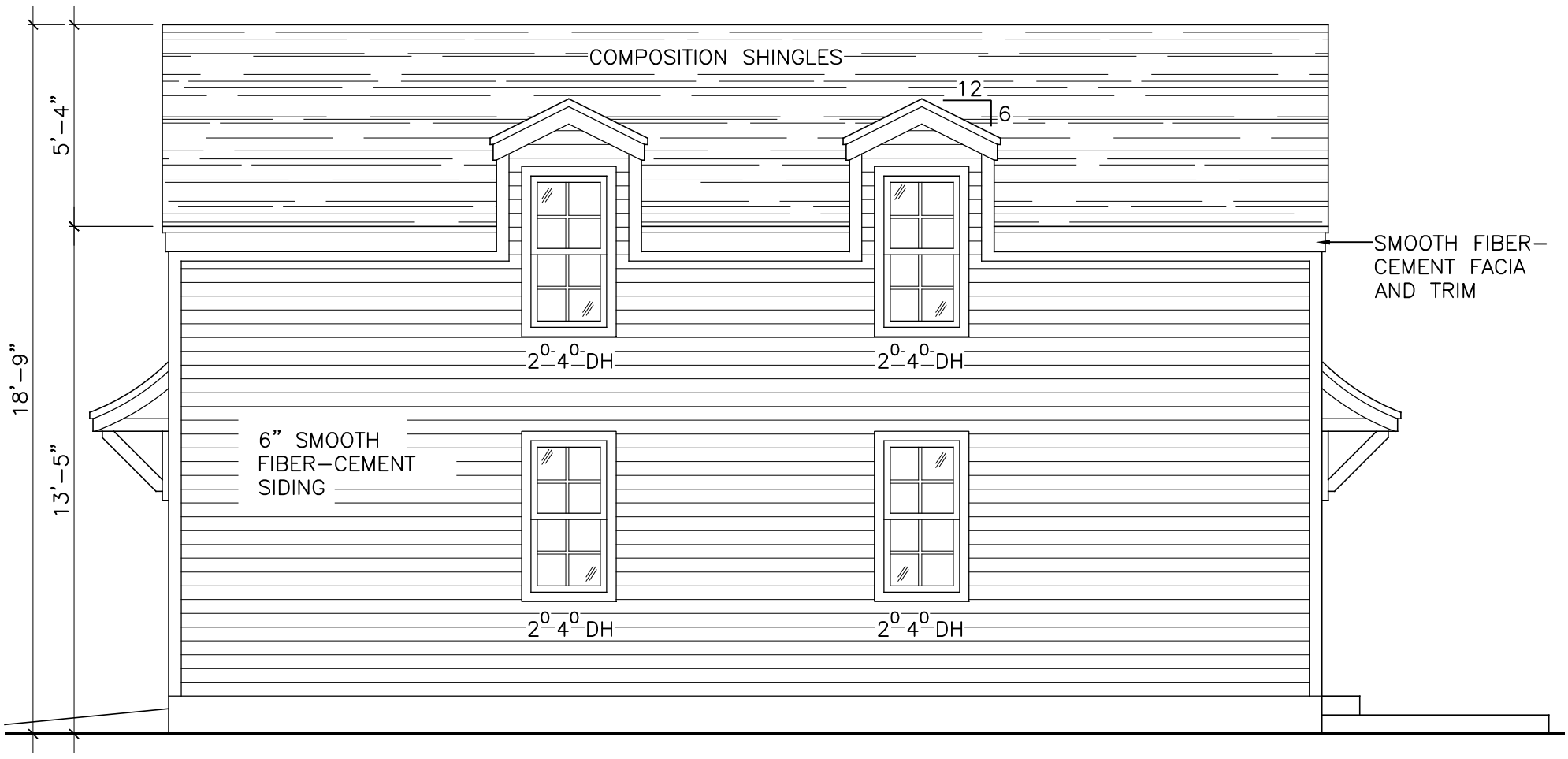
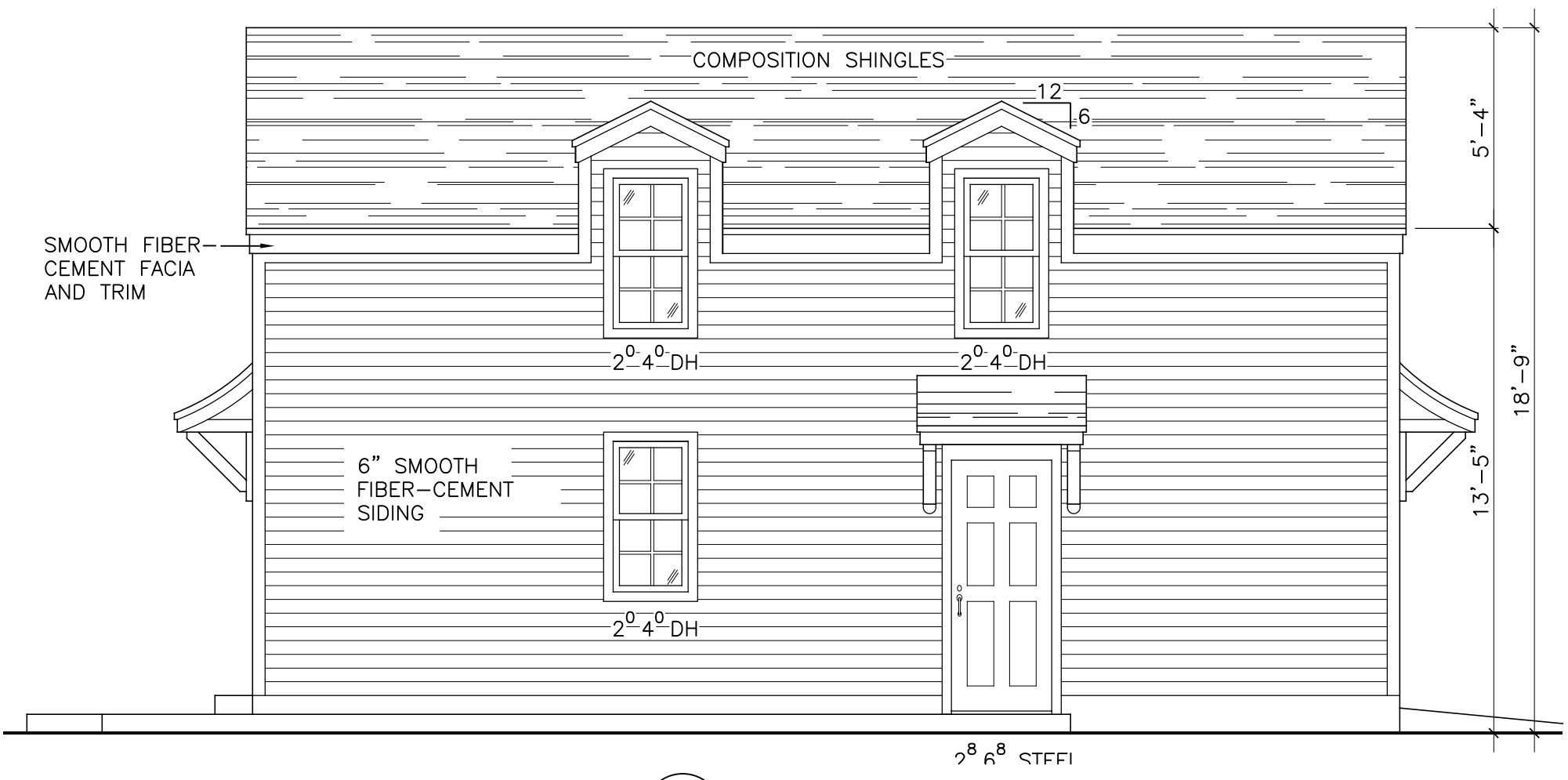
REVISION 2	9/16/25

4



1/5 EAST ELEVATION
1/4" = 1'–0"



2/5 WEST ELEVATION
1/4" = 1'–0"

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FOR DESIGN AND REVIEW PURPOSES

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ARCHITECT
820 CLEMENT DR (405) 830–4195
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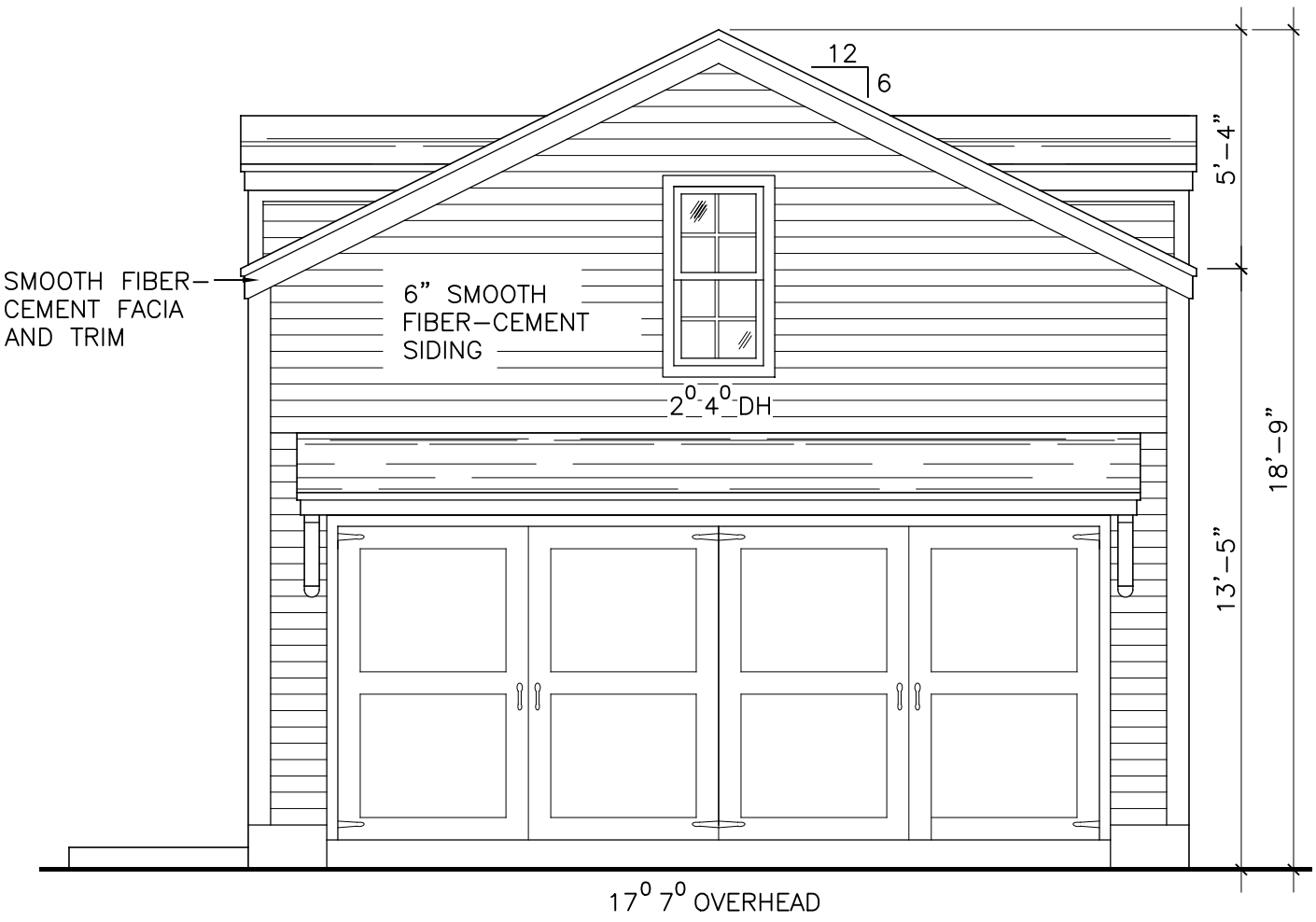
sberry@swbell.net

