

Docket Item # 3 & #4
BAR CASE # 2016-00449 &
2016-00450

BAR Meeting
October 25, 2017

ISSUE: Permit to Demolish and Certificate of Appropriateness

APPLICANT: Wayne and Sherrill Neale

LOCATION: 405 North Alfred Street

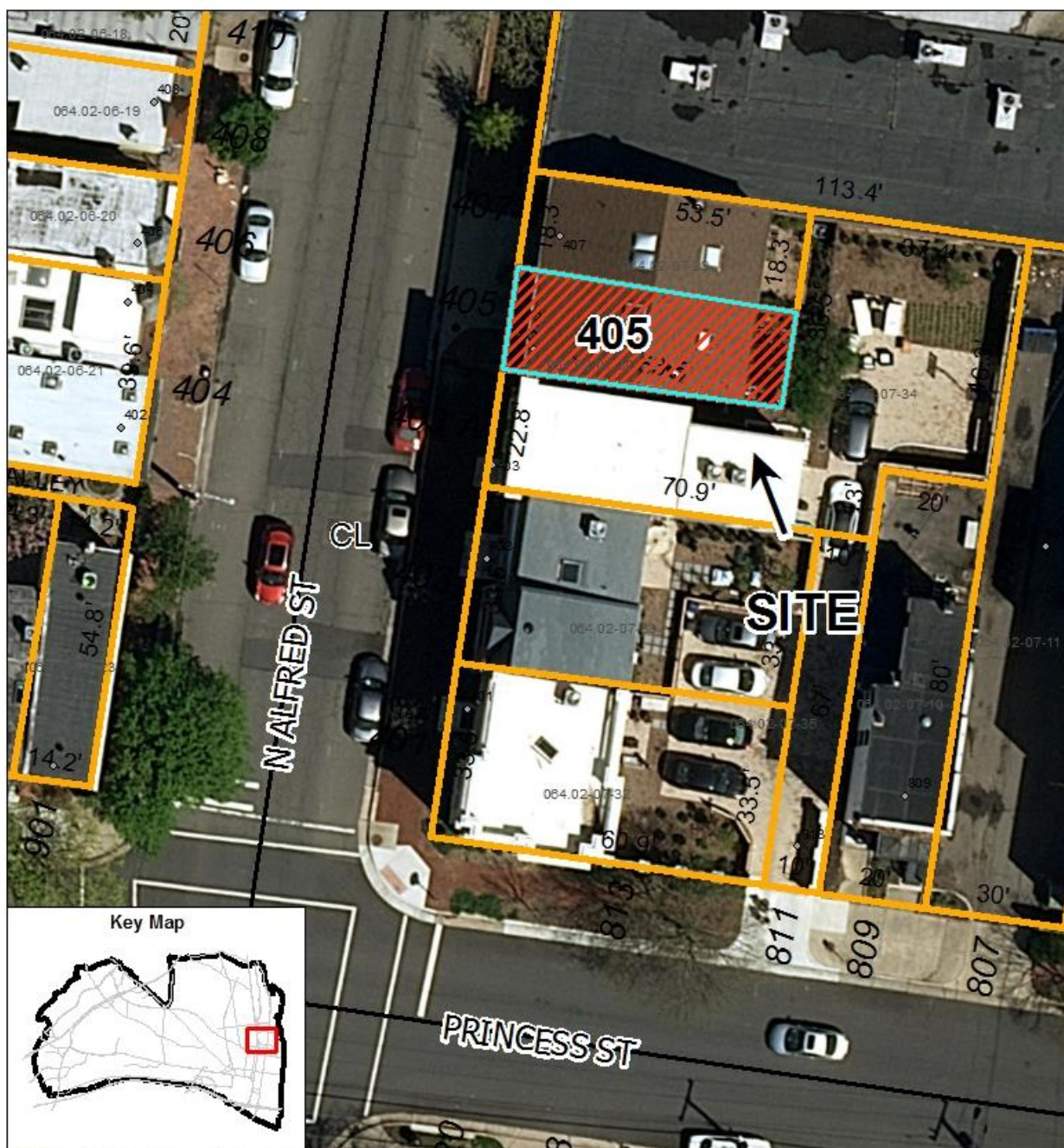
ZONE: CL/Commercial Low

STAFF RECOMMENDATION

Staff recommends approval of the Permit to Demolish and Certificate of Appropriateness with the condition that the proposed French style casement window is replaced with a single double-hung window or smaller casement, similar in proportion to the existing windows below.

GENERAL NOTES TO THE APPLICANT

1. **ISSUANCE OF CERTIFICATES OF APPROPRIATENESS AND PERMITS TO DEMOLISH:** Applicants must obtain a stamped copy of the Certificate of Appropriateness or Permit to Demolish PRIOR to applying for a building permit. Contact BAR Staff, Room 2100, City Hall, 703-746-3833, or preservation@alexandriava.gov for further information.
2. **APPEAL OF DECISION:** In accordance with the Zoning Ordinance, if the Board of Architectural Review denies or approves an application in whole or in part, the applicant or opponent may appeal the Board's decision to City Council on or before 14 days after the decision of the Board.
3. **COMPLIANCE WITH BAR POLICIES:** All materials must comply with the BAR's adopted policies unless otherwise specifically approved.
4. **BUILDING PERMITS:** Most projects approved by the Board of Architectural Review require the issuance of one or more construction permits by Building and Fire Code Administration (including signs). The applicant is responsible for obtaining all necessary construction permits after receiving Board of Architectural Review approval. Contact Code Administration, Room 4200, City Hall, 703-838-4360 for further information.
5. **EXPIRATION OF APPROVALS NOTE:** In accordance with Sections 10-106(B) and 10-206(B) of the Zoning Ordinance, any official Board of Architectural Review approval will expire 12 months from the date of issuance if the work is not commenced and diligently and substantially pursued by the end of that 12-month period.
6. **HISTORIC PROPERTY TAX CREDITS:** Applicants performing extensive, certified rehabilitations of historic properties may separately be eligible for state and/or federal tax credits. Consult with the Virginia Department of Historic Resources (VDHR) prior to initiating any work to determine whether the proposed project may qualify for such credits.



**BAR#2016-00449 &
BAR #2016-00450
405 N Alfred Street**



Note: *Staff coupled the applications for a Permit to Demolish (BAR #2016-0449) and Certificate of Appropriateness (BAR #2016-0450) for clarity and brevity.*

I. ISSUE

The applicant is requesting approval of a Permit to Demolish for the removal of a 4' by 9' (36 square feet) section of the front gable roof slope and a Certificate of Appropriateness for the construction of a single dormer. The hipped roof dormer will have an aluminum clad French casement window and will have Hardi brand fiber cement siding and trim. The roof will have three-tab asphalt shingles to match the shingles on the main roof.

The application for the current proposal was submitted in late 2016 but during the review process it was determined that the project required a Special Use Permit (SUP) for additional building height as well as a front yard setback modification due to the commercial zoning of the property. The SUP was approved by City Council on October 14, 2017.

