

CITY OF MURFREESBORO
HISTORIC ZONING COMMISSION

Regular Meeting January 21, 2020
3:30 PM, Council Chambers, City Hall

- I. Call to Order and determination of a quorum
- II. Approve Minutes of the Regular Meeting on December 17, 2019
- III. New Business
 - a. **20-H001 449 East College Street, Thomas Holden Jennings-** Requesting final review for construction of a new residence on a vacant lot on East College Street
- IV. Staff Reports and other Business
- V. Adjourn

Regular Meeting Minutes of the Historic Zoning Commission December 17, 2019

MEMBERS PRESENT:

Jim Thompson
Gib Backlund
David Becker
Bill Jakes
Marimae White

ABSENT:

Jennifer Garland
Linda Anderson
Deborah Belcher

STAFF PRESENT:

Amelia Kerr, *Planner*
Matthew Blomeley, *Acting Planning Director*
Brenda Davis, *Recording Assistant*
Katie Drive, *Staff Attorney*

Chairman Thompson called the meeting to order at 3:30 p.m.

Mr. Becker made a motion to approve the November 19, 2019 minutes. The motion was seconded by Mr. Jakes and carried unanimously in favor.

Chairman Thompson announced Ms. Anderson and Ms. Belcher are not present today due to illness and sent well wishes to both for a speedy recovery.

New Business:

H-19-015 – **2255 Middle Tennessee Boulevard, Fletcher Holland** – Requesting final review for construction of a new two-story detached garage with a guest house and additional fencing on property located at 2255 Middle Tennessee Boulevard.

Ms. Kerr reviewed the application and the Staff comments contained in the HZC agenda package. She also showed elevations of the property. Both the applicant and homeowner were present.

Mr. Becker asked the make-up of the never-rot material.

Mr. Holland said the never-rot is a composite material made to withstand years and years of weather versus a typical painted wood window.

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Mr. Becker asked what the composite is made of.

Mr. Holland said it is a composite of PVC and glues similar to trek board type material wood-style system made to look like wood.

Mr. Becker asked the purpose of the fence in the front yard.

Mr. Jeff Davis, the homeowner, said it is added security because they get a lot of foot traffic. He said his neighbor recently nailed a “No Trespassing” sign to a tree in her front yard. He said they live on campus and their steps seem to be convenient seats.

Mr. Jakes verified the front fence has an iron look.

Mr. Davis said the fence will be the same as located across the courtyard. He said the fence would be at the top of their second step which is the walkway leading up to the front door. Mr. Davis said there will be a 4-foot strip between the fence and the sidewalk where they plan to do some type of low-maintenance landscaping.

Chairman Thompson said two additional fence sections are proposed to be added to the garage. The agenda packet shows two types of fence, one has spikes or arrowheads on top and the other does not. He asked what the fence will look like.

Mr. Holland said the proposed fencing will match the back half with a solid bar across the top.

Chairman Thompson verified this fence will be painted black aluminum.

Mr. Holland said yes.

Mr. Davis said this fence will also match his neighbor’s fence in the back as well.

Chairman Thompson complimented the design of the building and particularly liked the front. He thanked Mr. Davis for changing the Chip n Dale stating the proposal today is a much more complementary design to the structure and the existing house. Chairman Thompson said the Commission can only review the elevations they can see from the right-of-way. He said, as you look at the plan, the site toward the tree is pretty much hidden and if you try to get into the garage, it will be completely windowless. Chairman Thompson suggested between the two doors that come from the porch, they might put a window to the left. He feels it would be a benefit to have light going into the garage.

Chairman Thompson noticed the first door is fiberglass and we don’t normally allow fiberglass in the Historic District. He mentioned the windows that were brought up before are PVC, so those are plastic, in common terms. We typically only do wood windows. He said we have done

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metal-clad on a detached garage once before but typically it is wood. Chairman Thompson said the windows that we cannot see, we can't review. He worries about the fatigue of the windows over time. He did not know about PVC performance but knows that vinyl tends to droop over fiberglass. Chairman Thompson said the fiber-cement board has also been approved in the Historic District.

Chairman Thompson asked if the shingles on the new garage will match the existing shingles on the house.

Mr. Holland said yes, as close as possible.

Chairman Thompson asked if all the new fencing would be 5-feet in height.

Mr. Holland said yes.

Chairman Thompson asked where the spiked fencing will be placed.

Mr. Holland said the front yard.

Chairman Thompson asked for the Commission's thoughts and possible motion on the garage, separate from the front yard fence.

Mr. Becker said he had Fiber-X composite-type windows approved at his prior house located on Main Street. He wanted to remind the Commission that approval has been given for some composite-type materials other than wood.

Chairman Thompson said the Fiber-X composite-type material was ground up PVC and wood, so it had a large content of wood. He said it wasn't just plastic but contained a large quantity of wood and that is why it was approved. The cut-sheet for this application shows the window itself is all PVC except the wood material back-up in the jam so a very small percentage is wood. Chairman Thompson said the Commission allowed a metal-clad wood window at a house on Main Street.

Mr. Holland said they will research windows and pull the Fiber-X and Bella with Anderson's.

Mr. Becker said they used Pella wood windows in the house and Fiber-X in the enclosed porch area.

Mr. Jakes asked if the windows in question were located on the front eastern elevation that faces the road.

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Chairman Thompson said yes, stating those are the windows that can be seen from the right-of-way, so the Commission can review and comment. The other windows cannot be seen from the right-of-way.

Mr. Jakes said, other than the window material selection, the elevations look great and he complimented the house. He thinks it will be a great addition.

Chairman Thompson asked if there were any concerns over the fiberglass door. He said it is set-back on the eastern elevation so it may not be visible from the right-of-way.

Mr. Holland said they will make the door the same as the windows for the front elevation.

Chairman Thompson said if a wood door is installed, it wouldn't be affected by the elements since it will be covered.

Mr. Jakes made a motion to approve the final review for the construction of a new two-story detached garage with the proposed fencing connecting to the garage with exception to the windows and doors on the front elevation. Staff was authorized to approve the windows and doors when an acceptable wood-type material is determined. The motion was seconded by Mr. Becker and carried unanimously in favor.

Chairman Thompson referred to the fence along the front of the property. He verified there was a previous meeting on the fence in the front yard, but no decision was made. The applicants were asked to bring back more information at the appropriate time.

Mr. Davis said the previous meeting on the front yard fence was two years ago.

Mr. Jakes asked why the applicants were requesting a 5-foot fence in the front yard.

Mr. Davis said they are not planning to remove the 5-foot fence located in front of the courtyard and he can't visualize going from a 5-foot fence to a 4-foot fence. He said they have dogs and the fence would act as an added barrier. Mr. Davis referred to another property on East Main Street in the Historic District that looks good. He doesn't think it looks inappropriate, adding it is wrought-iron and original.

Chairman Thompson said it is the style of the house and it has always been there that makes it look appropriate. He wasn't sure if the fence was built the same time as the house.

Mr. Davis also referred to another location on the corner of Maney and Lytle that has a fence in their front yard, even though it is not in the Historic District. He likes the look.

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Mr. Jakes said the elevation from the street is lower and the applicant's yard rises. He would hate for the 5-foot fence to obscure the view of the applicant's beautiful house. He understands about wanting to step it down, but it will probably add the same amount of security.

Chairman Thompson asked if the fence is to serve as a deterrent for people to not walk through his yard rather than a safety or security factor.

Mr. Davis said he likes the fact that every now and then some of the foot traffic ceases with his dogs out front. He agreed the fence would be more of a deterrent.

Chairman Thompson said Mr. Davis is not proposing a set of gates across the driveway to secure the back yard. He said people could still walk into the back yard and then they are captured by the fence being all the way around.

Mr. Davis said the fence between their property and the university has landscape gaps. He said it is a 10-foot shadowbox wood fence. He said gates would not serve a purpose for them and be a lot of trouble.

Ms. White said Middle Tennessee Boulevard is such a busy street. She can see why the fence is needed as the Davis' have dogs that are part of their security as well. She indicated a 5-foot fence might be tall enough to keep the dogs from getting out into traffic.

Mr. Becker asked for clarification on where the fence would be installed.