GARAGE AND CABANA
502 MACY STREET

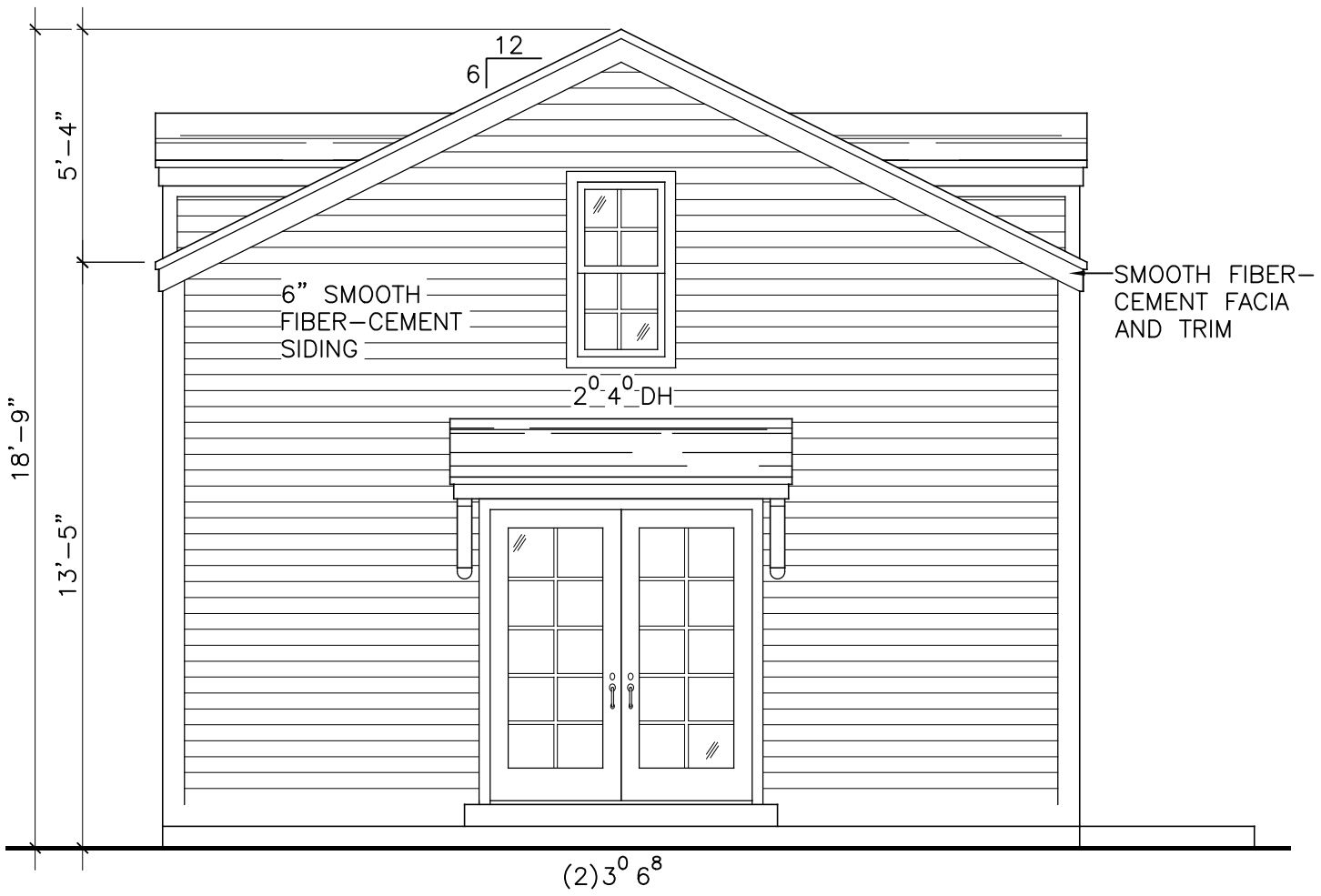
NORMAN, OK

ISSUED FOR	
REVIEW	9/2/25
REVISION 1	9/10/25
REVISION 2	9/16/25

5



1/6 SOUTH ELEVATION
1/4" = 1'–0"



2/6 NORTH ELEVATION
1/4" = 1'–0"

NOT FOR CONSTRUCTION
FOR DESIGN AND REVIEW PURPOSES

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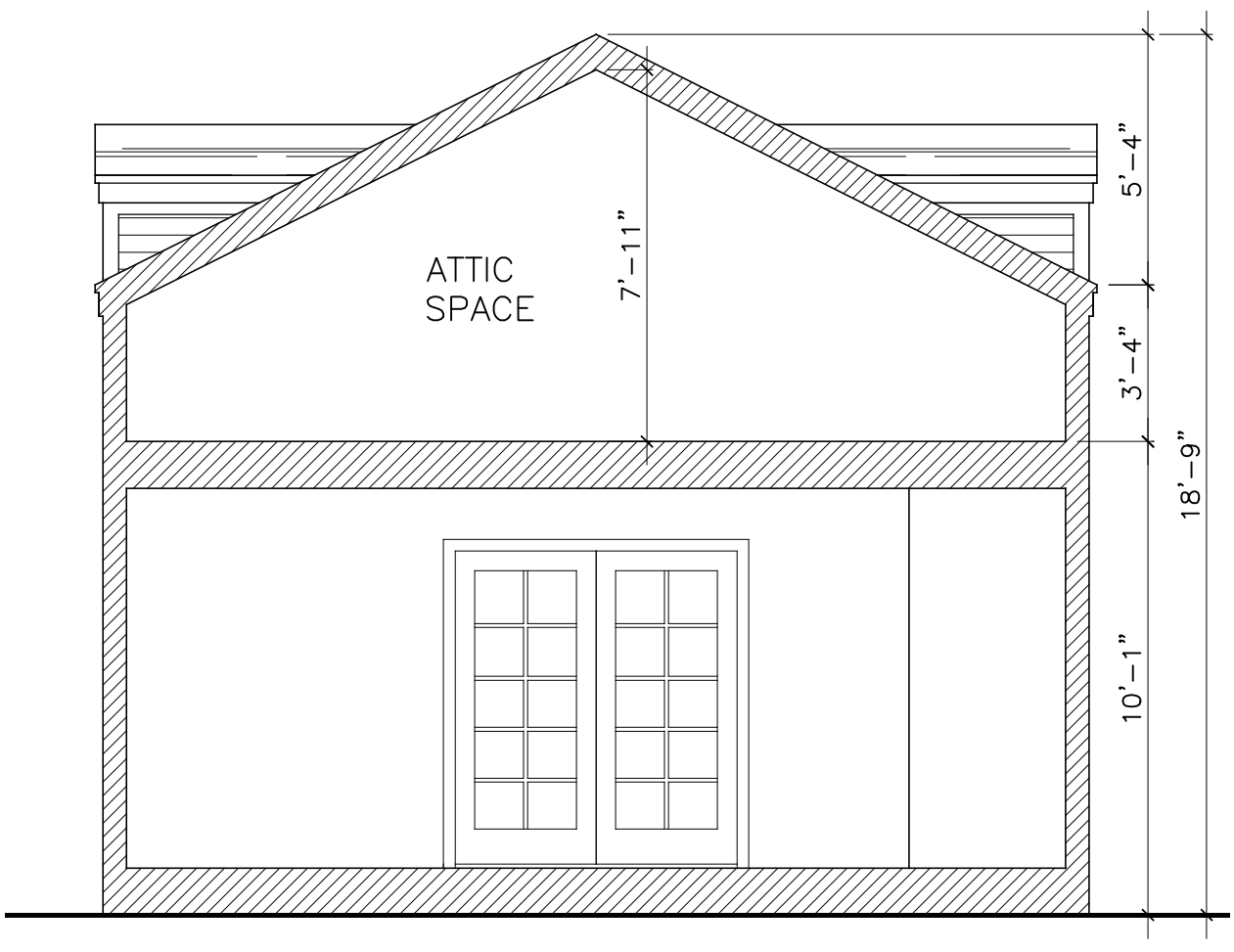
ARCHITECT
820 CLEMENT DR (405) 830–4195
NORMAN, OK 73070
sberry@swbell.net

GARAGE AND CABANA
502 MACY STREET

NORMAN, OK

ISSUED FOR	
REVIEW	9/2/25
REVISION 1	9/10/25
REVISION 2	9/16/25



1/7 BUILDING SECTION
1/4" = 1'–0"

