

10/59-02B RETRO - 26008 Frederick Rd.<sup>R</sup>  
(Hyattstown Historic District)



# HYATTSTOWN CHRISTIAN CHURCH

(Disciples of Christ)

September 8, 2002

Debra L. Flook, Hyattstown Christain Church

3006 Roderick Road

Frederick, MD.21704

*Hyattstown Christian  
Ceiling  
Methodist Ceiling too*

To Whom It May Concern,

On June 12, 2002 the Montgomery County Historic Preservation Commission "Approved with Conditions", our HAWP application for the retroactive replacement of the windows in the church's parsonage (address: 26012 Frederick Road, Hyattstown, MD.). The condition was to remove the snap-in muntin-grids and leave as 1/1. When we proceeded to carry out this task we quickly learned that the muntin-grids were made between the glasses and aren't removable. I spoke with Robin Ziek of the Historic Preservation Planners about the problem and she advised me to write a letter concerning the problem and to also agree to replace any future windows with 1/1.

You may contact me by phone at 301-695-2678 (cell 240-409-6022) or by mail at the above address. I will be waiting to hear from you. Thank you in advance for your time.

*9/1*

Debra L. Flook, Hyattstown Christain Church

*Debra L Flook*

*301. 895. 2678*



THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION  
Office of the Chairman, Montgomery County Planning Board

October 1, 2002

Debra L. Flook  
Hyattstown Christian Church  
3006 Roderick Road  
Frederick, MD 21704

Dear Ms. Flook:

Thank you for your letter of September 8, 2002, where you discuss the retroactive approval which was given by the HPC for the replacement windows in the church's parsonage at 26012 Frederick Road. You note that the new windows which were installed actually have flat muntin grids sandwiched between the thermal glazing panels, and they can't be removed.

The original windows were wood, with 9/1 muntins, as documented in a slide in the HPC offices. The HPC was misinformed that the windows used snap-in grids, and the retroactive approval, given on 6/12/02, required removal of the snap-in muntin grids.

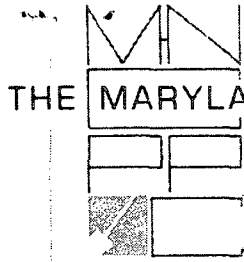
Staff notes that the HPC is not supportive of the removal of original windows on historic structures. Where window replacement has been approved, the HPC typically stipulates matching the original muntin pattern with either thermally glazed true-divided light windows, or simulated true-divided light windows. In this case, your application doesn't match this standard in terms of window pattern or construction.

As a matter of compromise, I think that the intent of the HPC was corrective rather than punitive. At this point, it would be punitive to require removal of the replacement windows. However, at the point in time (10-15 years from now), when the new windows have to be replaced, staff requests that the new replacement windows meet the HPC standard. They should be 9/1 wood windows, either true-divided light or simulated true-divided light.

I would appreciate a response from you, indicating your agreement on this course of action. If you have any questions, please do not hesitate to call me at 301-563-3408.

Sincerely yours,

Robin D. Ziek  
Historic Preservation Planner



THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION  
8787 Georgia Avenue • Silver Spring, Maryland 20910-3760

June 20, 2002

**MEMORANDUM**

TO: Robert Hubbard, Director  
Department of Permitting Services

FROM: *GW* Gwen Wright, Coordinator  
Historic Preservation

SUBJECT: Historic Area Work Permit 10/59-02C

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The Montgomery County Historic Preservation Commission has reviewed the attached application for a Historic Area Work Permit. This application was:

Approved       Denied       **Approved with Conditions:**

1. There will be no snap-in muntin grids used on these windows. They shall be left as 1/1.

and subject to the general conditions that **1) HPC Staff will review and stamp the construction drawings prior to the applicant's applying for a building permit with DPS;** and 2) after issuance of Montgomery County Department of Permitting Services (DPS) permit, applicant to arrange for a field inspection by calling the DPS Field Services Office at (301) 217-6240 prior to commencement of work and not more than two weeks following completion of work.

**THE BUILDING PERMIT FOR THIS PROJECT SHALL BE ISSUED CONDITIONAL UPON ADHERENCE TO THE APPROVED HISTORIC AREA WORK PERMIT (HAWP).**

Applicant: The Hyattstown Christian Church - 26008 Frederick Road - Hyattstown  
C/o Mr. & Mrs. Eddie Flook  
3006 Roderick Road  
Frederick, MD 21704



RETURN TO: DEPARTMENT OF PERMITTING SERVICES  
 150 HUNGERFORD DRIVE, ROCKVILLE, MARYLAND, 20850  
 301/217-3370

DPS - #8

HISTORIC PRESERVATION COMMISSION  
 301/495-4570

# APPLICATION FOR HISTORIC AREA WORK PERMIT

Contact Person: EDDIE / DOBBIE  
 Daytime Phone No. 301-695-2678 or

Tax Account No.: \_\_\_\_\_  
 Name of Property Owner: HYATTSDOWN CHURCH INC Daytime Phone No.: \_\_\_\_\_  
 Address: 26008 26012 26010 TRINITY RD HYATTSVILLE, MD  
Street Number City State Zip Code  
 Contractor: N/A Phone No.: \_\_\_\_\_  
 Contractor Registration No.: \_\_\_\_\_  
 Agent for Owner: \_\_\_\_\_ Daytime Phone No.: \_\_\_\_\_

**LOCATION OF BUILDING/PREMISE**  
 House Number: SKOV AS ABOVE Street: The Parsonage  
 Town/City: \_\_\_\_\_ Nearest Cross Street: \_\_\_\_\_  
 Loc: \_\_\_\_\_ Block: \_\_\_\_\_ Subdivision: \_\_\_\_\_  
 Liber: \_\_\_\_\_ Folio: \_\_\_\_\_ Parcel: \_\_\_\_\_

**PART ONE: TYPE OF PERMIT ACTION AND USE**

1A. CHECK ALL APPLICABLE:

<input checked="" type="checkbox"/> Construct	<input type="checkbox"/> Extend	<input checked="" type="checkbox"/> Alter/Renovate	<input type="checkbox"/> AC	<input type="checkbox"/> Slab	<input type="checkbox"/> Room Addition	<input type="checkbox"/> Porch	<input type="checkbox"/> Deck	<input type="checkbox"/> Shed
<input type="checkbox"/> Move	<input checked="" type="checkbox"/> Install	<input type="checkbox"/> Wreck/Raze	<input type="checkbox"/> Solar	<input type="checkbox"/> Fireplace	<input type="checkbox"/> Woodburning Stove	<input type="checkbox"/> Single Family		
<input type="checkbox"/> Revision	<input checked="" type="checkbox"/> Repair	<input type="checkbox"/> Revocable	<input type="checkbox"/> Fence/Wall (complete Section 4)	<input checked="" type="checkbox"/> Other: <u>EXISTING</u>		<u>WINDUP, DAMM INSTALL</u>		

1B. Construction cost estimate: \$ \_\_\_\_\_  
 1C. If this is a revision of a previously approved active permit, see Permit # \_\_\_\_\_

**PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXTEND/ADDITIONS**

2A. Type of sewage disposal: 01  WSSC 02  Septic 03  Other: \_\_\_\_\_  
 2B. Type of water supply: 01  WSSC 02  Well 03  Other: \_\_\_\_\_

**PART THREE: COMPLETE ONLY FOR FENCE/RETAINING WALL**

3A. Height \_\_\_\_\_ feet \_\_\_\_\_ inches  
 3B. Indicate whether the fence or retaining wall is to be constructed on one of the following locations:  
 On party line/property line  Entirely on land of owner  On public right of way/easement

I hereby certify that I have the authority to make the foregoing application, that the application is correct, and that the construction will comply with plans approved by all agencies listed and I hereby acknowledge and accept this to be a condition for the issuance of this permit.

→ Debra O'Hara Signature of owner or authorized agent Date: 5-5-02

Approved: X with Conditions Signature: \_\_\_\_\_ Date: 6/12/02  
 Disapproved: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Application/Permit No. \_\_\_\_\_ Date Filed: \_\_\_\_\_ Date Issued: \_\_\_\_\_

SEE REVERSE SIDE FOR INSTRUCTIONS

**HISTORIC PRESERVATION COMMISSION STAFF REPORT**

Address: 26008 Frederick Road Meeting Date: 6/12/02  
 Applicant: The Hyattstown Christian Church Report Date: 6/5/02  
 (Debbie Flook, Agent)  
 Resource: Hyattstown Historic District Public Notice: 5/29/02  
 Review: **HAWP- RETROACTIVE** Tax Credit: No  
 Resource Number: 10/59-02C Staff: Robin D. Ziek

**PROPOSAL:** Remove original 9/1 windows; replace with vinyl clad wood windows with 8/1 snap-in grid.

**RECOMMEND:** Approval with conditions:

1. There will be no snap-in muntin grids used on these windows. They shall be left as 1/1.

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**RESOURCE:** Contributing Resource in Hyattstown Historic District  
**STYLE:** colonial Revival  
**DATE:** early 20<sup>th</sup> century

*Approved*

This wood frame building is the parsonage for the Hyattstown Christian Church. The church came to the HPC in February 2000 for a HAWP for a rear addition to the parsonage, and this was approved by the HPC. Subsequently, the applicant removed all of the original windows and installed replacement windows. The original wood windows were 9/1 and the replacement windows are 8/1 with a snap-in grid. They are vinyl-clad wood windows.

**PROPOSAL**

The Church now seeks to come into compliance with Chapter 24A of the County Code. They ask retroactive approval for the window replacement.

**STAFF DISCUSSION**

The applicant was of the understanding that the above work would not need a HAWP because DPS does not require a building permit for window replacement. In fact, windows were removed as part of the approved rear addition work, and the HPC condition of approval for that was that the windows could be removed, but should be stored on site or donated to Old House Parts for reuse at another site.

HPC staff has met with the applicant on site to discuss the HPC requirements, and staff is satisfied that the applicant understands that **all exterior changes and alterations have to be reviewed by the HPC prior to doing the work.** This includes alterations to doors and windows.

The proposed replacement of original windows is discouraged for historic resources. This is a Colonial Revival style 20<sup>th</sup> century resource, and the 9/1 pattern is common for that time period. Staff feels that the 8/1 pattern for the new window would not be such a big change if the muntin were fixed. However, snap-in grids do not perform in the same manner as the fixed muntins, in terms of shadow lines and depth. Therefore, the use of the snap-in muntins is inappropriate in the historic district, and they should be removed. The 1/1 window pattern is also a 20<sup>th</sup> century typical window for double-hung sash, and this will minimize the effect on the overall historic district.

