

**From:** Scala, Mary Joy  
**Sent:** Tuesday, April 22, 2014 12:14 PM  
**To:** Douglas Gilpin ; 'jmarshall.va@gmail.com'  
**Subject:** BAR Action April 15, 2014 - 517 Rugby Rd

April 22, 2014

Alumni of Alpha Mu Inc  
6231 26<sup>th</sup> Road North  
Arlington, VA 22207  
c/o W Douglas Gilpin, Jr

RE: 517 Rugby Road  
Delta Sigma Phi exterior upgrades/repairs/improvements

Dear Applicant,

The above referenced project was discussed before a meeting of the City of Charlottesville Board of Architectural Review (BAR) on April 15, 2014. The following action was taken:

**Approved (7-0) as submitted with the following modifications: enlargement of the decks on east elevation (façade of building) is not appropriate; the azek railing proposed for use there is not approved as proposed, with the understanding that the existing porches may be retained and repaired as an alternative; the wooden cornerboards must be retained and repaired and not replaced with azek; the proposed front door design and materials are appropriate; replacing the railroad tie retaining wall with a parged concrete wall is acceptable; and the materials and configuration of the proposed windows is consistent with the guidelines (but the dormer windows will be retained).**

In accordance with Charlottesville City Code 34-285(b), this decision may be appealed to the City Council in writing within ten working days of the date of the decision. Written appeals, including the grounds for an appeal, the procedure(s) or standard(s) alleged to have been violated or misapplied by the BAR, and/or any additional information, factors or opinions the applicant deems relevant to the application, should be directed to Paige Barfield, Clerk of the City Council, PO Box 911, Charlottesville, VA 22902.

This certificate of appropriateness shall expire in 18 months (October 15, 2015), unless within that time period you have either: been issued a building permit for construction of the improvements if one is required, or if no building permit is required, commenced the project. The expiration date may differ if the COA is associated with a valid site plan. You may request an extension of the certificate of appropriateness *before this approval expires* for one additional year for reasonable cause.

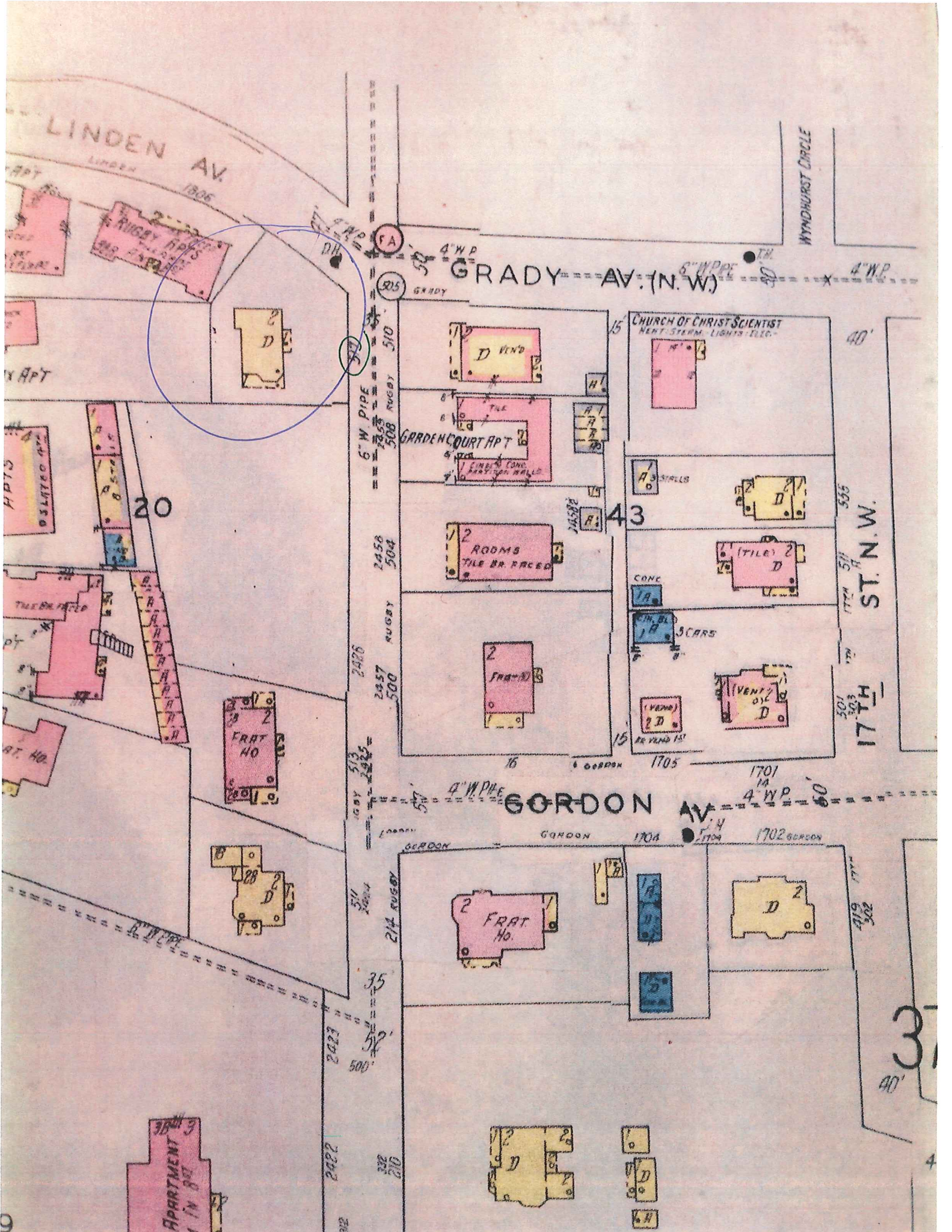
Upon completion of the project, please contact me for an inspection of the improvements included in this application.

If you have any questions, please contact me at 434-970-3130 or [scala@charlottesville.org](mailto:scala@charlottesville.org).

Sincerely yours,

Mary Joy Scala, AICP  
Preservation and Design Planner





LINDEN AV.  
LINDEN 1805

GRADY AV. (N.W.)  
GRADY

WYNDHURST CIRCLE

CHURCH OF CHRIST SCIENTIST  
HEAT-STEAM-LIGHTS-ELC.

GARDENCOURT APT

2 ROOMS  
TILE BR. FACED

FRAT HO

GORDON AV

2 FRAT HO

ST. N.W.

17TH

35  
40'

20

43

35

9

APARTMENT  
IN 87

6" W. PIPE  
510 RUGBY  
508 RUGBY  
2458 RUGBY 504  
2426 RUGBY  
2457 RUGBY 500  
513 RUGBY  
511 RUGBY  
214 RUGBY  
2423 RUGBY  
2422 RUGBY  
332 RUGBY 210

40'  
55'  
51'  
177'  
172'  
503'  
503'  
503'

50'

419'  
402'

40'

4



517 Rugby Rd.

**Scala, Mary Joy**

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**From:** Douglas Gilpin <wdg@gilpinarchitect.com>  
**Sent:** Saturday, April 12, 2014 5:48 PM  
**To:** Scala, Mary Joy  
**Subject:** RE: Windows at 517 Rugby  
**Attachments:** 517 Rugby Window Photographic Evidence.pdf

Mary Joy:

Attached is my photographic summary of the windows at 517 Rugby (Delta Sigma Phi house). Please share this with the Board; I will drop off a hard-copy to your office on Monday.

I visited the house today, and did a window-by-window review. Other than the two front dormer diamond paned windows, ALL of the windows in the house are post-1987.

I say that because I worked with the fraternity on the house in 1987, and our drawings refer to 'restoring' the windows. The work was not done, but in the intervening years, all of the window sash were removed and new sash were installed with spring balances. The original interior parting stops were removed, and flimsy aluminum jamb liners were installed. All of the sash are later 20<sup>th</sup> century as evidenced by construction techniques, sash lifts and locks, and the balances. As a matter of fact, the two front First Floor windows are aluminum framed and aluminum sash.

With that being the case, and based on the condition of the jamb liners and sash themselves, it reinforces the case to remove these post-1987 window units and replace them with Marvin Clad Window Inserts, as specified, leaving the original Early 20<sup>th</sup> Century exterior trim in-situ. I will be bringing a physical example of the Marvin system to the BAR meeting.

If the Board wishes, we can retain the two original diamond-paned awning windows.

Thank you.

Doug

---

W. Douglas Gilpin, Jr. FAIA

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**From:** Scala, Mary Joy [mailto:[scala@charlottesville.org](mailto:scala@charlottesville.org)]  
**Sent:** Friday, April 11, 2014 3:48 PM  
**To:** Douglas Gilpin  
**Subject:** Windows at 517 Rugby

Doug,  
The BAR will want some photographic evidence that the windows warrant replacement.

**Mary Joy Scala, AICP**  
Preservation and Design Planner  
City of Charlottesville  
Department of Neighborhood Development Services  
City Hall - 610 East Market Street





TYPICAL WINDOW



TYPICAL BASEMENT WINDOW



SOUTH "PORCH" WINDOW |





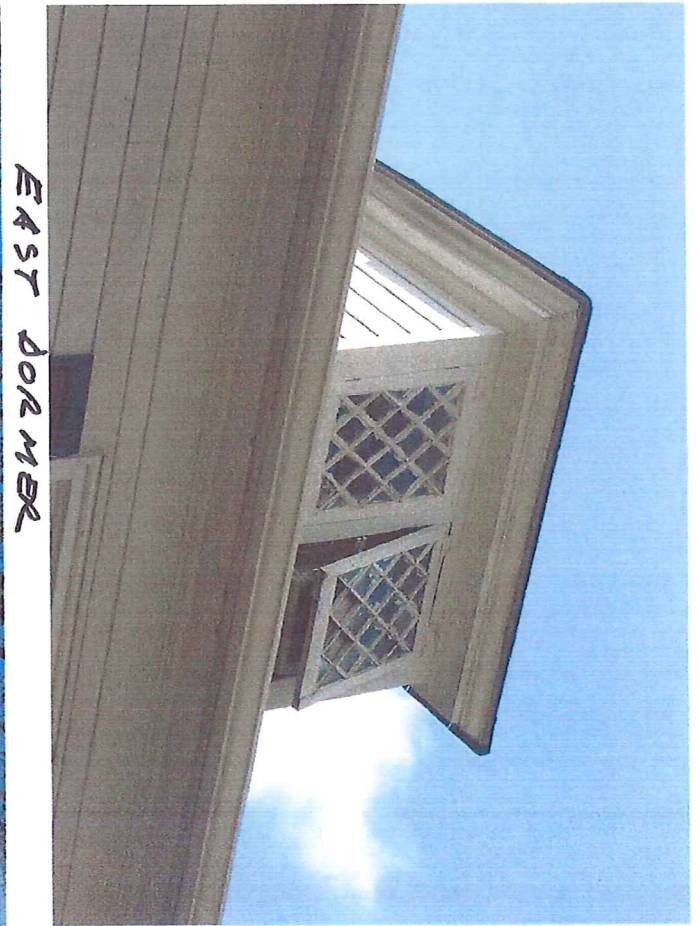
ALUMINUM BASEMENT WIND.