HISTORY

In February **1978**, the Board of Zoning Appeals (BZA) approved BZA Case #1695 for the construction of two semi-detached, two-family dwellings at 405 and 407 North Alfred Street. The variance allowed for the construction of the dwellings on the front property line, in line with neighboring properties, rather than setback 20 feet from the front property line as required in the C-2 zone. The property is now zoned CL zone but the same setbacks apply. The townhouses were constructed before the creation of the Parker-Gray District in 1983.

The contemporary, three-story, three-bay brick townhouse has segmental arches over the entry door and two-car garage on the first level, and above the three one-over-one double-hung windows on each of the second and third stories. Although the segmental arches above the fenestration and one-over-one windows are late Victorian motifs, the side gable roof would typically have only been used on a townhouse constructed prior to the Civil War, so the architectural style of this structure is ambiguous. The subject property is considered a *Later* (post 1931) building in the Parker-Gray District.

In 2010, the BAR approved the installation of a metal garage door (BAR CASE # 2010-0075).

ANALYSIS

Permit to Demolish

In considering a Permit to Demolish, the Board must consider the following criteria set forth in the Zoning Ordinance, §10-205(B):

Standard	Description of Standard	Standard Met?
(1)	Is the building or structure of such architectural or historic interest that its removal would be to the detriment of the public interest?	No
(2)	Is the building or structure of such interest that it could be made into an historic shrine?	No
(3)	Is the building or structure of such old and	No

	unusual or uncommon design, texture and material that it could not be reproduced or be reproduced only with great difficulty?	
(4)	Would retention of the building or structure help preserve and protect an historic place or area of historic interest in the city?	No
(5)	Would retention of the building or structure promote the general welfare by maintaining and increasing real estate values, generating business, creating new positions, attracting tourists, students, writers, historians, artists and artisans, attracting new residents, encouraging study and interest in American history, stimulating interest and study in architecture and design, educating citizens in American culture and heritage and making the city a more attractive and desirable place to live?	No
(6)	Would retention of the building or structure help maintain the scale and character of the neighborhood?	No

Staff has no objection to the proposed demolition of a portion of the front roof slope for the installation of a dormer. The house dates to the late 20th century and there will be no loss of material of such old and unusual or uncommon design, texture and material that it could not be reproduced or be reproduced only with great difficulty. Staff recommends approval of the Permit to Demolish.

Certificate of Appropriateness

With respect to dormers, the BAR's *Design Guidelines* chapter on dormers recommends that: "The style of the dormer should be appropriate to the architectural style of the existing structure." The *Guidelines* specifically note that "Dormers should match the existing proportions of the building and the windows. Historic dormers are generally tall and narrow with minimal trim at the sides of the windows." Finally, the *Guidelines* recommend that "... new dormers should align with the existing windows or be centered between the windows."

Dormers on a Georgian or Federal period townhouse would normally be tall and thin with a single window below a front gable dormer roof (Figures 1 & 2). The dormers would align with the windows or the piers between the windows on the façade below. Victorian and Colonial Revival style buildings began to have double window dormers but these, too, would generally be symmetrically balanced and relate to the fenestration below. As the applicant has indicated, dormers that don't align with the windows below are also present in the historic district, though most likely added after the original period of construction and on vernacular construction. While staff would prefer a symmetrically aligned dormer, the direct frontal view is limited and the minimal offset proposed will be insignificant enough that it will likely not be perceived from the street (Figure 3).



Figure 1: 711 Princess



Figure 2: 220 N Washington, Lloyd House

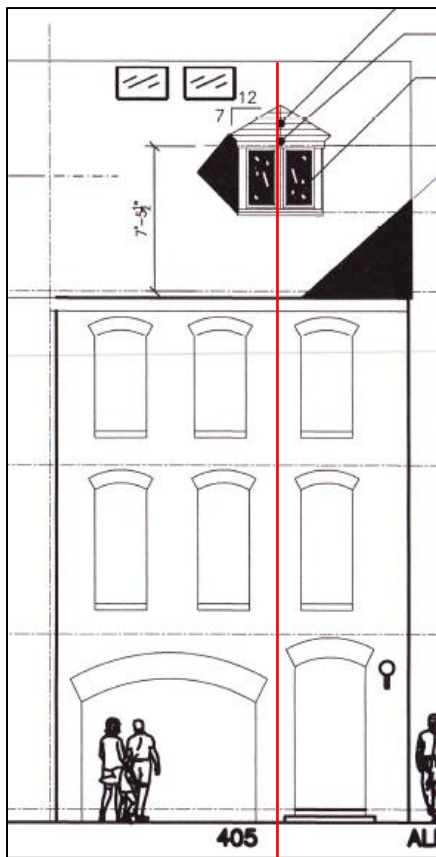


Figure 3: Front elevation showing a small amount of off-set

Staff finds the proportions of the proposed hipped roof dormer with French casement-style window to be somewhat squat for the strong vertical proportions of the house. Hipped dormers are more commonly found on houses where the main roof is hipped, while gable dormers are typical for this style of townhouse. However, the hipped dormer roof will reduce the visibility of the dormer mass from the street below, so staff supports its use in this particular case. The proposed modern materials used on the dormer are consistent with the Board's adopted *Residential Referenced Guide*.

Staff does not support the installation of the wide casement style window on the dormer because it is stylistically incompatible with the double-hung windows below and only draws greater attention to the squat proportions of the dormer. Instead, staff recommends a slightly taller window or a narrower French-style casement window. However, staff has no strong objection to the proposed paired window dormer, as this is a modern structure and, as noted previously, the overall style is somewhat ambiguous.

Please note that the City Council approval of the SUP for additional height requires that “The design of the dwelling shall be substantially consistent with the illustrations submitted...” and any alterations the dormer cannot exceed the SUP approved 36’ height.

With the condition noted above, staff recommends approval of the application.

STAFF

Stephanie Sample, Historic Preservation Planner, Planning & Zoning
Al Cox, FAIA, Historic Preservation Manager, Planning & Zoning

II. CITY DEPARTMENT COMMENTS

Legend: C- code requirement R- recommendation S- suggestion F- finding

Zoning Comments

F-1 On October 14, 2017 City Council approved Special Use Permit #2017-0088 for additional building height and for a front yard setback modification to add a dormer to the roof of an existing semi-detached, two-family dwelling.

C-1 Proposed scope of work must comply with all terms and conditions of Special Use Permit #2017-0088.

Code Administration

C-1 A building permit, plan review and inspections are required to construct a roof dormer.