### **STAFF RECOMMENDATION**

Staff recommends, with the following Conditions, that the Commission find this proposal consistent with the purposes of Chapter 24A-8(b)2:

The proposal is compatible in character and nature with the historical, archeological, architectural or cultural features of the historic site, or the historic district in which an historic resource is located and would not be detrimental thereto or to the achievement of the purposes of this chapter;

and with *Secretary of the Interior's Standards for Rehabilitation #6*:

Deteriorated historic features shall be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature shall match the old in design, color, texture, and, where possible, materials.

### **CONDITIONS:**

1. There will be no snap-in muntin grids used on these windows. They shall be left as 1/1.

and subject to the general condition that, after issuance of the Montgomery County Department of Permitting Services (DPS) permit, the applicant arrange for a field inspection by calling the DPS Field Services Office at (301) 217-6240 prior to commencement of work and not more than two weeks following completion of work.



RETURN TO DEPARTMENT OF PERMITTING SERVICES  
250 HUNGERFORD DRIVE, ROCKVILLE, MARYLAND 20850  
301/217-6370

DPS - #8

HISTORIC PRESERVATION COMMISSION  
301/495-4570

APPLICATION FOR  
HISTORIC AREA WORK PERMIT

Contact Person: EDDIE/DOBBIE FLOOK  
Daytime Phone No. 301-695-2678 or

Tax Account No.: \_\_\_\_\_  
Name of Property Owner: HYATTSTOWN CHRISTIAN CHURCH Daytime Phone No.: \_\_\_\_\_  
Address: 26008, 26012, 26016 FREDERICK RD HYATTSTOWN, MD  
Street Number City State Zip Code  
Contractor: N/A Phone No.: \_\_\_\_\_  
Contractor Registration No.: \_\_\_\_\_  
Agent for Owner: Debra Flook 3009 Roderick Rd. Frederick MD 21704 Daytime Phone No.: \_\_\_\_\_

LOCATION OF BUILDING/PREMISE

House Number: SAME AS ABOVE Street: \_\_\_\_\_  
Town/City: \_\_\_\_\_ Nearest Cross Street: \_\_\_\_\_  
Loc: \_\_\_\_\_ Block: \_\_\_\_\_ Subdivision: \_\_\_\_\_  
Liber: \_\_\_\_\_ Folio: \_\_\_\_\_ Parcel: \_\_\_\_\_

PART ONE: TYPE OF PERMIT ACTION AND USE

1A. CHECK ALL APPLICABLE:

- Construct
- Extend
- Alter/Renovate
- Move
- Install
- Wreck/Plaze
- Revision
- Repair
- Revocable

CHECK ALL APPLICABLE:

- AC
- Slab
- Room Addition
- Porch
- Deck
- Shed
- Solar
- Fireplace
- Woodburning Stove
- Single Family
- Other: PAVING, TREE REMOVAL, WINDOW/DOOR INSTALLATION, RAMP INSTALLATION

1B. Construction cost estimate: \$ \_\_\_\_\_

1C. If this is a revision of a previously approved active permit, see Permit # \_\_\_\_\_

PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXTEND/ADDITIONS

2A. Type of sewage disposal: 01  WSSC 02  Septic 03  Other: \_\_\_\_\_  
2B. Type of water supply: 01  WSSC 02  Well 03  Other: \_\_\_\_\_

PART THREE: COMPLETE ONLY FOR FENCE/RETAINING WALL

3A. Height \_\_\_\_\_ feet \_\_\_\_\_ inches

3B. Indicate whether the fence or retaining wall is to be constructed on one of the following locations:

- On party line/property line
- Entirely on land of owner
- On public right of way/easement

I hereby certify that I have the authority to make the foregoing application, that the application is correct, and that the construction will comply with plans approved by all agencies listed and I hereby acknowledge and accept this to be a condition for the issuance of this permit.

→ Debra Flook  
Signature of owner or authorized agent

5-5-02  
Date

Approved: \_\_\_\_\_ Date: \_\_\_\_\_  
Disapproved: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Application/Permit No. \_\_\_\_\_ Date Filed: \_\_\_\_\_ Date Issued: \_\_\_\_\_

3

SEE REVERSE SIDE FOR INSTRUCTIONS



**THE FOLLOWING ITEMS MUST BE COMPLETED AND THE  
REQUIRED DOCUMENTS MUST ACCOMPANY THIS APPLICATION.**

1. **WRITTEN DESCRIPTION OF PROJECT**

- a. Description of existing structure(s) and environmental setting, including their historical features and significance:

SEE ATTACHED

- b. General description of project and its effect on the historic resource(s), the environmental setting, and, where applicable, the historic district:

SEE ATTACHED

**SITE PLAN**

Site and environmental setting, drawn to scale. You may use your plat. Your site plan must include:

- a. the scale, north arrow, and date;
- b. dimensions of all existing and proposed structures; and
- c. site features such as walkways, driveways, fences, ponds, streams, trash dumpsters, mechanical equipment, and landscaping.

3. **PLANS AND ELEVATIONS**

You must submit 2 copies of plans and elevations in a format no larger than 11" x 17". Plans on 8 1/2" x 11" paper are preferred.

- a. *Schematic construction plans*, with marked dimensions, indicating location, size and general type of walls, window and door openings, and other fixed features of both the existing resource(s) and the proposed work.
- b. Elevations (facades), with marked dimensions, clearly indicating proposed work in relation to existing construction and, when appropriate, context. All materials and fixtures proposed for the exterior must be noted on the elevations drawings. An existing and a proposed elevation drawing of each facade affected by the proposed work is required.

4. **MATERIALS SPECIFICATIONS**

General description of materials and manufactured items proposed for incorporation in the work of the project. This information may be included on your design drawings.

5. **PHOTOGRAPHS**

- a. Clearly labeled photographic prints of each facade of existing resource, including details of the affected portions. All labels should be placed on the front of photographs.
- b. Clearly label photographic prints of the resource as viewed from the public right-of-way and of the adjoining properties. All labels should be placed on the front of photographs.

6. **TREE SURVEY**

If you are proposing construction adjacent to or within the dripline of any tree 6" or larger in diameter (at approximately 4 feet above the ground), you must file an accurate tree survey identifying the size, location, and species of each tree of at least that dimension.

7. **ADDRESSES OF ADJACENT AND CONFRONTING PROPERTY OWNERS**

For ALL projects, provide an accurate list of adjacent and confronting property owners (not tenants), including names, addresses, and zip codes. This list should include the owners of all lots or parcels which adjoin the parcel in question, as well as the owner(s) of lot(s) or parcel(s) which lie directly across the street/highway from the parcel in question. You can obtain this information from the Department of Assessments and Taxation, 51 Monroe Street, Rockville, (301/279-1355).

**HAWP APPLICATION: MAILING ADDRESSES FOR NOTICING**  
 [Owner, Owner's Agent, Adjacent and Confronting Property Owners]

<p><b>Owner's mailing address</b>                  HYATTSTOWN CHRISTIAN CHURCH                  26008 FREDERICK RD                  CLARKSBURG, MD 20871</p>	<p><b>Owner's Agent's mailing address</b>                  MR + MRS EDDIE FLOOK                  3000 FREDERICK RD                  FREDERICK, MD 21704</p>
--	---

**Adjacent and confronting Property Owners mailing addresses**

<p>JOSEPH LONGO                  26000 FREDERICK RD                  CLARKSBURG, MD                  20871</p>	<p>JEFF + KATE FONES                  26011 FREDERICK RD                  CLARKSBURG, MD                  20871</p>
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<p>THOMAS BARSE                  26004 FREDERICK RD                  CLARKSBURG, MD                  20871</p>	
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5

## **1. Written Description**

The proposal is for the Hyattstown Christian Church, Parsonage and bungalow-all of which are owned by the church. The existing church was constructed in 1870 with a rear/side addition, which houses classrooms, restrooms and a fellowship hall constructed in 1950. The parsonage was constructed in 1950. Both of these are outstanding resources within the historic district. In addition, the bungalow is located on the church's property. The bungalow (1948) is a non-contributing resource within the historic district.

## **2. Proposal**

The applicants are proposing:

### **Church:**

1. Install a 58'x 61' asphalt parking lot @ the rear of the church.
2. Install a 110' long by 10' wide asphalt driveway from the existing front parking lot to the proposed rear lot.
3. Remove incompatible front doors and install 6 paneled oak double doors.
4. Install a handicapped ramp along the North side of the church, to provide accessibility to the church.

### **Parsonage:**

1. Replace existing 6/1 wood windows with 6/1 snap- in muntin vinyl clad wood windows. (Applicants are willing to remove snap-in muntin design and proposed 1/1 vinyl clad wood windows.)

### **Bungalow**

1. Replace in-kind existing front porch.
2. Replace existing 3/1 wood windows with 1/1, vinyl clad wood windows.

### **Landscape**

1. Remove Wild Cherry trees along the north side of the church's front parking lot and along north side of church adjacent to proposed handicapped ramp. The existing trees produce fruit that is tracked into the church causing stains on the carpet. The trustees of the church also wish to remove these trees to provide a cohesive property. Please note, in the last 6 years there has been 7 White Pines planted and are proposing to plant an additional three Dogwoods.
2. Remove existing chicken wire fence that is in disrepair along the perimeter of the north side of the parking lot.