ALUMINUM FRAME SILL



WEST DORMER



EAST DORMER



NOTE GAP



TYPICAL INTERIOR



ALUMINUM JAMB LINERS

TYPICAL HEAD



JAMB DETAIL



MEETING RAIL

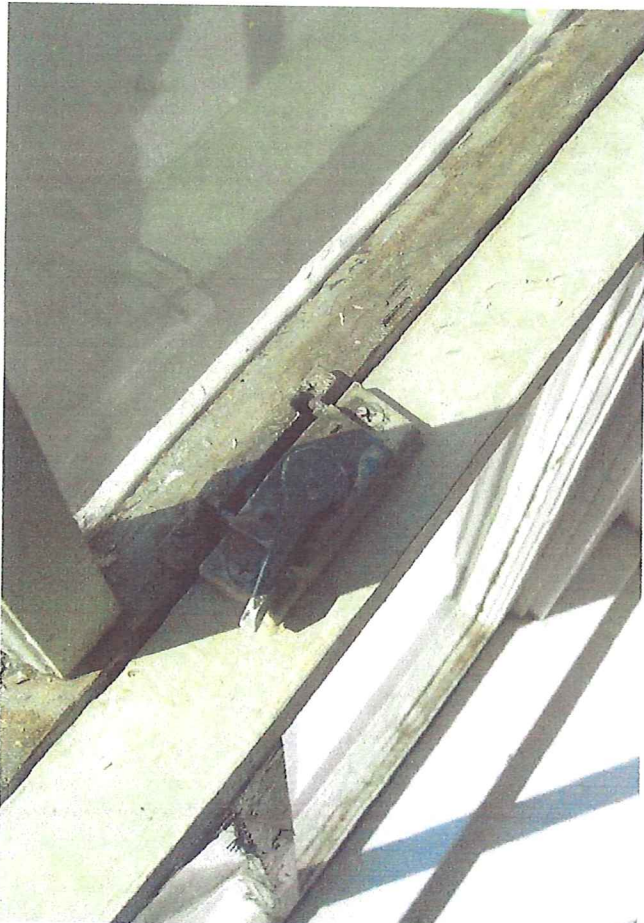




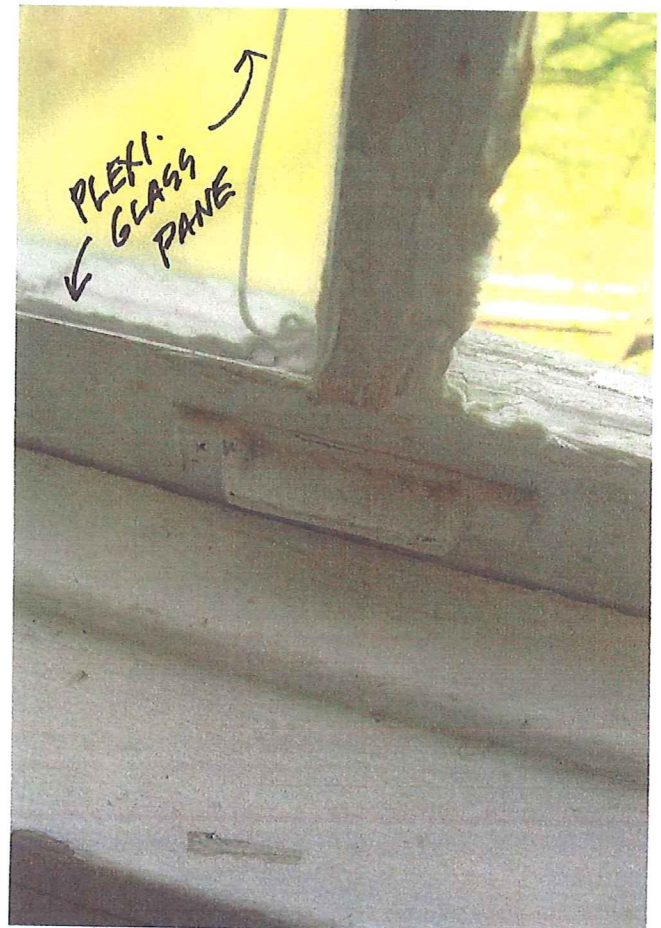
SILL



ALUMINUM WINDOW SILL



MODERN SASH LOCK



MODERN SASH LIFT





# Board of Architectural Review (BAR) Certificate of Appropriateness

Please Return To: City of Charlottesville  
Department of Neighborhood Development Services  
P.O. Box 911, City Hall  
Charlottesville, Virginia 22902  
Telephone (434) 970-3130 Fax (434) 970-3359

Please submit ten (10) copies of application form and all attachments.  
For a new construction project, please include \$375 application fee. For all other projects requiring BAR approval, please include \$125 application fee. For projects that require only administrative approval, please include \$100 administrative fee. Make checks payable to the City of Charlottesville.  
The BAR meets the third Tuesday of the month.  
Deadline for submittals is Tuesday 3 weeks prior to next BAR meeting by 4 p.m.

Owner Name ALUMNI OF ALPHA MU, INC Applicant Name W. DOUGLAS GILPIN, JR FAIA  
Project Name/Description DELTA SIGMA PHI Parcel Number 050046000  
Property Address 517 RUGBY ROAD

### Applicant Information

Address: 1665 BRANDYWINE DR  
CHARLOTTESVILLE VA 22901  
Email: WDE@GILPINARCHITECT.COM  
Phone: (W) 960-4036 (H) \_\_\_\_\_  
FAX: \_\_\_\_\_

### Property Owner Information (if not applicant)

Address: 6231 26TH ROAD NORTH  
ARLINGTON VA 22207  
Email: J.MARSHALL.VA@GMAIL.COM  
Phone: (W) 757.869.9296 (H) \_\_\_\_\_  
FAX: \_\_\_\_\_

Do you intend to apply for Federal or State Tax Credits for this project? No

### Signature of Applicant

I hereby attest that the information I have provided is, to the best of my knowledge, correct. (Signature also denotes commitment to pay invoice for required mail notices.)

[Signature] 3/14/2014  
Signature Date

W. DOUGLAS GILPIN, JR 3/14/2014  
Print Name Date

### Property Owner Permission (if not applicant)

I have read this application and hereby give my consent to its submission.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Print Name \_\_\_\_\_ Date \_\_\_\_\_

Description of Proposed Work (attach separate narrative if necessary):  
SEE ATTACHED LETTER

List All Attachments (see reverse side for submittal requirements):  
MATERIAL CUT SHEETS ATTACHED

**For Office Use Only**

Received by: O. Eubank  
Fee paid: 125.00 Cash/Ck. # 1123  
Date Received: 3/21/14

Approved/Disapproved by: \_\_\_\_\_  
Date: \_\_\_\_\_  
Conditions of approval: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# Charlottesville GIS Viewer

517 RUGBY RD

**Base Information**

<b>Parcel Number:</b>	050046000	<b>Current Owner:</b>	ALUMNI OF ALPHA MU INC
<b>State Code:</b>	3.0 Multi-Family	<b>Current Owner 2:</b>	JAMES MARSHALL
<b>Tax Type:</b>	Taxable	<b>Owner Address:</b>	6231 26TH RD N
<b>Zone:</b>	R-3H	<b>Owner City State:</b>	ARLINGTON VA
<b>Appraiser:</b>	JD	<b>Owner Zip Code:</b>	22207
<b>Acreage:</b>	0.2250		
<b>Asmt Reason:</b>	General Reassessment		
<b>Legal:</b>	LOT 37A UNIVERSITY PLACE		

**Additional Data**

<b>Elementary School Zone:</b>	Venable
<b>Voting Precinct:</b>	Alumni-Hall
<b>Neighborhood:</b>	Venable



**Stormwater Utility Information**

<b>Impervious Area:</b>	5,703 sq. ft.
<b>Billing Units:</b>	12
<b>Projected Stormwater Utility Annual Fee:</b>	\$172.80

**Building Improvements**

<b>Style:</b>	2 Story	<b>Fireplace:</b>	0
<b>Grade:</b>	A	<b>YearBuilt:</b>	1910
<b>Ext. Walls:</b>	Wood Frame	<b>Number Of Stories:</b>	2.00
<b>Roof:</b>	Shingles	<b>Total Rooms:</b>	10
<b>Flooring:</b>	Hardwood Floor	<b>Bedrooms:</b>	5
<b>Bsmt. Type:</b>	Pt Basement	<b>Half Bathrooms:</b>	0
<b>Heating:</b>	Hot Water	<b>Full Bathroom:</b>	2
<b>Fireplace:</b>	0	<b>Basement Garage:</b>	0
<b>FinishedAttic:</b>	576	<b>Basement SqFt:</b>	1151
<b>Unfinished Living:</b>	0	<b>Finished Basement:</b>	1039
<b>SqFt Finished Living:</b>	2540		



# W. DOUGLAS GILPIN, JR. FAIA—ARCHITECT, PLC

FELLOW, AMERICAN INSTITUTE OF ARCHITECTS

CHARLOTTESVILLE, VIRGINIA | BLOCK ISLAND, RHODE ISLAND

13 March 2014

To: Members of the Charlottesville Board of Architectural Review  
Re: Delta Sigma Phi Fraternity

Dear Mary Joy and Members of the Board:

Attached is the submittal information for the work being proposed at Delta Sigma Phi on Rugby Road. I have been asked by the fraternity to assist them in the exterior upgrade/repair/improvements to their house. I was also their architect in 1987 when they did a major rehabilitation of the building.

## History:

Presumably built circa 1910, the Delta Sigma Phi Fraternity house is a modest example of a Classical Revival style structure. When originally built, it had horizontal bevel wood siding, 2 over 2 windows, the present Classical Revival front porch, and possibly a wood shingle or slate roof. An open porch was on the South side of the house, and the rear was fairly utilitarian with a rear porch and stairs to grade. Undoubtedly, it was a single family residence.

In the intervening years, the South Porch was enclosed with 8 over 8 divided light windows, the roof material became asphalt shingle, and egress doors and windows were installed at the Second Floor and Attic Levels. The Southwest chimney was been taken down and capped. Also, the original siding had been covered with dark stained wood shakes.

The work in 1987 included removing the wood shake siding and the 'perforated' underlying siding, and replacing it with Masonite siding. All cornerboards and related trim were removed and replaced at that time. Windows were repaired as best as possible on a window-by window review. Gutters and downspouts were added. Fire escapes were removed now that the building would be sprinkled. The interior received significant structural, electrical, plumbing, and mechanical upgrades, in addition to life-safety improvements.

Since 1987 and prior to the inclusion of this area into the BAR's purview, several window sash had been broken and replaced with 'stock' units of varying stylistic character, and the roof was replaced.

## Present Plan:

The Fraternity's plan for the exterior, as its base bid, will include:

1. Review existing fiberglass/asphalt shingle roof, and remove/replace any deteriorated/torn/ragged shingles. Review all flashings and repair as necessary.

GILPINARCHITECT.COM



# W. DOUGLAS GILPIN, JR. FAIA—ARCHITECT, PLC

FELLOW, AMERICAN INSTITUTE OF ARCHITECTS

CHARLOTTESVILLE, VIRGINIA | BLOCK ISLAND, RHODE ISLAND

2. Adjust/align all gutters and downspouts.
3. Remove and replace all windows with Marvin exterior clad/interior primed insulated window units, SDL with 7/8" and 1-1/8" muntins (depending upon the original window muntin size). Note: These windows are the same system being used at the 410 East Market Street renovation. Utilize existing exterior trim as practicable.
4. Remove existing East entrance door, and replace with painted fiberglass 6 panel door.
5. Remove existing West Basement and First Floor doors, and replace with painted fiberglass 9 light/2 panel sash doors.
6. Retain existing Masonite siding, but replace any ragged/deteriorated pieces where seen. Spot prime where needed, and provide 1 finish coat, acrylic gloss.
7. Scrape all loose/peeling paint, prime, and repaint all wood trim.
8. Point all open joints in brick foundation with high-lime masonry cement that is matched to original mortar color and texture.
9. Power-wash existing stained decks, and repair/replace any damaged woodwork. Restain as necessary.
10. Remove diseased/dead trees and limbs.

If the budget allows, the following options will be considered to enhance the visual character of the house:

1. Remove all Masonite siding and corner boards. Retain existing cornice, fascia, and East Porch columns and trim. Provide new Hardie 'Artisan' siding in 6" exposure, and new AZEK for cornerboards, window, and door trim. Provide primer and 2 coats acrylic gloss paint.
2. For the window replacement, provide laminated glass on exterior and interior.
3. Remove the stained wood railings from existing flanking East Decks and replace with AZEK 'Trademark' railing system, which mimics the character of the original East Porch railing.
4. Provide new Southeast deck extension with parged/painted CMU piers, AZEK 'Harvest Collection' decking, and AZEK 'Trademark' railing system.
5. Remove railings from West Exterior Stair and replace with AZEK 'Trademark' railing/handrail system.
6. Remove West railroad tie retaining walls that face the parking lot, and salvage the brick pavers for re-use. Provide new parged/painted concrete retaining walls/footings, and re-set pavers on tamped earth/sand bed.
7. Rebuild South railroad tie retaining walls.
8. Provide irrigation system.

Included in this submittal is:

1. A site plan from the City's GIS files showing property lines and setbacks,
2. Photos of the Subject Property and buildings on contiguous properties,

GILPINARCHITECT.COM



# W. DOUGLAS GILPIN, JR. FAIA—ARCHITECT, PLC

FELLOW, AMERICAN INSTITUTE OF ARCHITECTS

CHARLOTTESVILLE, VIRGINIA | BLOCK ISLAND, RHODE ISLAND

3. Proposed Exterior Elevations of the East, South, West, and North sides,
4. Artisan Lap Siding cut sheets,
5. AZEK Trim cut sheets,
6. Benchmark Door cut sheets,
7. Marvin Clad Insert Double Hung Window cut sheets, and
8. AZEK Trademark Rail cut sheets.

I will be in attendance at the 15 April meeting with actual samples and to provide any additional information that you might need.