Transportation and Environmental Services

R-1 R1. The building permit must be approved and issued prior to the issuance of any permit for demolition. (T&ES)

R-2 Applicant shall be responsible for repairs to the adjacent city right-of-way if damaged during construction activity. (T&ES)

R-3 No permanent structure may be constructed over any existing private and/or public utility easements. It is the responsibility of the applicant to identify any and all existing easements on the plan. (T&ES)

F-1 Previously reviewed under [BAR2010-00075] (T&ES)

- F-2 After review of the information provided, an approved grading plan is not required at this time. Please note that if any changes are made to the plan it is suggested that T&ES be included in the review. (T&ES)
- F-3 If the alley located at the rear of the parcel is to be used at any point of the construction process the following will be required:
For a Public Alley - The applicant shall contact T&ES, Construction Permitting & Inspections at (703) 746-4035 to discuss any permits and accommodation requirements that will be required.
For a Private Alley - The applicant must provide proof, in the form of an affidavit at a minimum, from owner of the alley granting permission of use. (T&ES)
- C-1 The applicant shall comply with the City of Alexandria's Solid Waste Control, Title 5, Chapter 1, which sets forth the requirements for the recycling of materials (Sec. 5-1-99). (T&ES)
- C-2 The applicant shall comply with the City of Alexandria's Noise Control Code, Title 11, Chapter 5, which sets the maximum permissible noise level as measured at the property line. (T&ES)
- C-3 Roof, surface and sub-surface drains be connected to the public storm sewer system, if available, by continuous underground pipe. Where storm sewer is not available applicant must provide a design to mitigate impact of stormwater drainage onto adjacent properties and to the satisfaction of the Director of Transportation & Environmental Services. (Sec.5-6-224) (T&ES)
- C-4 All secondary utilities serving this site shall be placed underground. (Sec. 5-3-3) (T&ES)
- C-5 Any work within the right-of-way requires a separate permit from T&ES. (Sec. 5-2) (T&ES)
- C-6 All improvements to the city right-of-way such as curbing, sidewalk, driveway aprons, etc. must be city standard design. (Sec. 5-2-1) (T&ES)

IV. ATTACHMENTS

- 1 – Application for BAR 2016-0449 & 2016-0450: 405 North Alfred Street*
2 – Supplemental Materials

BAR Case # 2016-00449 & 00450

ADDRESS OF PROJECT: 405 NTH ALFRED STREET
 TAX MAP AND PARCEL: 064.02-07-30 ZONING: CL

APPLICATION FOR: *(Please check all that apply)*

- ☒ CERTIFICATE OF APPROPRIATENESS
- ☐ PERMIT TO MOVE, REMOVE, ENCAPSULATE OR DEMOLISH
(Required if more than 25 square feet of a structure is to be demolished/impacted)
- ☐ WAIVER OF VISION CLEARANCE REQUIREMENT and/or YARD REQUIREMENTS IN A VISION
 CLEARANCE AREA (Section 7-802, Alexandria 1992 Zoning Ordinance)
- ☐ WAIVER OF ROOFTOP HVAC SCREENING REQUIREMENT
 (Section 6-403(B)(3), Alexandria 1992 Zoning Ordinance)

Applicant: ☒ Property Owner ☐ Business *(Please provide business name & contact person)*Name: WAYNE A. & SHERRILL R. NEALEAddress: 405 N. ALFRED ST.City: ALEX. State: VA Zip: 22314Phone: 703 548 3055 E-mail: wayneneale@outlook.comAuthorized Agent *(if applicable)*: ☐ Attorney ☒ Architect ☐ _____Name: NEALE ARCHITECTS, LLCPhone: 703.600.0037E-mail: Wayne.neale@outlook.com

Legal Property Owner:

Name: SAME AS ABOVE

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ E-mail: _____

- ☐ Yes ☒ No Is there an historic preservation easement on this property?
- ☐ Yes ☒ No If yes, has the easement holder agreed to the proposed alterations?
- ☐ Yes ☒ No Is there a homeowner's association for this property?
- ☐ Yes ☒ No If yes, has the homeowner's association approved the proposed alterations?

If you answered yes to any of the above, please attach a copy of the letter approving the project.

NATURE OF PROPOSED WORK: *Please check all that apply*

- ☐ NEW CONSTRUCTION
☒ EXTERIOR ALTERATION: *Please check all that apply.*
 ☐ awning ☐ fence, gate or garden wall ☐ HVAC equipment ☐ shutters
 ☐ doors ☐ windows ☐ siding ☐ shed
 ☐ lighting ☐ pergola/trellis ☐ painting unpainted masonry
 ☒ other DORMER
☐ ADDITION
☐ DEMOLITION/ENCAPSULATION
☐ SIGNAGE

DESCRIPTION OF PROPOSED WORK: *Please describe the proposed work in detail (Additional pages may be attached).*

ROOF DORMER (39 S.F.)

SUBMITTAL REQUIREMENTS:

Items listed below comprise the **minimum supporting materials** for BAR applications. Staff may request additional information during application review. Please refer to the relevant section of the *Design Guidelines* for further information on appropriate treatments.

Applicants must use the checklist below to ensure the application is complete. Include all information and material that are necessary to thoroughly describe the project. Incomplete applications will delay the docketing of the application for review. Pre-application meetings are required for all proposed additions. All applicants are encouraged to meet with staff prior to submission of a completed application.

Electronic copies of submission materials should be submitted whenever possible.

Demolition/Encapsulation : *All applicants requesting 25 square feet or more of demolition/encapsulation must complete this section. Check N/A if an item in this section does not apply to your project.*

- ☐ N/A ☒ Survey plat showing the extent of the proposed demolition/encapsulation.
☒ ☐ Existing elevation drawings clearly showing all elements proposed for demolition/encapsulation.
☒ ☐ Clear and labeled photographs of all elevations of the building if the entire structure is proposed to be demolished.
☐ ☒ Description of the reason for demolition/encapsulation.
☐ ☒ Description of the alternatives to demolition/encapsulation and why such alternatives are not considered feasible.

Additions & New Construction: Drawings must be to scale and should not exceed 11" x 17" unless approved by staff. All plans must be folded and collated into 3 complete 8 1/2" x 11" sets. Additional copies may be requested by staff for large-scale development projects or projects fronting Washington Street. Check N/A if an item in this section does not apply to your project.

- ☐ ☐ N/A Scaled survey plat showing dimensions of lot and location of existing building and other structures on the lot, location of proposed structure or addition, dimensions of existing structure(s), proposed addition or new construction, and all exterior, ground and roof mounted equipment.
- ☐ ☐ FAR & Open Space calculation form.
- ☐ ☐ Clear and labeled photographs of the site, surrounding properties and existing structures, if applicable.
- ☐ ☐ Existing elevations must be scaled and include dimensions.
- ☐ ☐ Proposed elevations must be scaled and include dimensions. Include the relationship to adjacent structures in plan and elevations.
- ☐ ☐ Materials and colors to be used must be specified and delineated on the drawings. Actual samples may be provided or required.
- ☐ ☐ Manufacturer's specifications for materials to include, but not limited to: roofing, siding, windows, doors, lighting, fencing, HVAC equipment and walls.
- ☐ ☐ For development site plan projects, a model showing mass relationships to adjacent properties and structures.

Signs & Awnings: One sign per building under one square foot does not require BAR approval unless illuminated. All other signs including window signs require BAR approval. Check N/A if an item in this section does not apply to your project.