Mr. Davis said there are two steps that go up to the walkway that goes to the front door. He said they are proposing the place the fence at the top of the second step where the walkway to the front door levels out. He said it will leave about a 4-foot knoll and they have been having trouble getting grass to grow there anyway.

Chairman Thompson referred to a light on a post asking if the fence would be located close to that.

Mr. Davis said yes, that is the location of where the fence will be located.

Chairman Thompson asked if the fence would be behind the pole or in front of the light pole.

Mr. Davis said the light pole will probably be taken down.

Chairman Thompson said the light pole just lets the Commission know where 20-foot setback is. He asked if the 20-foot was from the curb or the back side of the sidewalk.

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Mr. Davis said the ordinance calls for the fence to be 20-feet from the curb and the top of the noll is 20-feet. He also reminded the Commission their driveway is right-in and right-out and they can't turn left because of the median.

Chairman Thompson said if you have a gate in that fence at the top step of the sidewalk, a landing will be needed that allows you to get out the gate and not trip going down the steps. If you are standing on the steps to open the gate, that is a safety issue. He said if you put this fence up and add landscaping in front of it hoping it will grow into the fence creating a vegetation look partition, you won't be able to see safely to get out of the driveway.

Mr. Davis reminded Chairman Thompson they are right-in and right-out of the driveway, so they won't be looking left. He asked Staff if that wasn't the purpose of the sight-distance triangle and the required 20-foot setback for the fence.

Mr. Blomeley said the Landscape Ordinance has a sight-distance triangle requirement and we apply it to fences stating it is 20 feet off the edge of the travel lane. He considered the bike lane to be a part of the travel lane.

Mr. Davis said that would put the fence back 22-23 feet back if the bike lane were included.

Chairman Thompson recommended setting the gates back to allow a landing at the top of the uppermost step.

Mr. Davis agreed that was a good idea.

Mr. Backlund said looking back at the minutes from the previous meeting, it references the HZC Guidelines and it says fences are generally not present in the District but may be added if similar material to other fences and structures in the vicinity and if they are constructed to not disrupt the visual harmony. He said, as far as he knows, there are only two lots in the District that have fences in the front yards, one being the one mentioned which was grandfathered and the other one is also on Main Street and it is about a 3-foot high fence. Aside from those fences, he didn't know of any other.

Ms. White said there is a front fence on the Weatherford's property adding it is very high and does not obstruct anything.

Mr. Davis also pointed out two picket fences located on Lytle Street.

Mr. Jakes said the Critchler house has an iron fence.

Mr. Backlund verified the Critchler house was located on Lytle Street.

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Mr. Jakes said yes.

Mr. Backlund asked if the Critchler house is located in the District.

Mr. Jakes said it is located across the street from the District.

Mr. Backlund said most of Lytle Street is not in the Historic District.

Ms. White said the Weatherford's house is a good example of it not disrupting the view.

Chairman Thompson mentioned it does not have any landscaping around it.

Ms. White said no, adding she can see not putting landscaping in front of the applicant's fence because it might get messy. She said going by the property as fast as people go and walking it is not going to impede the impression of their home.

Chairman Thompson said the Commission is a little sensitive to approving the fence in the front yard because of the precedent it would set.

Mr. Davis asked if the Commission's reluctance is visual.

Chairman Thompson said it is common now for people to create a secure compound by putting fences all over the back yards and side yards and now front. The houses were probably built with hardly any fences before and now we are getting to fence everything. He said the concern is the visual effect to the neighborhood.

Mr. Davis said he feels it would be safe for the Commission to set this precedent as he is the only house in the Historic District joined on two sides by M.T.S.U. He said to keep in mind they are located on a 25,000-student campus.

Ms. White asked how often it comes up to place a fence in the front yard of the Historic District. She said it hasn't come up within the past two years, since Mr. Davis came before the Commission previously regarding this issue.

Chairman Thompson agreed but said the other people on East Main Street might start putting up fences. He said when you start setting precedents like plastic windows, the Commission has always been dead set against it, and this is just another thing. He said they must be very careful with approvals because it opens the door for anybody.

Mr. Backlund said his interpretation of the phrase "visual harmony" is that it harmonizes with the neighboring properties so that a fence and no fence do not harmonize. He thinks of a fence as being something different from its neighbor. He was also hesitant to agree with the fence

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because of precedence as well. He said landscaping can provide an excellent barrier both visually and psychologically.

Chairman Thompson said landscaping just won't keep the dogs in the yard.

Ms. White said another thing to think about is the Commission does not have jurisdiction over landscaping. She said they could go back 20 feet and block it off with huge plants like hydrangeas or magnolias affecting the visual effect of the house.

Mr. Backlund said a fence is more permanent.

Ms. White feels a fence is less obstructive than so many other things that you could put there if you just wanted to keep people out. She said their house is so pretty they don't want to hide it and they are going to a lot of expense for the additions so they can stay there to enjoy it with their extended families.

Mr. Davis said he would like the Commission to consider the fence adding he understands the precedence but as he said they are the only house in the Historic District that is adjoined on two sides by M.T.S.U.

Ms. White said look at the building M.T.S.U. put up shown in the picture with the Davis house, referring to the staircase. She said what the Davis' are doing is perfectly tasteful.

Ms. White made a motion to approve the 5-foot fence as shown in the application.

Mr. Becker asked if we are going to add that it is back far enough to have a landing.

Ms. White added the fence must be placed far enough off the street to have a landing.

Mr. Davis said the fence will be L-shaped, 3-feet in and have a recessed the gate back from the top step. He said that would make a landing as he doesn't want to move the whole fence back. He wants to take full advantage of the 20-foot setback.

Chairman Thompson said when you dog-leg it back toward the house, and say the sidewalk is 3-feet, are you going to make the dog-leg 3-feet wide just for the gate or would you make it 5-feet wide to have some landscaping there? He thinks tight to the fence is going to feel awkward when you walk thru that dog-leg. He has also seen where they angle it.

Mr. Davis said he has seen the angling a lot and will probably do that on the neighbor's corner to make sure she has full view to the left. He said if they build at the top of the knoll, less the 20-feet required, that won't be necessary.

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Mr. Blomeley suggested that any motion, considering Middle Tennessee Boulevard is a street that carries a lot of traffic and sometimes it goes faster than it should, be conditioned on the fence location be subject to the review and approval of our Engineering and Transportation Departments just to make sure that the sight-distance lines are adequately provided.

Chairman Thompson requested a final review by this Commission for any changes because you are now talking about a 45-degree angle and a dog-leg. He thinks what they are hearing is that we have a motion to approve a fence and he is suggesting that the final details of it come before the Commission and through Ms. Kerr e-mailing it to all the Commission Members to sign-off that yes, they are fine with it.

Mr. Davis said he would rather not have the dog-leg but he was addressing the Commission's concerns about the landing and the safety of it.

Chairman Thompson said he understands Mr. Davis wants to keep the fence as close to the road as possible but you have got to have a landing there by Code, like a door and a stair.

Ms. White asked if the landing is required to be 3-feet.

Chairman Thompson said interior is 3-feet. He suggested Mr. Davis do 3-5 feet but wouldn't suggest you make that fence close to the sidewalk because it will feel really tight.

Mr. Blomeley suggested putting Mr. Davis in contact with our Codes Department to make sure the adequate landing is provided before we send it by e-mail to the Commission Members.

Chairman Thompson agreed and said this can be handled very quickly.

Ms. White asked if her motion still stands.

Chairman Thompson said yes with the proposed revisions.

Ms. Kerr said Mr. Davis talked about possibly doing a 45-degree angle at the neighbors' asking if he is going to put that into the drawing.

Mr. Davis said he was addressing a concern that Mr. Blomeley had about Engineering review and said if the neighbors wanted more than the 20-feet, which is Code, then they would angle it.

Mr. Blomeley said he doesn't know if the neighbors would want more but considering the location to make sure that they are on-board with the location.

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Chairman Thompson said it could be a very quick sketch on a site plan to show what you want to the neighbors and they will approve it or make other suggestions. Once it is finalized, you can take it to Ms. Kerr to pass along to the Commission members for approval.