Respectfully submitted,



W. Douglas Gilpin, Jr. FAIA

WDG/s

GILPINARCHITECT.COM

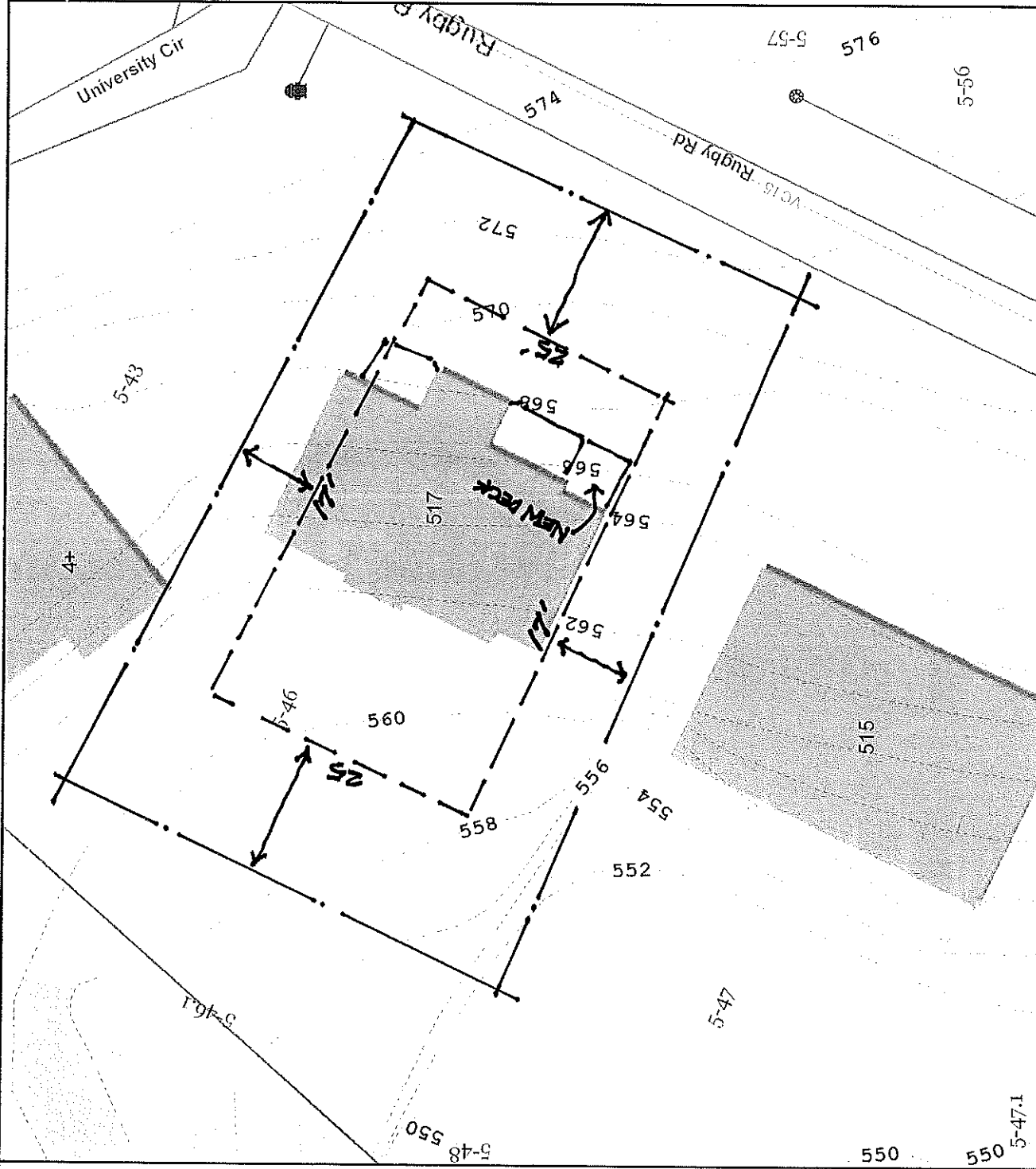
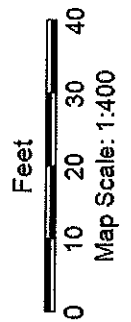
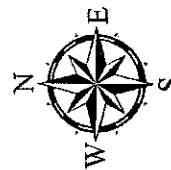


**Legend**

- Parcels
- Structures
- Addresses
- Parcels
- Roads
- Sanitary Manhole
- Sanitary Line
- Storm Structure
- Storm Line
- Water Hydrant
- Water Line
- Floodway
- Elevation Contour Lines - 2ft (2006)

25' FRONT & REAR  
SETBACKS

17' SIDE SETBACK  
(34' AVG. BLDG FT.)



**Title: Delta Sigma Phi**

**Date: 3/10/2014**

*DISCLAIMER: This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records, information, and data obtained from various sources, and Charlotteville is not responsible for its accuracy or how current it may be.*