NOT FOR CONSTRUCTION
FOR DESIGN AND REVIEW PURPOSES

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ARCHITECT
820 CLEMENT DR (405) 830–4195
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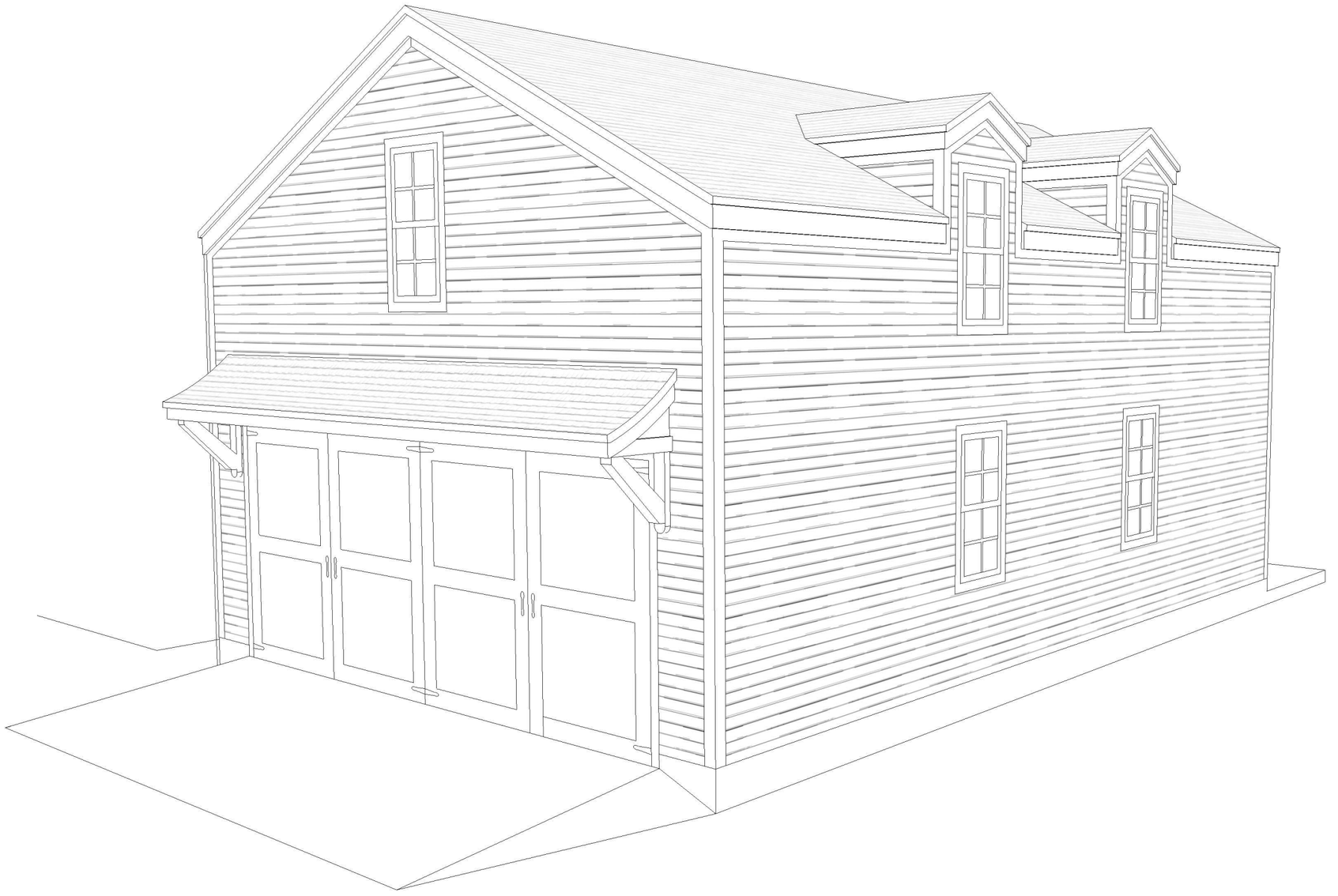
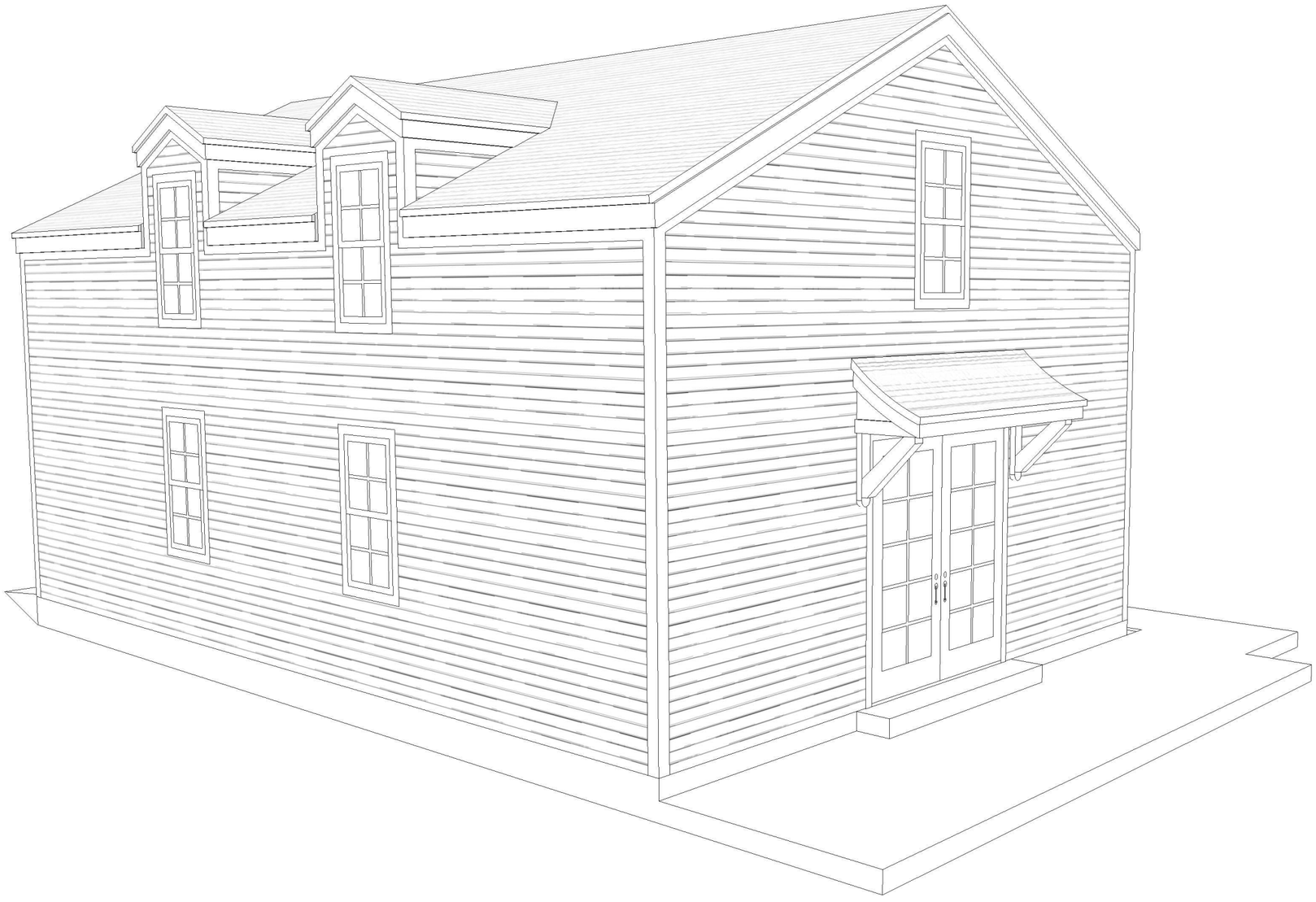
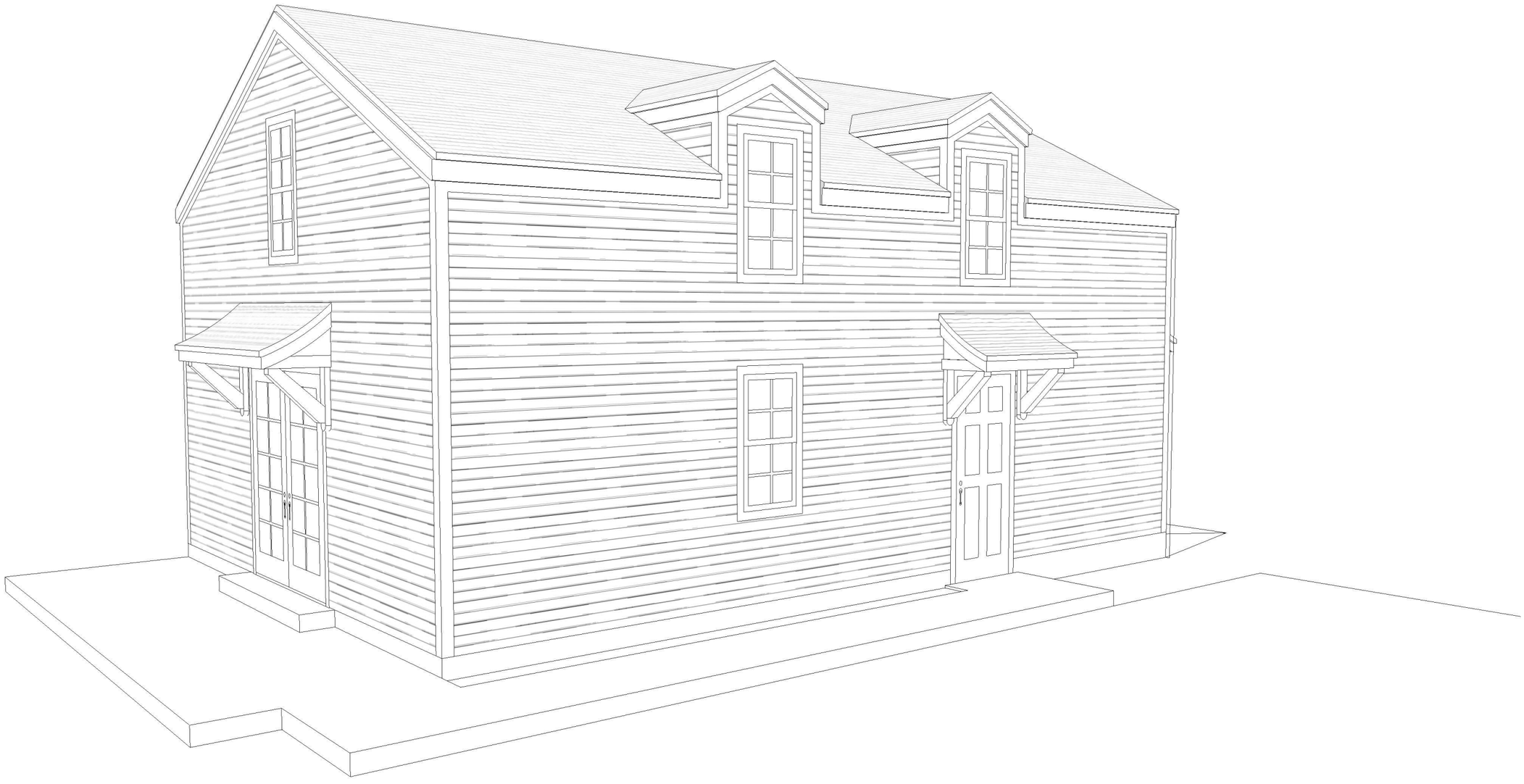






Pella® Lifestyle Series

Clad/Wood

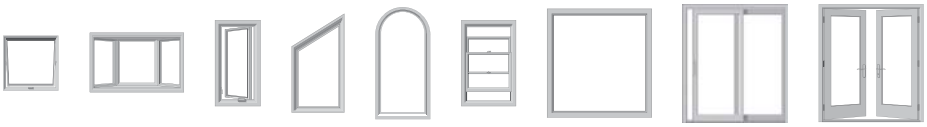
#1 performing wood window and patio door for the combination of energy, sound and value.[1]

Triple-pane casement

Dual-pane double-hung window with Hidden Screen

- **Easy-to-learn Pella Steady Set™ interior installation system**
  Pella Steady Set Interior Installation System is a revolutionary, award-winning and safer way to install new construction windows.[1] The simple system is the fastest, most labor efficient wood window installation system with uncompromising quality.[2] Available on select windows.
- **Performance redefined**
  You don't have to compromise on any aspect of performance. Available performance solutions offer an unbeatable combination of energy efficiency, sound control and value.[3]
- **ENERGY STAR® certified[4]**
  Pella products offer energy-efficient options that will meet or exceed ENERGY STAR guidelines in all 50 states. Pella Lifestyle Series products with triple-pane glass have been awarded ENERGY STAR Most Efficient Mark in 2023.
- **Enhanced sound control**
  Our patented, triple-pane design with Advanced Low-E glass allows for mixed glass thickness for enhanced sound dampening resulting in an average 52% noise reduction versus single-pane windows.[5]
- **Intentional design for improved durability**
  Intentional jamb on sill design helps seal the end grain of the wood and elevates it off the rough opening, reducing the potential for moisture.
- **Durable 3-way corner joints**
  Three-way corner joints are made up of mortise-and-tenon, metal fasteners and commercial adhesive for added strength and durability.
- **Quality exterior finishes**
  EnduraClad® finish is a tough, protective aluminum finish for windows. The overlapping, watershed cladding resists chalking and fading. Our extruded aluminum-cladding delivers exceptional durability for sliding patio door exteriors.
- **Exclusive wood protection**
  Pella's exclusive EnduraGuard® wood protection is applied after the pieces have been cut and milled, but prior to final assembly. It provides advanced protection against the effects of moisture, decay, stains from mold and mildew — as well as termite damage.
- **Time-tested innovations**
  Create unique room-by-room solutions and achieve project goals with performance options and purposeful innovations like the Hidden Screen and integrated blinds and shades.
- **Best limited lifetime warranty[6]**
  Pella Lifestyle Series products are covered by the best limited lifetime warranty in the industry for wood windows and patio doors.[6]
- **Testing beyond requirements**
  At Pella, our products are tested beyond requirements to help ensure they have long-lasting performance and reduce call-backs for you.
- **Convenient & durable screens**
  The revolutionary Hidden Screen appears when you open a double-hung window and folds away when it is closed. It provides a clear view when the window is closed and improves curb appeal year-round. The heavy-duty TuffScreen® by Phifer keeps bugs out and allows more fresh air in as one of the most durable screen options on the market. Available on sliding patio doors.

Available in these window and patio door styles:[7]



Special shape windows also available.