- ☐ ☐ N/A Linear feet of building: Front: _____ Secondary front (if corner lot): _____.
- ☐ ☐ Square feet of existing signs to remain: _____.
- ☐ ☐ Photograph of building showing existing conditions.
- ☐ ☐ Dimensioned drawings of proposed sign identifying materials, color, lettering style and text.
- ☐ ☐ Location of sign (show exact location on building including the height above sidewalk).
- ☐ ☐ Means of attachment (drawing or manufacturer's cut sheet of bracket if applicable).
- ☐ ☐ Description of lighting (if applicable). Include manufacturer's cut sheet for any new lighting fixtures and information detailing how it will be attached to the building's facade.

→ **Alterations:** Check N/A if an item in this section does not apply to your project.

- ☒ ☐ N/A Clear and labeled photographs of the site, especially the area being impacted by the alterations, all sides of the building and any pertinent details.
- ☒ ☐ Manufacturer's specifications for materials to include, but not limited to: roofing, siding, windows, doors, lighting, fencing, HVAC equipment and walls.
- ☒ ☐ Drawings accurately representing the changes to the proposed structure, including materials and overall dimensions. Drawings must be to scale.
- ☐ ☒ An official survey plat showing the proposed locations of HVAC units, fences, and sheds.
- ☐ ☒ Historic elevations or photographs should accompany any request to return a structure to an earlier appearance.

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ALL APPLICATIONS: *Please read and check that you have read and understand the following items:*

- ☒ I have submitted a filing fee with this application. (Checks should be made payable to the City of Alexandria. Please contact staff for assistance in determining the appropriate fee.)
- ☒ I understand the notice requirements and will return a copy of the three respective notice forms to BAR staff at least five days prior to the hearing. If I am unsure to whom I should send notice I will contact Planning and Zoning staff for assistance in identifying adjacent parcels.
- ☒ I, the applicant, or an authorized representative will be present at the public hearing.
- ☒ I understand that any revisions to this initial application submission (including applications deferred for restudy) must be accompanied by the BAR Supplemental form and 3 sets of revised materials.

The undersigned hereby attests that all of the information herein provided including the site plan, building elevations, prospective drawings of the project, and written descriptive information are true, correct and accurate. The undersigned further understands that, should such information be found incorrect, any action taken by the Board based on such information may be invalidated. The undersigned also hereby grants the City of Alexandria permission to post placard notice as required by Article XI, Division A, Section 11-301(B) of the 1992 Alexandria City Zoning Ordinance, on the property which is the subject of this application. The undersigned also hereby authorizes the City staff and members of the BAR to inspect this site as necessary in the course of research and evaluating the application. The applicant, if other than the property owner, also attests that he/she has obtained permission from the property owner to make this application.

APPLICANT OR AUTHORIZED AGENT:Signature: Wayne NealePrinted Name: WAYNE NEALEDate: 12.16.16

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OWNERSHIP AND DISCLOSURE STATEMENT

Use additional sheets if necessary

1. Applicant. State the name, address and percent of ownership of any person or entity owning an interest in the applicant, unless the entity is a corporation or partnership, in which case identify each owner of more than three percent. The term ownership interest shall include any legal or equitable interest held at the time of the application in the real property which is the subject of the application.

Name	Address	Percent of Ownership
1. WAYNE NEALE	405 N. ALFRED ST.	50%
2. SHERRILL NEALE	"	50%
3.		

2. Property. State the name, address and percent of ownership of any person or entity owning an interest in the property located at _____ (address), unless the entity is a corporation or partnership, in which case identify each owner of more than three percent. The term ownership interest shall include any legal or equitable interest held at the time of the application in the real property which is the subject of the application.

Name	Address	Percent of Ownership
1. SAME AS ABOVE		
2.		
3.		

3. Business or Financial Relationships. Each person or entity listed above (1 and 2), with an ownership interest in the applicant or in the subject property is required to disclose any business or financial relationship, as defined by Section 11-350 of the Zoning Ordinance, existing at the time of this application, or within the 12-month period prior to the submission of this application with any member of the Alexandria City Council, Planning Commission, Board of Zoning Appeals or either Boards of Architectural Review.

Name of person or entity	Relationship as defined by Section 11-350 of the Zoning Ordinance	Member of the Approving Body (i.e. City Council, Planning Commission, etc.)
1. N/A		
2. WAYNE NEALE	None	N/A
3. SHERRILL NEALE	None	N/A

NOTE: Business or financial relationships of the type described in Sec. 11-350 that arise after the filing of this application and before each public hearing must be disclosed prior to the public hearings.

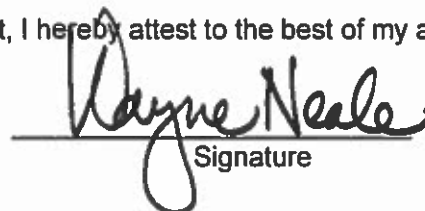
As the applicant or the applicant's authorized agent, I hereby attest to the best of my ability that the information provided above is true and correct.