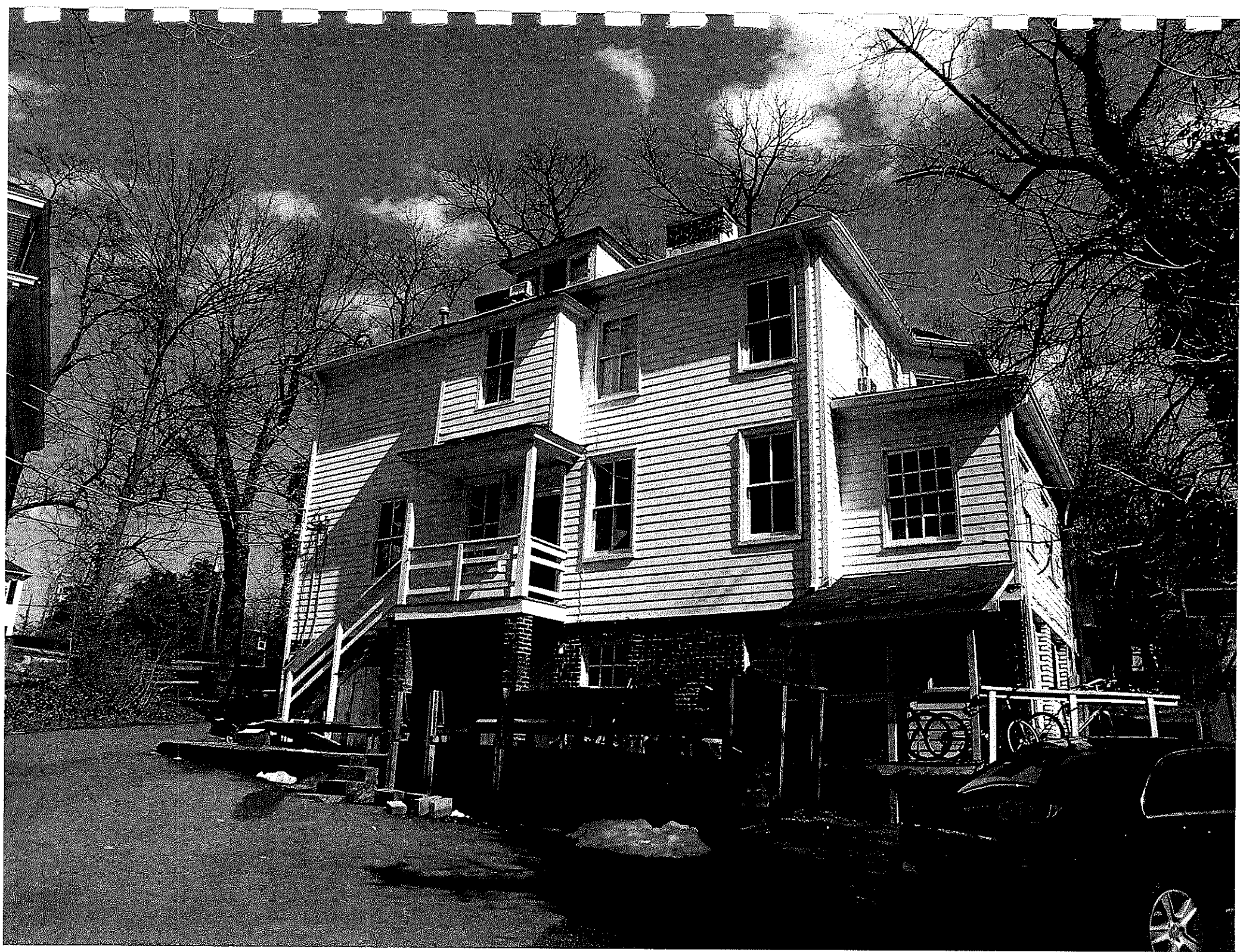




Δ  
Σ  
Φ

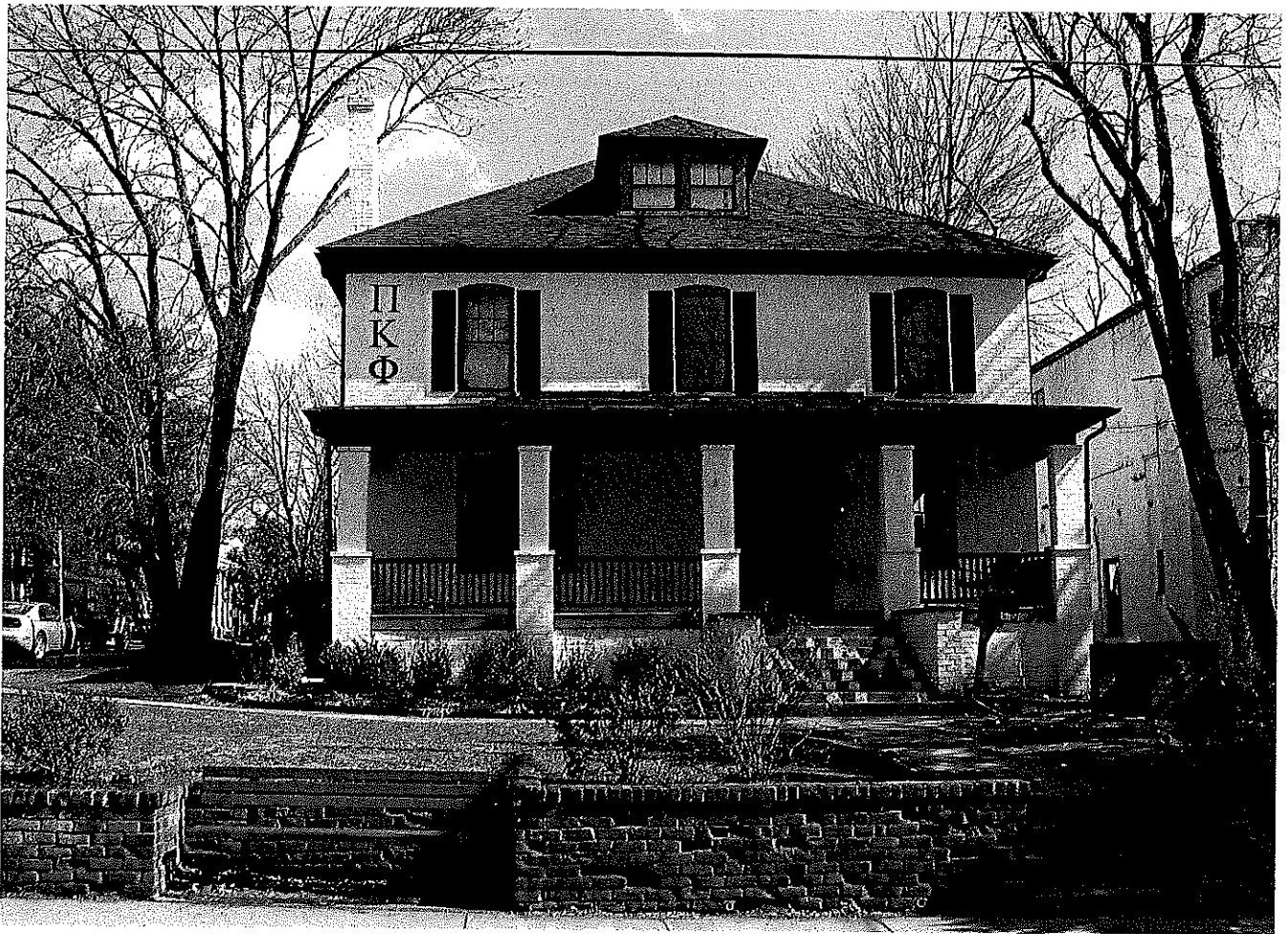








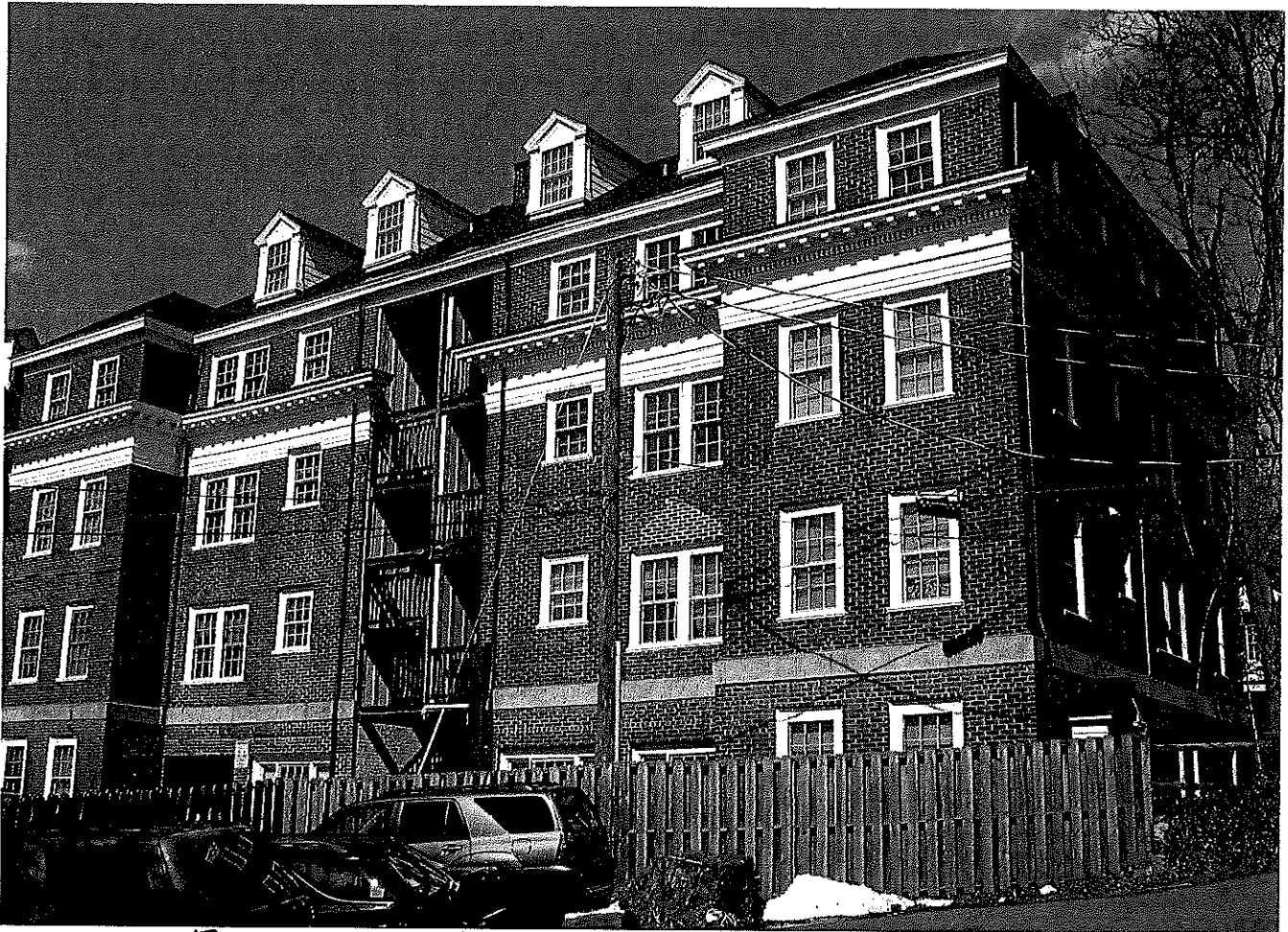




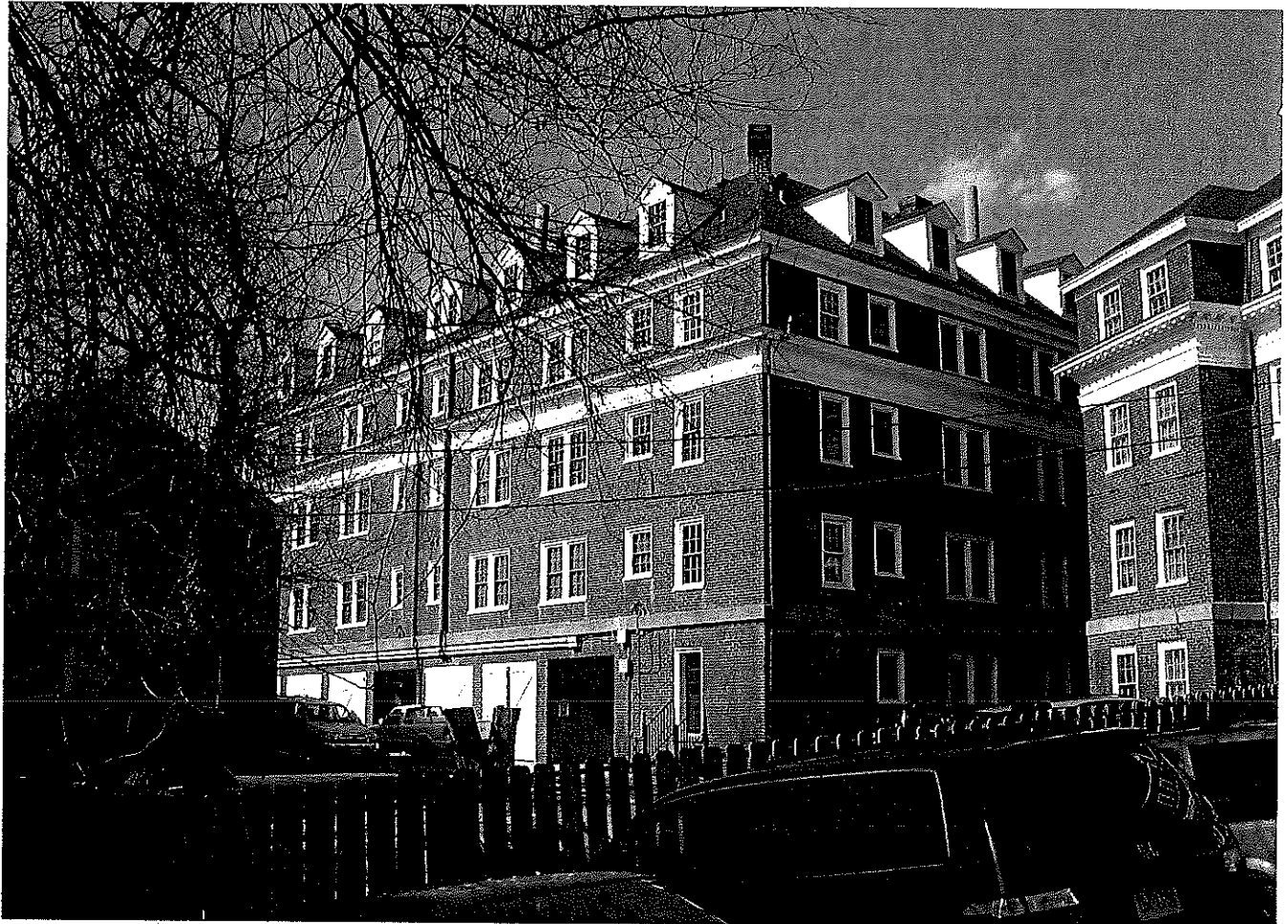
510 RUGBY



506 RUGBY



REAR OF 4 UNIVERSITY CIRCLE



REAR OF 10 UNIVERSITY CIRCLE





REAR OF 60 UNIVERSITY WAY



REAR OF 515 RUGBY



MARVIN WINDOW INSERTS

ARTISAN LAP SIDING  
6" EXPOSURE

AZEK TRIM

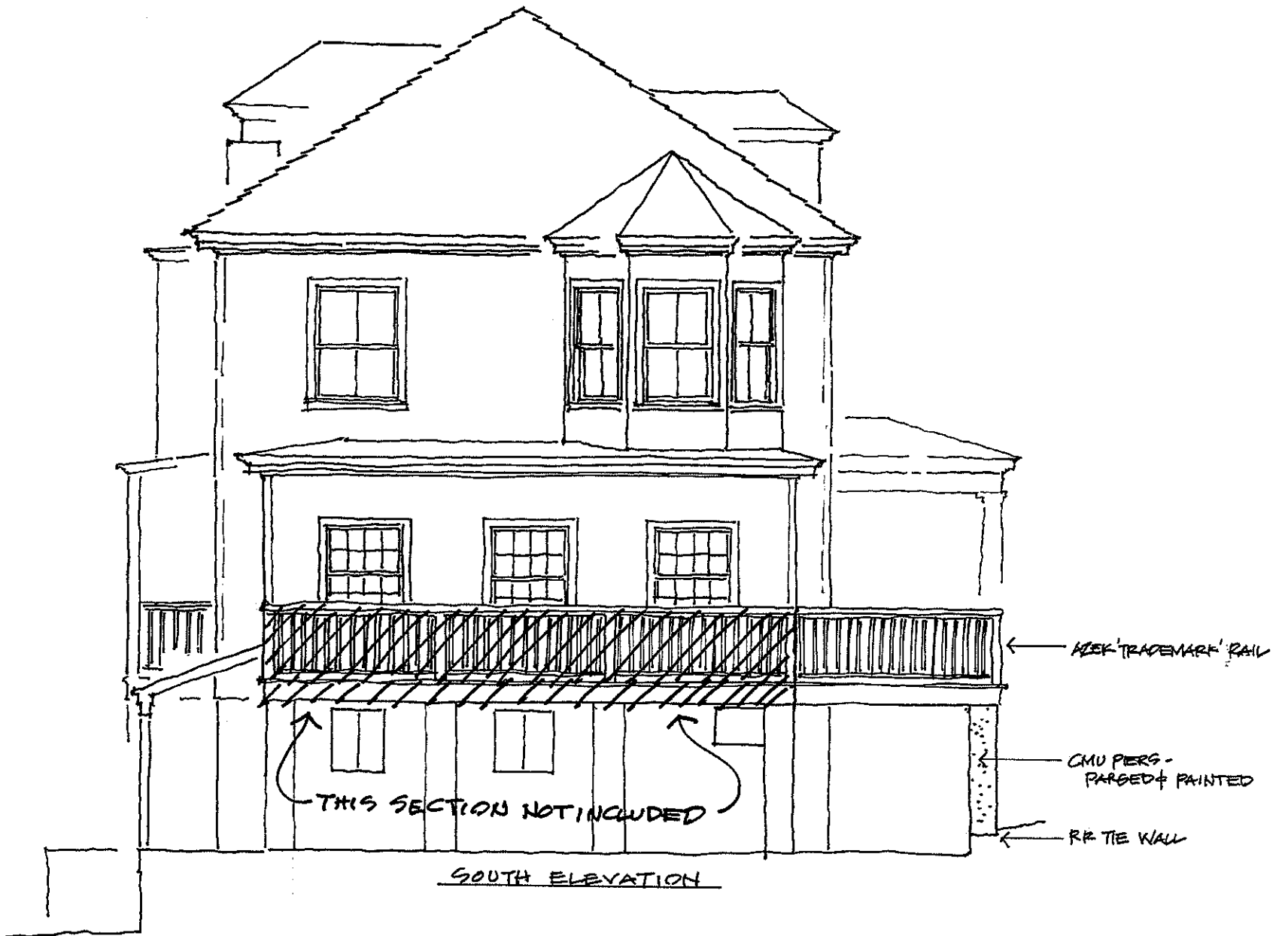
BENCHMARK DOOR

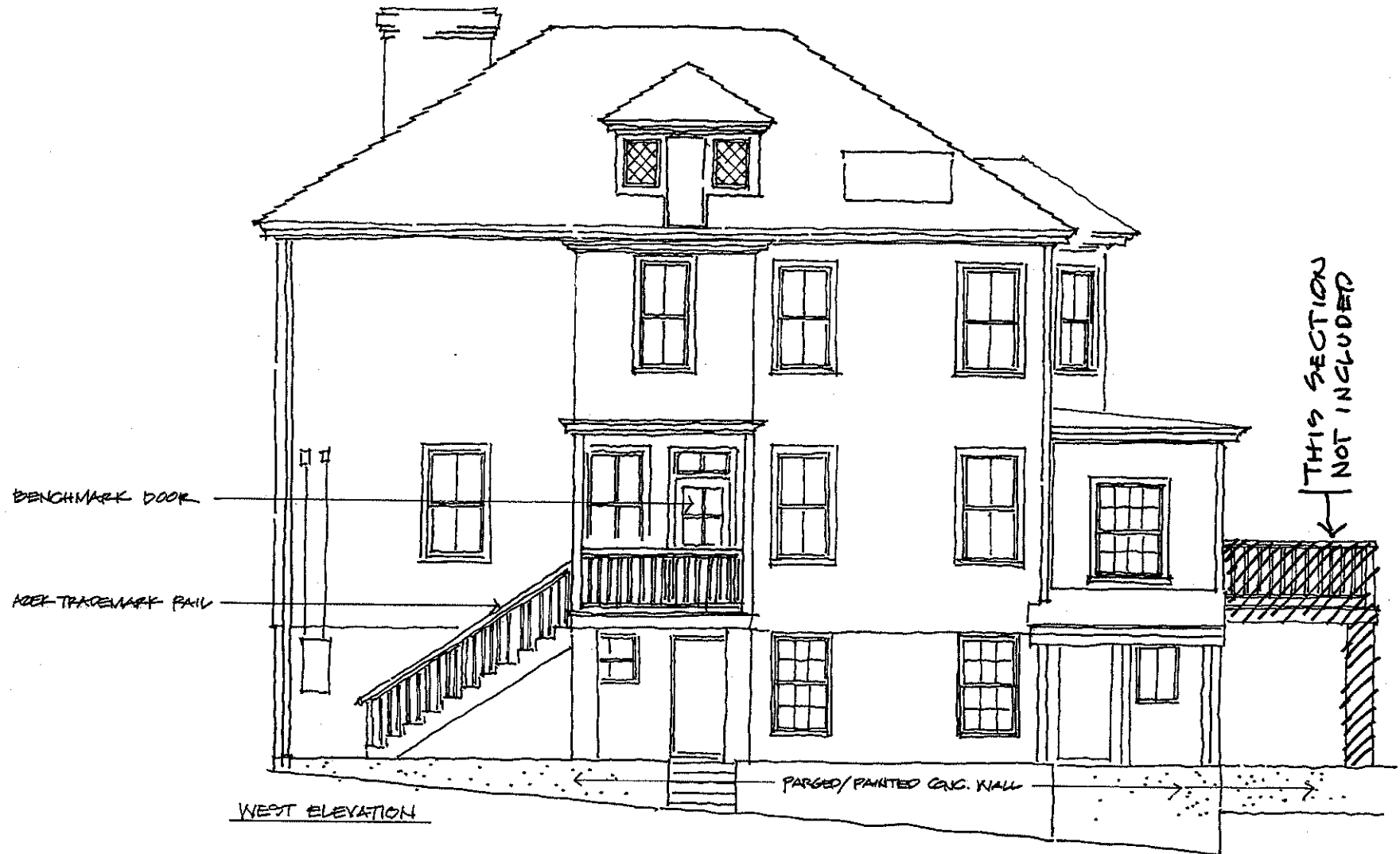
AZEK 'TRADEMARK' RAIL

EAST ELEVATION

THIS SECTION  
NOT INCLUDED







BENCHMARK DOOR

ACEX TRADEMARK RAIL

WEST ELEVATION

PARGED/PAINTEO CONC. WALL

THIS SECTION NOT INCLUDED





POINT ERASED  
MASSURY JOINTS

NORTH ELEVATION

DESIGN THAT  
ENDURES

*artisan*<sup>™</sup>  
**JamesHardie**

*Artisan® Lap Siding*  
*Artisan® Accent Trim*





# VISUALLY INSPIRING

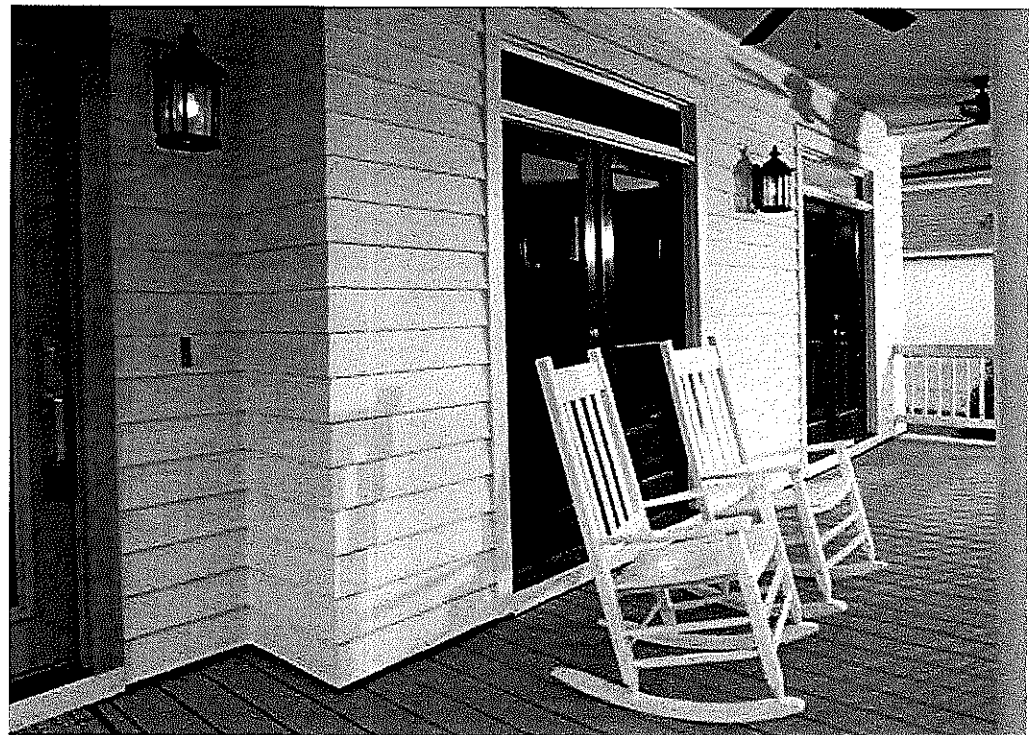


## Artisan Lap Siding

Artisan lap siding is a premium exterior product that combines elegant aesthetics with the unrivaled durability of James Hardie® siding. This unique product line opens the door to unlimited possibilities giving architects, builders and homeowners alike the opportunity to express themselves through the highest standards in design.

### Details

- Distinctively deep shadow lines
- Ability to miter corners
- Tongue and groove joints provide low profile seams



# PRODUCT SPECIFICATIONS

### Finish

- Ready to Paint
- When painting product, use 100% acrylic paint