Parsonage

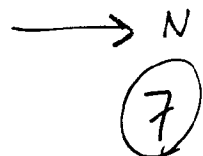
church

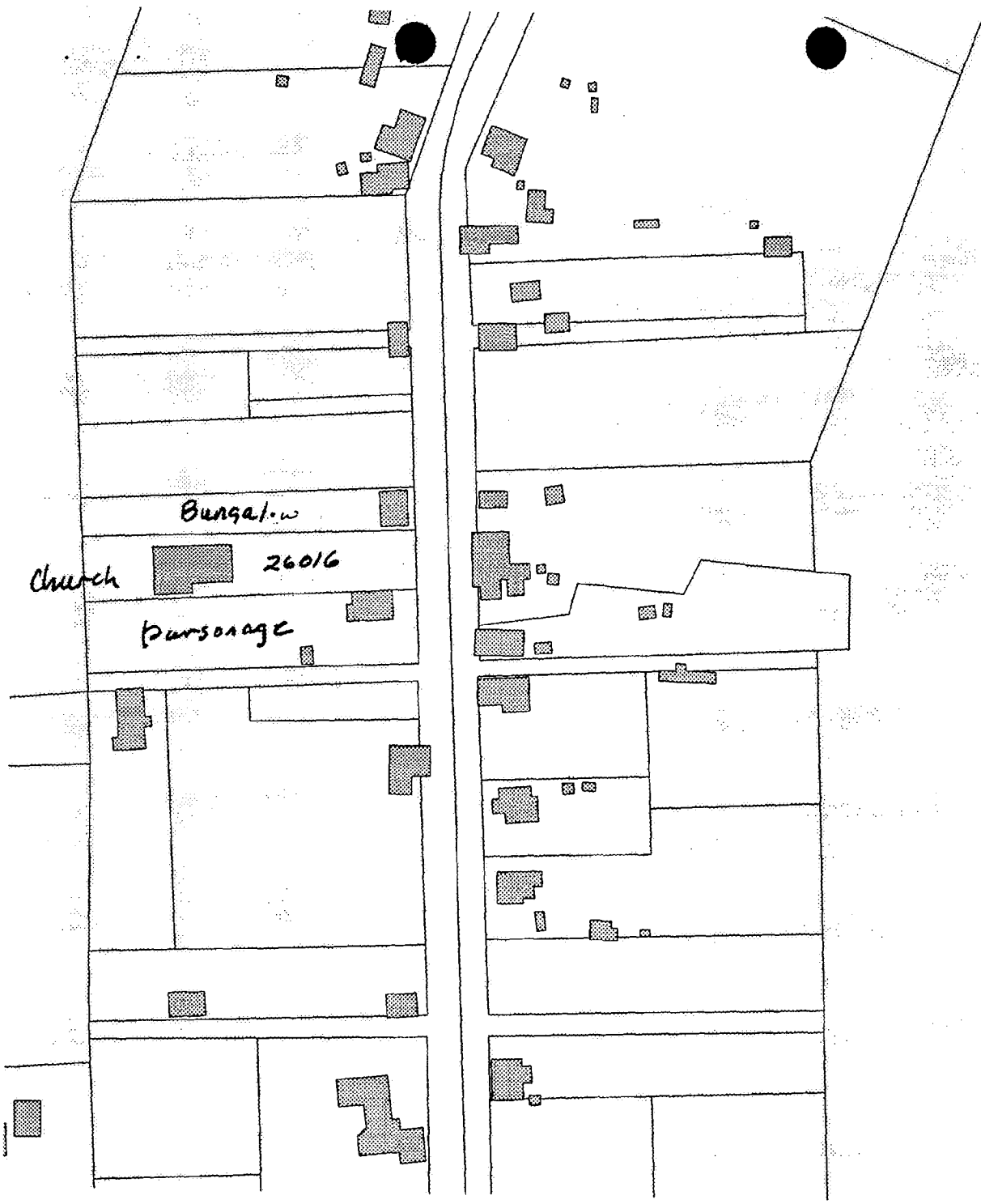
bungalow



VIEW OF SUBJECT PROPERTY

Looking west





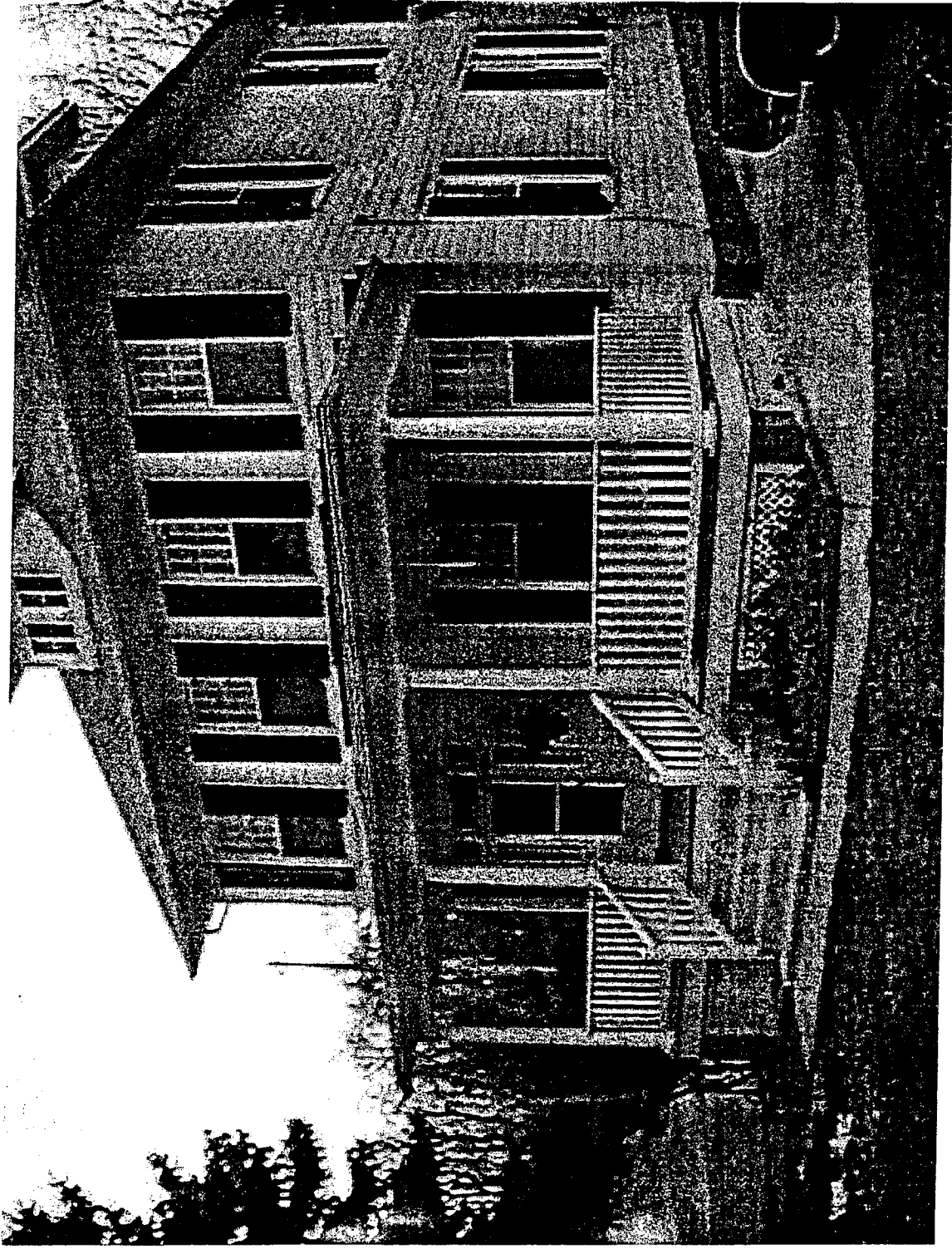
Church

Bungalow

26016

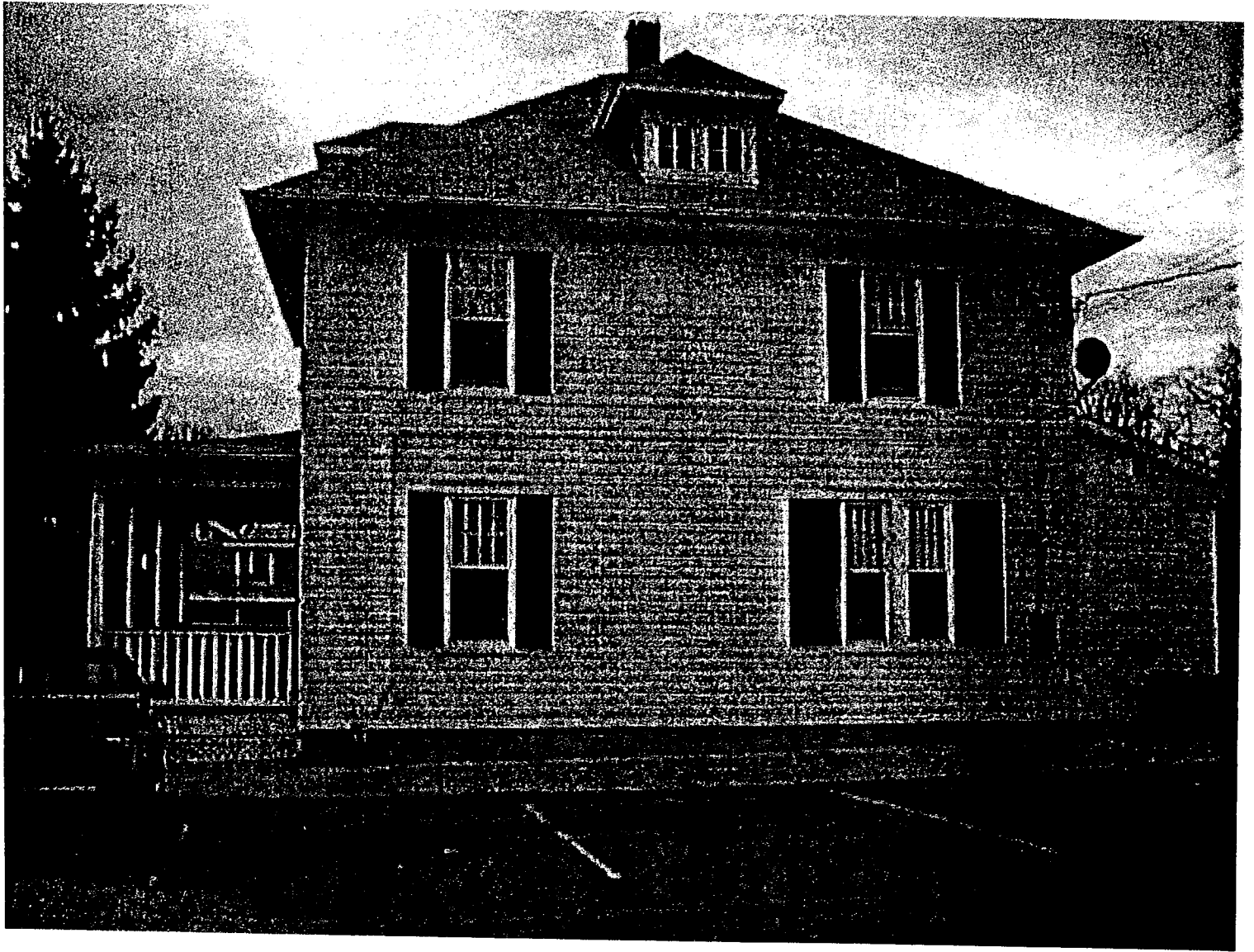
Parsonage

8



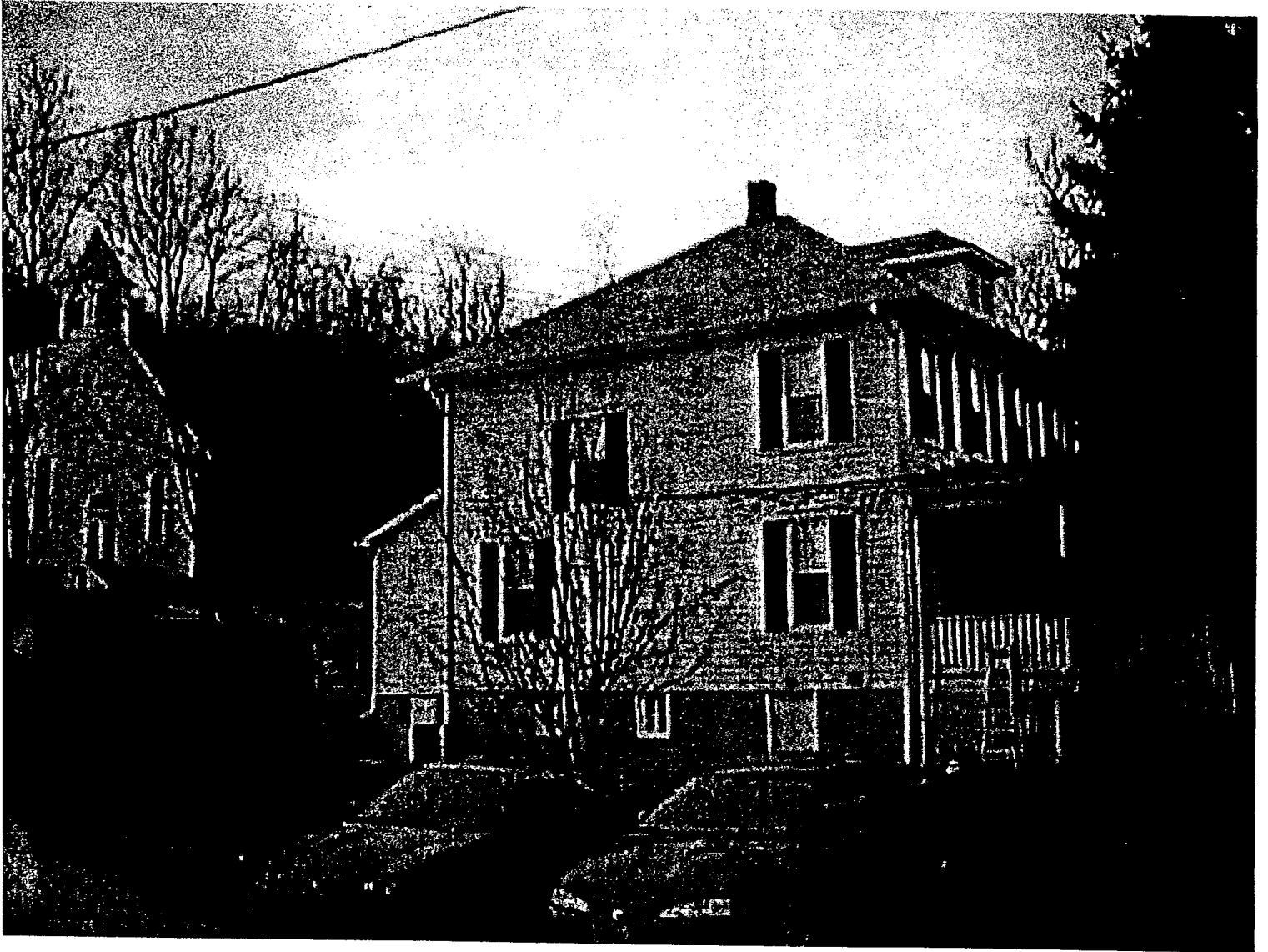
PROPOSED WINDOWS TO BE INSTALLED

9



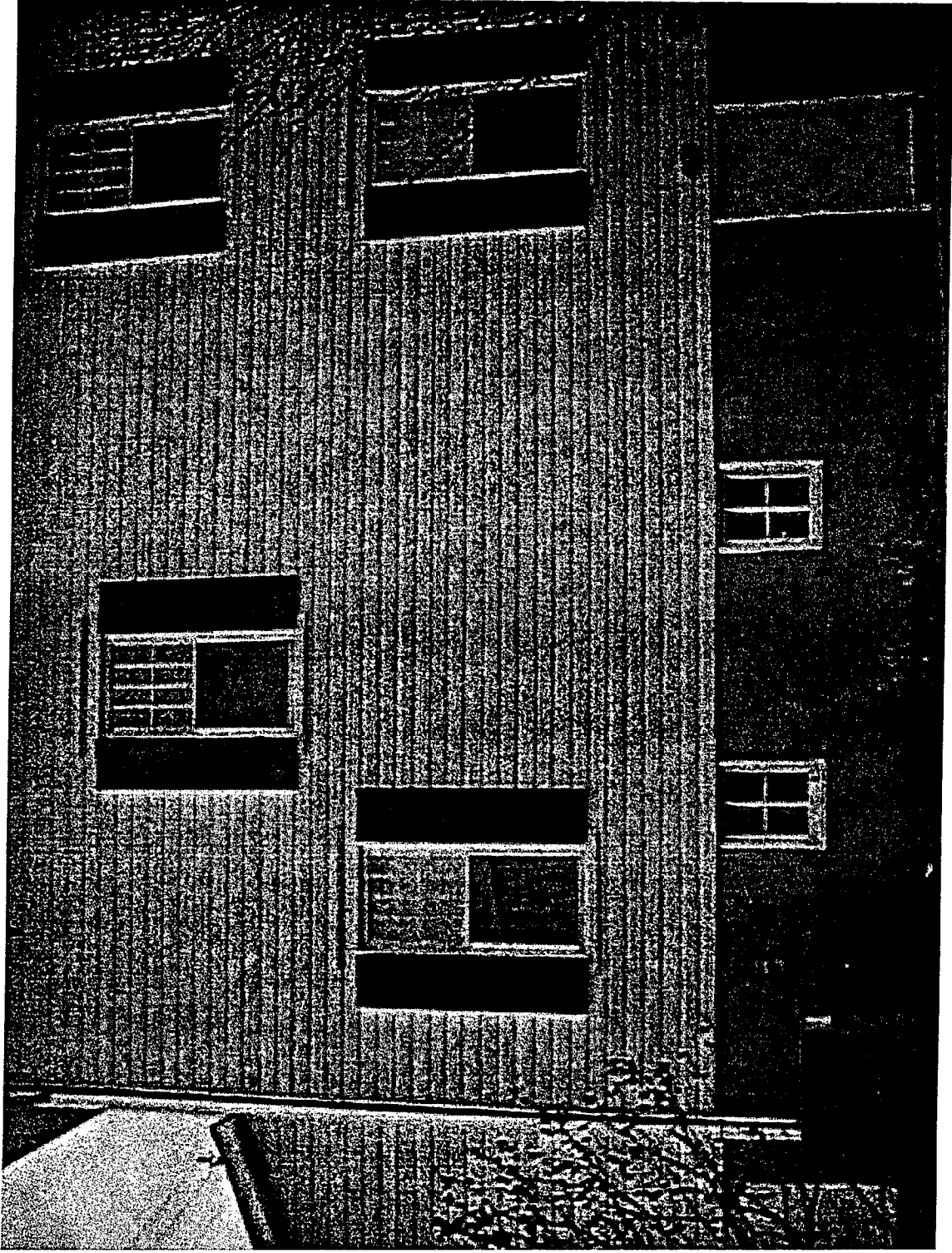
PROPOSED WINDOWS TO BE INSTALLED

10

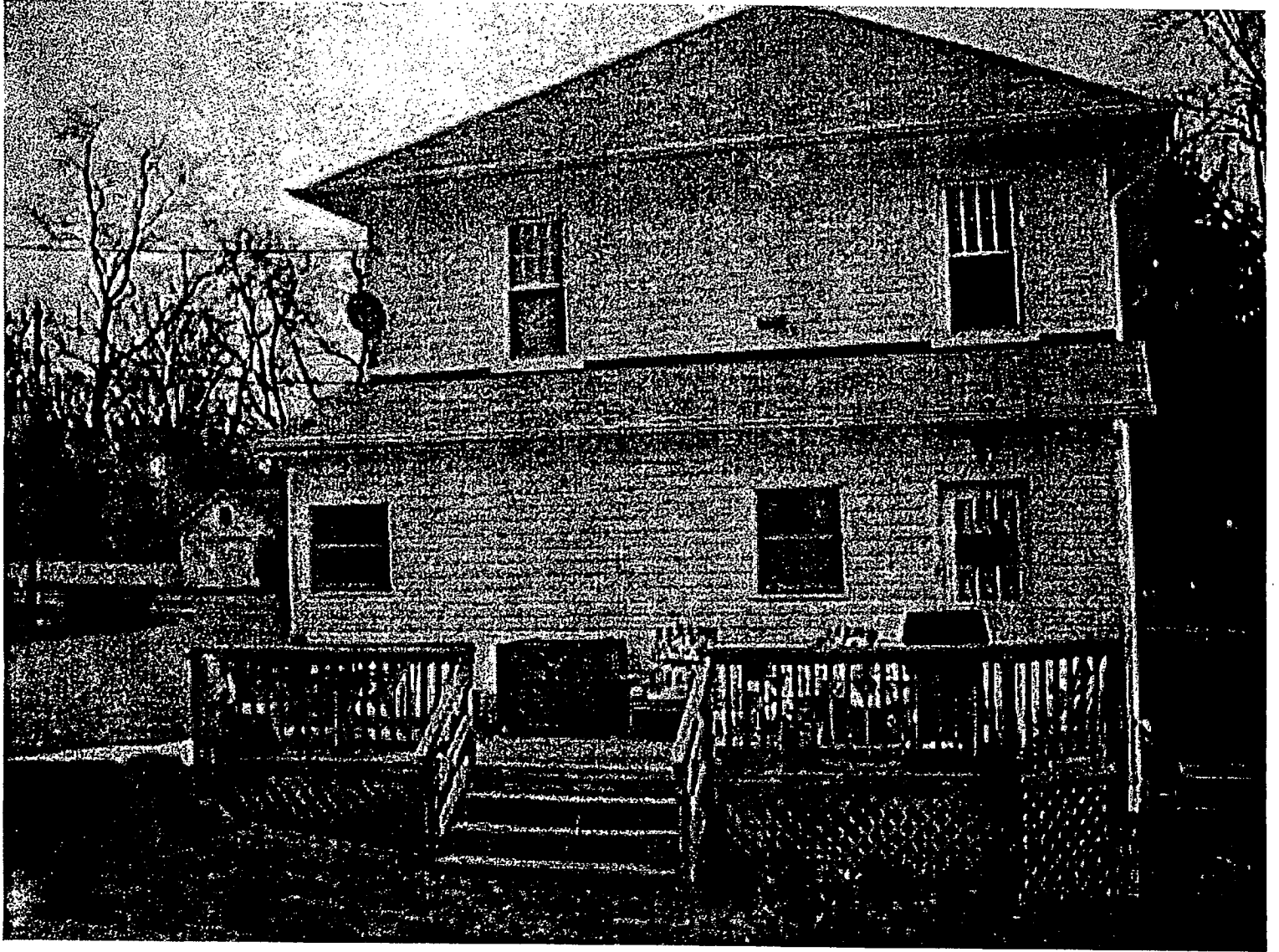


PROPOSED WINDOWS TO BE INSTALLED





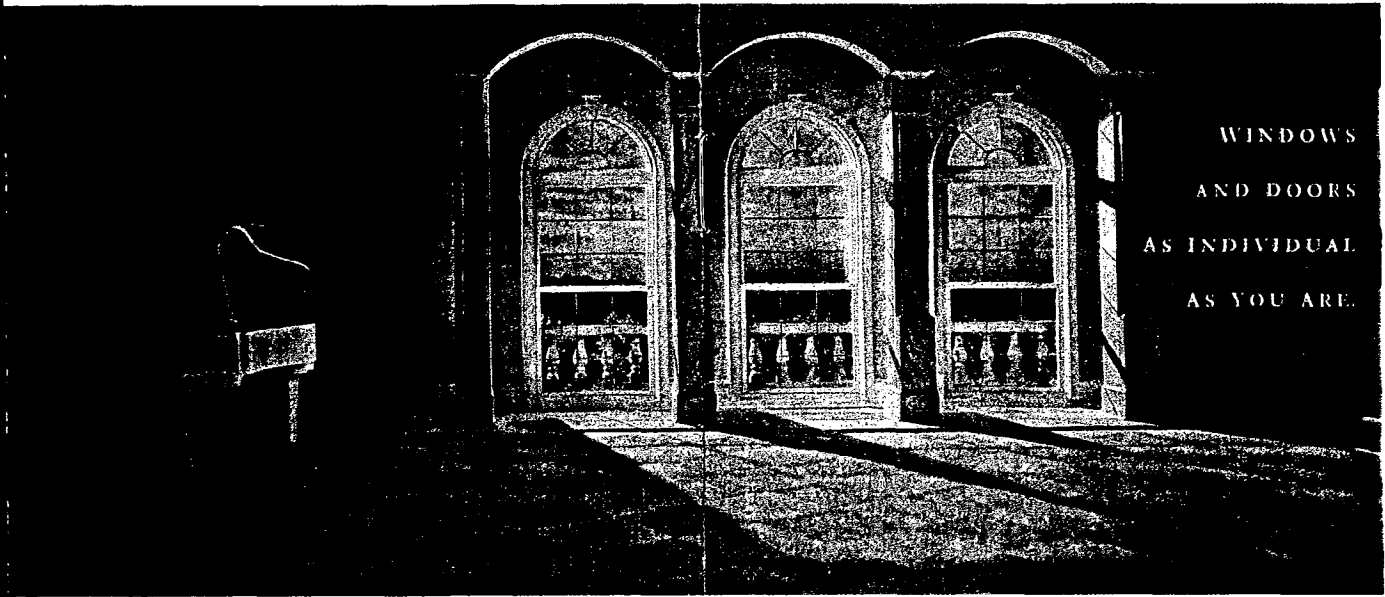
PROPOSED WINDOWS TO BE INSTALLED



PROPOSED WINDOWS TO BE INSTALLED



*Be unique.*



WINDOWS  
AND DOORS  
AS INDIVIDUAL  
AS YOU ARE.



*Be inspired.*



*Be expressive.*



*Be bold.*



*Be open.*



*Be yourself.*



Corporate Headquarters

Rosemar Office Park • 5300 Briscoe Road • P.O. Box 1646  
Parkersburg, WV 26102-1646  
www.simonton.com

Ellenboro • Harrisville • Paris • Parkersburg • Pennsboro • Vacaville

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599

090250

REFLECTIONS®  
BY SIMONTON

14

WINDOW SPECIFICATIONS FOR THE ABOVE

EPOPS:  
016712 1006

CUSTOMER COPY  
QUOTATION #6432

BUNGALOW: 1  
7/26/01



Kohl Building Products  
5833 Urbana Pike  
Frederick, MD 21704-7221  
PHONE: (301)695-6335 (800)697-6645  
FAX: (301)695-1049

SIM#: 5251K1  
EMP: JLC4  
ENTERED: 6/29/01  
XMITTED: //  
PO #:

CUSTOMER: # \$\$MIL. CUST NAME: HOME OWNER:  
JIM MILLER CUST PO#: JOB NAME: JIM MILLER

FREDERICK, MD PROJECT ID:  
PHONE: 301-695-1873  
FAX: 301-831-9620 AHR Ed Flock

Ln	Qty	Long Description	Unit Price	Extended Price
01	8	31 1/4" (T) X 53" (T) 5050 Reflections White Double Hung; Tip-to-Tip; BOX; Intercept; Double Insulated; Regular Strength; Half Screen Fiberglass Roll-Formed Scr Mold; A2 Mtg Rail/Stile; One Air Loc; Two White; Logo Lock; Head Expander; Sill Extender (Ul=85")	136.20	1089.60