12.10.16

Date

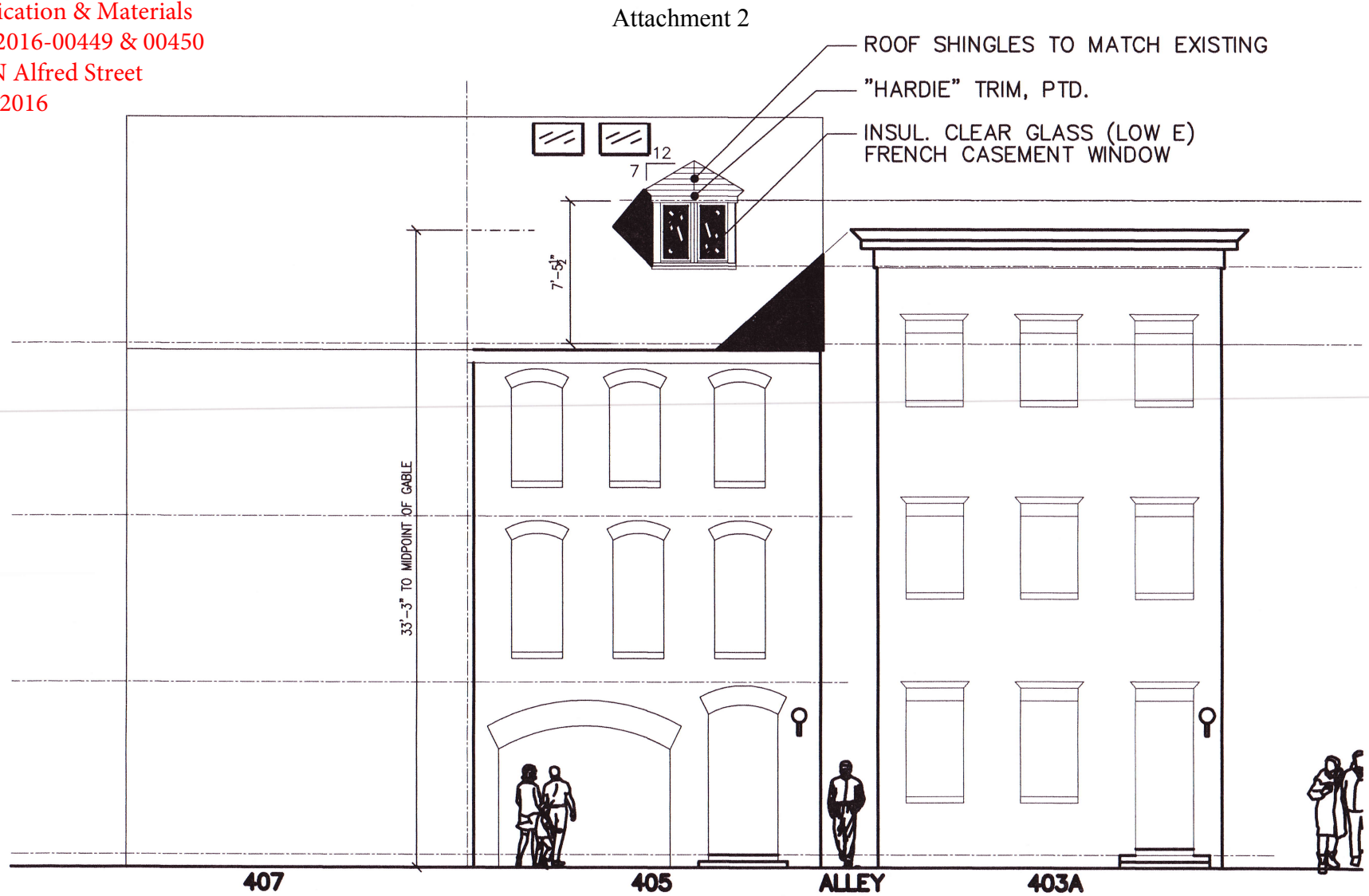
WAYNE NEALE

Printed Name



Signature

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1/18/2016



NORTH ALFRED STREET ELEVATION

1/8"=1'-0"

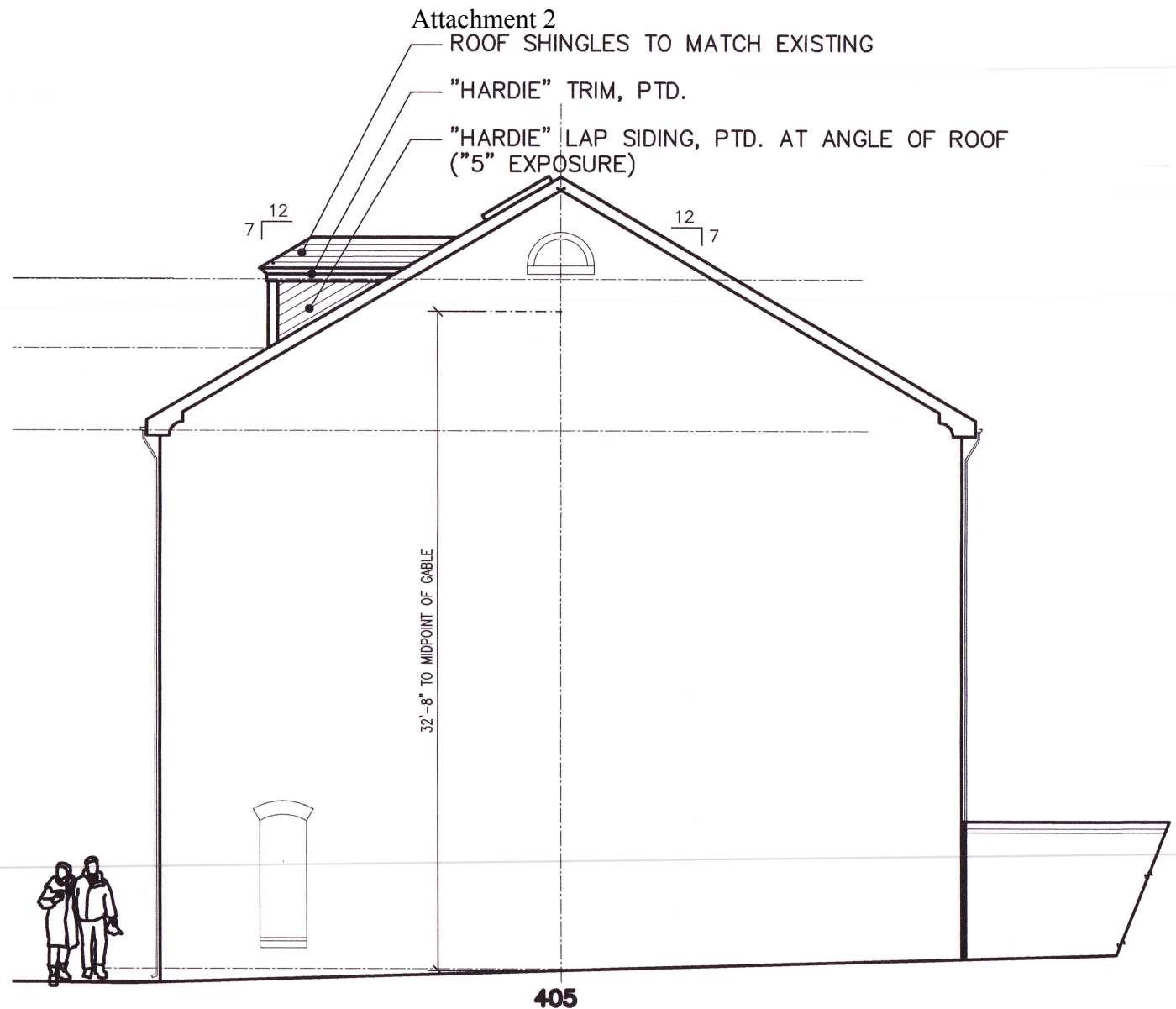
ALTERATIONS TO NEALE RESIDENCE

SCALE AS NOTED
12.12.16
01.15.17 REV

405 NORTH ALFRED STREET
16.003

NEALE ARCHITECTS, LLC

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1/18/2016



SOUTH (ALLEY) ELEVATION

1/8"=1'-0"