### Warranty

Artisan lap siding is protected by a 30-year limited non-prorated warranty. This product replacement warranty is the best in the industry.

### Size/Weight/Texture

Length: 12'

Thickness: 5/8"

Width: 5-1/4" (4" exposure)

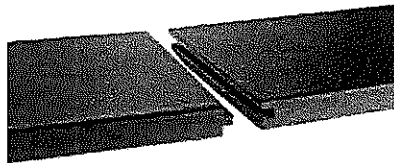
7-1/4" (6" exposure)

8-1/4" (7" exposure)

Weight: 4.55 lbs./sq. ft.

Texture: Smooth and Woodgrain

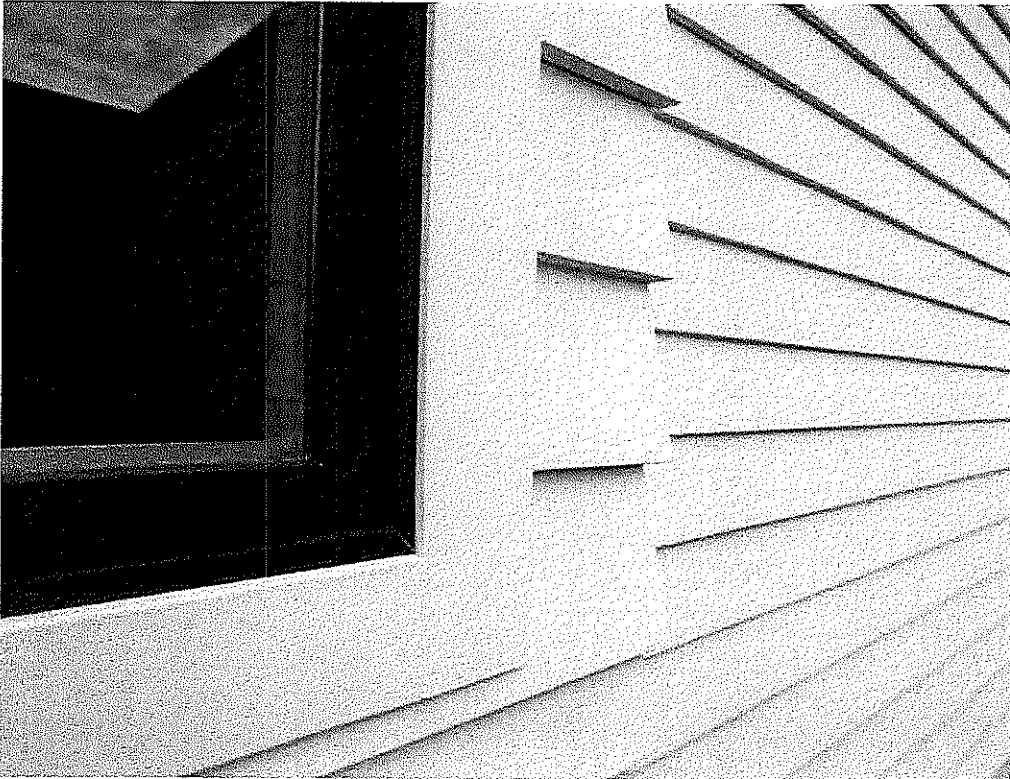
Nail line is 1" from the top edge of the board



*Artisan lap siding is manufactured with a unique tongue and groove joint design for precise fit and finish*

## LONG-LASTING BEAUTY

Artisan lap siding is at the forefront of innovation and is backed by over 15 years of research and development. Boasting absolute precision in its symmetry and engineered for your local climate, Artisan resists flame spread, hurricane-force winds, pests, as well as damage from moisture and rot, snow, ice and hail.



## THE FINISHING TOUCH

### Artisan Accent Trim

Introducing new Artisan accent trim; our most innovative trim technology ever. Artisan accent trim is designed to deliver superior performance and durability just like other James Hardie products offer.

#### Details

- Easily installed with 2.5" finishing nails
- Thicker trim to complement your Artisan lap siding
- Complete cladding solution

## PRODUCT SPECIFICATIONS

#### Finish

- Ready to paint
- When painting product, use 100% acrylic paint

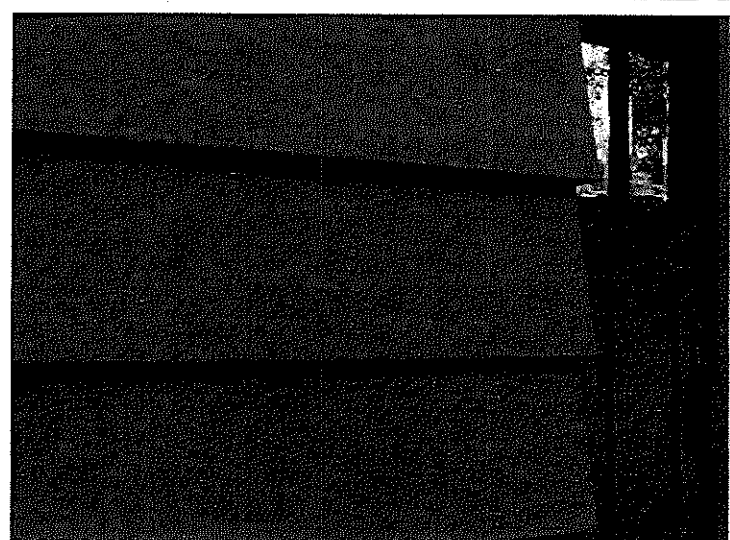
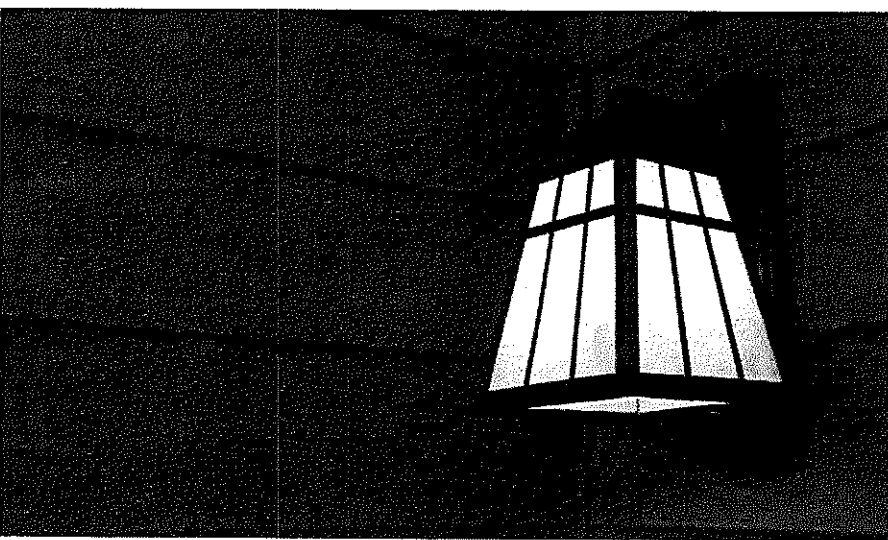
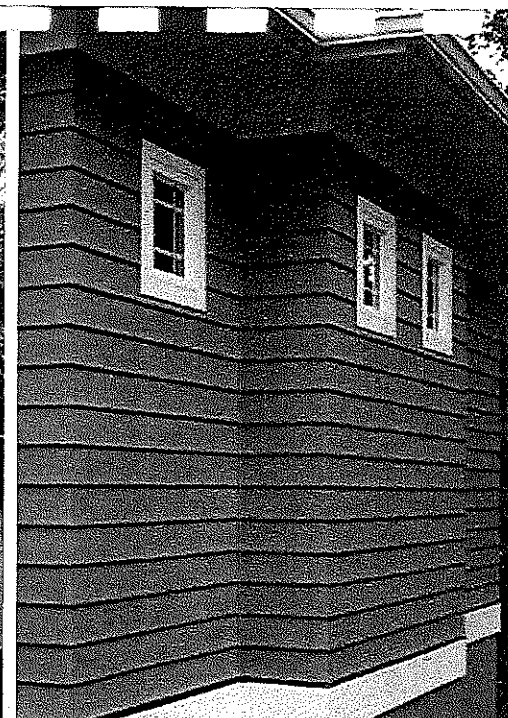
#### Warranty

Artisan accent trim is protected by a 15-year transferable, limited warranty.