[1, 2, 3, 4, 5, 6, 7] See back cover for di

Product Specifications

Window & Patio Door Styles	Min. Width	Min. Height	Max. Width	Max. Height	Performance Class & Grade	Performance Values U-Factor	SHGC	STC	Frame/Install
Awning Dual-pane vent	21"	17"	59"	59"	LC30 – LC50	0.25-0.34	0.19-0.51	25-28	Pella Steady Set™, Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Awning Triple-pane vent	21"	17"	59"	59"	R20 - CW50	0.20-0.28	0.15-0.41	31-37	
Casement Dual-pane vent	17"	17"	35"	73"	LC30-LC50	0.25-0.34	0.19-0.58	25-31	
Casement Triple-pane vent	17"	17"	35"	73"	R20-CW50	0.20-0.25	0.17-0.46	31-37	
Fixed Casement Dual-pane	17"	17"	73"	73"	LC30-LC50	0.23-0.35	0.20-0 .57	29-32	
Fixed Casement Triple-pane	17"	17"	73"	73"	R20-CW50	0.19-0.27	0.15-0.49	33-37	
Double-Hung Dual-pane vent	21"	35"	48"	84"	LC30-LC50	0.25-0.34	0.20-0.48	27-31	
Hinged Patio Door Dual-pane single door	30"	80"	38"	96"	LC50	0.26-0.32	0.18-0.48	31	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Hinged Patio Door Triple-pane single door	30"	80"	38"	96"	LC55	0.23-0.28	0.12-0.34	34-36	
Hinged Patio Door Dual-pane double door	60"	80"	75"	96"	LC50	0.25-0.29	0.18-0.48	30-32	
Hinged Patio Door Triple-pane double door	50"	80"	75"	96"	LC55	0.22-0.26	0.14-0.38	34-36	
Sliding Patio Door Dual-pane double-door vent (OX or XO)	60"	80"	120"	120"	R20-LC50	0.26-0.31	0.20-0.51	28-31	
Sliding Patio Door Triple-pane double-door vent (OX or XO)	60"	80"	96"	96"	LC35-LC50	0.23-0.26	0.19-0.47	32-34	
Sliding Patio Door Dual-pane triple-door vent (OXO)	90"	80"	180"	120"	R20-LC35	0.26-0.31	0.20-0.51	–	
Sliding Patio Door Triple-pane triple-door vent (OXO)	90"	80"	144"	96"	LC35	0.23-0.26	0.19-0.47	–	
Sliding Patio Door Dual-pane quadruple-door vent (OXXO)	117"	80"	237"	120"	R20-LC35	0.26-0.31	0.20-0.51	–	
Sliding Patio Door Triple-pane quadruple-door vent (OXXO)	117"	80"	189"	96"	LC35	0.23-0.26	0.19-0.47	–	

Window sizes available in 1/4" increments
Special sizes available in dual- and triple-pane sliding patio doors. For more information regarding performance, visit pella.com/performance. For more information regarding frame and installation types, visit installpella.com.

Window Hardware

Essential Collection

Select from popular designs and finishes to suit every style.


Fold-Away Crank


Cam-Action Lock

Finishes:


Champagne

White


Brown


Matte Black


Satin Nickel


Satin Brass

Patio Door Hardware

Essential Collection

Elevate your style and transform a home with elegant selections.


Hinged Patio Door Handle


Sliding Patio Door Handle

Finishes:


Champagne

White


Brown


Matte Black


Satin Nickel


Satin Brass

Colors

Prefinished Pine Interior Colors

We can prefinish pine in your choice of several paint and stain colors. Unfinished or primed and ready-to-paint are also available.

White

Bright White

Linen White


Natural Stain


Golden Oak Stain


Early American Stain


Provincial Stain


Black Stain

Aluminum-Clad Exterior Colors

Our low-maintenance EnduraClad® exterior finish resists fading and helps protect windows and patio doors for years. Seacoast EnduraClad protective finish for coastal projects with high salt exposure is also available.


Black

White


Brown


Fossil


Iron Ore


Portobello


Putty

Almond

Classic White


Brick Red


Hartford Green

Wolf Gray

Integrated Blinds & Shades

Integrated Blinds[8]

Raise blinds up for an unobstructed view or tilt to let in just the right amount of light.


White


Poplar White


Bisque


Storm

Golden

Mocha

Black

Integrated Shades[8]

Our best integrated fabric shades feature a white exterior fabric for a uniform look from the street. Integrated and accessible shades are available manual or motorized with Pella Insynctive technology.

Light-Filtering:

White

Silver

Maize

Room-Darkening:

Cotton

Bamboo

Ash

Haven't landed on the final blind or shade color selection? No problem. With our patented triple-pane design, you and your customer can make those decisions later in the schedule. Our triple-pane products come with all of the hardware to add a blind or shade straight from the factory or at a later time in the building or remodeling process.

Screens[9]

Hidden Screen

The Hidden Screen appears when you open a double-hung window and folds away when the window is closed. It allows 44% more natural light into your home when a window is closed than a standard screen.[10] Hidden Screen cartridge available in Black, White, Brown, Fossil and Iron Ore colors to match or complement the exterior cladding color choice.

Rolscreen®

Rolscreen soft-closing retractable screens roll out of sight when not in use. Available on casement and awning windows.

TuffScreen® by Phifer*

The heavy-duty vinyl-coated screen is tear, puncture and damage resistant, standing up to pets, children and harsh weather. The TuffScreen® by Phifer is 2.5x stronger than a standard screen.[12] Available on sliding patio doors.

*All trademarks are property of their respective owners

InView™

InView flat screens let in 14% more light and are 8% more open for improved airflow when compared to the conventional fiberglass screen.[11]

[6, 9, 10, 11, 12]See back cover for disclosures.

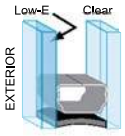
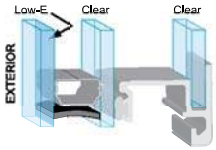
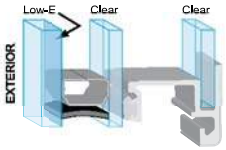
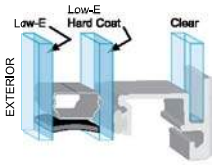
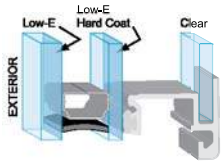
Performance Packages

To make things easier, we've created performance packages.

Performance solutions offer an unbeatable combination of energy efficiency, sound control and value.[1] Create room-by-room solutions with the upgraded triple-pane glass design.

All values below are averages compared with single-pane windows.

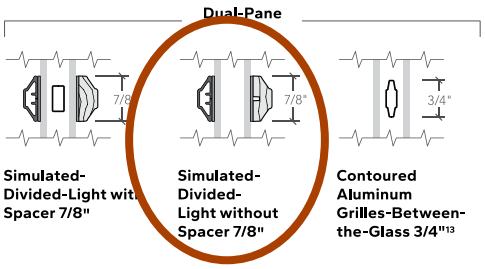
Pella® Lifestyle Series offers products awarded ENERGY STAR® Most Efficient for 2023.[4]

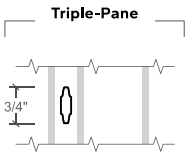
Base	Performance	Sound Control	Energy Efficiency	Ultimate Performance
	71% More Energy Efficient[10] + 34% Noise Reduction[5]	52% Noise Reduction[5]	83% More Energy Efficient[10]	79% More Energy Efficient[10] + 52% Noise Reduction[5]
				
Advanced Low-E	**Advanced Low-E SunDefense Low-E or NaturalSun Low-E**	**Advanced Low-E, SunDefense Low-E or NaturalSun Low-E Sound-reduction glazing**	**AdvancedComfort**	**AdvancedComfort Sound-reduction glazing**
Two panes of insulating, energy-efficient glass and our most popular features and options.	A triple-pane glass design for a combination of both improved energy efficiency and sound performance.	Triple-pane glass design featuring mixed glass thicknesses for enhanced sound dampering.	A triple-pane glass design with upgraded AdvancedComfort Low-E glass for enhanced energy efficiency.	A triple-pane glass design featuring mixed glass thicknesses with upgraded AdvancedComfort Low-E glass for enhanced energy efficiency.

Patented triple-pane glass design gives flexibility to add integrated blinds or shades without impacting performance.

Grilles

Choose the look of true divided light or make cleaning easier by selecting grilles-between-the-glass.





The Best Limited Lifetime Warranty in the Industry

We know your reputation matters and you stake your reputation on quality, dependable products. That's why we have the best limited lifetime warranty in the industry for wood windows and patio doors.[6]

[1] Compared to leading national wood window brands recommended installation methods for new construction windows.

[2] Comparing average install time and plumb/level/square measurements of leading national wood window brands when installed following the manufacturer's standard installation methods for new construction windows.

[3] Performance solutions require upgrades to triple-pane, AdvancedComfort Low-E and mixed glass thickness. Based on comparing product quotes and published STC/OITC and U-Factor ratings of leading national wood window and patio door brands.

[4] Some Pella products may not meet ENERGY STAR certification in Canada. For more information, contact your local Pella sales representative or go to nrcan.gc.ca/energy/products/categories/fenestration/13739.

[5] Reduction in sound based on OITC ratings of Pella Lifestyle Series windows with respective performance package compared to a single-pane wood or vinyl window with an OITC of 19. Calculated by using the sound transmission loss values in the 80 to 4000 Hz range as measured in accordance with ASTM E-90(09). Actual results may vary.

[6] Based on comparing written limited warranties of leading national wood window and wood patio door brands. See written limited warranty for details, including exceptions and limitations, at pella.com/warranty.

[7] Double-hung windows available in dual-pane only.

[8] Available with triple-pane products only.

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

[10] Window energy efficiency calculated in a computer simulation using RESFEN 6.0 default parameters for a 2000 sq. foot new construction single-story home when Pella Lifestyle Series windows with the respective performance package are compared to a single-pane wood or vinyl window. The energy efficiency and actual savings will vary by location. The average window energy efficiency is based on a national average of 94 modeled cities across the country and weighting based on population. For more details see pella.com/methodology.

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

[12] Based on the composite results of a 5-panel strength analysis comparing TuffScreen and standard screening.

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

Document Navigation Tips:

Items listed in the table of contents above are active links that will take you to the corresponding page.

Supporting documents for this product:

Test Reports:
https://media.pella.com/professional/adm/CertificationReports/Test_Reports_LS-Dual.pdf?utm_source=pdfdoc

CSI Specs (readable using Microsoft Word or other text editing application):
https://media.pella.com/professional/adm/Wood-CSI_Specs/08552.rtf?utm_source=pdfdoc

Detailed Product Description (readable using Microsoft Word or other text editing application):
https://media.pella.com/professional/adm/Clad-Wood-LS/PellaLifestyleSrs-DH_DPD.rtf?utm_source=pdfdoc

Size Tables (requires appropriate CAD software to read and use):
https://media.pella.com/professional/adm/Clad-Wood-LS/LSCDHE_D.dwg?utm_source=pdfdoc

CAD cross sections (requires appropriate CAD software to read and use):
https://media.pella.com/professional/adm/Clad-Wood-LS/LS-DH_XSEC_D.dwg?utm_source=pdfdoc

3D & BIM (requires appropriate software to read and use):
https://media.pella.com/professional/adm/RevitFiles/LS-Revit/Window-Double-Hung-Pella-Lifestyle_Series.zip?utm_source=pdfdoc

Sketchup (requires appropriate software to read and use):
https://media.pella.com/professional/adm/Clad-Wood-LS/PellaSKP_LifestyleSeries_Double-Hung.zip?utm_source=pdfdoc

Combination Recommendations:
https://media.pella.com/professional/adm/Clad-Wood/D_Combinations.pdf?utm_source=pdfdoc

Installation Details:
https://media.pella.com/professional/adm/Clad-Wood/F_InstallationDetails.pdf?utm_source=pdfdoc

Bay/Bow Details:
https://media.pella.com/professional/adm/Clad-Wood/Pella-Wood_BayBowWindows.pdf?utm_source=pdfdoc

Size and Performance Data

	Dual-Pane
Sizes	
Standard double-hung vent / fixed sizes	●
Transom sizes	●
Egress sizes	●
Special sizes available	●
Performance [1]	
Meets or Exceeds AAMA / WDMA Ratings	H-LC25-LC50 Hallmark Certified
Air Infiltration (cfm / ft² of frame @ 1.57 psf wind pressure) [2]	0.11
Water Resistance	7.5 psf
Design Pressure	25 – 50 psf
Other Performance Criteria	
Forced Entry Resistance Level (Minimum Security Grade) [3]	10
Operating Force (lb) Initiate Motion / Maintain Motion (of Hallmark tested size and glazing) [4]	40/40

Sound Transmission Class / Outdoor-Indoor Transmission Class

Product	Frame Size Tested [5]	Glazing System				STC Rating	OITC Rating
		Overall Glazing Thickness	Exterior Glass Thickness	Interior Glass Thickness	Third Pane Thickness (HGP)		
Pella Lifestyle Series Double-Hung	37" x 59"	11/16"	2.5mm	2.5mm	—	27	23
	37" x 59"	11/16"	5mm	3mm	—	31	27

(—) = Not Available

(1) Maximum performance for single unit when glazed with the appropriate glass thickness. See Design Data pages in this section for specific product performance class and grade values.