Ms. White amended her motion to approve a 5-foot black wrought-iron fence in the front yard with the following conditions:

- 1) The fence location be subject to the review and approval of the Engineering and Transportation Departments for traffic sight distance.**
- 2) The Codes Department verifies that an adequate landing is provided at the gate area.**
- 3) Final sketch drawing is provided to Ms. Kerr to send out to the Commission Members for approval.**

The motion was seconded by Mr. Becker and carried in favor by a vote of 4-1 (Mr. Backlund voted no).

Staff Reports and Other Business

None

Mr. Becker made a motion to adjourn. The motion was seconded by Mr. Jakes and carried unanimously in favor.

The meeting adjourned at 4:15 p.m.

CHAIRMAN

SECRETARY

**City of Murfreesboro
Historic Zoning Commission
Staff Comments
Regular meeting: January 21, 2020**

New Business:

20-H001 449 East College Street, Thomas Holden Jennings- Requesting final review for construction of a new residence on a vacant lot on East College Street

This property is located on the north side of East College Street and contains approximately 0.18 acres. The property is a vacant lot and is located within the Historic Overlay Zone and is zoned Residential Single-Family 8 (RS-8) on the City of Murfreesboro zoning map. Upon the effective date of the City Core Overlay (CCO) District expansion (January 24th), it will also be located in the CCO.

At the June 18, 2019 regular meeting the Historic Zoning Commission voted to approve the request to demolish the house at 449 East College Street. The applicant is proposing to construct a new house on the now vacant parcel of property in the historic district. At the HZC meeting on October 15, 2019, the applicant appeared before the Commission for initial input on the proposed architectural design of the front elevation which was well-received and approved to proceed by the Commission. The total living area of the two-story American Foursquare style home is 3,277 square-feet with two stories of living area. The third floor with the dormer shown on the front elevation is an unfinished attic space and at this time is not considered living area. The applicant has provided brochures of the proposed exterior materials for the hardie plank, doors, windows, , roofing, gutters/downspouts, lighting, fencing, and other details of the house and garage.

The applicant will be in attendance at the meeting in order to answer any questions the Commission may have regarding the request.







RS-8

OG-R

CM-R

OG-R

CM-R

Site

RS-8

RS-8

EAST COLLEGE STREET

RS-8

RS-8

RS-8

RS-10

Text

RS-10

Text

RS-10











FOR RENT
893-4915

459
461





Creating a better quality of life

HZC Application Fees	
Certificate of Appropriateness	
HZC Application (Goes to Meeting)	\$150.00
HZC Application (Admin Approval)	\$ 75.00

To initiate a Historic Zoning Commission Application, an applicant must submit the following:

1. A completed HZC Application Certificate of Appropriateness (below).
2. A **non-refundable** application fee (prices listed above).
3. Meet with HZC Planner about application.

To be completed by applicant: Date: 01/07/20

Owner: Thomas Holden Jennings

Owner's Address: 971 New Salem Hwy, Murfreesboro, TN 37129 Phone: 615-849-2383

Address of Property (if different than above) 449 E. College Street, Murfreesboro, TN 37130

Current Use: Empty Lot

Describe property / structure (e.g. architectural style, date of construction, condition of structure, history of structure, if known, etc.)

Is this a "contributing" structure? Yes No

Is the property or structure listed on the National Register of Historic Places? Yes No

Check proposed action(s):

Alteration Addition Demolition New Construction

Exterior Repairs / Maintenance (No Appearance Changes)

Description of the work to be performed on the property:

Provide: Photographs, scaled drawings of the plans, elevations and materials to assist the Commission in deciding

Architect: J. Taylor Designs

Address: 310 Uptown Square, Murfreesboro, TN 37129 Phone: 615.617.6466

Contractor: TBD

Address: _____ Phone: _____

Is there an application relevant to this property and the subject of modifications or improvements pending or contemplated before the Board of Zoning Appeals, Planning Commission or City Council?

Yes No

If yes, please specify: _____

Who will represent the owner at the Historic Zoning Commission meeting?

Note: The representative needs to be present at the meeting to answer questions and should have the authority to commit the owner to make changes suggested or required by the Historic Zoning Commission.

Name: Self-Representation Phone: _____

Address: _____

Title or Relationship to Owner: _____

Information:

There will be two inspections **prior** to completion of the Certificate of Appropriateness. One near midway of the project and one at the completion of the project. Call 615-893-6441 at least two working days prior to each the inspection. Upon completing the project, according to the application, the owner will receive a copy of the Certificate of Appropriateness in the mail.

Please complete these forms and submit them to the Planning Department by 3:00 p.m. on the submittal date indicated on the HZC yearly calendar.

Approvals for Certificates of Appropriateness allow six months to begin construction. If work has not commenced with that timeframe, the approval will be expired.

SIGNATURE OF OWNER: *J*

SIGNATURE OF AGENT (when applicable): _____

******For Office Use Only******

Date received: _____ Receipt #: _____ Amt Paid: _____ HZC #: _____

January 07, 2020

Murfreesboro Historic Zoning Commission
City of Murfreesboro Planning Department
111 West Vine Street
Murfreesboro, Tennessee 37130

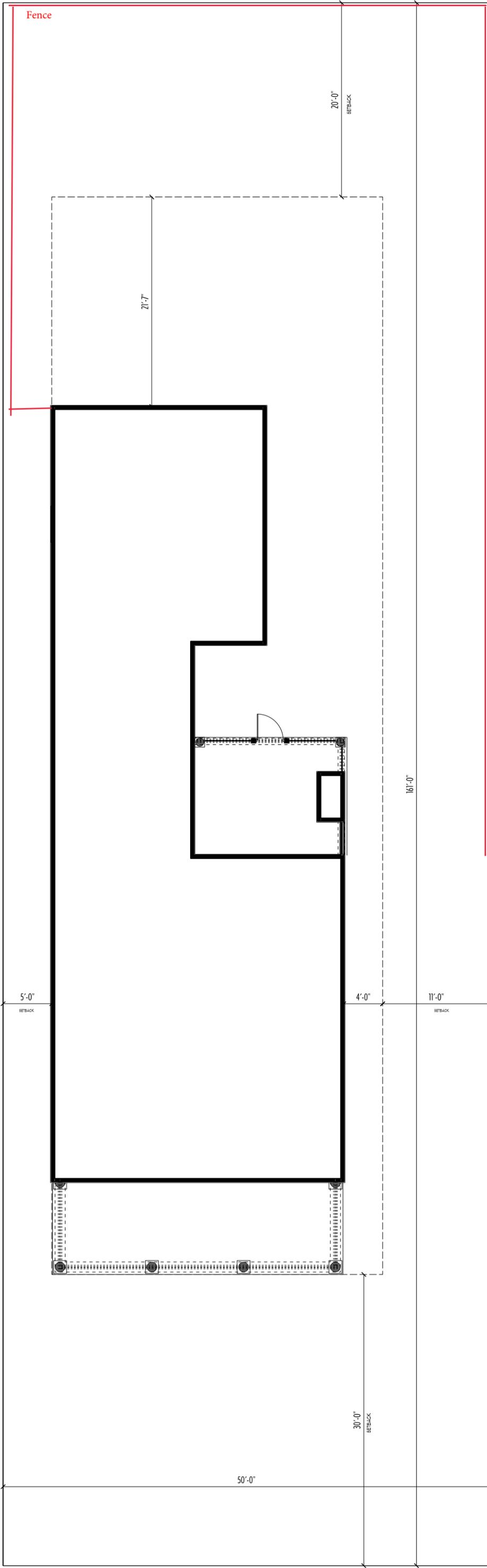
RE: 449 East College Street

Dear Commission,

This application is a request for approval of new construction at 449 East College Street. The proposed structure is a two-story, single-family home totaling 3,277 square feet. Detailed on the elevations page of our application, the Four Square design and material selections match numerous properties within the immediate neighborhood and greater East Main Street Historic Zone. The roof dormer gives the impression of a third floor, yet it is a design element only and opens to unfinished attic space. Despite the deeded right of way into the adjacent property at 451 E. College, we intend to create an independent finished concrete driveway. The proposed design meets all RS-8 District zoning requirements.

Sincerely,

Thomas Holden Jennings



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IN EVERYTHING WE DO.