02	1	25 1/2" (T) X 40 1/2" (T) 5050 Reflections White Double Hung; Tip-to-Tip; BOX; Intercept; Double Insulated; Regular Strength; Half Screen Fiberglass Roll-Formed Scr Mold; A2 Mtg Rail/Stile; One Air Loc; One White; Logo Lock; Head Expander; Sill Extender (Ul=66")	136.20	136.20

9 Total Quantity

NOTES:

GRIDS IN THE GLASS ARE AN OPTION FOR AN ADDITIONAL UPCHARGE PLEASE CHECK W/KOHL TO MAKE SURE PRICING IS STILL OK BEFORE ORDERING QUOTE GOOD FOR 30 DAYS

Sale Amount: 1225.80  
Winwood: 0.00  
Sub Total: 1225.80  
Tax: 5.00 % 61.29  
Total: 1287.09

Tax Exempt # 29021624  
Hye's town Christian Church

Submitted By: \_\_\_\_\_  
Accepted By: \_\_\_\_\_  
Date: \_\_\_\_\_

AHR  
Ed Flock  
1 Page

check for  
1225.80

(15)

## Reflections<sup>®</sup> by Simonton 5500

### TESTING DATA Thermal Performance

(Data pertains to units with NO GRIDS)

Type	Size	Glazing <sup>1,2</sup>	Gas	Spacer System	IG Thickness	U-Factor <sup>3</sup>		R-Value		Visible Transmittance <sup>4</sup>		Solar Heat Gain Coefficient <sup>5</sup>		UV Block <sup>7</sup>	Inside Glass Surface Temperature (°F)	Relative Humidity Condensation Point <sup>8</sup>
						Total Unit	Center of Glass <sup>3A</sup>	Total Unit	Center of Glass <sup>3A</sup>	Total Unit	Center of Glass <sup>4</sup>	Total Unit	Center of Glass <sup>4</sup>			
Casement	Residential	Clear/Clear	Air	Intercept <sup>®</sup>	3/4"	0.45	0.49	2.22	2.04	0.50	0.81	0.48	0.75	0.42	45.4	41.2%
Casement	Non-residential	Clear/Clear	Air	Intercept <sup>®</sup>	3/4"	0.46	0.49	2.17	2.04	0.54	0.79	0.49	0.69	0.42	45.4	41.2%
Casement	Residential	Clear/Low E	Argon	Intercept <sup>®</sup>	3/4"	0.32	0.30	3.13	3.33	0.46	0.75	0.45	0.70	0.54	54.7	58.2%
Casement	Non-residential	Clear/Low E	Argon	Intercept <sup>®</sup>	3/4"	0.32	0.30	3.13	3.33	0.50	0.73	0.46	0.65	0.54	54.7	58.2%
Casement	Residential	Clear/Low E	Argon	Super Spacer <sup>®</sup>	1"	0.30	0.30	3.33	3.33	0.50	0.75	0.49	0.70	0.54	54.7	58.2%