(2) Published performance data for air infiltration is determined by testing a minimum of four (4) products of NFRC model size. Testing is conducted in accordance with ASTM E283. Air infiltration ratings for products will differ by size. The performance data does not apply to combination assemblies unless noted. Actual product performance may vary for a number of reasons including installation and product care.

(3) The higher the level, the greater the product's ability to resist forced entry.

(4) Glazing configurations may result in higher operational forces.

(5) ASTM E 1425 defines standard sizes for acoustical testing. Ratings achieved at that size are representative of all sizes of the same configuration.

Standard	Options / Upgrades
Glazing	
Glazing Type	
Dual-Pane Insulating Glass	—
Insulated Glass Options/Low-E Types	
Advanced Low-E	SunDefense™ Low-E
	SunDefense+ Low-E
	AdvancedComfort Low-E
	NaturalSun Low-E
	NaturalSun+ Low-E
Additional Glass Options	
Annealed Glass	STC Glazing Options
	Tempered Glass
	Obscure Glass[1]
Gas Fill/High Altitude	
Argon	High altitude (Air-filled only)
Exterior	
EnduraClad® protective finish	—
Cladding Colors	
12 Standard colors[1]	—
Interior[1]	
Unfinished wood	Factory primed
	Factory prefinished paint[1]
	Factory prefinished stain[1]
Wood Types	
Pine	—
Hardware	
Finishes	
Champagne, Matte Black, White or Brown	Oil Rubbed Bronze, Satin Nickel
Sash Locks/Sash Lifts	
Cam-action lock	Sash lifts[2]
Tilt-Wash Cleaning	
Tilt to interior on both sashes	—
Grilles	
Grilles-Between-the-Glass	
—	Traditional, Prairie, Top Row, Cross, Custom - Equally Divided
Simulated Divided Light with Optional Spacer[3]	
—	Traditional, Prairie, Top Row, Cross, Custom - Equally Divided
Screens	
—	Full-Size InView™ screens, Hidden Screen[4]

(—) = Not Available
(1) Contact your local Pella sales representative for current color options.
(2) Sold separately for Pella® Lifestyle Series double-hung windows.
(3) Available with Low-E argon-insulated glass only.
(4) Hidden Screen prevents operation of the upper sash.

Document Navigation Tips:

Items listed in the table of contents above are active links that will take you to the corresponding page.

The Pella logo on each page is a link back to this table of contents.

Bookmarks are also included in this PDF document and are available as an additional navigation option.

Supporting documents for this product:

Test Reports:
https://media.pella.com/professional/adm/CertificationReports/Test_Reports_LS-Dual.pdf?utm_source=pdfdoc
https://media.pella.com/professional/adm/CertificationReports/Test_Reports_LS-Triple.pdf?utm_source=pdfdoc

CSI Specs (readable using Microsoft Word or other text editing application):
https://media.pella.com/professional/adm/Wood-CSI_Specs/08213.rtf?utm_source=pdfdoc

Detailed Product Description (readable using Microsoft Word or other text editing application):
https://media.pella.com/professional/adm/Clad-Wood-LS/PellaLifestyleSrs-IS_DPD.rtf?utm_source=pdfdoc

Size Tables (requires appropriate CAD software to read and use):
https://media.pella.com/professional/adm/Clad-Wood-LS/LSCISE_D.dwg?utm_source=pdfdoc

CAD cross sections (requires appropriate CAD software to read and use):
https://media.pella.com/professional/adm/Clad-Wood-LS/LS-IS_XSEC_D.dwg?utm_source=pdfdoc

3D & BIM (requires appropriate software to read and use):
https://media.pella.com/professional/adm/RevitFiles/LS-Revit/Door-In-Swing-Pella-Lifestyle_Series.zip?utm_source=pdfdoc

Sketchup (requires appropriate software to read and use):
https://media.pella.com/professional/adm/Clad-Wood-LS/PellaSKP_LifestyleSeries_In-Swing_Door.zip?utm_source=pdfdoc

Combination Recommendations:
https://media.pella.com/professional/adm/Clad-Wood/D_Combinations.pdf?utm_source=pdfdoc

Installation Details:
https://media.pella.com/professional/adm/Clad-Wood/F_InstallationDetails.pdf?utm_source=pdfdoc

Size and Performance Data

	Dual-Pane Glazing	Triple-Pane Glazing
Sizes		
Standard door sizes	●	●
Standard sidelight sizes	—	●
Standard transom sizes - Fixed Frame Direct Set	●	●
Special sizes available	—	●
Performance[1]		
Meets or Exceeds AAMA/WDMA Ratings	LC50 Hallmark Certified	LC55 Hallmark Certified
Air Infiltration (cfm/ft² of frame @ 1.57 psf wind pressure)	0.15	0.10
Water Resistance	7.5 psf	8.36 psf
Design Pressure	50 psf	55 psf
Other Performance Criteria		
Forced Entry Resistance Level (Minimum Security Grade)[2]	40	40

Double-Swing	Single-Swing Double	Single-Swing
active/inactive	active/fixed	active or fixed

Sound Transmission Class / Outdoor-Indoor Transmission Class

Product	Frame Size Tested[3]	Glazing System				STC Rating	OITC Rating
		Overall Glazing Thickness	Exterior Glass Thickness	Interior Glass Thickness	Third Pane Thickness (ML)		
Lifestyle Series In-Swing Patio Door	**Active-Fixed – Dual-Pane Glass**						
	71-1/4"x 81-1/4"	13/16"	3mm	3mm	—	30	24
	71-1/4"x 81-1/4"	13/16"	5mm	3mm	—	32	28
	Active-Inactive – Triple-Pane Glass						
	71-1/4"x 81-1/2"	11/16"	3mm	3mm	3mm	34	28
	71-1/4"x 81-1/2"	11/16"	5mm	3mm	4mm	35	31
	71-1/4"x 81-1/2" with blind	11/16"	5mm	3mm	4mm	35	31
	71-1/4"x 81-1/2" with shade	11/16"	5mm	3mm	4mm	35	31

(1) Maximum performance for single unit when glazed with the appropriate glass thickness. See Design Data pages in this section for specific product performance class and grade values. Values shown are for standard and special sizes; Custom sizes may not have the same values. Contact your local sales representative for complete information.

(2) The higher the level, the greater the product's ability to resist forced entry.

(3) ASTM E 1425 defines standard sizes for acoustical testing. Ratings achieved at that size are representative of all sizes of the same configuration.

Lifestyle Series In-Swing Patio Door

Features and Options

Standard	Options / Upgrades
Glazing	
Glazing Type	
Dual-Pane Glazing	Triple-Pane Glazing with Clear Moveable Light
Insulated Glass Options/Low-E Types	
Advanced Low-E	SunDefense™ Low-E
	SunDefense+ Low-E
	AdvancedComfort Low-E
	NaturalSun Low-E
	NaturalSun+ Low-E
Glass Performance Package Options	
Base Package (Dual-Pane)	Performance Package - Triple-Pane
	Sound Control Package - Triple-Pane with STC glass
	Energy Efficiency Package - Triple-Pane with AdvancedComfort Low-E
	Ultimate Performance Package - Triple-Pane with AdvancedComfort Low-E and STC glass
Additional Glass Options	
Annealed Glass	STC Glazing Options
	Tempered Glass
	Obscure Glass[1]
Gas Fill/High Altitude	
Argon	High altitude (Air-filled only)
Exterior	
EnduraClad® Cladding Colors[1]	
4 Standard colors	8 Feature Colors
Sill Finish[2]	
Black	Mill
Interior[1]	
Unfinished wood	Factory primed, Factory prefinished paint, Factory prefinished stain
Wood Types	
Pine	—
Hardware	
Champagne, White, Brown or Matte Black	Satin Brass, Satin Nickel
Locking System	
Multi-Point	
Key lock	—
Grilles	
Simulated-Divided-Light with Optional Spacer (Dual-Pane glazing)	
—	Traditional, Prairie, Top Row, Cross, Custom - Equally Divided
Simulated Divided-Light with Grilles-Between-the-Glass (Triple-Pane glazing)	
—	Traditional, Prairie, Top Row, Cross, Custom - Equally Divided
Grilles-Between-the-Glass	
—	Traditional, Prairie, Top Row, Cross, Custom - Equally Divided
Integrated Between-the-Glass Options (Triple-Pane Only)[1]	
Cellular Fabric Shades	
—	Raise-and-lower bottom-up
Slimshade® Blinds	
—	Raise-and-lower bottom-up
Screens	
—	InView™ screens

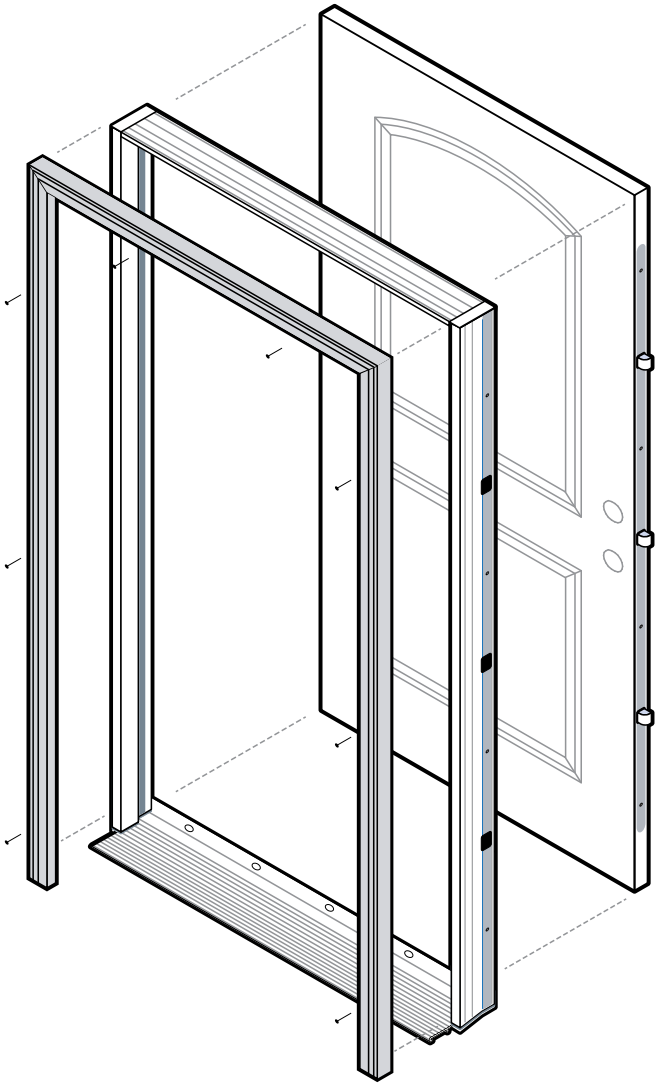
(—) = Not Available
(1) Contact your local Pella sales representative for current designs and color options. Cellular fabric shades and Slimshade blinds are not available in transom units
(2) ADA sill available in mill finish only.

Pella® Entry Doors

WEST ENTRY DOOR

#1 preferred entry door brand by homeowners.*

A curated collection of fiberglass and steel entry doors delivering dependable performance and inspired designs.



Rendering shown with all available options.