#### Size/Weight/Texture

Length: 12'  
Thickness: 1½"  
Width: 4" (3.5" actual)  
6" (5.5" actual)  
Weight: 8 lbs./sq. ft.  
Texture: Smooth





*artisan*<sup>™</sup>  
**JamesHardie**

ArtisanLuxury.com

888.800.7864

Additional installation information, warranties and warnings are available at ArtisanLuxury.com.

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# TRIM

AZEK Trim, offers an unequaled combination of uniformity, durability, workability and beauty. AZEK Trim is available in trim, sheets, cornerboards and beadboard, as well as other unique trim products that help solve common construction challenges.

## AZEK TRIM — #1 BRAND IN TRIM

Look & Feel of Real Wood

Durable & Long Lasting

Low Maintenance

Can be Worked Similar to  
Wood - Even Mitered,  
Routed & Turned on a Lathe

Can be Heat Formed for  
Eye-Catching Curves

25 Year Warranty

Building Code Report  
(ESR-1074)





## AZEK Trim... Best-in-Class

---

### Beauty

Semi-matte White Finish  
White Color Throughout Profile  
Maintains Its Color Without Protection  
Readily Accepts Paints

---

### Durability

Never Requires Paint for Protection  
Will Not Rot, Cup, Split, Twist or Warp  
Moisture and Insect Resistant  
Suitable for Ground/Masonry Contact  
25-Year Limited Warranty

---

### Workability

Use Standard Woodworking Tools  
Can be Milled, Shaped and Moulded  
Can be Heat Formed for Curved Applications  
Fasten Close to Edge Without Splits  
Can Rout or Cut without "Chip Outs"

---

### Uniformity

Consistent Density  
Square Edges  
No Waste, Every Inch Usable

## WHY IS AZEK TRIM THE #1 BRAND OF TRIM?

- Over 25 years of cellular pvc manufacturing experience.
- State-of-the-art manufacturing facilities.
- Confidence of a Building Code Report ESR-1074.
- Maintains a "like new" appearance even in the harshest of weather conditions.
- Made in America, AZEK Trim uses high quality ingredients to create boards you'll be proud to have on your home.



Most AZEK Trim products are available in either the Traditional or Frontier finish.

**TRADITIONAL**  
Natural, semi-matte white surface

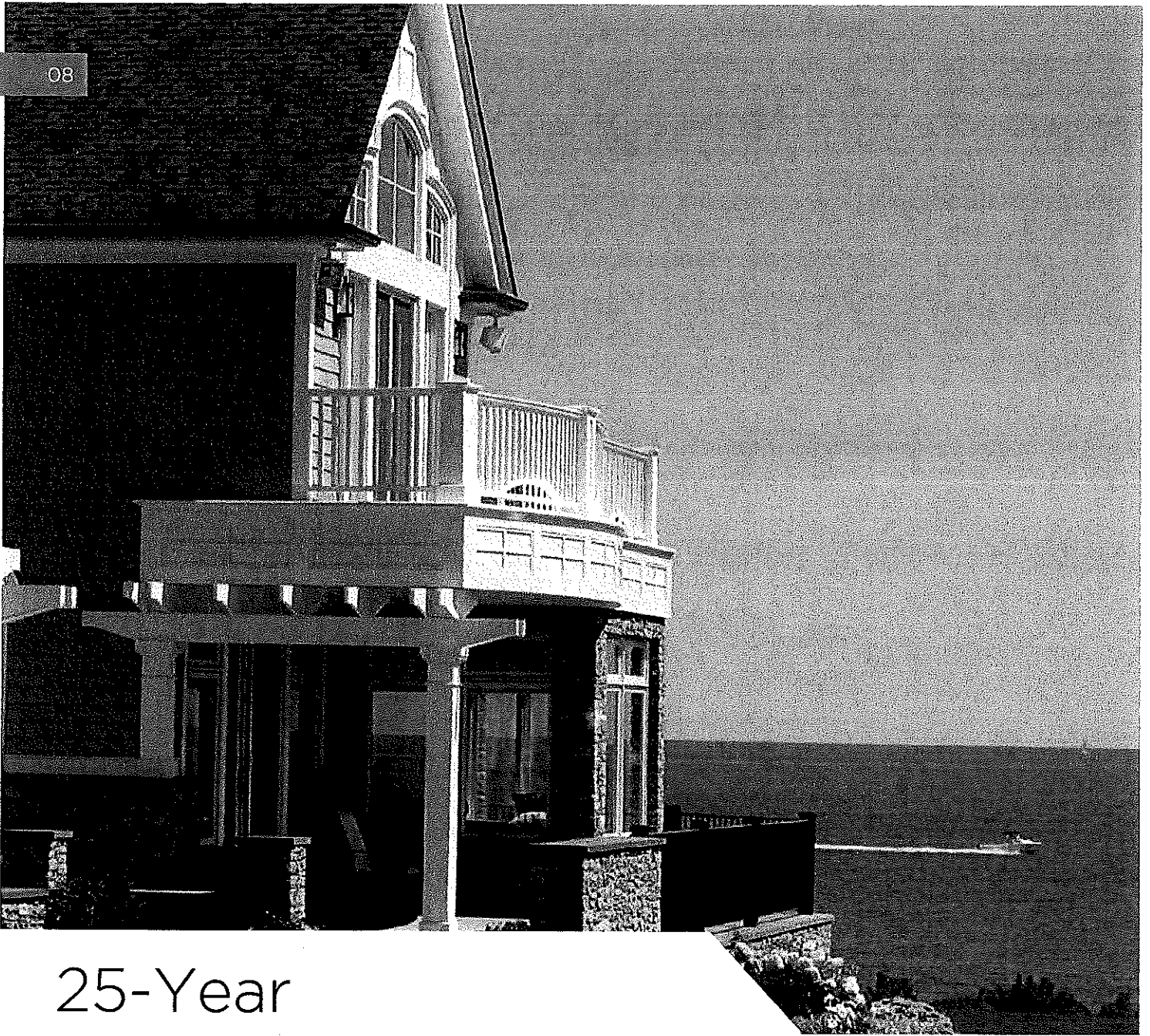
Available in board, cornerboard, beadboard, AZEK to Mill, sheets, Finish Grade Trim, Universal Skirt Board, Integrated Drip Edge and Column Wrap

**FRONTIER**  
Rustic Texture

Reversible - Traditional on one side and Frontier on the other

Available in board, cornerboard, Integrated Drip Edge, and Universal Skirt Board





## 25-Year Limited Warranty

### AZEK's Warranty

- Perfect for ground contact applications
- Impervious to moisture and insects
- Does not require paint for protection
- Can be heat formed for unique designs
- Building code listing ESR-1074

### With the AZEK Edge

- Precise, sealed edges on all 4 sides (S4S)
- Stays cleaner in the lumberyard and job site
- Tight board tolerances
- Easier to clean if it does get dirty

With unparalleled quality, AZEK Trim products are backed by a proven track record of performance that tops all competitors. For a trim product that will offer years of lasting good looks, choose AZEK Trim.

## AZEK Trim (Traditional & Frontier)

Trim that is easy to work with and offers long lasting durability, AZEK Trim is the perfect replacement for wood in all non-stress and non-load bearing applications. It can be easily milled, routed, and heat formed for custom looks. AZEK Trim doesn't require paint for protection, but can be easily painted for aesthetics.



### 5/8 x Thickness

Actual	Lengths
5/8" x 3 1/2"	12' and 18'
5/8" x 5 1/2"	12' and 18'
5/8" x 7 1/4"	12' and 18'
5/8" x 9 1/4"	12' and 18'
5/8" x 11 1/4"	12' and 18'
5/8" x 15 1/4"	12' and 18'

### 4/4 x Thickness

Nominal	Actual	Lengths
1 x 2	3/4" x 1 1/2"	18'
1 x 4	3/4" x 3 1/2"	12' and 18'
1 x 5	3/4" x 4 1/2"	12' and 18'
1 x 6	3/4" x 5 1/2"	12' and 18'
1 x 8	3/4" x 7 1/4"	12' and 18'
1 x 10	3/4" x 9 1/4"	12' and 18'
1 x 12	3/4" x 11 1/4"	12' and 18'
1 x 16	3/4" x 15 1/4"	12' and 18'

### 5/4 x Thickness

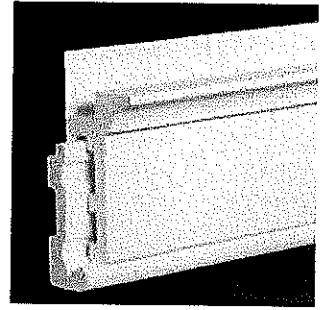
Nominal	Actual	Lengths
5/4 x 4	1" x 3 1/2"	12', 18', and 20'
5/4 x 5	1" x 4 1/2"	12', 18', and 20'
5/4 x 6	1" x 5 1/2"	12', 18', and 20'
5/4 x 8	1" x 7 1/4"	12', 18', and 20'
5/4 x 10	1" x 9 1/4"	12', 18', and 20'
5/4 x 12	1" x 11 1/4"	12', 18', and 20'
5/4 x 16	1" x 15 1/4"	12', 18', and 20'

### 6/4 x Thickness (Frontier Only)

Nominal	Actual	Lengths
6/4 x 4	1 1/4" x 3 1/2"	20'
6/4 x 6	1 1/4" x 5 1/2"	20'
6/4 x 8	1 1/4" x 7 1/4"	20'
6/4 x 10	1 1/4" x 9 1/4"	20'
6/4 x 12	1 1/4" x 11 1/4"	20'

## AZEK Finish Grade Trim\* (Traditional Only)

Two-piece trim system installs quickly and easily, saving time and labor costs while providing a beautiful, smooth, fastener-free trim surface. No need to fill, paint and sand nail holes. Perfect for door and window surrounds, but could be used in nearly any trim application.



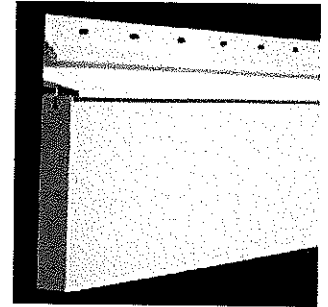
Base plate can be quickly and securely face nailed. Then the cover trim fits neatly over the base trim and includes a nailing flange to eliminate visible fasteners.

### Finish Grade Trim\*

Nominal	Actual	Lengths
6/4 x 4	1 1/4" x 4"	18'
6/4 x 6	1 1/4" x 6"	18'
3" x 3" (Miter Key Corner Reinforcement)		

## AZEK Universal Skirt Board\*

Providing the perfect transition between the siding and trim, as well as assisting in water management, the two piece Universal Skirt Board includes a reversible trimboard that is routed to accept a proprietary universal siding interface.



Unlike other skirtboards, AZEK Universal Skirt Board will work equally well with a variety of siding products including fiber cement, vinyl, cedar shingles or wood.

The AZEK Universal Skirt Board reduces labor, saves installation time and costs, and replaces the need for starter strips. It is perfect for use where water tables are not needed or desired.