Casement	Non-residential	Clear/Low E	Argon	Super Spacer <sup>®</sup>	1"	0.30	0.30	3.33	3.33	0.54	0.73	0.49	0.65	0.54	54.7	58.2%
Casement	Residential	Low E(sc)/Clear	Argon	Intercept <sup>®</sup>	3/4"	0.30	0.26	3.33	3.85	0.44	0.72	0.27	0.41	0.84	56.5	62.2%
Casement	Non-residential	Low E(sc)/Clear	Argon	Intercept <sup>®</sup>	3/4"	0.30	0.26	3.33	3.85	0.48	0.70	0.29	0.40	0.84	56.5	62.2%
Casement	Residential	Low E(sc)/Clear	Argon	Super Spacer <sup>®</sup>	1"	0.27	0.26	3.70	3.85	0.44	0.72	0.27	0.41	0.84	56.5	62.2%
Casement	Non-residential	Low E(sc)/Clear	Argon	Super Spacer <sup>®</sup>	1"	0.27	0.26	3.70	3.85	0.48	0.70	0.29	0.40	0.84	56.5	62.2%
Awning	Residential	Clear/Clear	Air	Intercept <sup>®</sup>	3/4"	0.45	0.49	2.22	2.04	0.50	0.81	0.48	0.75	0.42	45.4	41.2%
Awning	Non-residential	Clear/Clear	Air	Intercept <sup>®</sup>	3/4"	0.46	0.49	2.17	2.04	0.54	0.79	0.49	0.69	0.42	45.4	41.2%
Awning	Residential	Clear/Low E	Argon	Intercept <sup>®</sup>	3/4"	0.32	0.30	3.13	3.33	0.46	0.75	0.45	0.70	0.54	54.7	58.2%
Awning	Non-residential	Clear/Low E	Argon	Intercept <sup>®</sup>	3/4"	0.32	0.30	3.13	3.33	0.50	0.73	0.46	0.65	0.54	54.7	58.2%
Awning	Residential	Clear/Low E	Argon	Super Spacer <sup>®</sup>	1"	0.30	0.30	3.33	3.33	0.46	0.75	0.45	0.70	0.54	54.7	58.2%
Awning	Non-residential	Clear/Low E	Argon	Super Spacer <sup>®</sup>	1"	0.30	0.30	3.33	3.33	0.50	0.73	0.46	0.65	0.54	54.7	58.2%
Awning	Residential	Low E(sc)/Clear	Argon	Intercept <sup>®</sup>	3/4"	0.30	0.26	3.33	3.85	0.48	0.72	0.29	0.41	0.84	56.5	62.2%
Awning	Non-residential	Low E(sc)/Clear	Argon	Intercept <sup>®</sup>	3/4"	0.29	0.26	3.45	3.85	0.52	0.70	0.31	0.40	0.84	56.5	62.2%
Awning	Residential	Low E(sc)/Clear	Argon	Super Spacer <sup>®</sup>	1"	0.27	0.26	3.70	3.85	0.44	0.72	0.27	0.41	0.84	56.5	62.2%
Awning	Non-residential	Low E(sc)/Clear	Argon	Super Spacer <sup>®</sup>	1"	0.27	0.26	3.70	3.85	0.48	0.70	0.29	0.40	0.84	56.5	62.2%

<sup>1</sup> Low E emissivity coating = 0.154.