- **Whole home solution**
  Trust Pella to be your whole project solution with our complete offering of windows, patio doors and entry doors. Support is available where and when you need it with trusted national, regional and local partners in sales and installation.
- **Innovative security sensors**
  Our integrated security sensors are factory-installed and integrated directly into the entry door system. Preserving the beauty and warranty of a Pella entry door while increasing peace of mind, they can be used with the free Pella Insynctive® app and integrate with many home security systems.
- **Premium hardware**
  Pella has partnered with Baldwin®, the #1 premium hardware brand to create three stunning collections to complement your project's style, architecture and coordinating window hardware.
- **Variety of panel materials**
  Available in fiberglass and steel, our collection of entry doors can meet the needs of your design vision, while providing exceptional performance and energy efficiency.
- **Rot-resistant frame system**
  Pella's complete panel and frame system for fiberglass and steel entry doors is made of a rigid closed cell poly-fiber material and is engineered to be exceptionally energy efficient. It does not absorb moisture and is rot resistant, reducing potential callbacks.
- **Energy-efficient panels**
  Our fiberglass and steel entry doors feature solid polyurethane foam-filled panels to increase energy efficiency and ensure years of exceptional performance.
- **Desired, on-trend colors**
  Select from a curated color collection, created in collaboration with the team at Sherwin-Williams DesignHouse for Performance Coatings. They are designed to complement Pella windows and patio doors and coordinate with other exterior finishes, including siding, roofing, stone and shingles.
- **Most popular styles**
  With the most popular panel styles, we've made the selection process for your next project faster and easier. With a panel offering that fits every home style, you can help fulfill your customer's desired aesthetic.
- **Available impact options**
  Offering panel and glass options for impact-certification, Pella's fiberglass and steel panels and frame system allow for code compliance. See performance details at PellaADM.com for more information.

20|10 LIMITED WARRANTY

Pella LIMITED LIFETIME WARRANTY

Pella® entry doors are backed by some of the strongest warranties in the business.[2]

Pella entry door fiberglass systems with composite exterior frames are backed by the Pella Limited Lifetime Warranty. The Pella 20/10 Limited Warranty is the standard warranty for all steel and wood entry doors from Pella.

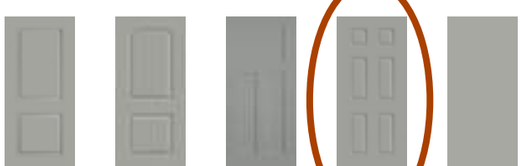
* Study of homeowner perceptions of leading national brands. Study commissioned by Pella, 2019

Product Specifications

Entry Door Styles	Min. Width	Min. Height	Max. Width[1]	Max. Height	Performance Values[1] U-Factor	Performance Values[1] SHGC
Flush Glazed Full Light[2]	30"	80"	36"	96"	0.25	0.16
Full Light[2]	30"	80"	36"	96"	0.25	0.16
3/4 Light[2]	32"	80"	36"	96"	0.25	0.21
3/4 Deluxe Oval Light[2]	32"	80"	36"	80"	0.24	0.15
1/2 Light 1 Panel Plank	32"	80"	36"	96"	0.23	0.16
Craftsman Light[2]	32"	80"	36"	96"	0.19	0.09
Twin Colonial Light	32"	80"	36"	80"	0.19	0.09
2 Panel Square	32"	80"	36"	96"	0.15	0.01
2 Panel Arch Plank	32"	80"	36"	96"	0.15	0.01
Craftsman[2]	32"	80"	36"	96"	0.15	0.01
6 Panel[2]	30"	80"	36"	96"	0.15	0.01
Flush	30"	80"	36"	96"	0.15	0.01

Panel Styles

Solid



2 Panel Square | 2 Panel Arch Plank | Craftsman[2] | 6 Panel[2] | Flush

Glazed

Craftsman Light[2] | 1/2 Light 2 Panel[2] | 1/2 Light 1 Panel[2] | 1/2 Light 1 Panel Plank | 3/4 Oval Light[2] | 3/4 Deluxe Oval Light[2] | 3/4 Light[2] | Full Light[2]

3 Light Equal | 4 Light Equal | Twin Colonial Light | Fan Light | Fan Light Rectangle | 1 Light Flush

Flush Glazed

Flushed Glazed 1/2 Light[2] | Flushed Glazed 3/4 Light[2] | Flushed Glazed Full Light | Flushed Glazed Craftsman

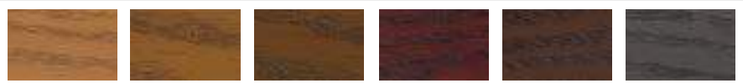
[1] Values shown are for a single door. See your Pella representative for more information.
[2] Availability may be limited. Please contact your local Pella representative for more information.
[3] See written limited warranties for complete details, including exceptions and limitations, at pella.com/warranty or contact Pella Customer Service at 877-473-5527.

Colors

Finishes

Find the color that coordinates best with your project, from modern to traditional styles, across the country. Our curated collection of on-trend colors was created in collaboration with the team at Sherwin-Williams DesignHouse for Performance Coatings.

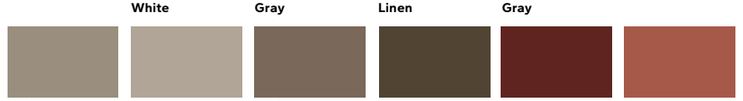
Prefinished Stains



Golden Oak | Early American | Provincial | Red Mahogany | Dark Mahogany | Charcoal

Painted Fiberglass or Steel

White | Classic White | Pearl Gray | Soft Linen | Wolf Gray | Almond



Putty | Fossil | Portobello | Brown | Brick Red | Spice Red

Sage | Pine Green | Frost Blue | Blue Ash

Glass

Glass

Low-E insulating glass is available on a broad range of glazed entry doors. It provides thermal protection for exceptional energy efficiency, insulating from both heat and cold — making it a great choice for all climates. Decorative and impact-resistant glass options are available.

Low-E Glass
Energy-saving Low-E insulating glass is a simple, elegant option that helps protect flooring and furniture from fade damage.

Low-E Obscure Glass
An elegant way to add privacy. Pella's obscure glass patterns provide unique design simplicity.

Low-E Glass

Chord | Double Water | Pear | Satin Etch | Narrow Reed

Added Peace of Mind

Integrated Security Sensors

Integrated wireless security sensors maintain aesthetics, streamline security installation and ensure no warranty loss is caused by post-installation drilling. Sensors can be monitored via the free Pella Insynctive® mobile app and are compatible with major security panel systems.* For more information, go to connectpella.com.

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

CANYON RIDGE®
collection

5-LAYER CONSTRUCTION

Clopay® PRO•SERIES®
America's Favorite Garage Doors®

Design 36 shown in dark finish with Optional Olde Door Pull Handles, Mediterranean Strap Hinges and Fleur de Lis Step Plate. (Model CAN236PC)

LIMITED WARRANTY to CONSUMERS · GOOD · HOUSEKEEPING Since ★ 1909 REPLACEMENT or REFUND if DEFECTIVE

Designing Your Canyon Ridge Door

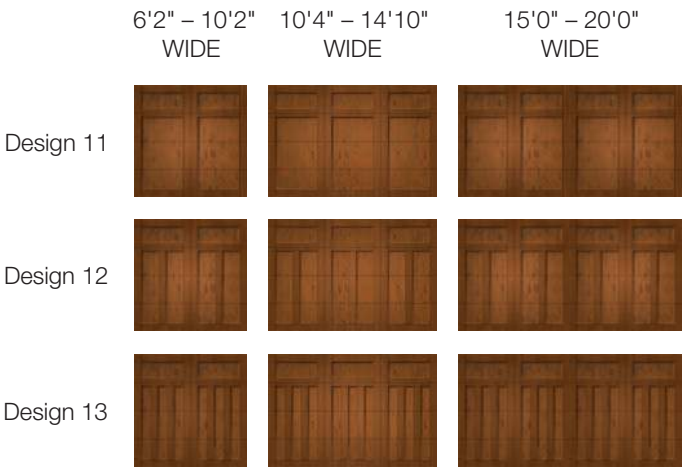
This brochure is arranged to progressively help you select the model number of your door choice. See the example to the right.

Canyon Ridge Door	Insulation Thickness*	Design	Cladding Material**	Overlay Material**	Window Design/Top Section
CAN	2	13	P	C	REC13

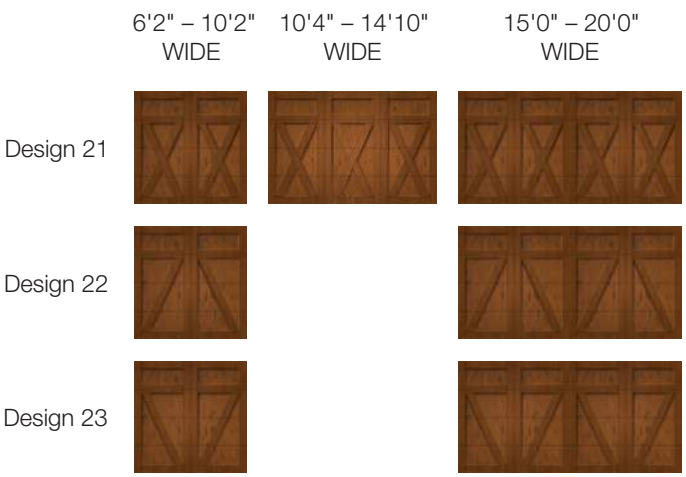
** 2 = 2" Polyurethane. ** See below for material design options.*

Canyon Ridge Door Designs

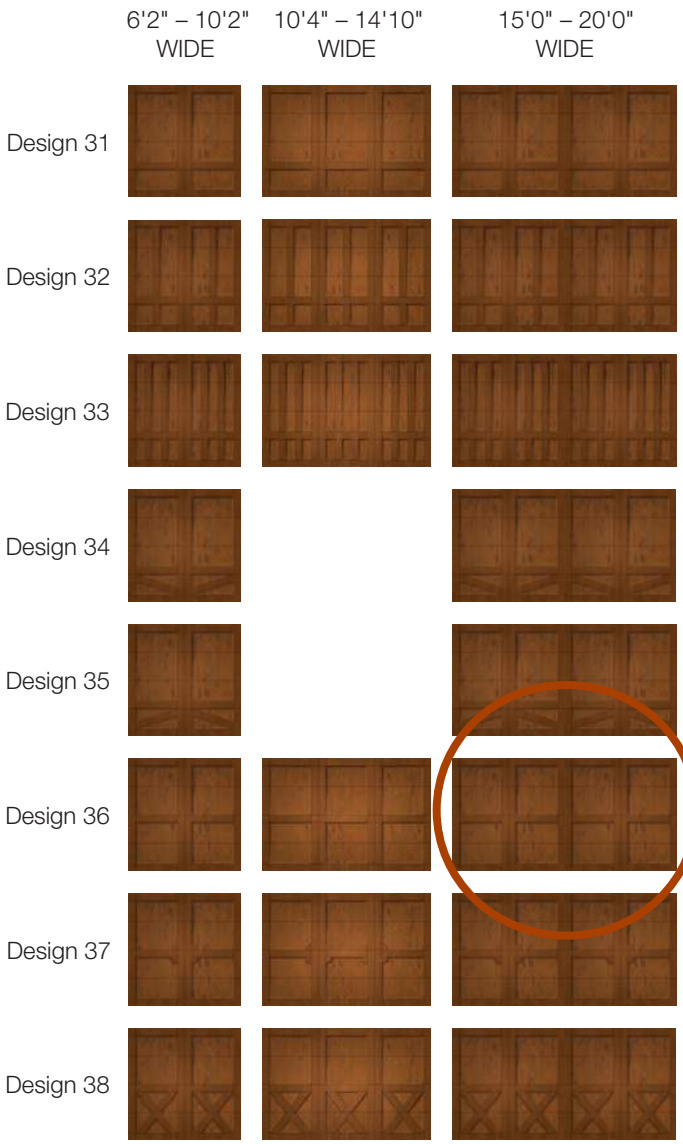
SERIES 1



SERIES 2



SERIES 3



Door widths available 6'2" to 20'0" wide in 2" increments. Door heights available 6'0" to 12'0" high in 3" increments.
Note: 6'3" high doors are not available with windows. See your Clopay Dealer for details.

Material Design Options

Cladding Material

Overlay Material

Note: *Cladding and overlay material options can be combined.*

Window Designs / Top Sections

Top sections are available in solid panels or with windows in Rectangular, Square and Arched Designs. 1/8" DSB glass is standard. Obscure, Seeded, Insulated DSB, Insulated Obscure and Insulated Seeded are also available as an option. Insulated glass available on Series 1 and 2 only. Contact your Clopay Pro-Series Dealer for details.