### Universal Skirt Board\*

Nominal	Actual	Lengths
5/4 x 6	1" x 5 1/2"	18'
5/4 x 8	1" x 7 1/4"	18'
5/4 x 10	1" x 9 1/4"	18'
1 1/2" nailing flange length		
1/4" drip edge overhang		

\* Patent Pending  
† Traditional only



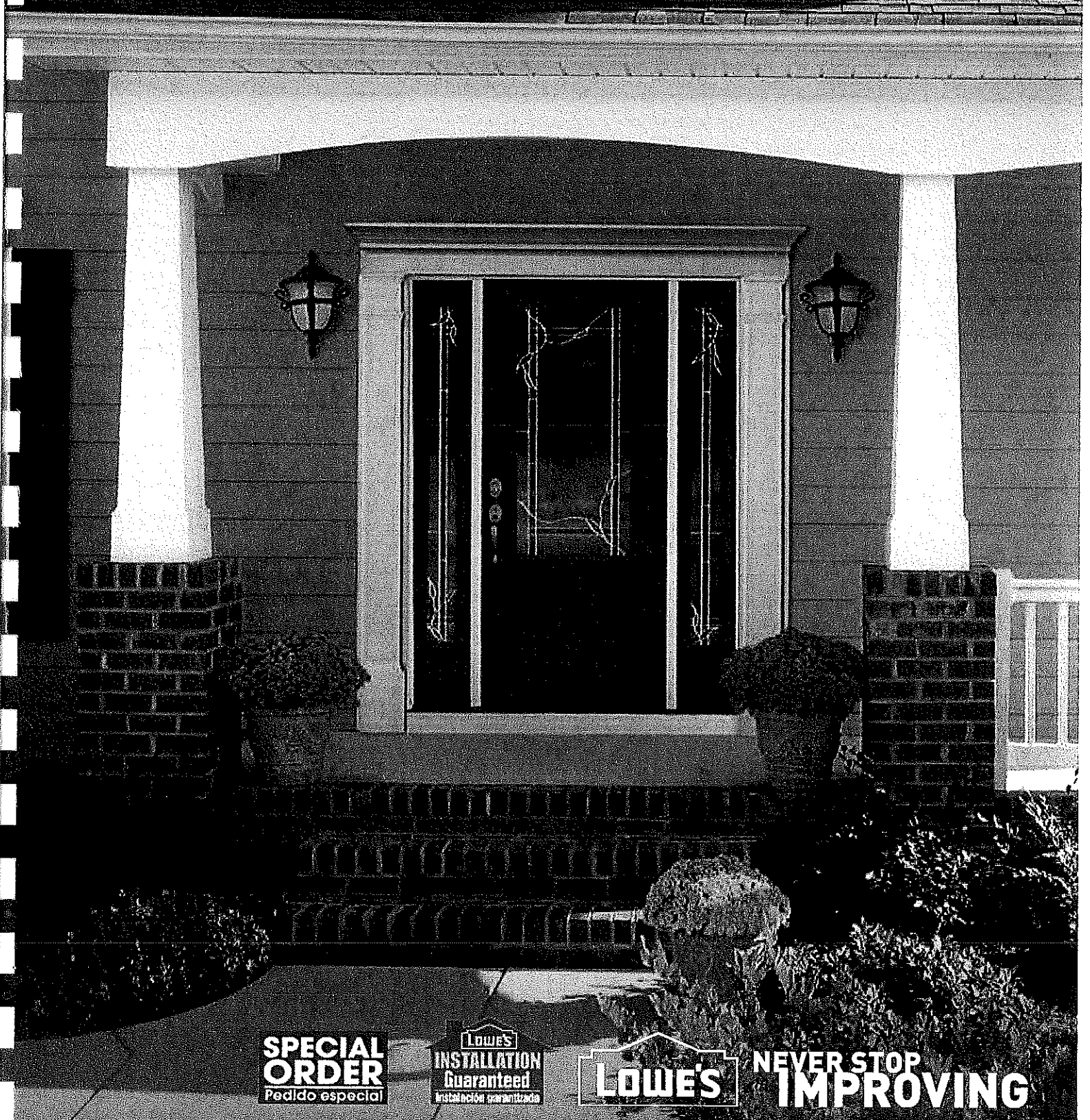
# Benchmark

by THERMA TRU.

Fiberglass Entry Doors

FREE

Reverso en español



**SPECIAL  
ORDER**  
Pedido especial

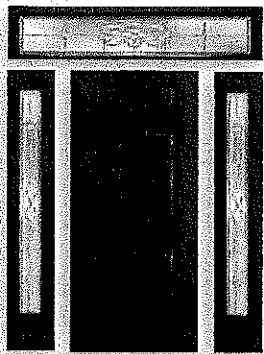
**LOWE'S**  
INSTALLATION  
Guaranteed  
Instalación garantizada

**LOWE'S**

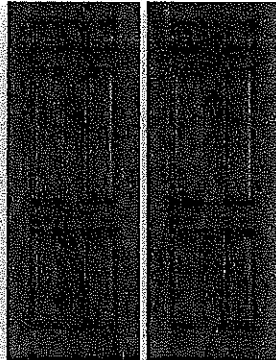
NEVER STOP  
IMPROVING

# Opaque & Clear Glass Doors

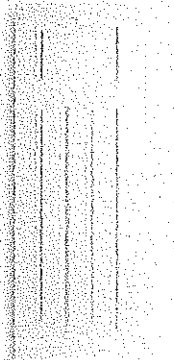
Puertas de vidrio transparente y opaco



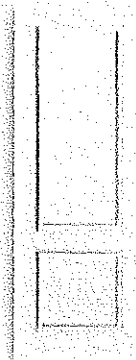
**Full Sidelite**  
Vidriera lateral completa  
M<sup>2</sup> O S  
**6 Panel**  
6 paneles  
M<sup>2</sup> O<sup>1</sup> S<sup>4</sup>  
**Rectangular Transom**  
Dintel rectangular<sup>1</sup>  
M O S



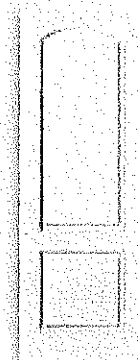
**8'0" Tall Double 6 Panel**  
8' de alto doble con 6 paneles  
M<sup>2</sup> O<sup>1</sup> S<sup>4</sup>



**8'0" Tall Craftsman**  
8' de alto Craftsman  
S



**8'0" Tall 2 Panel Square Top**  
8' de alto cuadrado de 2 paneles en la parte superior  
S



**8'0" Tall 2 Panel Soft Arch**  
8' de alto cuadrado de 2 paneles con arco suave  
S



**8'0" Tall 2 Panel Soft Arch Planked**  
8' de alto cuadrado de 2 paneles con arco suave y listones  
S

FRONT DOOR

REAR DOOR

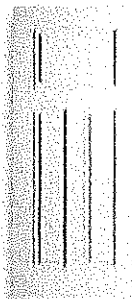
## Surface Options

Opciones de superficie

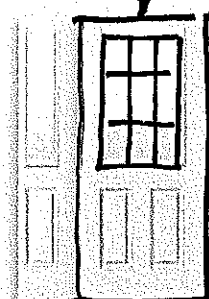
**M** Mahogany Series  
Serie Mahogany

**O** Oak Series  
Serie Oak

**S** Smooth Surface  
Superficie lisa



**Craftsman**  
S



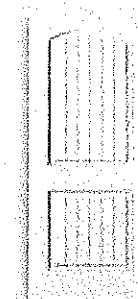
**3-Lite<sup>1</sup>**  
3 vidrieras<sup>1</sup>  
S



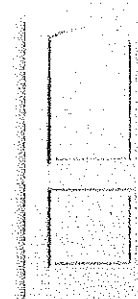
**9-Lite<sup>1</sup>**  
9 vidrieras<sup>1</sup>  
S



**3-Lite<sup>1</sup>**  
3 vidrieras<sup>1</sup>  
S

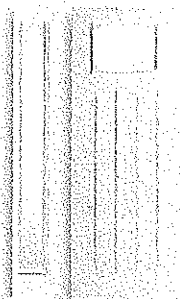


**2 Panel Rectangular Top**  
2 paneles, rectangular en la parte superior  
S

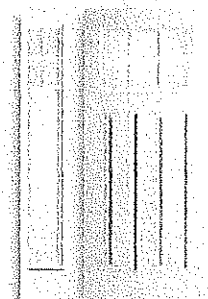


**2 Panel Soft Arch**  
2 paneles con arco suave  
S

**2 Panel Soft Arch**  
2 paneles con arco suave  
S



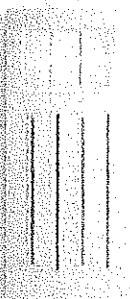
**Full Sidelite<sup>3</sup>**  
Vidriera lateral completa<sup>3</sup>  
S



**1-Lite Craftsman<sup>3</sup>**  
1 vidriera Craftsman<sup>3</sup>  
S



**4-Lite Sidelite<sup>3</sup>**  
Vidriera lateral dividida en 4<sup>1</sup>  
S



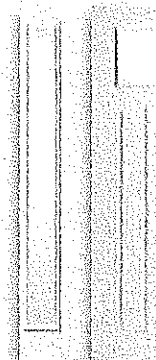
**6-Lite Craftsman<sup>3</sup>**  
6 vidrieras Craftsman<sup>3</sup>  
S



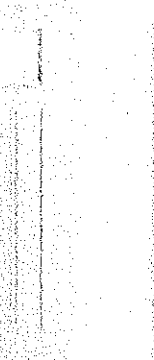
**Full Sidelite<sup>3</sup>**  
Vidriera lateral completa<sup>3</sup>  
M<sup>2</sup>



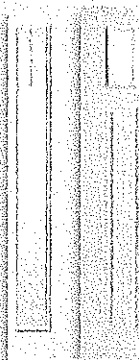
**1-Lite Craftsman<sup>3</sup>**  
1 vidriera Craftsman<sup>3</sup>  
M<sup>2</sup>



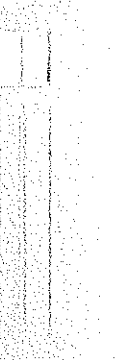
**8'0" Tall Full Sidelite<sup>3</sup>**  
8' de alto con vidriera lateral completa<sup>3</sup>  
S



**8'0" Tall 1-Lite Craftsman<sup>3</sup>**  
8' de alto con 1 vidriera Craftsman<sup>3</sup>  
S



**8'0" Tall 4-Lite Sidelite<sup>3</sup>**  
8' de alto con vidriera lateral dividida en 4<sup>1</sup>  
S



**8'0" Tall 6-Lite Craftsman<sup>3</sup>**  
8' de alto con 6 vidrieras Craftsman<sup>3</sup>  
S

1 Fixed external white grilles 1 Rejillas blancas externas fijas 2 Flush Fit Frame Marco de ajuste al ras 3 Low-E 3 De baja emisión 4 Available impact-rated (see associate for details) 4 Disponible con clasificación contra impactos (consulte a un asociado para más información) 5 Does not qualify for ENERGY STAR® 5 No califica para ENERGY STAR®



## Clad Insert Double Hung

### Unit Features

Clad Ultimate Insert Double Hung: CINDH

Clad Ultimate Transom Windows: CINDHT

Clad Ultimate Picture Windows: CINDHP

#### Frame:

- Frame depth is 3 1/4" (83)
- Sill thickness, head and side jambs are 2 1/32" (17) with 1 5/16" (33) wide composite jambs.
- Sill options available: 8 degree or 14 degree bevel at the bottom or a flat sill with 1 5/32" (29) thickness.

#### Sash:

- Nominal sash thickness: 1 5/8" (41) with 3/4" (19) insulating glass. For Tri-pane glass, 1 7/8" (48) sash is required.
- Picture sash thickness: 2" (51) with 1" (25) glass.
- Operating sash are removable for cleaning.
- Incorporates traditional wide bottom rail in bottom sash - 3 9/16" (90).
- Single Hung conversion kits available. Cottage and oriel sash configuration available.

#### Hardware:

- Sash lock and keeper: Open style crescent cam lock with sash release lever, surface mounted. Color: Satin Taupe. Optional colors: Bronze, White, Brass, Antique Brass, Satin Chrome, Satin Nickel and Oil Rubbed Bronze.
- Balance system: block and tackle coil spring.
- The jamb track is a vinyl extrusion. Color: Beige. Optional color: White.

#### Weather Strip:

- Jamb weather strip is a foam type weather strip which seals against both the bottom sash and top sash stiles.
- Top sash has a weather strip on the check rail that seals to the bottom sash check rail when the sash lock is engaged.
- The top rail seals against a weather strip on the head jamb parting stop.
- The bottom sash has a weather strip on the bottom of the lower rail which seals against the sill.

#### Insect Screens:

- Standard Screen is roll formed aluminum.
- Aluminum screen: Full Screen standard, half screen optional.
- Aluminum surround to match exterior frame clad color.
- Screen mesh: Standard is Charcoal Fiberglass. Optional: Charcoal High Transparency Fiberglass Mesh, Charcoal Aluminum Wire, Black Aluminum Wire, Bright Aluminum Wire, or Bright Bronze Aluminum Wire.
- Optional Double Hung Magnum Screen, extruded aluminum screen.