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Arctic White

HardiePlank®
lap siding
Arctic White



UNMATCHED INVESTMENT IN MANUFACTURING SCALE AND PRODUCT INNOVATION

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- 100+ scientists and engineers provide dedicated resources for continuous innovation in manufacturing and product development
- More U.S. fiber cement patents than any competitor

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Thickness 5/16 in
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Width	5.25 in	6.25 in	7.25 in	8.25 in	9.25 in	12 in
Exposure	4 in	5 in	6 in	7 in	8 in	10.75 in
Prime Pcs/Pallet	360	308	252	230	190	152
ColorPlus Pcs/Pallet	324	280	252	210	—	—
Pcs/Sq	25.0	20.0	16.7	14.3	12.5	9.3



SELECT CEDARMILL®

SELECT CEDARMILL®

Width	5.25 in	6.25 in	7.25 in	8.25 in	9.25 in	12 in
STATEMENT COLLECTION™				✓		
DREAM COLLECTION™	✓	✓	✓	✓		
PRIME	✓	✓	✓	✓	✓	✓

SMOOTH



SMOOTH

Width	5.25 in	6.25 in	7.25 in	8.25 in	9.25 in	12 in
STATEMENT COLLECTION™						
DREAM COLLECTION™	✓	✓	✓	✓		
PRIME	✓	✓	✓	✓	✓	✓

BEADED CEDARMILL®



BEADED SMOOTH



BEADED CEDARMILL® & BEADED SMOOTH

Width	8.25 in	
Exposure	7 in	
Prime Pcs/Pallet	240	STATEMENT COLLECTION™ _____
ColorPlus Pcs/Pallet	210	DREAM COLLECTION™ ✓
Pcs/Sq	14.3	PRIME ✓

CUSTOM COLONIAL ROUGHSAWN®



CUSTOM COLONIAL SMOOTH®



CUSTOM COLONIAL ROUGHSAWN® & CUSTOM COLONIAL SMOOTH®

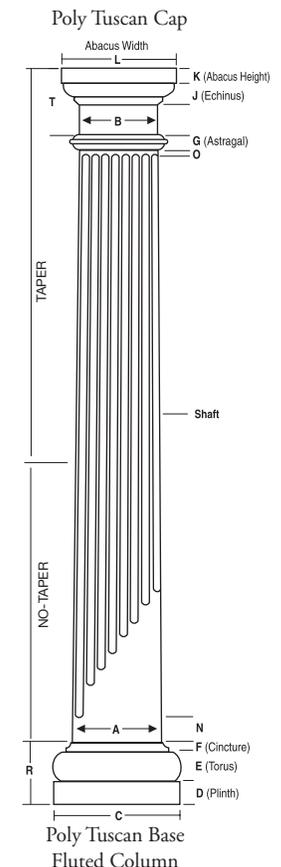
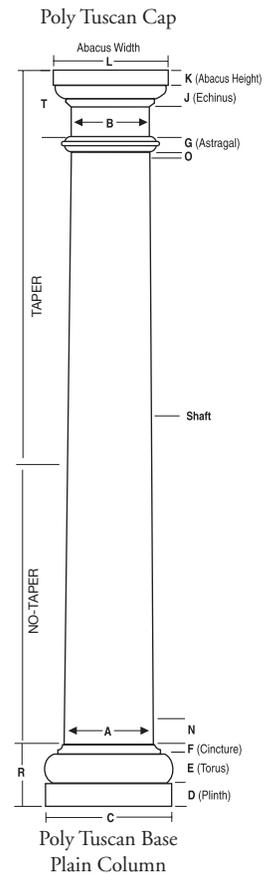
Width	8 in	
Exposure	6.75 in	
Prime Pcs/Pallet	240	STATEMENT COLLECTION™ _____
ColorPlus Pcs/Pallet	216	DREAM COLLECTION™ ✓
Pcs/Sq	14.9	PRIME ✓

Round Tapered **PERMA**Cast® Columns

COL. SIZE	A	B	C	D	E	F	G	J	K	L	O	N	R	T	LENGTHS AVAIL. (ft.)
6"	5 ⁵ / ₈ "	4 ³ / ₈ "	9"	1 ¹ / ₈ "	1 ¹ / ₄ "	5 ⁸ / ₁₆ "	3 ⁴ / ₈ "	1 ¹ / ₄ "	1 ³ / ₈ "	8"	1"	6 ¹ / ₄ "	3 ³ / ₁₆ "	4 ⁷ / ₁₆ "	4,6,8
8"	7 ⁷ / ₈ "	6 ¹ / ₄ "	10 ¹ / ₂ "	1 ⁷ / ₈ "	1 ¹ / ₄ "	3 ⁴ / ₈ "	1 ³ / ₈ "	1 ¹ / ₄ "	1 ¹ / ₂ "	9 ³ / ₄ "	1 ¹ / ₂ "	2 ¹ / ₄ "	4 ³ / ₈ "	4 ¹ / ₂ "	5.6, 8, 10
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12"	11 ³ / ₈ "	9 ³ / ₄ "	16 ¹ / ₂ "	2 ¹ / ₄ "	2 ¹ / ₂ "	7 ⁸ / ₁₆ "	1 ³ / ₈ "	1 ¹ / ₄ "	2 ¹ / ₄ "	13 ³ / ₄ "	3 ⁴ / ₈ "	2 ⁵ / ₈ "	6 ¹ / ₄ "	5 ³ / ₄ "	6.8, 8, 10, 12, 14, 16, 18
14"	13 ³ / ₈ "	11 ³ / ₄ "	19 ¹ / ₂ "	3 ³ / ₈ "	3 ³ / ₄ "	1 ¹ / ₈ "	1"	2"	2 ¹ / ₂ "	17"	7 ⁸ / ₁₆ "	2 ⁵ / ₈ "	7 ³ / ₄ "	7"	8, 9, 10, 12, 14, 16, 18
16"	15 ³ / ₄ "	13 ³ / ₄ "	22"	3 ⁷ / ₈ "	3 ³ / ₄ "	1 ¹ / ₈ "	1 ¹ / ₈ "	2 ¹ / ₄ "	2 ¹ / ₂ "	19 ³ / ₈ "	1"	3"	8 ³ / ₈ "	8"	8, 10, 12, 14, 16, 18, 20
18"	17 ¹ / ₂ "	15 ³ / ₄ "	24 ³ / ₄ "	4"	4"	1 ¹ / ₈ "	1 ¹ / ₈ "	2 ³ / ₄ "	3 ³ / ₄ "	22 ³ / ₈ "	1 ¹ / ₂ "	10 ³ / ₄ "	9 ³ / ₄ "	8 ⁷ / ₈ "	8, 10, 12, 14, 16, 18, 20, 22, 24, 26
20"	19 ¹ / ₂ "	17 ¹ / ₂ "	27"	4 ³ / ₄ "	4 ¹ / ₂ "	2"	1 ¹ / ₈ "	2 ³ / ₄ "	3 ³ / ₄ "	24 ³ / ₁₆ "	1 ¹ / ₂ "	10 ³ / ₄ "	11 ¹ / ₄ "	9"	10, 12, 14, 16, 18, 20, 22, 24
22"	21 ¹ / ₈ "	19 ¹ / ₄ "	30 ¹ / ₄ "	5"	5"	2"	1 ¹ / ₈ "	3"	3 ³ / ₄ "	27 ¹ / ₂ "	1 ¹ / ₂ "	10 ³ / ₄ "	12"	10 ³ / ₄ "	16, 18, 20, 22, 24, 26
24"	23 ³ / ₈ "	21 ¹ / ₄ "	33 ¹ / ₂ "	6"	5 ¹ / ₄ "	2 ¹ / ₄ "	2"	3 ¹ / ₂ "	4"	30 ³ / ₈ "	1 ¹ / ₂ "	10 ³ / ₄ "	13 ¹ / ₂ "	11 ¹ / ₈ "	12, 14, 16, 18, 20, 22, 24, 26, 28, 30
28"	28"	24 ³ / ₄ "	38"	6 ³ / ₄ "	6 ¹ / ₂ "	2 ³ / ₄ "	2 ¹ / ₄ "	3 ³ / ₄ "	4 ³ / ₄ "	33 ³ / ₈ "	1 ¹ / ₂ "	10 ³ / ₄ "	15 ¹ / ₂ "	11 ¹ / ₄ "	20, 22, 24, 26, 28
30"	29 ³ / ₈ "	26 ¹ / ₂ "	41 ¹ / ₈ "	6 ¹ / ₂ "	5 ⁷ / ₈ "	2 ¹ / ₂ "	3"	4"	4 ³ / ₄ "	38 ¹ / ₄ "	1 ¹ / ₂ "	10 ³ / ₄ "	14 ³ / ₄ "	14 ³ / ₄ "	20, 22, 24, 26, 28, 30

*There may be a variance of up to 1/4" in all dimensions. Fluted columns available in all diameters. See page 16 for Parallel dimensions. See page 18 for Decorative Capital dimensions. Standard Fluted Column (Fluted in mold)

• Split columns are not load bearing.