Brand NEW! *Seeded glass option available on all window designs to give an Old World charm to your home.*

Series 1 & 2 Solid Top Sections

(Not Applicable to Series 3)

Series 1& 2 Glazed Top Sections

(Not Applicable to Series 3)

Series 3 Solid Top Sections

(Not Applicable to Series 1 and Series 2)

rustic looks REFINED

The Canyon Ridge® Collection provides the natural beauty of wood with the durability and low maintenance of an innovative polymer cladding and overlay. The end result is an authentic faux wood door that duplicates every aspect of the charm and character of wood. The cladding and overlay material are molded from actual wood to replicate its natural texture and intricate grain patterns of Pecky Cypress, Clear Cypress and Mahogany. Lightweight, durable and very easy to maintain, these rustic beauties are virtually indistinguishable from the original.

Design 11 shown in medium finish, ARC4A Window Design. Optional Decorative Handles with Keyhole, Spade Strap Hinges and Fleur de Lis Step Plate. (Model CAN211PCARC3A)

5-Layer Construction

2" POLYURETHANE INSULATION

EFFICIENCY 19.2 R-VALUE

Calculated door section R-value is in accordance with DASMA TDS-163.

Canyon Ridge® Collection not applicable for new construction in California areas designated as "Fire Hazard Severity Zones".

Attractive beveled edge clip-in grilles are removable for easy cleaning.

Colors

Medium Finish | Dark Finish | Primed

Canyon Ridge Doors come factory finished in either Medium or Dark Finishes. Cladding and overlays are finished in the same color. Doors can be ordered primed for those homeowners wishing to custom paint or stain their doors.

Due to the printing process colors may vary.

Design 22 shown in dark finish, SQ23 Windows Design, Optional Ring Door Knockers and Fleur de Lis Step Plate. (Model CAN222CMSQ23)

Decorative Hardware

Attractive black powder coated grip handles and step plates are provided standard to further enhance the carriage house design. Optional antique black iron hardware, including handles, operable L-keylocks, strap hinges, door knockers and studs, are available to provide the look of a classic carriage house door.

I = Cast Iron Construction A = Aluminum Construction

STANDARD HARDWARE

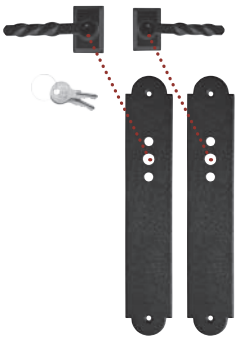
Spade Step Plate I

Spade Lift Handles I

OPTIONAL HARDWARE

Fleur de Lis Handles I

Lion's Head Door Knocker I



Operable L-Keylocks I

Escutcheon Plates I

Olde Door Pull Handles A

Ring Door Knocker I

Ring Knocker with Plate A

Decorative Handles with Keyholes I

Gate Latch Handles A

Coach Clavos A

Sliding Bolt A

Round Clavos A

Fleur de Lis Hinge I

Tuscan Strap Hinge A

Fleur de Lis Step Plate I

Spade Strap Hinge I

Mediterranean Strap Hinge A

Finishing and Care

Proper care and maintenance are imperative to the appearance, longevity and performance of a Canyon Ridge® Collection door. Complete finishing and maintenance instructions are provided with the door and are also available online at www.clopay.com.

CANYON RIDGE LIMITED 5YR WARRANTY

A FOCUS ON *green*

Clopay is committed to designing, manufacturing and distributing garage doors that enhance the beauty, safety and value of your home while minimizing the impact on the environment.

The Canyon Ridge® Collection helps conserve natural resources by providing a durable, reliable, low-maintenance, energy efficient door insulated with polyurethane. The steel used in Clopay's doors is made from over 75% recycled content. All Clopay doors are made in the U.S., minimizing shipping, damage and handling.

For more details on Clopay's green practices visit:
clopaydoor.com/cgreen.aspx

Clopay PRO•SERIES®

For more detailed product specification information or availability of our Canyon Ridge® Collection Garage Doors, please contact your Clopay Pro-Series Dealer. To locate a dealer to help you select the right door for your home, just go to **www.clopaydoor.com/dealer** or call **1-800-2CLOPAY (225-6729)**.

Follow us on **facebook.com/ClopayGarageDoors**, **twitter.com/clopay** and **BLOG clopaydoor.com/blog**.

insite.™
Building design. Streamlined.

JamesHardie™

Hardie® Plank Lap Siding

Submittal Form 01

Submitted to: .....

Project Name: .....

Submitted by: .....

Date: .....

☐ HZ5® Product Zone ☐ HZ10® Product Zone

Product Width: ☐ 5-1/4in ☒ 6-1/4in ☐ 7-1/4in ☐ 8in ☐ 8-1/4in ☐ 9-1/4in ☐ 12in

Product Finish: ☒ Primed ☐ ColorPlus® Technology

Product Texture: ☒ Smooth ☐ Select Cedarmill® ☐ Colonial Roughsawn® ☐ Colonial Smooth® ☐ Rustic Cedar

Hardie® Plank Lap Siding

Specification Sheet 01

DIVISION: 07 00 00 THERMAL AND MOISTURE PROTECTION | SECTION: 07 46 46 FIBER CEMENT SIDING

HARDIE® PLANK LAP SIDING

Manufacturer

James Hardie Building Products, Inc.

The products are manufactured at the following locations, with quality control inspections by ICC-ES:

- Cleburne, Texas
- Plant City, Florida
- Reno, Nevada
- Waxahachie, Texas
- Prattville, Alabama
- Peru, Illinois
- Pulaski, Virginia
- Tacoma, Washington
- Fontana, California
- Summerville, South Carolina

Compliance with the following codes

- 2006 thru 2021 International Building Code (IBC)
- 2006 thru 2021 International Residential Code (IRC)

For more information about other compliances and applicable uses, refer to ICC-ES ESR-2290

Features

- Noncombustible
- Dimensionally Stable
- Resists damage from pests
- Weather Resistant-Engineered for Climate®
- Impact resistant
- Sustainable

Use

Hardie® fiber-cement lap siding is used as exterior wall covering.
The product complies with IBC Section 1403.9 and IRC Section R703.10.
The product may be used on exterior walls of buildings of Type I, II, III and IV construction (IBC)

Description

Hardie® Plank lap siding is a single-faced, cellulose fiber-reinforced cement (fiber-cement) product. Hardie® Plank lap siding complies with ASTM C1186, as Grade II, Type A; has a flame-spread index of 0 and a smoke-developed index of 5 when tested in accordance with ASTM E84; and is classified as noncombustible when tested in accordance with ASTM E136.

Available Sizes

Product	Width (in)	Length	Thickness (in)
Hardie® Plank lap siding*	5-1/4, 6-1/4, 7-1/4, 8, 8-1/4, 9-1/4, 12	12 feet	5/16

** HZ5: 9-1/4, 12 only available primed HZ10: 5-1/4, 9-1/4, 12 only available primed.*

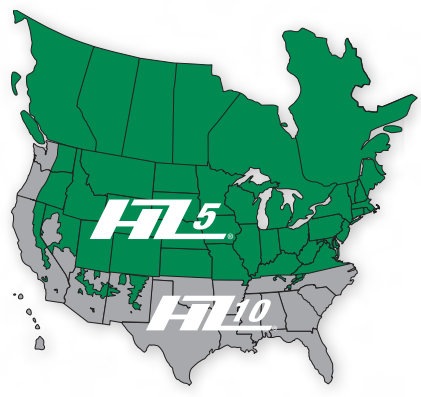
Weight2.31 lbs. per square foot

Texture & Finish

Hardie® Plank lap siding comes in a variety of textures and finishes. The product is available in smooth or wood grain texture. Additional textures are available on a regional basis. Finish options are primed for field paint, or factory finished with ColorPlus® Technology. Color availability varies by region.

Engineered for Climate®

Hardie® Plank lap siding is engineered for performance to specific weather conditions by climate zones as identified by the following map.



Performance Properties

	General Property	Test Method	Unit or Characteristic	Requirement	Result
PHYSICAL ATTRIBUTES	Dimensional Tolerances	ASTM C1185	Length	± 0.5% or ± 1/4 in	Pass
			Width	± 0.5% or ± 1/4 in	
			Thickness	± 0.04 in	
			Squareness	Δ in diagonals ≤ 1/32 in/ft of sheet length. Opposite sheet sides shall not vary in length by more than 1/32 in/ft	
			Edge Straightness	≤ 1/32 in/ft of length	
	Density, lb/ft^3	ASTM C1185		As reported	83
	Water Absorption, % by mass	ASTM C1185		As reported	36
	Water Tightness	ASTM C1185	Physical Observations	No drop formation	Pass
	Flexural Strength	ASTM C1185	Wet conditioned, psi	>1015 psi	Pass
			Equilibrium conditioned, psi	>1450 psi	
THERMAL	Thermal Conductivity	ASTM C177	(BTU/(hr·ft°F))/inch	As reported	2.07
	Actual Thermal Conductivity		(K_{eff})		6.62
	Thermal Resistance		R=1/ K_{eff}		0.48
	Actual Thermal Resistance		(R)		0.15
DURABILITY	Warm Water Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
	Heat/Rain Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
	Freeze/Thaw Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
			Mass Loss, %	≤ 3.0%	
			Freeze/Thaw, % strength retention	≥ 80%	
	UV Accelerated Weathering Test	ASTM G23	Physical Observations	No cracking, checking, or crazing	Pass
FIRE CHARACTERISTICS	Surface Burning Characteristics	ASTM E84	Flame Spread Index (FSI)		0
			Smoke Developed Index (SDI)		≤ 5
			Fuel Contributed		0
			NFPA Class		A
			Uniform Building Code Class	As reported	1
			International Building Code® class		A
	Noncombustibility	ASTM E136	Noncombustible	Pass/fail	Pass
	Fire Resistance Rated Construction	ASTM E119	Fire Resistance Rating	1-hour	Note 1

Note 1: listed on Warnock Hersey and ESR 2290

Installation

Install Hardie® Plank lap siding in accordance with:

- Hardie® Plank lap siding installation instructions
- ICC-ES ESR 2290
- Requirements of authorities having jursidiction

Warranty

Hardie® Plank lap siding: 30-year, Non-Prorated, Limited Warranty
ColorPlus® Technology: 15-year Limited Finish Warranty

Sustainable Design Contribution

- Regionally sourced content- varies by project location
- Avoidance of certain chemicals or Red List Compliance

Detailed product information for LEED projects, or other state or regional sustainability programs is available through James Hardie Technical Services.

Storage and Handling

Store flat and keep dry and covered prior to installation.

Technical Services

Contact James Hardie Technical Services online at JamesHardie.com, or by phone at (800)426-4051

insite.
Building design. Streamlined.

JamesHardie

Hardie® Trim

Submittal Form 09

Project Name: . . . . . **Date:** . . . . .

Submitted to: . . . . . **Submitted by:** . . . . .

Product:	☐ ColorPlus® Technology finish ☒ Primed for Paint
Zone:	☐ HZ5® ☐ HZ10®
Texture:	☒ Smooth ☐ Roughsawn ☐ Rustic Grain
Width:	☐ 2.5 in. ☐ 3.5 in. ☐ 4.5 in. ☐ 5.5 in. ☐ 7.25 in. ☐ 9.25 in. ☐ 11.25 in.
Length:	☒ 12 ft.
Thickness:	☒ 3/4 in. ☒ 1 in. ☐ 1.5 in.

Hardie® Trim

Specification Sheet 09

DIVISION: 07 00 00 THERMAL AND MOISTURE PROTECTION | SECTION: 07 46 46 FIBER CEMENT SIDING

HARDIE® TRIM

Manufacturer

James Hardie Building Products Inc.

The products are manufactured at the following locations, which receive regular quality control inspections by ICC-ES.