<sup>2</sup> Low E(sc) emissivity coating = 0.04.

<sup>3</sup> Center of glass information based on most conservative simulated IG unit thickness for double-strength, dual-pane glass.

<sup>4</sup> All center of glass calculations done using Lawrence Berkeley National Laboratory's Window 4.1 thermal analysis program and NFRC approved spectral data and environmental conditions.

<sup>5</sup> All total unit U-Factors tested in accordance to NFRC 100.

<sup>6</sup> All total unit Visible Transmittance and Solar Heat Gain Coefficient tested in accordance to NFRC 200.

<sup>7</sup> UV Block based on UV transmissions from 300 to 380 nm.

<sup>8</sup> The relative humidity percentage measurement applies only to the center of glass. Condensation will form more quickly at the edges of the glass.

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Reflections® by Simonton  
5500

TESTING DATA  
Thermal Performance

(Data pertains to units with NO GRIDS)

Type	Size	Glazing <sup>1,2</sup>	Gas	Spacer System	IG Thickness	U-Factor <sup>3</sup>		R-Value		Visible Transmittance <sup>5</sup>		Solar Heat Gain Coefficient <sup>6</sup>		UV Block <sup>7</sup>	Inside Glass Surface Temperature (°F)	Relative Humidity Condensation Point <sup>8</sup>
						Total Unit	Center of Glass <sup>4a</sup>	Total Unit	Center of Glass <sup>4a</sup>	Total Unit	Center of Glass <sup>4</sup>	Total Unit	Center of Glass <sup>4</sup>			
Double Hung	Residential	Clear/Clear	Air	Intercept®	3/4"	0.49	0.49	2.04	2.04	0.55	0.81	0.53	0.75	0.42	45.4	41.2%
Double Hung	Non-residential	Clear/Clear	Air	Intercept®	3/4"	0.49	0.49	2.04	2.04	0.59	0.79	0.53	0.69	0.42	45.4	41.2%
Double Hung	Residential	Clear/Low E	Argon	Intercept®	3/4"	0.35	0.30	2.86	3.33	0.51	0.75	0.50	0.70	0.54	54.7	58.2%
Double Hung	Non-residential	Clear/Low E	Argon	Intercept®	3/4"	0.34	0.30	2.94	3.33	0.54	0.73	0.50	0.65	0.54	54.7	58.2%
Double Hung	Residential	Clear/Low E	Argon	Super Spacer®	1"	0.33	0.30	3.03	3.33	0.51	0.75	0.50	0.70	0.54	54.7	58.2%
Double Hung	Non-residential	Clear/Low E	Argon	Super Spacer®	1"	0.33	0.30	3.03	3.33	0.54	0.73	0.50	0.65	0.54	54.7	58.2%
Double Hung	Residential	Low E(sc)/Clear	Argon	Intercept®	3/4"	0.33	0.26	3.03	3.85	0.49	0.72	0.30	0.41	0.84	56.5	62.2%
Double Hung	Non-residential	Low E(sc)/Clear	Argon	Intercept®	3/4"	0.31	0.26	3.23	3.85	0.52	0.70	0.31	0.40	0.84	56.5	62.2%
Double Hung	Residential	Low E(sc)/Clear	Argon	Super Spacer®	1"	0.30	0.26	3.33	3.85	0.49	0.72	0.30	0.41	0.84	56.5	62.2%
Double Hung	Non-residential	Low E(sc)/Clear	Argon	Super Spacer®	1"	0.30	0.26	3.33	3.85	0.52	0.70	0.31	0.40	0.84	56.5	62.2%
Slider/End Vent	Residential	Clear/Clear	Air	Intercept®	3/4"	0.49	0.49	2.04	2.04	0.56	0.81	0.53	0.75	0.42	45.4	41.2%
Slider/End Vent	Non-residential	Clear/Clear	Air	Intercept®	3/4"	0.49	0.49	2.04	2.04	0.59	0.79	0.53	0.69	0.42	45.4	41.2%
Slider/End Vent	Residential	Clear/Low E	Argon	Intercept®	3/4"	0.35	0.30	2.86	3.33	0.52	0.75	0.50	0.70	0.54	54.7	58.2%
Slider/End Vent	Non-residential	Clear/Low E	Argon	Intercept®	3/4"	0.34	0.30	2.94	3.33	0.55	0.73	0.50	0.65	0.54	54.7	58.2%
Slider/End Vent	Residential	Clear/Low E	Argon	Super Spacer®	1"	0.33	0.30	3.03	3.33	0.52	0.75	0.50	0.70	0.54	54.7	58.2%
Slider/End Vent	Non-residential	Clear/Low E	Argon	Super Spacer®	1"	0.33	0.30	3.03	3.33	0.55	0.73	0.50	0.65	0.54	54.7	58.2%
Slider/End Vent	Residential	Low E(sc)/Clear	Argon	Intercept®	3/4"	0.32	0.26	3.13	3.85	0.49	0.72	0.30	0.41	0.84	56.5	62.2%
Slider/End Vent	Non-residential	Low E(sc)/Clear	Argon	Intercept®	3/4"	0.31	0.26	3.23	3.85	0.53	0.70	0.32	0.40	0.84	56.5	62.2%
Slider/End Vent	Residential	Low E(sc)/Clear	Argon	Super Spacer®	1"	0.31	0.26	3.23	3.85	0.49	0.72	0.30	0.41	0.84	56.5	62.2%
Slider/End Vent	Non-residential	Low E(sc)/Clear	Argon	Super Spacer®	1"	0.30	0.26	3.33	3.85	0.53	0.70	0.32	0.40	0.84	56.5	62.2%
Picture	Residential	Clear/Clear	Air	Intercept®	3/4"	0.48	0.49	2.08	2.04	0.63	0.81	0.59	0.75	0.42	45.4	41.2%
Picture	Non-residential	Clear/Clear	Air	Intercept®	3/4"	0.48	0.49	2.08	2.04	0.64	0.79	0.57	0.69	0.42	45.4	41.2%
Picture	Residential	Clear/Low E	Argon	Intercept®	3/4"	0.32	0.30	3.13	3.33	0.58	0.75	0.56	0.70	0.54	54.7	58.2%
Picture	Non-residential	Clear/Low E	Argon	Intercept®	3/4"	0.32	0.30	3.13	3.33	0.59	0.73	0.54	0.65	0.54	54.7	58.2%
Picture	Residential	Clear/Low E	Argon	Super Spacer®	1"	0.31	0.30	3.23	3.33	0.58	0.75	0.56	0.70	0.54	54.7	58.2%
Picture	Non-residential	Clear/Low E	Argon	Super Spacer®	1"	0.31	0.30	3.23	3.33	0.59	0.73	0.54	0.65	0.54	54.7	58.2%
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Picture	Residential	Low E(sc)/Clear	Argon	Super Spacer®	1"	0.28	0.26	3.57	3.85	0.56	0.72	0.33	0.41	0.84	56.5	62.2%
Picture	Non-residential	Low E(sc)/Clear	Argon	Super Spacer®	1"	0.28	0.26	3.57	3.85	0.57	0.70	0.33	0.40	0.84	56.5	62.2%

MAY. 1. 2002 5:44PM

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**Ziek, Robin**

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**From:** Lawrence Ruggeri [lawrence@digitalphoto.com]  
**Sent:** Friday, May 24, 2002 12:20 PM  
**To:** Ziek, Robin  
**Subject:** Re: Carpenter's name for front doors

Hi Robin, The name of the carpenter is David Calhoun, at St. Joesphs, his number is 301-972-7650. Please send me your budget for the digital camera you would like to purchase, and I will do some research for you. The technology has changed since the last time.

Tell David I sent you!

Thanks

Larry Ruggeri

301-607-4717

[larry@digitalphoto.com](mailto:larry@digitalphoto.com)

[www.digitalphoto.com](http://www.digitalphoto.com)

----- Original Message -----

**From:** Ziek, Robin

**To:** Larry Ruggeri (E-mail)

**Sent:** Thursday, May 23, 2002 12:10 PM

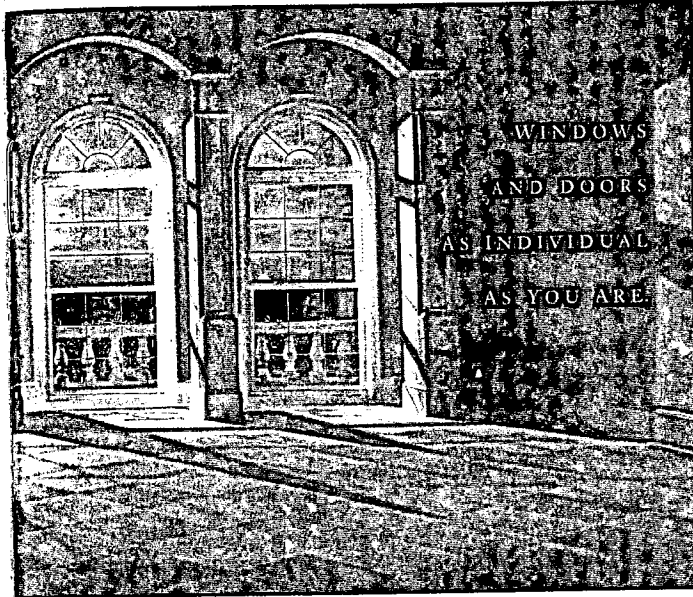
**Subject:** Carpenter's name for front doors

Larry, could you give me the name of the craftsman who made your new front doors? I'd like to pass on his name to the Hyattstown Christian Church down the road. Thanks -Robin

I was by your old office site yesterday, checking out the Castle for the new contract purchaser! Your name is still on the door....