B

ALTERATIONS TO NEALE RESIDENCE

SCALE AS NOTED
12.12.16
01.15.17 REV

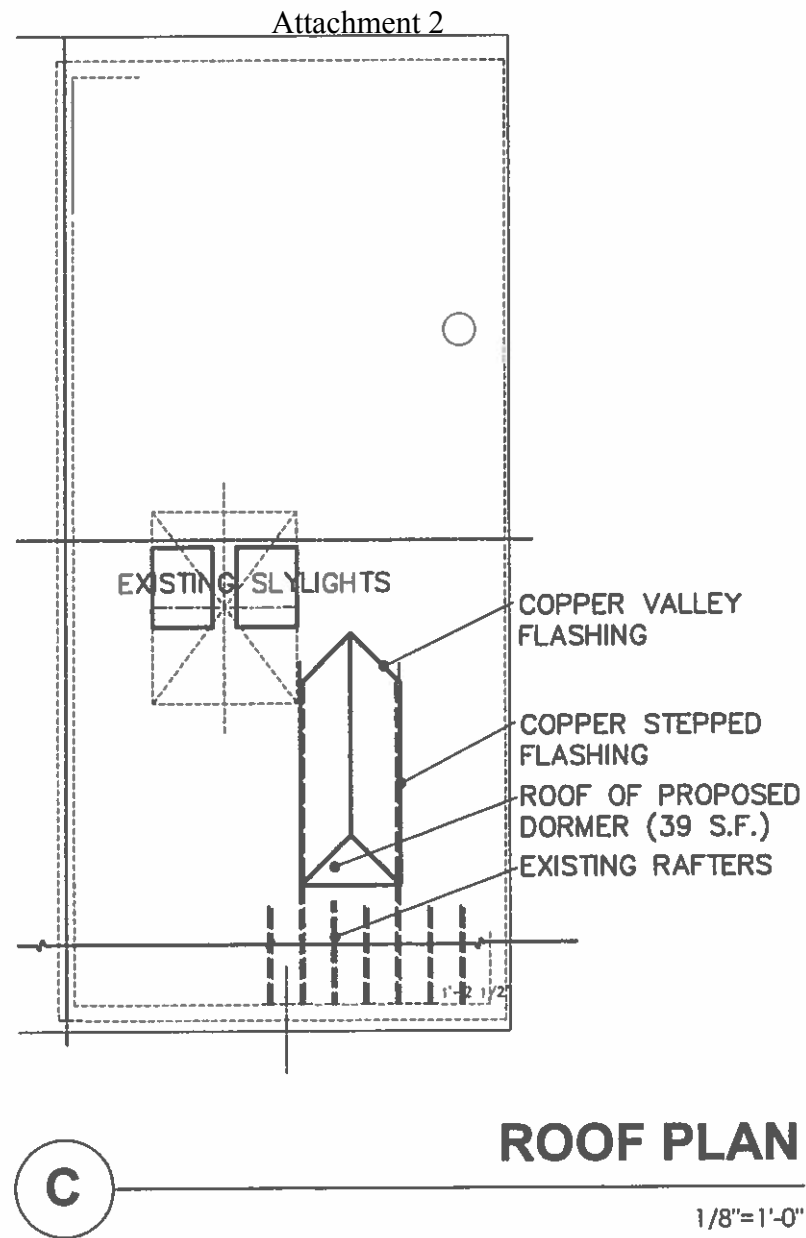
405 NORTH ALFRED STREET

16.003

14

NEALE ARCHITECTS, LLC

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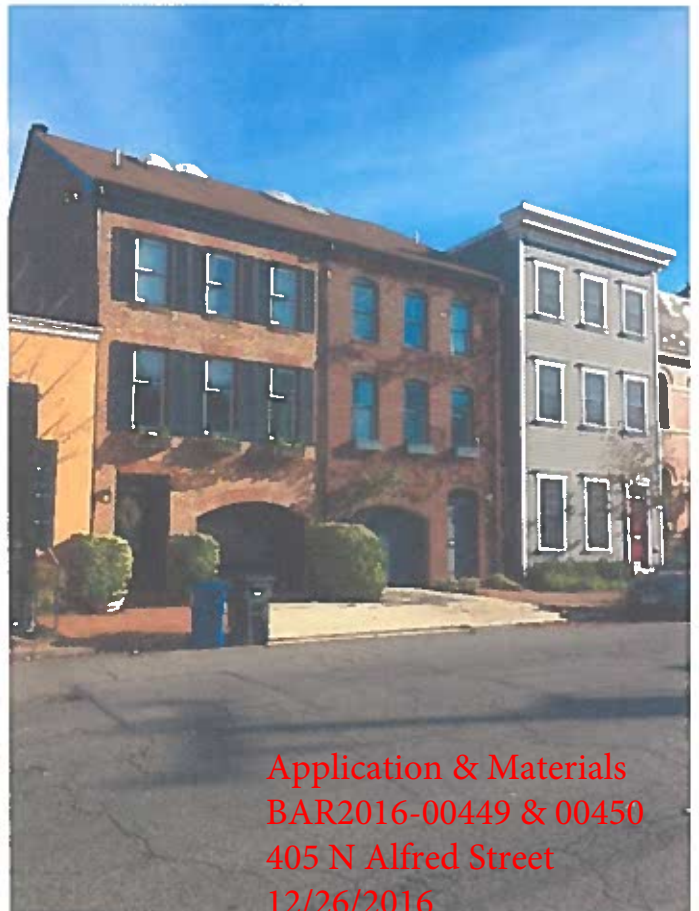


ALTERATIONS TO NEALE RESIDENCE

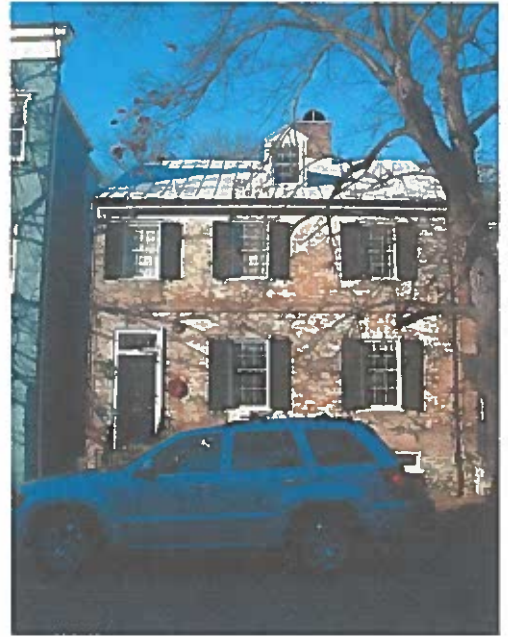
SCALE AS NOTED
12.12.16

405 NORTH ALFRED STREET
16.003

NEALE ARCHITECTS, LLC



Attachment 2



Application & Materials
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BUILT AROUND
**LASTING VALUE YOU'LL ENJOY
FOR YEARS TO COME.**

The value of any Marvin® window or door goes far beyond the quality of its materials and construction. Marvin windows and doors are built to last, and function as beautifully as the day they were installed, long into the future. Each piece is crafted with wood interiors and exteriors that feature wood or durable, long-lasting extruded aluminum cladding. The same effort and attention to detail that we put into crafting our exceptional products, we put into providing the highest quality customer service. There's a reason you won't find Marvin Windows and Doors in the big box stores. It's only through dedicated independent dealers that we're able to offer an unparalleled level of support and expertise. We work directly with our dealers, one-on-one, to ensure we find the best solution to make your dream a beautiful reality.