- Cleburne, Texas
- Plant City, Florida
- Reno, Nevada
- Prattville, Alabama
- Peru, Illinois

For more information about compliances, refer to Intertek Spec ID# 39758.

Features

- Class-A Fire Rated
- Flood Damage Resistant
- Dimensionally Stable
- Resists damage from pests
- Zero Flame Spread
- Engineered for Climate®
- Weather Resistant
- Impact resistant
- Sustainable

Use

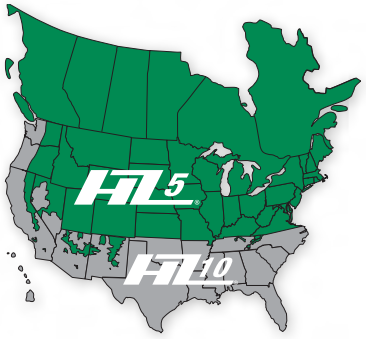
Hardie® fiber cement trim is used as an exterior wall accessory. The product complies with 2024 IBC Section 1403.9; 2018, 2021 IBC Section 1403.10; 2012, 2015 IBC Section 1404.10.

Description

Made from durable fiber cement, Hardie® Trim comes in a variety of textures and are available primed and ready for paint, or pre-finished with ColorPlus® Technology, providing the perfect finishing touch to your project. Hardie® Trim complies with ASTM C1186, Type A; and Class A Fire Rated per ASTM E84, with a flame spread index / smoke developed index of less than 0/5.

Engineered for Climate®

Hardie® Trim is engineered for performance to specific weather conditions by climate zones as identified by the following map.



Performance Properties

	General Property	Test Method	Unit or Characteristic	Requirement	Result
PHYSICAL ATTRIBUTES	Dimensional Tolerances	ASTM C1185	Length	± 0.5% or ± 1/4 in	Pass
			Width	± 0.5% or ± 1/4 in	
			Thickness	For 3/4 in, ± 0.06 in. For greater than 3/4 in, ±10%.	
			Squareness	Δ in diagonals ≤ 1/32 in/ft of sheet length. Opposite sheet sides shall not vary in length by more than 1/32 in/ft	
			Edge Straightness	≤ 1/32 in/ft of length	
	Density, lb/ft^3	ASTM C1185		As reported	70
	Water Absorption, % by mass	ASTM C1185		As reported	≤ 40.2
	Water Tightness	ASTM C1185	Physical Observations	No drop formation	Pass
	Flexural Strength	ASTM C1185	Wet conditioned, psi	>580 psi	Pass
			Equilibrium conditioned, psi	>580 psi	
DURABILITY	Warm Water Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
	Heat/Rain Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
	Freeze/Thaw Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
			Mass Loss, %	≤ 3.0%	
			Freeze/Thaw, % strength retention	≥ 80%	
	UV Accelerated Weathering Test	ASTM G23	Physical Observations	No cracking, checking, or crazing	Pass
FIRE CHARACTERISTICS	Surface Burning Characteristics	ASTM E84	Flame Spread Index (FSI)		0
			Smoke Developed Index (SDI)		≤ 5
			Fuel Contributed		0
			NFPA Class		A
			Uniform Building Code Class	As reported	1
			International Building Code® class		A

Note 1: listed on Warnock Hersey and ESR 2290

Installation

Install Hardie® Trim in accordance with:

- Hardie® Trim installation instructions
- Requirements of authorities having jursidiction

Warranty

Hardie® Trim: 30-year, Non-Prorated, Substrate Limited Warranty
ColorPlus® Technology finishes: 15-year, Limited Finish Warranty

Sustainable Design Contribution

- Regionally sourced content - varies by project location
- Avoidance of certain chemicals

Detailed product information for LEED® projects, Environmental Product Declaration, or other state or regional sustainability programs is available through James Hardie Technical Services or JamesHardie.com.

Storage and Handling

Store flat and keep dry and covered prior to installation.

Technical Services

Contact James Hardie Technical Services by phone at 1-888-J-HARDIE (1-888-542-7343).

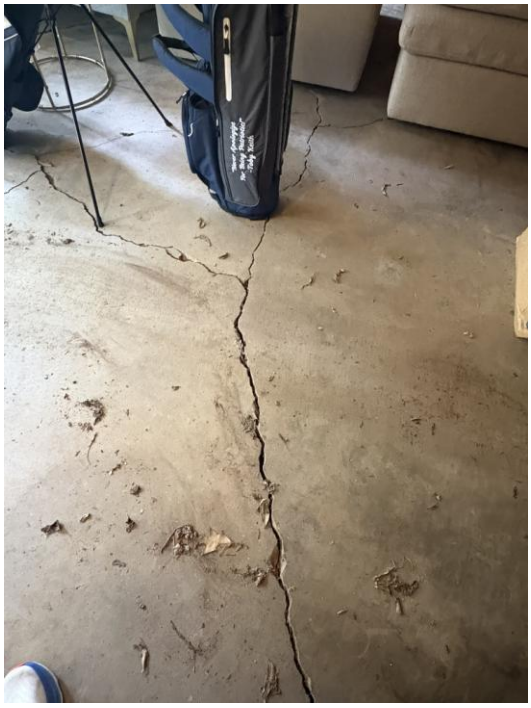
EXISTING HOUSE NORTH ELEVATION

EXISTING HOUSE SOUTH ELEVATION

EXISTING HOUSE WEST ELEVATION

EXISTING HOUSE EAST ELEVATION

GARAGE INTERIOR



GARAGE SLAB

GARAGE EXTERIOR

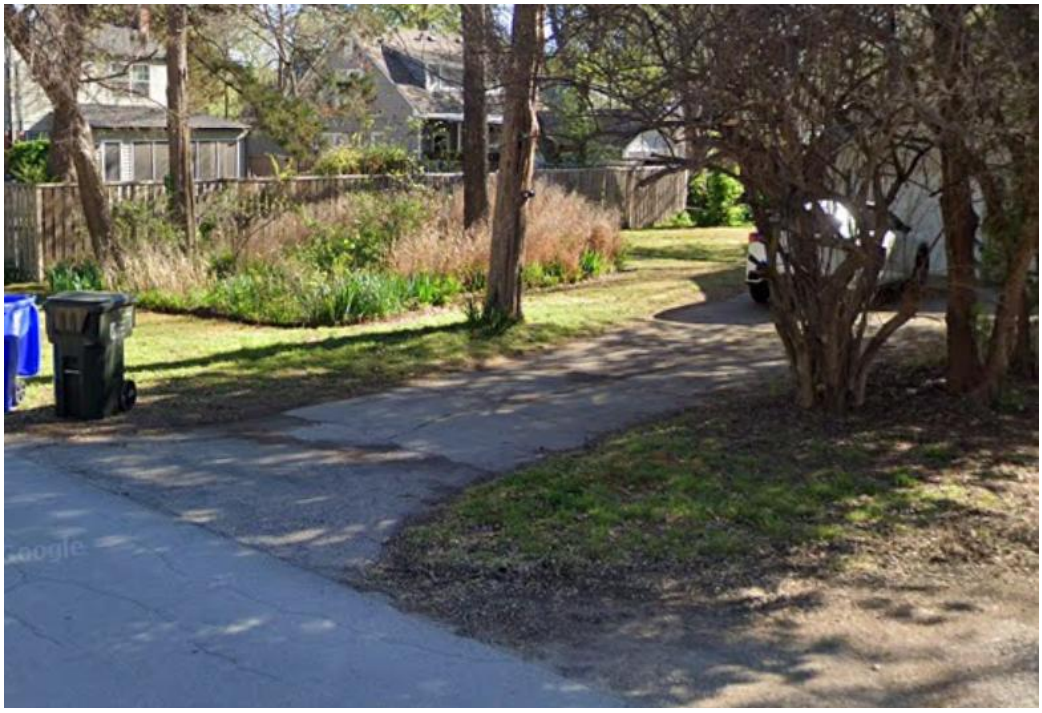
GARAGE EXTERIOR

EXISTING DRIVE FLOODING

GARAGE FLOODING

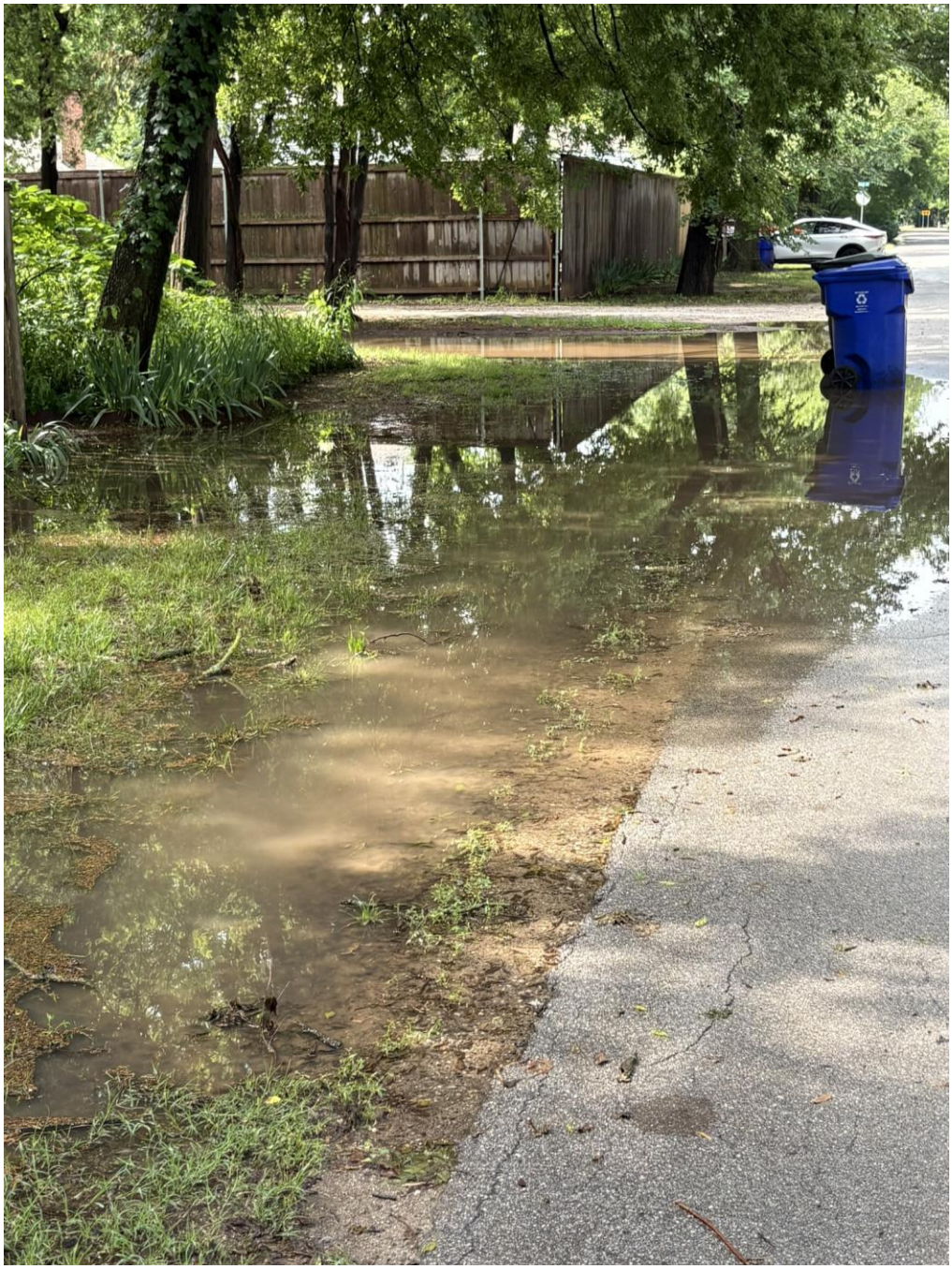
EXISTING STORM SHELTER TO BE REMOVED

EXISTING FENCE TO MATCH



EXISTING DRIVE FROM PONCA AVE

ALLEY LOOKING EAST



PONCA AVE FLOODING