COLUMN-LOC®

Column-Loc® creates a continuous connection from floor to beam/header without the expense of splitting and reattaching the column. This labor saving product is easy to install and delivers wind uplift resistance especially important in coastal and high wind areas. Currently available for 8" and 10" round (tapered and no-taper) and square PermaCast® columns. Kits are available with and without threaded rod in lengths up to 12'.*



ROUND PERMACAST® INSIDE DIMENSIONS

Inside dimension may vary up to 1/8". Splitting a column will decrease inside dimension 1/8".



COLUMN SIZE	TOP I.D.	BOT I.D.
6"	3 ³ / ₈ "	4 ¹ / ₈ "
8"	5 ¹ / ₂ "	6 ¹ / ₈ "
10"	7 ³ / ₈ "	8 ¹ / ₈ "
12"	8 ³ / ₈ "	10 ⁷ / ₈ "
14"	10 ⁷ / ₈ "	12 ⁷ / ₈ "
16"	12 ⁷ / ₈ "	15"
18"	14 ¹ / ₂ "	16 ³ / ₈ "
20"	16 ¹ / ₁₆ "	18 ³ / ₈ "
22"	18 ³ / ₈ "	20 ¹ / ₁₆ "
24"	20"	22 ³ / ₈ "
28"	22 ⁷ / ₈ "	26 ³ / ₄ "
30"	25 ¹ / ₄ "	28 ³ / ₈ "

*Plain columns only

PLUMB-FIT®

To make installation even easier our 6"-12" round and square poly Tuscan Cap and Base Sets with flashing cap come with the Plumb-Fit® patented (Patent 9689674) installation system included.

ROUND PERMACAST® PORCH INSTALLATION BRACKET

The HB&G Porch Installation Bracket includes the bracket and all required hardware. The bracket fits 20" - 30" Plain Round PermaCast® Columns and will secure a 2nd story porch to our PermaCast® Columns. Three brackets are required for each column.



400 SERIES
WINDOWS & DOORS



**THE WINDOW CONTRACTORS
TRUST THE MOST***

* 2018 Contractor Survey of Andersen 400 Series windows.

WOODWRIGHT® DOUBLE-HUNG FULL-FRAME WINDOWS

400 Series
Woodwright® Double-Hung
Full-Frame Windows

SECTION REFERENCE

Tables of Sizes	50-56
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CUSTOM SIZING
in 1/8" (3) increments



Dimensions in parentheses are in millimeters.

WOODWRIGHT® DOUBLE-HUNG FULL-FRAME WINDOWS

FEATURES

Frame

A Perma-Shield® exterior cladding protects the frame – beautifully. Best of all, it's low maintenance and never needs painting.*

B For exceptional long-lasting performance, sill members are constructed with a wood core and a Fibrex® material exterior.

C Natural wood stops are available in pine, oak, maple and prefinished white. Wood jamb liners add beauty and authenticity to the window interior.

D A factory-applied rigid vinyl flange on the head, sill and sides of the outer frame helps secure the unit to the structure.

E Multiple weatherstrip systems help provide a barrier against wind, rain and dust. The combination of spring tension vinyl, rigid vinyl and flexible bulb weatherstrip is efficient and effective.

F For units with white exterior color, exterior jamb liner is white. For all other units, the exterior jamb liner is gray.

Sash

G Balancers in the sash enable contractors to screw through the jamb during installation without interfering with the window's operation.

Wood Jamb Liner



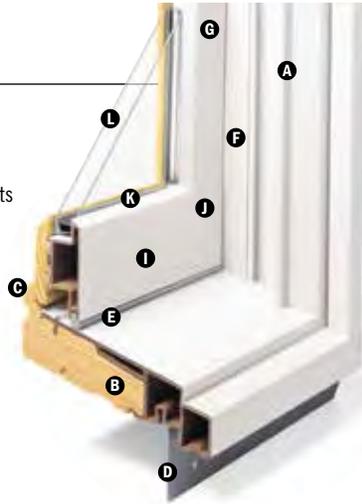
H Natural wood sash interior with classic chamfer detailing. Available in pine, oak, maple or prefinished white.

I Low-maintenance sash exterior provides long-lasting protection and performance. Sash exteriors on most units include Fibrex material.

J Sash joints simulate the look of traditional mortise-and-tenon construction inside and out.

Glass

K Silicone bed glazing provides superior weathertightness and durability.



L High-Performance glass options include:

- Low-E4® glass
- Low-E4 HeatLock® glass
- Low-E4 Sun glass
- Low-E4 SmartSun™ glass
- Low-E4 SmartSun HeatLock glass

Tempered glass and other glass options are available. Contact your Andersen supplier.

A removable translucent film helps shield the glass from damage during delivery and construction and simplifies finishing at the jobsite.

Patterned Glass

Patterned glass options are available. See page 12 for more details.

Hardware



Standard lock and keeper design provides an easy tilt-to-clean feature integrated into the lock.



Performance Grade (PG) Upgrade

Performance upgrades are available for select sizes allowing these units to achieve higher performance ratings. Performance Grade (PG) Ratings are more comprehensive than Design Pressure (DP) Ratings for measuring product performance. Use of this option will subtract 5/8" (16) from clear opening height. Contact your Andersen supplier for availability. For up-to-date performance information of individual products, visit andersenwindows.com.

Visit andersenwindows.com/coastal for more information on Stormwatch Protection.

EXTERIOR



INTERIOR



Naturally occurring variations in grain, color and texture of wood make each window one of a kind. All wood interiors are unfinished unless prefinished white is specified.

HARDWARE FINISHES



Distressed bronze and oil rubbed bronze are "living" finishes that will change with time and use.

DOUBLE-HUNG HARDWARE

STANDARD

Lock & Keeper



Antique Brass | **Black** | Bright Brass
Brushed Chrome | Distressed Bronze
Distressed Nickel | Gold Dust | Oil Rubbed Bronze
Polished Chrome | Satin Nickel | Stone | White

OPTIONAL DOUBLE-HUNG HARDWARE**

TRADITIONAL



Antique Brass | Black | Bright Brass | Brushed Chrome | Distressed Bronze | Distressed Nickel
Gold Dust | **Oil Rubbed Bronze** | Polished Chrome | Satin Nickel | Stone | White

CLASSIC SERIES™



Stone | **White**

CONTEMPORARY



Antique Brass | Black | Bright Brass
Brushed Chrome | Distressed Bronze
Distressed Nickel | Gold Dust
Oil Rubbed Bronze | Polished Chrome
Satin Nickel | Stone | White

ESTATE™



Antique Brass | Bright Brass
Brushed Chrome | Distressed Bronze
Distressed Nickel | Oil Rubbed Bronze
Polished Chrome | **Satin Nickel**

Bold name denotes finish shown.

* Visit andersenwindows.com/warranty for details.

** Hardware sold separately.

Dimensions in parentheses are in millimeters.

Printing limitations prevent exact replication of colors and finishes.

See your Andersen supplier for actual color and finish samples.

Shapes

Woodwright® windows are available in the following shapes.



Double-Hung



Arch Double-Hung



Unequal Leg Arch Double-Hung



Springline™ Single-Hung

Sash Options*



Cottage

Reverse Cottage

For more information about **glass, patterned glass, grilles and TruScene insect screens**, see pages 12-14.