#### Glass:

- Glazing seal: Silicone glazed.
- Standard glass is insulating LoE<sup>®</sup>272<sup>®</sup> with Argon or Air.
- Insulating glass will be altitude adjusted with capillary tubes for higher elevations. Argon gas is not available for elevations that require capillary tubes.

#### Optional Glass

- LoE<sup>®</sup>180<sup>™</sup> with Argon or Air, LoE<sup>®</sup> 366<sup>®</sup> with Argon or Air, clear, tints, tempered, obscure and others.
- LoE<sup>®</sup> 366<sup>®</sup> with Argon or Air, LoE<sup>®</sup>180<sup>™</sup> with Argon or Air, Laminated, Tempered, Obscure, Bronze tint, Gray tint, Reflective Bronze or clear.
- 1" Tripane LoE-180<sup>™</sup> outer piece and LoE-180<sup>™</sup> inner piece with Argon
- 1" Tripane LoE-180<sup>™</sup> outer piece and LoE-180<sup>™</sup> inner piece with Krypton/Argon
- 1" Tripane LoE<sup>®</sup>272<sup>®</sup> outer piece and LoE<sup>®</sup>272<sup>®</sup> inner piece with Argon
- 1" Tripane LoE<sup>®</sup>272<sup>®</sup> outer piece and LoE<sup>®</sup>272<sup>®</sup> inner piece with Krypton/Argon
- 1" Tripane LoE<sup>®</sup> 366<sup>®</sup> outer piece and LoE-180<sup>™</sup> inner piece with Argon
- 1" Tripane LoE<sup>®</sup> 366<sup>®</sup> outer piece and LoE-180<sup>™</sup> inner piece with Krypton/Argon

## Unit Features

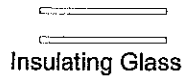
### Accessories:

- Installation Accessories
  - Factory installed vinyl sill fin (8 degree sill option only)
  - Two (2) 5/16" - #10 x 2 1/2" jamb jack screws
  - Four (4) #7 x 2" Phillips pan-head installation screws
  - Two (2) jamb liner check rail pads
  - Two (2) color matched clad jamb plugs (exterior).
  - Two (2) wood flat head plugs (interior).
- Sash Lifts
  - High pressure zinc die-cast.
  - Color: Satin Taupe. Optional colors: Bronze, White, Brass, Antique Brass, Satin Chrome, Satin Nickel and Oil Rubbed Bronze.
- Aluminum Extrusions
  - Profiles: Frame Expander, Extruded Panning, Mullion covers as indicated by drawings.
  - Finish: Fluoropolymer modified acrylic topcoat applied over primer. Available in standard, select, and custom colors.

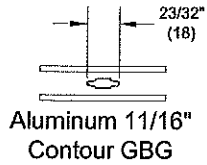


# Clad Insert Double Hung

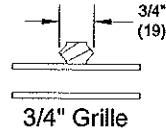
## Standard Divided Lite Option



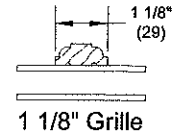
Insulating Glass



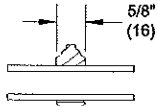
Aluminum 11/16"  
Contour GBG



3/4" Grille



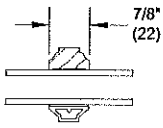
1 1/8" Grille



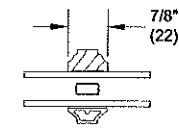
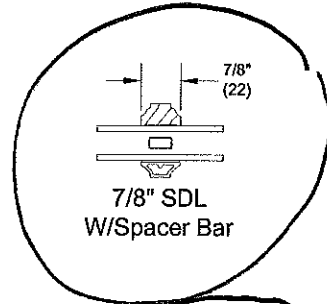
5/8" SDL



5/8" SDL  
W/Spacer



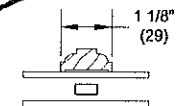
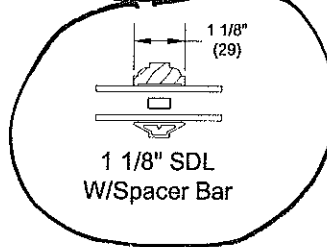
7/8" SDL



7/8" SDL  
W/Spacer Bar

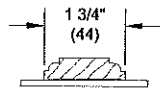


1 1/8" SDL

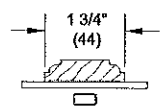


1 1/8" SDL  
W/Spacer Bar

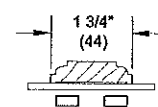
*DEPENDING UPON LOCATION*



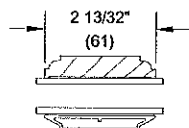
1 3/4" SDL



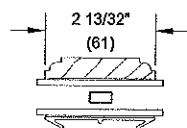
1 3/4" SDL  
W/One Spacer Bar



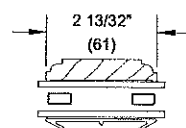
1 3/4" SDL  
W/Two Spacer Bars



2 13/32" SDL



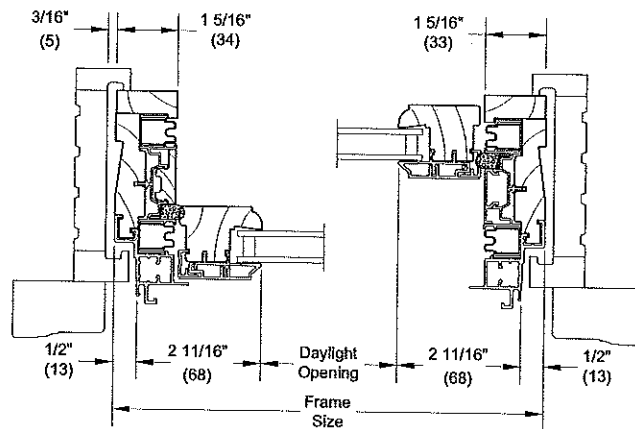
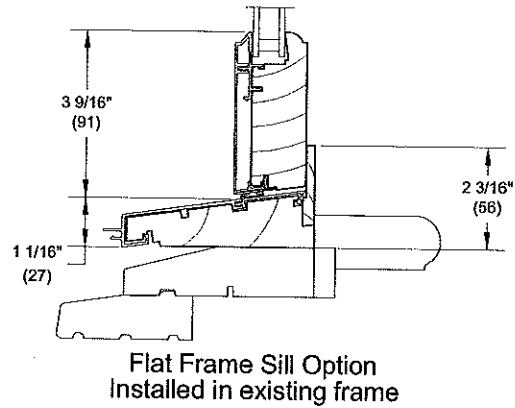
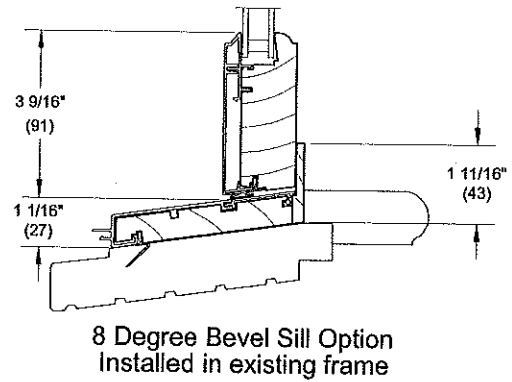
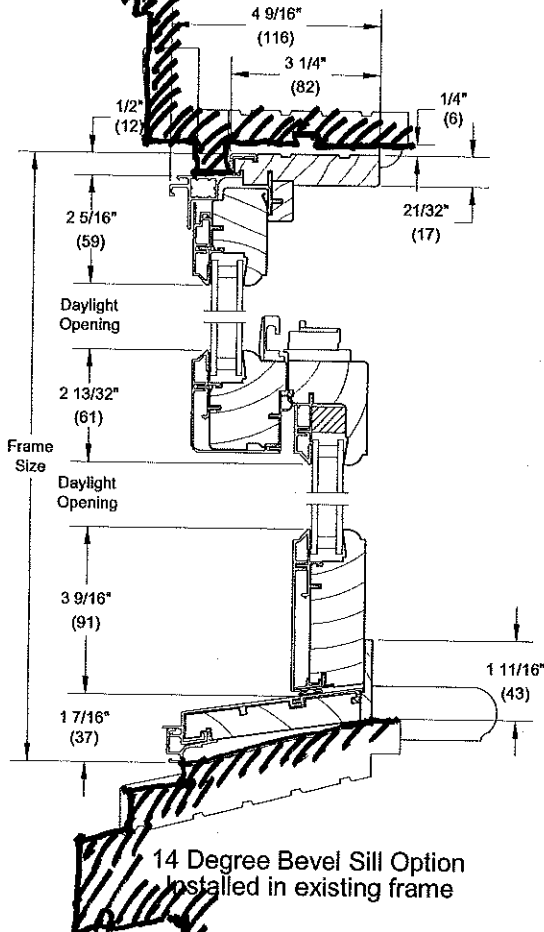
2 13/32" SDL  
W/One Spacer Bar



2 13/32" SDL  
W/Two Spacer Bars

# Clad Insert Double Hung Section Details Operating

Scale: 3" = 1' 0"





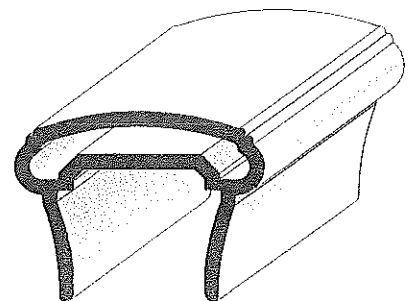


# AZEK Rail Trademark



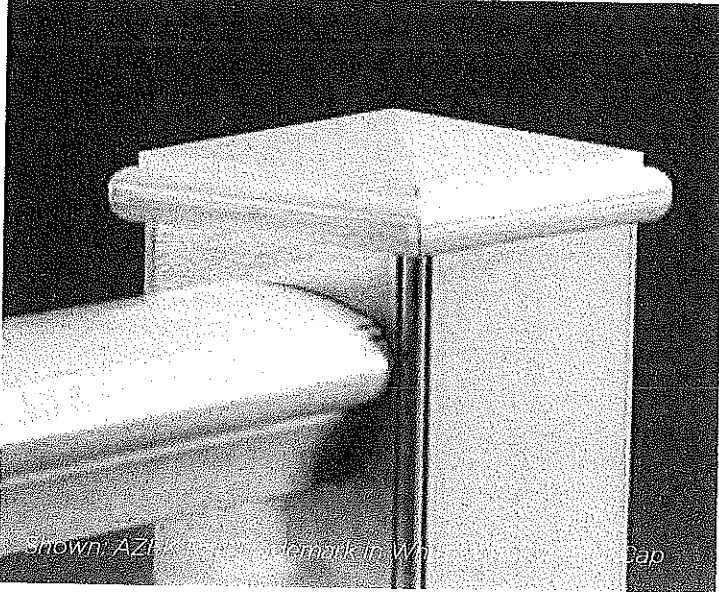
White

AZEK Rail Trademark, a Colonial profile, is available in white and offers you the ability to customize with five unique infill options: composite balusters, round aluminum balusters, square aluminum balusters, cable and our new glass kit. AZEK Rail Trademark is also available in 10' sections.

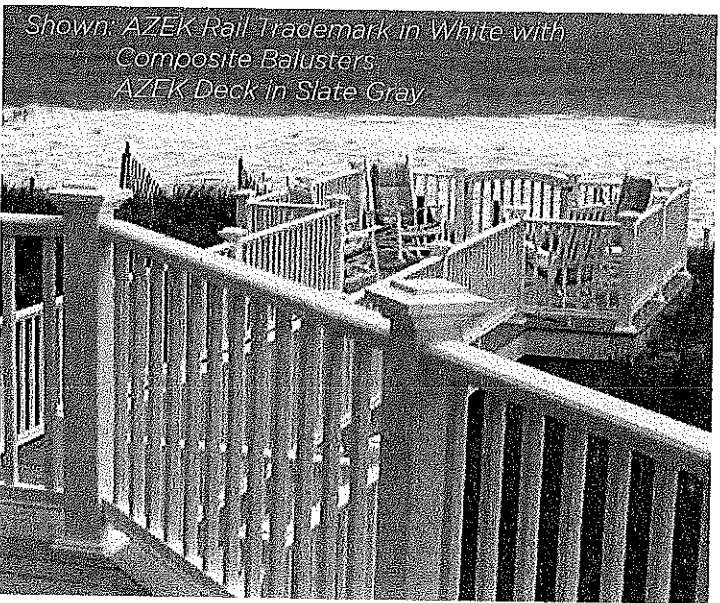




*Shown: AZEK Rail Trademark in White with Composite Balusters  
AZEK Deck in Slate Gray*



*Shown: AZEK Rail Trademark in White with Composite Balusters*



*Shown: AZEK Rail Trademark in White with Composite Balusters  
AZEK Deck in Slate Gray*