*Be unique.*



*Be inspired.*



*Be expressive.*



*Be bold.*



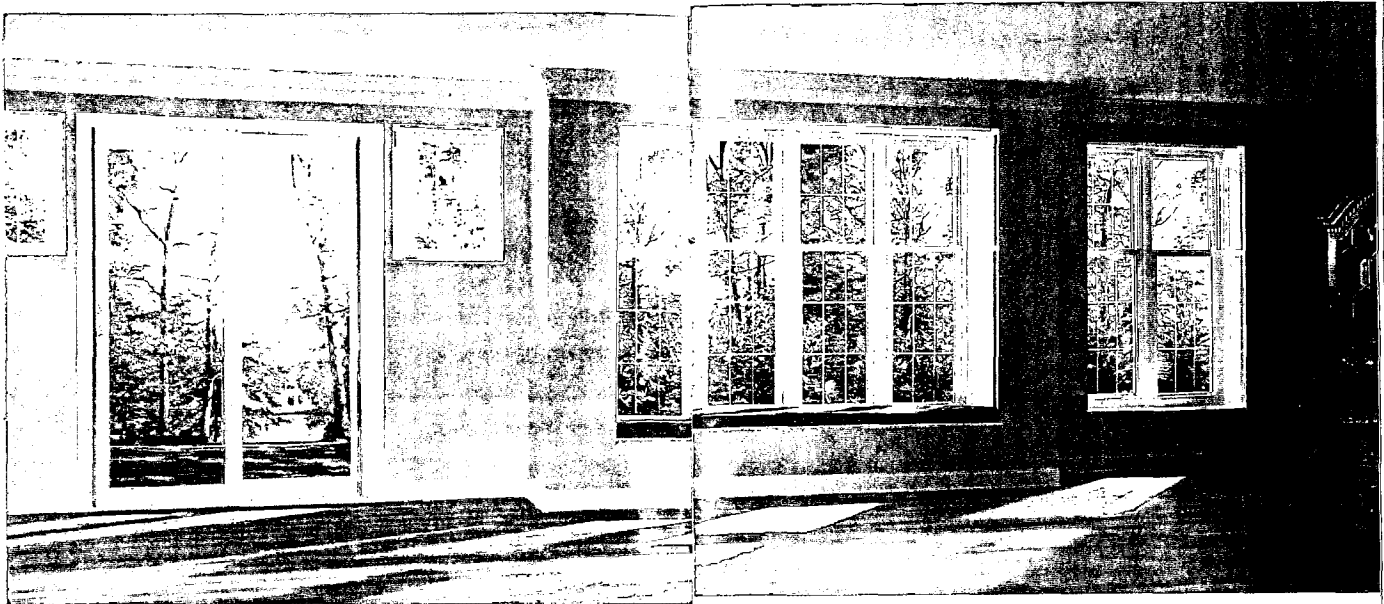
*Be open.*



*Be yourself.*

REFLECTIONS<sup>™</sup>  
BY SIMONTON





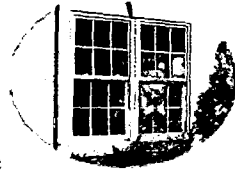
*Created for you. Created by you.*

No two people are the same. Different names.  
Different desires. Different views. Each one solitary and individual. Each one with a unique way of looking at the world. At Simonton, we understand the need to reflect individuality. So we have designed a series of windows and patio doors that allow you to do just that. With classic shapes and vast combinations to stir the heart and inspire the imagination. We call this

extraordinary line of windows and patio doors Reflections™. Each custom built to reflect your exact specifications. Each backed by a comprehensive warranty to reflect peace of mind. Reflections™ by Simonton. Reflections of the way you live. Reflections of the way you feel. Reflections of you.

SINGLE AND  
DOUBLE HUNG

Two primary  
cornerstones of  
the Reflections™



line are Single Hung and Double Hung windows. Classic beauty and uncompromising strength are just the beginning. With both mechanical and fusion-welded framing available, a multitude of exclusive design features reveal enhanced performance. A weather-resistant meeting rail seals sash tightly and perfectly aligned sash provide trouble-free operation. Lift rails are molded into sash for strength and stability while unique sill designs force water away from the window during heavy rains. In addition, all

operable sash tilt in and lift out for easy cleaning. Single Hung windows feature an operable lower sash while both Double Hung sash raise and lower with fingertip ease. The style of both windows is classic, with traditional influences apparent at every chiseled corner. Additionally, when it comes to architectural detailing, the color-matched exterior glazing, equal glass sight lines and unique exterior designs offer timeless aesthetic appeal.



*Unique images create harmony.*





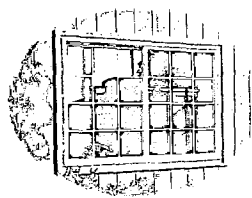
*Allow your dreams to become your inspiration.*

SLIDER

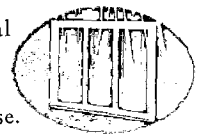
Either as a stand alone window or used in conjunction with other styles, the Slider is another signature to the

Reflections™ line. Sash glide effortlessly on self-lubricating rollers constructed of space-age polymers guaranteed against corrosion and wear for the life of the window. While roller tracks on other manufacturers slider windows may bow over time from a lack of center support, Reflections™ Sliders have been designed to remain level.

Some series feature a triple-



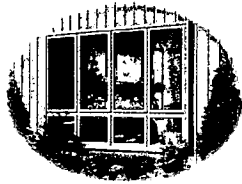
walled roller track with an additional center support wall to allow the sash to consistently operate with ease.



Available in a 2-lite style with one or two operable sash, or in a 3-lite configuration with an operable sash at both ends of the window, the Reflections™ Slider makes a bold statement. The architectural appeal of the exterior design provides the flexibility of blending with any home style—from wood or vinyl siding to stucco and brick. And the interior appeal is guaranteed to inspire the imagination.

CASEMENT

Tradition,  
innovation,  
drama and

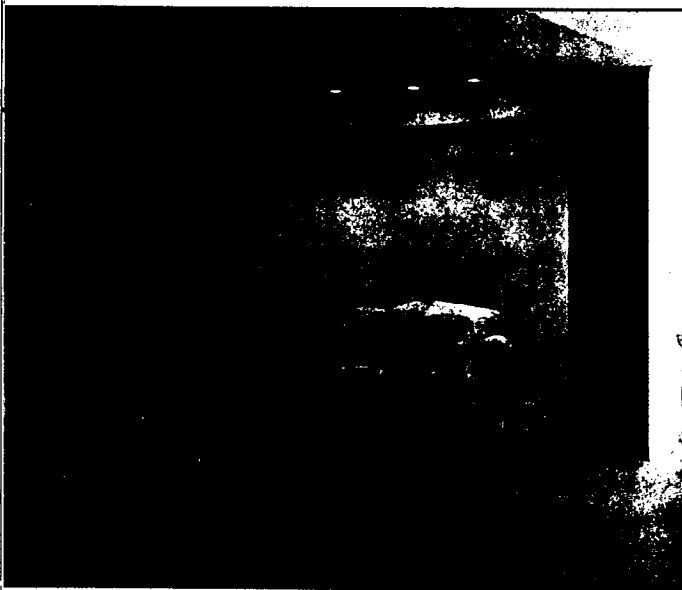


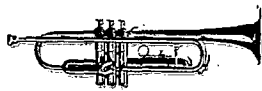
functionality are all under the canopy of the Reflections™ Casement. Crank-out windows have never been so sleek or stylish. The contoured sash hints of detailed craftsmanship, while interior screens feature a concealed screen track to blend seamlessly into the window's smooth interior lines. Sash are locked through an advanced system—securing the sash at multiple points with one, easy-to-use handle. When it comes to dependable operation, sturdy, corrosion-resistant hardware supports the sash

when opened. In addition, Casement windows open to a full 90 degrees for maximum ventilation and allow for easy interior and exterior cleaning from inside the home. Casement windows can be used to produce a variety of effects—mulled together in a multi-lite configuration with Awning windows to form a breathtaking dramatic wall of windows, or used individually. Whether used alone or in a group setting, Reflections™ Casement windows are an expression of style.



*Self expression can soothe the soul.*





*Rewarding relaxation begins with bold exclamation.*

PICTURE AND  
GEOMETRIC

Express your view of the world with the unique shapes and designs of Reflections™ Picture and Geometric

windows. Whether used on their own or in conjunction with other styles, Picture and Geometric windows provide a dazzling effect everywhere they are used. The fusion-welded frame construction and unique exterior designs provide strength and beauty simultaneously, while the vast array of grid and glass options open the door to bold creativity. Choose from a wide variety of existing shapes



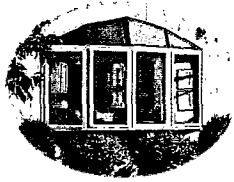
including Half-round, Quarter-round, Eyebrow, Circle, Oval, Octagon and Trapezoid. Or



customize your home with a one-of-a-kind pattern of your own creation. Whether it's a quaint Octagon accenting a stairway, two Quarter-round windows brightening up a kitchen or a shimmering Half-round atop a beautiful patio door, Reflections™ Geometric windows let you showcase your individual style.