For more information about **combination designs, product performance, installation instructions and accessories**, see pages 181-211 or visit andersenwindows.com.

ACCESSORIES Sold Separately

Frame

Extension Jamb



Standard jamb depth is 4 ½" (114). Extension jambs are available in unfinished pine or prefinished white. Some sizes may be veneered.

Factory-applied and non-applied interior extension jambs are available in ⅛" (1.5) increments between 5 ¼" (133) and 7 ⅞" (181). Extension jambs can be factory-applied to either three sides (stool and apron application) or four sides (picture frame casing).

Pine Stool



A clear pine stool is available and ready for finishing. The Woodwright stool is available in 4 ⅞" (116) for use in wall depths up to 5 ¼" (133), and 6 ⅞" (167) for use in wall depths up to 7 ⅞" (181). Works with 2 ¼" (57) and 2 ½" (64) wide casings. Shown on 400 Series tilt-wash double-hung window.

Hardware

Window Opening Control Device Kit



A Window Opening Control Device Kit is available, which limits sash travel to less than 4" (102) when the window is first opened. Available factory applied or field applied in stone and white.

Security Sensors

Open/Closed Sensors

Wireless open/closed sensors are available in four colors. See page 15 for details.

Storm/Insect Screen Combination Unit**



A self-storing storm window combined with an insect screen provides greater energy efficiency, while allowing ventilation when needed.

Constructed with an aluminum frame, single-pane upper and lower glass panels and charcoal powder-coated aluminum screen mesh. Available in white, Sandtone and Terratone to match product exteriors. Canvas, forest green, dark bronze and black available by special order.

Combination units can improve Sound Transmission Class (STC) and Outdoor Indoor Transmission Class (OITC) ratings. Ideal for projects near airports, busy roadways or other noisy environments. For example, adding a combination unit to a 400 Series tilt-wash double-hung (3862) unit with Low-E4® glass will improve its STC rating from 26 to 32. Contact your Andersen supplier for additional STC and OITC rating information.

Insect Screens

Insect Screen Frames



Choose full insect screen or half insect screen. Half insect screen (shown above) allows ventilation without affecting the view through the upper sash. Frames are available in colors to match product exteriors.

TruScene® Insect Screen

Exclusive Andersen TruScene insect screens provide over 50% more clarity than our conventional insect screens for a beautiful unobstructed view. They allow more fresh air and sunlight in, while doing a better job of keeping out small insects.

Conventional Insect Screen

Conventional insect screens have charcoal powder-coated aluminum screen mesh.

Grilles

Grilles are available in a variety of configurations and widths. For double-hung grille patterns, see page 62.

Exterior Trim

This product is available with Andersen exterior trim. See pages 175-180 for details.

CAUTION:

- Painting and staining may cause damage to rigid vinyl.
- Do not paint 400 Series windows with white, canvas, Sandtone, forest green, dark bronze or black exterior colors.
- Andersen does not warrant the adhesion or performance of homeowner-applied paint over vinyl or other factory-coated surfaces.
- 400 Series windows in Terratone color may be painted any color lighter than Terratone color using quality oil-based or latex paint.
- For vinyl painting instructions and preparation, contact your Andersen supplier.
- Do not paint weatherstrip.
- Creosote-based stains should not come in contact with Andersen products.
- Abrasive cleaners or solutions containing corrosive solvents should not be used on Andersen products.

* Shown on 400 Series tilt-wash double-hung windows.

** Do not add combination units to windows with Low-E4 Sun glass, unless window glass is tempered. Combination units may also reduce the overall clear operable area of the window. See your local code official for egress requirements in your area. Dimensions in parentheses are in millimeters.



GRILLE OPTIONS

Grille patterns are available in widths and configurations to fit any architectural style or the taste of any customer. We can match virtually any existing grille pattern and we'll even work with you and your customers to create custom patterns.



Permanent exterior
Permanent interior
with spacer

FULL DIVIDED LIGHT

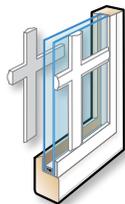
Permanently applied to the exterior and interior of the window with a spacer between the glass.



Permanent exterior
Permanent interior

SIMULATED DIVIDED LIGHT

Permanent grilles on the exterior and interior with no spacer between the glass. We also offer permanent exterior grilles with removable interior grilles.



Permanent exterior
Removable interior



Removable interior

CONVENIENT CLEANING OPTIONS

Removable interior grilles come off for easy cleaning. Finelight™ grilles-between-the-glass are installed between the glass panes and feature a contoured profile in 1" (25) and 3/4" (19) widths.



Finelight
Grilles-
Between-
the-Glass*

GRILLE BAR WIDTHS

Actual size shown.



3/4" (19)



7/8" (22)



1 1/8" (29)



2 1/4" (59)



To see all of the standard patterns available for a specific window, refer to the detailed product sections in this product guide.

* 7/8" (22), 1 1/8" (29) and 2 1/4" (57) not available in Finelight grilles-between-the-glass. Dimensions in parentheses are in millimeters.



FRENCH QUARTER®

ORIGINAL BRACKET

This Bevolo® original was designed in the 1940s by world renowned architect A. Hays Town and Andrew Bevolo Sr. This Original French Quarter® lantern adorns many historic buildings across the country. The light can be used with a wide range of architectural styles. It is available in natural gas, liquid propane, and electric.

Standard Lantern Sizes

Height	Width	Depth
14.0"	9.3"	9.3"
18.0"	10.5"	10.5"
21.0"	11.5"	11.5"
24.0"	13.3"	13.3"
27.0"	14.5"	14.5"
*30"	17.5"	17.5"
*36"	21.5"	21.5"

*Oversized lights are not returnable



SEAMOX[®]

Proudly Serving the Seamless Gutter Industry Since 1972



2019 Product Catalog

PAINT & METAL SELECTION

Backed By Senox's 50 Year Paint Warranty

TRADITIONAL PAINTED ALUMINUM

Factory Baked Finish • Flexible for Roll Forming • Exterior Durability



Colors shown may vary from actual material

ArmerTOUGH PAINTED ALUMINUM

Exclusive Product • Abrasion Resistant • Reduces Appearance of Staining



DuelTone® PAINTED ALUMINUM

Created Through a Specialized Two-Coat Process
High Performance Exterior Finish



129 - Rustic Copper

PREMIUM METALS

3/4 Hard 16 oz. Copper
26 ga. Galvalume Plus Steel



890 - Solid Copper



920 - Galvalume Plus Steel

ShadowBAK
wash coat®
Non-Reflective Disappearing Wash Coat

Found on the Interior of Senox Painted Aluminum Gutters

ShadowBAK® is a washcoat specially formulated by Senox that gives the inside of the gutter a non-reflective finish. The anodized bronze appearance provides the vanishing properties of a black shadow and erases the transition lines from the gutter to the roof.

RECTANGULAR DOWNSPOUTS

Senox rectangular downspouts feature side crimp instead of the usual corner crimp, which allows for a cleaner transition.

2" x 3" x 8'

10 units/box
part # 414324XXX

Available in: 26 Traditional, 1 Duel Tone®, 3 Armor Tough®

3" x 4" x 8'

10 units/box
part #414424XXX

2" x 3" x 10'

10 units/box - Aluminum
5 units/box - Copper & Steel
part # 414325XXX

3" x 4" x 10'

10 units/box - Aluminum
5 units/box - Copper & Steel
part # 414425XXX

4" x 5" x 10'

6 units/box
part # 414525XXX

Available in: 26 Traditional, 1 Duel Tone® (129), 3 Armor Tough®, 16 oz. Solid Copper (890), 26 ga. Galvalume Plus Steel (920)



RECTANGULAR ELBOWS

2" x 3", A or B, 75°

36 pcs/box
A - part # 424327XXX
B - part # 424377XXX

3" x 4", A or B, 75°

20 pcs/box
A - part # 424427XXX
B - part # 424477XXX

4" x 5", A or B, 75°

12 pcs/box
A - part # 424527XXX
B - part # 424577XXX

2" x 3", A, 22.5°

72 pcs/box
part # 424322XXX

3" x 4", A, 22.5°

40 pcs/box
part # 424422XXX

4" x 5", A, 22.5°

12 pcs/box
part # 424522XXX

2" x 3", A, 45°

42 pcs/box
part # 424324XXX

3" x 4", A, 45°

30 pcs/box
part # 424424XXX

4" x 5", A, 45°

12 pcs/box
part # 424524XXX

Available in: 26 Traditional, 1 Duel Tone® (129), 3 Armor Tough®, 16 oz. Solid Copper (890), 26 ga. Galvalume Plus Steel (920)



RECTANGULAR OFFSETS

2" x 3" x 2"

24 pcs/box
part # 434322XXX

2" x 3" x 4"

24 pcs/box
part # 434324XXX

2" x 3" x 6"

24 pcs/box
part # 434326XXX

3" x 4" x 2"

15 pcs/box
part # 434422XXX

3" x 4" x 4"

15 pcs/box
part # 434424XXX

3" x 4" x 6"

15 pcs/box
part # 434426XXX

Available in: 26 Traditional, 1 Duel Tone® (129), 3 Armor Tough®, 16 oz. Solid Copper (890), 26 ga. Galvalume Plus Steel (920)



MADE TO ORDER

If you need a less common bend, we've got you covered!
Custom bend elbows are available upon request.