ULTIMATE FRENCH CASEMENT & PUSH OUT FRENCH CASEMENT

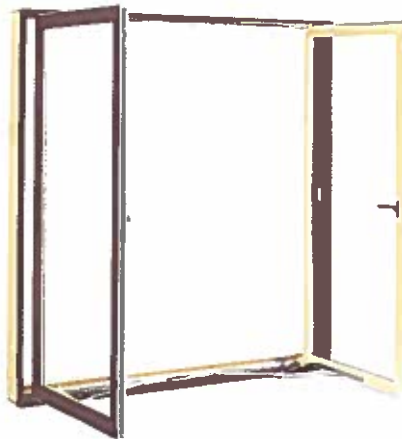
AN OPENING THAT RIVALS MOST DOORS

The Marvin® Ultimate French Casement pairs expert engineering with thoughtful design to offer a beautiful architectural window that won't compromise on performance or energy efficiency. The Ultimate French Casement has no center vertical post and opens like a French door. Simply crank open each independent sash or push out each sash and enjoy an unobstructed view.

INTERIOR



EXTERIOR OPEN



EXTERIOR CLOSED



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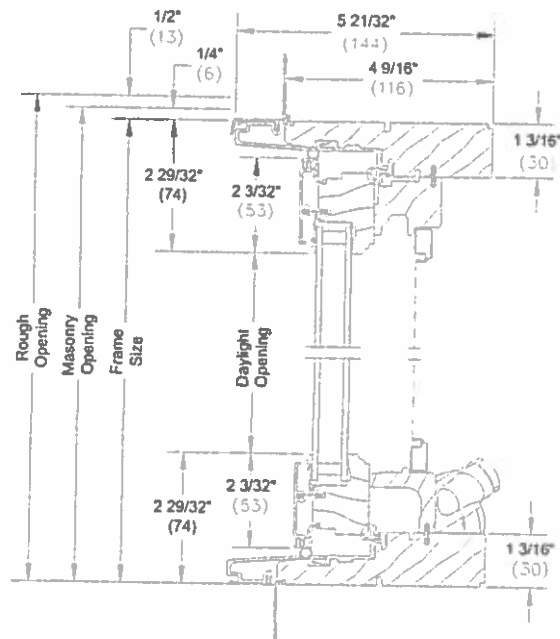
Clad Ultimate French Casement Crank Out



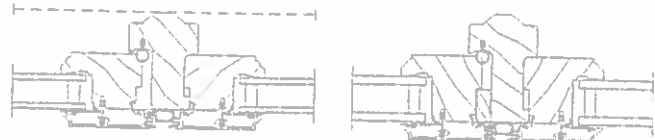
Built around you

Section Details: 3/4" IG and 1" IG Operator Meeting Stiles

Scale: 3" = 1' 0"

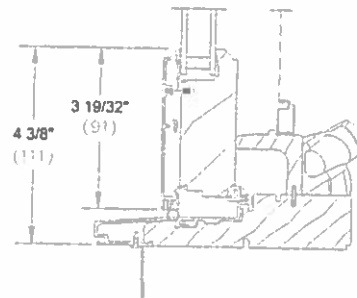


Head Jamb and Sill

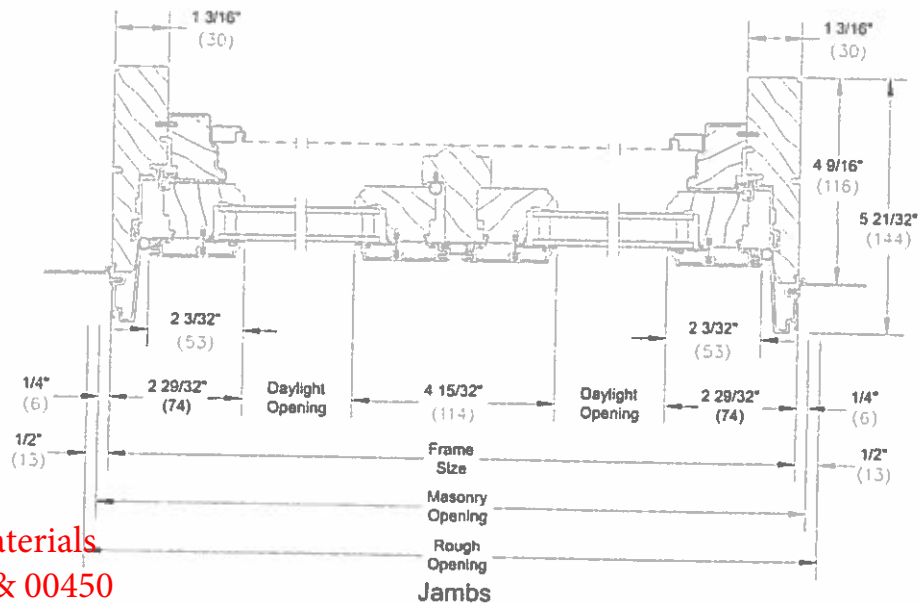


Operating Meeting Stile - 3/4" IG

Stationary Meeting Stile - 1" IG



Wide Bottom Rail



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WOOD ULTIMATE FRENCH CASEMENT/PUSH OUT FRENCH CASEMENT

M.O. (mm) 3 - 3 5/8 (1007)
 R.O. (mm) 3 - 1 (940)
 Frame Size (mm) 3 - 0 (914)
 Glass Size (mm) 13 15/16 (354)

3 - 7 5/8 (1108)
 3 - 5 (1041)
 3 - 4 (1016)
 15 5/16 (405)

4 - 3 5/8 (1311)
 4 - 1 (1245)
 4 - 0 (1219)
 19 15/16 (507)

4 - 11 5/8 (1515)
 4 - 9 (1448)
 4 - 8 (1422)
 23 15/16 (608)

5 - 3 5/8 (1616)
 5 - 1 (1549)
 5 - 0 (1524)
 25 15/16 (659)

2 - 9 7/8 (860)
 2 - 8 9/16 (827)
 2 - 8 1/16 (814)
 26 13/32 (671)



WUPFCA3632

WUFCFA4032
WUPFCA4032WUFCFA4832 E
WUPFCA4832 EWUFCFA5632 E
WUPFCA5632 EWUFCFA6032 E
WUPFCA6032 E

3 - 1 7/8 (962)
 3 - 9/16 (929)
 3 - 1/16 (916)
 30 13/32 (772)



WUPFCA3636

WUFCFA4036
WUPFCA4036 EWUFCFA4836 E
WUPFCA4836 EWUFCFA5636 E
WUPFCA5636 EWUFCFA6036 E
WUPFCA6036 E

3 - 5 7/8 (1064)
 3 - 4 9/16 (1030)
 3 - 4 1/16 (1018)
 34 13/32 (874)



WUPFCA3640

WUFCFA4040 E
WUPFCA4040 EWUFCFA4840 E
WUPFCA4840 EWUFCFA5640 E
WUPFCA5640 EWUFCFA6040 E
WUPFCA6040 E

3 - 9 7/8 (1165)
 3 - 8 9/16 (1132)
 3 - 8 1/16 (1119)
 38 13/32 (976)



WUPFCA3644

WUFCFA4044 E
WUPFCA4044 EWUFCFA4844 E
WUPFCA4844 EWUFCFA5644 E
WUPFCA5644 EWUFCFA6044 E
WUPFCA6044 E

4 - 1 7/8 (1267)
 4 - 9/16 (1234)
 4 - 1/16 (1221)
 42 13/32 (1077)



WUPFCA3648 E

WUFCFA4048 E
WUPFCA4048 EWUFCFA4848 E
WUPFCA4848 EWUFCFA5648 E
WUPFCA5648 EWUFCFA6048 E
WUPFCA6048 E

4 - 7 7/8 (1419)
 4 - 6 9/16 (1386)
 4 - 6 1/16 (1373)
 48 13/32 (1230)



WUPFCA3654 E

WUFCFA4054 E
WUPFCA4054 EWUFCFA4854 E
WUPFCA4854 EWUFCFA5654 E
WUPFCA5654 EWUFCFA6054 E
WUPFCA6054 E

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NOTES:

E These units meet national egress codes for fire evacuation. Local codes may differ.

T For safety and/or code requirements, Marvin recommends tempered glass in all units with a frame size height of 72 1/16" or larger and units with a frame size of 25.2 sq. ft. and larger.

Wood Ultimate French Casement: **WUFCFA**
 Wood Ultimate Push Out French Casement: **WUPFCA**

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ELITE GLASS-SEAL®

TAMKO® Elite Glass-Seal® Shingles are offered in a wide variety of colors to complement the exterior design of any home.

VIEW SHINGLE
COLORS

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Elite Glass-Seal® 3-Tab Shingles

Reliable and affordable protection

- Economical shingles that provide years of reliable roofing protection, including fire and wind resistance
- Made with TAMKO's own tough fiberglass mat for strength and tear resistance
- Variety of colors to complement any combination of building materials: wood, stone, brick or stucco
- Backed by a **25-year product Limited Warranty** and a **10-year Algae Relief-Algae Cleaning Limited Warranty***
- Made with TAMKO® 3-Tab Quality Construction



Take a closer look at tough 3-Tab construction.

*Algae Cleaning Limited Warranty that provides for cleaning of discoloration caused by certain algae growth that may occur in areas with high humidity.



**25-YEAR PRODUCT
LIMITED WARRANTY**

5 YEAR FULL START

**LIMITED
TRANSFERABILITY**

**10-YEAR ALGAE
RELIEF-ALGAE
CLEANING LIMITED
WARRANTY**

**60 MONTH LIMITED
WARRANTY AGAINST
DAMAGE FROM WIND
UP TO 60 MPH**



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All Shingles

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Elite Glass-Seal®

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Plant: Frederick, MD



Antique Slate



Empire Green Blend



Tweed Blend



Rustic Black



Rustic Redwood



Grey Blend



Weathered Wood



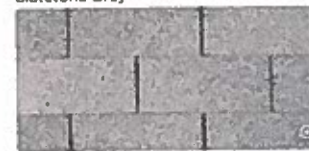
Slatetone Grey



Rustic Cedar



White



Pastel Green



Looking for an experienced, reputable roofer? Click here to find a **TAMKO Pro**®.

Certain colors and products may not be available in your area. Check with your local distributor/dealer for availability.

Note: Reproduction of these colors is as accurate as technology will permit. TAMKO® recommends viewing an actual product installation prior to final color selection for the full impact of color blending and patterns. Dissatisfaction of the selected color after installation is not covered under the limited warranty.

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Unique Formulation

Finishing Technology

100% HARDIE
Complete Exterior™The James Hardie
Difference

Warranty

Endorsements

HardieZone® System

● HZ5® Substrate

Unique Formulation HZ5® Substrate

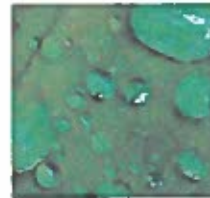
Not all fiber cement is the same. The James Hardie HZ5 product formulation contains the highest quality raw materials. Proprietary additives, combined with an innovative manufacturing process and product design, create a substrate specifically engineered to reduce water absorption and resist damage from wet or freezing conditions.

PROPRIETARY ENHANCEMENTS CREATE THE MOST DURABLE JAMES HARDIE® SIDING EVER MADE



Perfect balance of strength and workability

Our balance of high-quality Portland cement, sand and cellulose fiber delivers the best combination of strength and workability.



Enhanced moisture resistance for unmatched durability

Patented and proprietary additives are chemically bonded within the HZ5 substrate matrix to provide durable moisture resistance.



Increased dimensional stability

Our siding is engineered at the microscopic level to create a fiber cement composite with superior dimensional stability that helps protect against shrinking and splitting.

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● Plank, Panel, Batten and Shingle Colors

Trim and Soffit Colors

Color Selection



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SELECT CEDARMILL®

Khaki Brown

Thickness	5/16 in.			
Length	12 ft. planks			
Width	5.25 in.	6.25 in.	7.25 in.	8.25 in.
Exposure	4 in.	5 in.	6 in.	7 in.
ColorPlus Pcs./Pallet	324	280	252	210
Prime Pcs./Pallet	360	308	252	230
Pcs./Sq.	25.0	20.0	16.7	14.3

Available Colors




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View all HardiePlank Lap Siding Products




CROWN MOULDING

Arctic White

Thickness	.75 in.
Length	12 ft. boards
Width	3.25 in. 5.25 in.
Pcs./Pallet	50 48

Available Colors



[View all HardieTrim Boards](#)

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5/4 NT3® SMOOTH

Arctic White

Thickness	1 in.					
Length	12 ft. boards					
Width	3.5 in.	4.5 in.	5.5 in.	7.25 in.	9.25 in.	11.25 in.
Pcs./Pallet	240	200	160	120	80	80

Available Colors



View all HardieTrim Boards

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HardieWrap®

No exterior cladding can prevent 100% of water intrusion. Your homes should have an additional line of defense. HardieWrap weather barrier provides a superior balance of water resistance and breathability, keeping the area within the wall drier. This helps prevent moisture accumulation that may lead to mold and mildew growth.

INSTALLATION ADVANTAGES

- Thicker, more durable material for easier, quicker installation
- Superior tear resistance helps prevent water infiltration
- Can be installed with staples in place of cap nails for cost savings
- Provides a higher level of performance, no matter what type of cladding you specify



WEATHER BARRIER

Thickness	11 mil.			
Length	100 ft.	100 ft.	150 ft.	150 ft.
Width	3 ft.	9 ft.	9 ft.	10 ft.

PRO-FLASHING

Thickness	20 mil.		
Length	75 ft.	75 ft.	75 ft.
Width	4 in.	6 in.	9 in.

SEAM TAPE

Thickness	3 mil.
Length	165 ft.
Width	1-7/8 in.

FLEX FLASHING

Thickness	60 mil.
Length	75 ft. 75 ft.
Width	6 in. 9 in.



To learn more about our weather barrier's advantages, visit hardiewrap.com

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