2" x 3", A or B, 90°

36 pcs/box
A - part # 424329XXX
B - part # 424379XXX

3" x 4", A or B, 90°

18 pcs/box
A - part # 424429XXX
B - part # 424479XXX

2" x 3", B, 45°

42 pcs/box
part # 424374XXX

3" x 4", B, 45°

25 pcs/box
part # 424474XXX

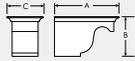
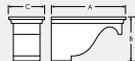
Available in: 30° White (001), 16 oz. Solid Copper (890), 26 ga. Galvalume Plus Steel (920)





Smooth Brackets

Decorative

	Part Number	Projection (A)	Height (B)	Overall Width (C)	
	BKT5X5X9	8 3/4"	5 3/8"	4 7/8"	
	BKT13X6	13 1/4"	5 3/4"	5 7/8"	
	BKT7X6X12	11 1/2"	6 3/4"	5 1/2"	
	BKT8X7X18	18"	7 3/8"	7"	
	BKT8X9X14	14"	8"	9"	

Parts may be required to ship LTL (less than truckload) based on size and overall dimensions.



Amarr® Classica®

Premium Steel Carriage House Garage Doors



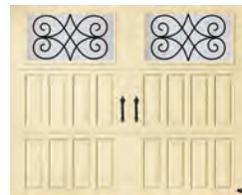
Northampton design with Madeira windows in Walnut with Canterbury handles and hinges

Looks can be deceiving. From a distance, you see wood. Up close, it's sturdy, durable, low-maintenance steel. The Amarr Classica collection of carriage house doors. Precision-shaped doors in fresh, clean, classic carriage house styles that go up and down like traditional garage doors. Three-section tall designs, instead of four, help deliver a more authentic carriage house look. Deception never looked so good.



Santiago design with Madeira windows in True White/Gray with Blue Ridge handles and hinges

Bordeaux with Jardin Windows (B75)



Cortona with Closed Square (C2)



Tuscany with Closed Arch (T1)



Valencia with Seine Windows (V8)

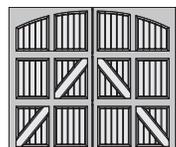


Lucern with Thames Windows (L10)

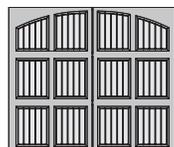


PANEL DESIGNS

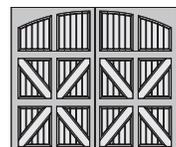
L1 • LUCERN CLOSED ARCH



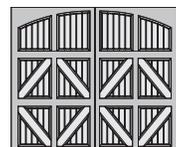
T1 • TUSCANY CLOSED ARCH



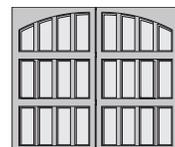
S1 • SANTIAGO CLOSED ARCH



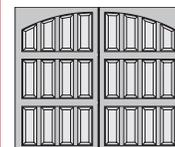
V1 • VALENCIA CLOSED ARCH



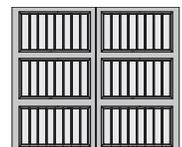
N1 • NORTHAMPTON CLOSED ARCH



B1 • BORDEAUX CLOSED ARCH



C2 • CORTONA CLOSED SQUARE



Illustrations shown are for standard door sizes of 8', 9', 16', and 18' wide and 7' and 8' tall. Check amarr.com for odd width and height door illustrations.

Amarr® Classica®

Construction



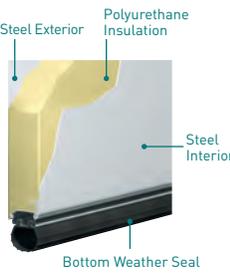
CL1000 Single-Layer: Steel



CL2000 Double-Layer: Steel + Insulation



CL3000 Triple-Layer: Steel + Insulation + Steel



Specifications



	AMARR CLASSICA CL1000	AMARR CLASSICA CL2000	AMARR CLASSICA CL3000
PANEL DESIGNS			
Carriage House	7 Designs	7 Designs	7 Designs
INSULATION		Polystyrene ¹	Polyurethane
R-VALUE²		6.64	13.35
ENERGY EFFICIENCY		Better	Best
QUIET OPERATION		Better	Best
DOOR THICKNESS	2" (5.1cm)	2" (5.1cm)	2" (5.1cm)
INSULATED GLASS OPTION³			•
WIND LOAD³ AVAILABLE	•	•	•
PAINT FINISH WARRANTY⁴	Lifetime	Lifetime	Lifetime
WORKMANSHIP/HARDWARE WARRANTY⁴	3 Years	5 Years	Lifetime

¹ Insulation has passed self-ignition, flamespread and smoke developed index fire testing.

² Calculated door section R-value is in accordance with DASMA TDS-163.

³ It is your responsibility to make sure your garage door meets local building codes. † Price upcharge applies.

⁴ For complete warranty details, visit amarr.com or contact your local Amarr dealer.

Colors Actual paint colors may vary from samples shown.

Amarr® Color Zone

Amarr Color Zone[†]
Over 600 SnapDry™ paint colors. Approved color list is at amarr.com/amarr_color_zone. Check your local Sherwin-Williams store for SnapDry paint chips.

*Odd heights only available in Amarr Classica CL3000.
†Price upcharge applies; odd heights not available.
‡Price upcharge applies.

TWO-TONE PAINT OPTIONS[‡]

PANEL	TRUE WHITE	ALMOND	WICKER TAN	SANDTONE	TERRATONE	CHARCOAL GRAY	DARK BROWN	BLACK
TRUE WHITE	■	■	■	■	■	■	■	■
ALMOND	■	■	■	■	■	■	■	■
WICKER TAN	■	■	■	■	■	■	■	■
SANDTONE	■	■	■	■	■	■	■	■
TERRATONE	■	■	■	■	■	■	■	■
CHARCOAL GRAY	■	■	■	■	■	■	■	■
DARK BROWN	■	■	■	■	■	■	■	■
BLACK	■	■	■	■	■	■	■	■
HUNTER GREEN	■	■	■	■	■	■	■	■
GRAY	■	■	■	■	■	■	■	■

Amarr doors are pre-painted; homeowners can use exterior latex paint for custom colors. Visit amarr.com for painting instructions. Painting your garage door voids the warranty.

Entrematic
165 Carriage Court
Winston-Salem, NC 27105
800.503.DOOR
www.amarr.com



Door specifications and technical data subject to change without notice.

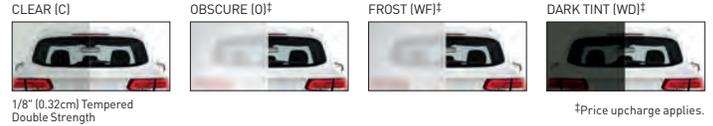
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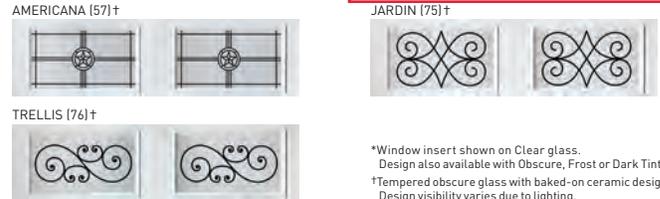
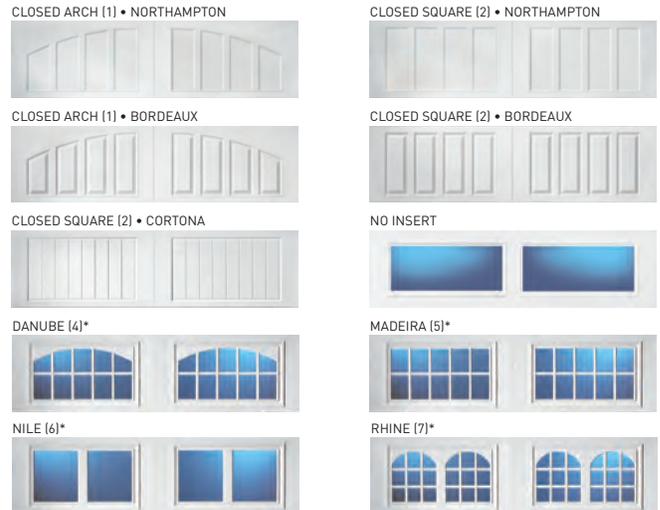
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Glass Options

Insulated glass available in Clear, Frost and Dark Tint.†



Top Sections



*Window insert shown on Clear glass. Design also available with Obscure, Frost or Dark Tint glass.
†Tempered obscure glass with baked-on ceramic design. Design visibility varies due to lighting.

Decorative Hardware





ENTRANCEWAYS

Entranceways

SECTION REFERENCE

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Residential Arch & Rectangular Entry Doors

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Dimensions in parentheses are in millimeters.

CUSTOM SIZING
in 1/8" (3) increments



RESIDENTIAL ENTRY DOORS

FEATURES

Frame

A Heavy-duty extruded aluminum cladding protects the frame exterior, providing low-maintenance durability. Standard cladding finish meets AAMA 2604. An optional finish that meets the AAMA 2605 standard is also available.

Installation flange extends 1 1/2" (38) around three sides of the unit to help properly position the unit in the opening. Installation clips are standard for increased structural anchoring to building members. Mounted around the frame perimeter, the clips rotate into position and can be bent into place against the framing members to suit all jamb conditions.

B Wood frame members are treated with a water-repellent wood preservative for long-lasting protection and performance. Radii are made of laminated continuous veneers. Lineal components are engineered wood with a pine core.

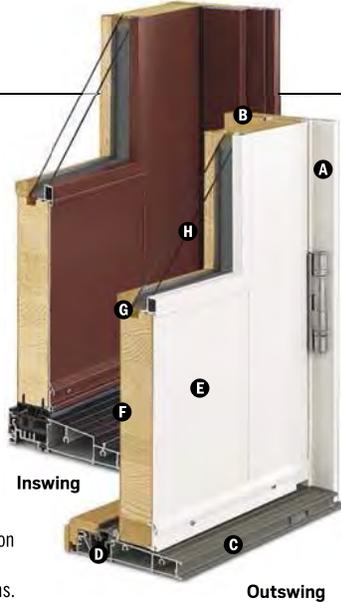
C Extruded aluminum sill is thermally broken and available in painted bronze or gray finish. Innovative sill design provides superior water management. Standard outswing sills have an oak cap. Maple or mahogany** are optional. Inswing sills have an interior wood trim strip to match the interior finish.

D One-piece compression weatherstripping at the frame sides and head protects against air and water infiltration. Flexible thermoplastic sweep is featured at the bottom of the panel on inswing units. Outswing doors also feature a polypropylene rain skirt at the panel sides and top for added protection.

Panel

E Heavy-duty extruded aluminum cladding protects the panel exterior, providing low-maintenance durability. Panels also available without cladding.

F Panel interior surfaces are unfinished wood veneers. Available species are pine, maple, oak, alder, cherry, mahogany** and vertical grain douglas fir.



G Silicone glazing bead combined with two-sided silicone tape provides superior weathertightness.

Glass

H High-Performance glass options include: Low-E4® tempered glass, Low-E4 HeatLock® tempered glass, Low-E4 Sun tempered glass, Low-E4 SmartSun™ tempered glass, Low-E4 SmartSun HeatLock tempered glass. Additional glass options are available. Contact your Andersen supplier.

A removable translucent film helps shield the glass from damage during delivery and construction and simplifies finishing at the jobsite.

Hardware

Multi-Point Locking System/Expanded Offering

Residential entry doors have a multi-point locking option with a hook bolt above and below the center deadbolt. This system provides a weathertight seal and enhanced security. Mix-and-match style and finish options are available to get just the right look inside and out. For style and finish options, see pages 14-15.

Hinges

Ball-bearing hinges are standard on outswing entry doors and are available in stainless steel, dark bronze and white finishes to complement hardware trim sets.

Adjustable hinges are standard on inswing entry doors and have ball-bearing pivots for smooth, frictionless movement. Features easy horizontal and vertical adjustment, plus quick-release feature for easy panel removal. This feature is ideal for transporting large units up stairs or to other hard-to-reach areas.

Gold dust finish is standard on wood interior doors. For units with a prefinished White interior, white finish hinges are standard. Also available in finishes that coordinate with hardware.

Aftermarket Hardware

For hardware purchased separately, doors can be ordered predrilled for easy on-site installation. They can also be specified without hardware drilling.

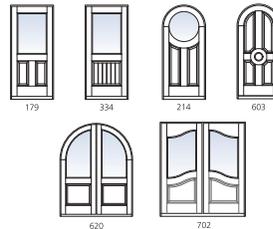
Operation

Inswing and outswing units are available. Choose left-hinged, right-hinged or stationary as viewed from the exterior.

Sill

A low-profile commercial sill is also available. See page 207 for more details.

Panel Designs



For additional panel design ideas, visit andersenwindows.com/entrydoors.

ACCESSORIES Sold Separately

Frame

Extension Jamb

Inswing and outswing standard jamb depth is 4 5/8" (116). Inswing is also available in a 6 5/8" (167) jamb depth. Interior extension jamba are available in 1/8" (1.5) increments between 4 5/8" (116) and 7 1/8" (181).

Additional dimensions are available. Contact your Andersen supplier for more information.

Interior extension jamba on inswing units will restrict the full opening of the door.

Casings

Curved interior casings are available in the same profiles as other Andersen® products. Curved exterior aluminum and wood casings are available in matching radii and a variety of profiles.

Hardware

Handle Extension

Handle extensions extend interior door handles an additional 1" (25) from the door panel to accommodate interior blinds or shades. A second extender may be added to the spindle to increase the length an additional 1" (25) to a 2" (51) total extension. Extenders and spindles are sold separately. Extenders are available in finishes that coordinate with hardware.

Exterior Keyed Lock

A six-pin key cylinder lock is available in styles and finishes that coordinate with hardware. This lock allows the door to be locked and unlocked from the exterior.

Hardware Options†

See pages 14-15 for hardware styles and finish options, including new FSB® hardware.

Grilles

Grilles are available in a variety of configurations and widths.

Art Glass

Decorative insulated art glass designs are available.

EXTERIOR



* Visit andersenwindows.com/warranty for details.

** Actual wood is Sapele, a non-endangered species of mahogany, grown in Africa, with color and characteristics similar to American mahoganies.

† Hardware sold separately.

"FSB" is a registered trademark of Franz Schneider Brakel GmbH & Co.

EXTERIOR / INTERIOR

WOOD SPECIES (Additional species available)



Naturally occurring variations in grain, color and texture of wood make each door one-of-a-kind. All wood interiors are unfinished unless a painted option is specified.

INTERIOR

PAINTED OPTIONS



Dimensions in parentheses are in millimeters. Printing limitations prevent exact duplication of colors and finishes. See your Andersen supplier for actual color and finish samples.



LP So

Window

- 1/2" thick

Walls/

- 1/2" thick
- 1/2" thick
- 1/2" thick
- 1/2" thick
- 1/2" thick