BAY AND BOW

Transform the ordinary into the unforgettable

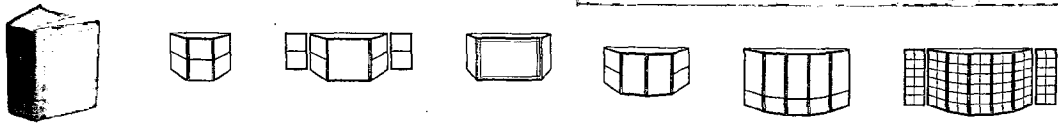
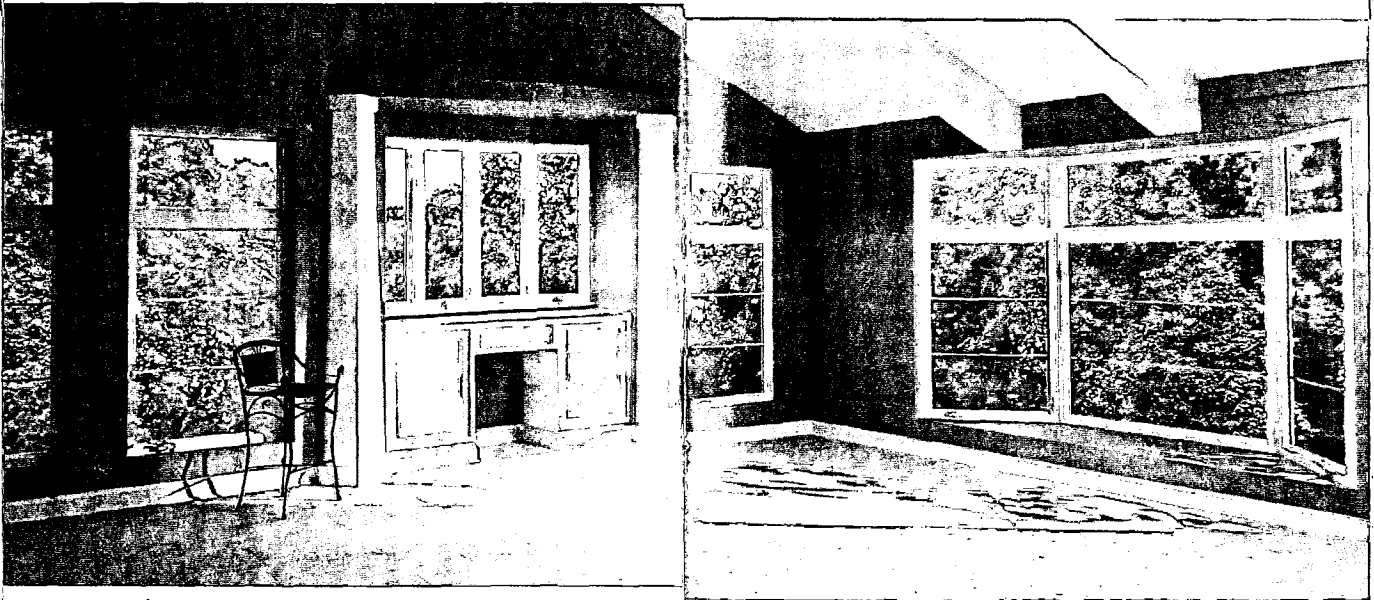


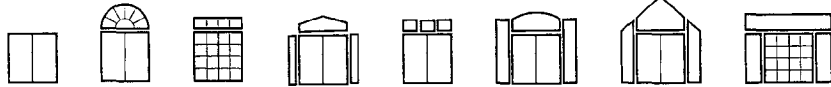
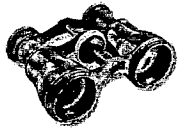
with a Reflections™ Bay or Bow window. Constructed from three windows mullied together, Bay windows provide a warm, inviting appeal to any room. Created by mulling windows in either a 3-, 4- or 5-lite design, Bow windows create a dramatic, circular effect. Secured to the bottom of the seat board's exterior, strong cables anchor the window into a secure formation for convenient leveling adjustments and precision installation. Attractive wooden knee braces provide added support beneath

the seat board on the exterior of the home. Head and seat boards in oak or birch veneer can be stained or painted to match your home's interior. In addition, head and seat board exterior trim provides a tight barrier against water penetration and in some areas, all seat boards can be insulated for greater thermal efficiencies. Whether you choose a large Bow window to highlight a dramatic living room, or a small Bay window in a cozy kitchen, once you've lived with a Reflections™ Bay or Bow, you'll wonder how you ever lived without it.



*An open mind can change your view of the world.*





*Expand your boundaries as well as your expectations.*

--- PATIO DOOR --- Redefine your living space with a stunning Reflections™ patio door.

Offering the same decorative and advanced performance features as Reflections™ windows, patio doors complete any home remodeling project. The contoured sash glide smoothly with a simple touch of the sturdy, color-matched handle, which can be ordered in polished brass for a truly upscale look. When it comes to performance, an integral interlock and fin seal weatherstripping reduce air and water infiltration at



the meeting stile, while threshold designs help eliminate water and dirt accumulating in the sill during heavy rains. All Reflections™ patio doors



feature standard 1" double-strength tempered glass for increased safety, while equal glass sight lines create a clean, uniform look. Some patio doors even feature an external key lock that permits the door to be locked and unlocked from the outside. Whether used alone or surrounded by windows, Reflections™ patio doors are the gateway to a whole new way of living.

# Uncompromising performance by design.

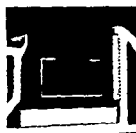
THERMAL  
DYNAMICS

When it comes to thermal efficiencies, no other vinyl window manufacturer can match Simonton's commitment to

producing the highest quality, most thermally efficient windows and doors on the market today.

## Insulating Glass Unit

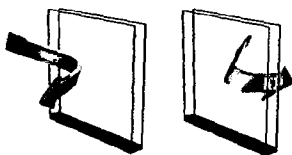
Sealed insulating glass units are set 3/4" into the sash, 1/4" more than most replacement windows. The added penetration wraps the glass edges like a blanket, keeping the temperature of the glass warmer. This extra insulation helps reduce conduction and the potential for condensation.



3/4" Insulating Glass

## Low E/Argon-filled Glass

In summer months, Low E glass keeps cool air inside while keeping hot air outside. In winter, Low E glass keeps warm air in and cold air out. Low E glass also blocks up to 84% of the ultraviolet rays which can fade carpets, draperies and artwork.



Low E/Argon-filled Glass

## Regional Low E Packages

To better accommodate homeowner needs within specific climate conditions, regional Low E packages are available on certain Reflections™ windows and doors. To find out which type of Low E would better meet your home's needs, ask your Reflections™ representative.



Heating Degree Days

Region I Less than 1000	Region III 3000-6000
Region II 1000-3000	Region IV 6000-8000
	Region V Greater than 8000

## ENERGY STAR®



For optimum energy efficiency, Reflections™ windows and doors can be ordered to meet ENERGY STAR® guidelines in all areas of the country.

## Super Spacer®

For the greatest thermal spacer performance, most Reflections™ standard spacer systems can be upgraded to Super Spacer®. Made of non-metallic solid silicone foam, Super Spacer® does not conduct energy as quickly as aluminum or steel spacers. As a result, conduction and condensation rates achieve an all-time low and interior glass



\*Super Spacer® +29%

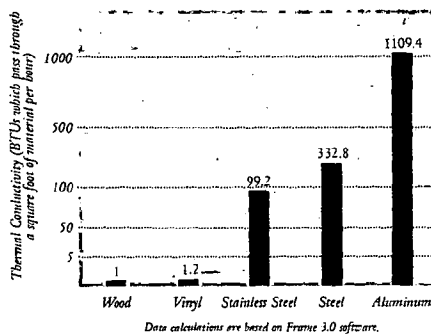
surface temperatures average 29 percent higher\* than traditional aluminum spacer systems. Additionally, the solid silicone foam offers flexible strength, virtually eliminating stress cracks and ensuring the I.G. unit retains its airtight seal.

## Premium Vinyl

When compared to other types of replacement windows, the benefits of vinyl are many. Vinyl is one of the least conductive materials available and will never pit, peel or chalk due to weather conditions. Additionally, Reflections™ vinyl profiles are chambered for maximum rigidity and performance.

\*Test conditions: Clear glass (.118"); 1/2" air space; 0° outside temperature; 70° inside temperature

Energy Loss Through Various Window Materials





**POPULAR  
FEATURES**



*Lap-Lok®  
Meeting Rail*



*Simonton Sill®*



*Air Lok™*



*Denny Clip™  
Pivot System*

**GRID STYLES**



*Colonial: Flat  
(white shown)*



*Colonial: Sculptured  
(woodgrain shown)*



*Colonial: Brass*



*Colonial: Shadow  
bevel-cut glass*

*Tilt-in/Lift-out Sash*

All operable sash of Double and Single Hung windows tilt in and lift out for easy cleaning. Additionally, between-the-glass grids provide a smooth cleaning surface.



*Lap-Lok® Meeting Rail*

Unique Lap-Lok® meeting rail overlaps and interlocks sash for a tighter seal, virtually eliminating water and air infiltration.

*Simonton Sill®*

During heavy rains, the exclusive triple-stepped, sloped design forces water away from the window more quickly than flat, conventional sills.

*Air Lok™*

Streamlined air latches allow partial ventilation without opening sash completely.

*Denny Clip™ Pivot System*

Unique disc-shaped clip helps to maintain perfect alignment of operable sash on Double and Single Hung windows for trouble-free operation.

*Comprehensive Warranty*

All Reflections™ windows and patio doors are backed by a comprehensive warranty covering vinyl, hardware, screens and insulating glass units to provide total peace of mind.

**COLOR  
OPTIONS**

White



Tan



Honey Oak  
(interior only)



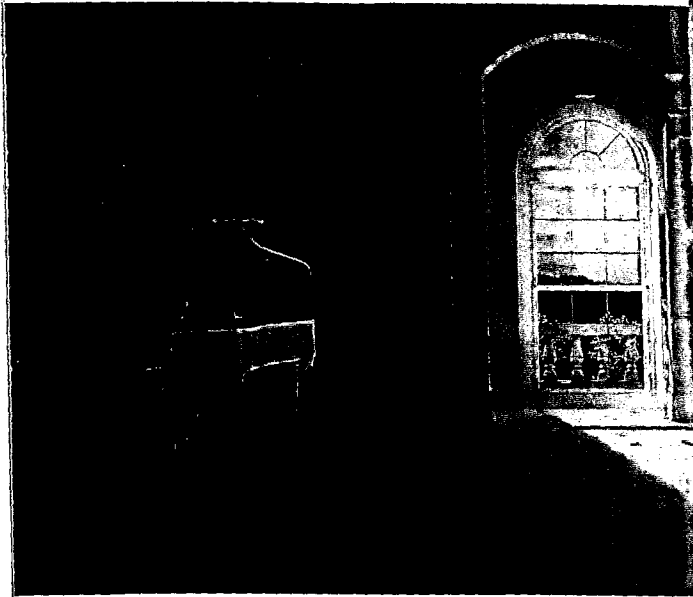
Amber Oak  
(interior only)



*Lasting Impressions*

Since 1946, Simonton has taken pride in handcrafted quality. Building our reputation one window and door at a time because that's the type of care and commitment we believe every home deserves. ♦ Imagine thousands of skilled artisans with some of the most advanced technology in North America. Imagine a quality control system dedicated to perfection and a nationwide manufacturing process designed to translate maximum thermal dynamics into affordable price. The results would be extraordinary—and they are. Without question, every Simonton window represents the highest standards in the industry. ♦ Replacing windows and doors is one of the best investments you can make in your home. Experts rank it among the highest return rates of any home improvement project. ♦ When you choose Simonton, you choose a company that understands your needs, and is committed to exceeding your expectations. We make lasting impressions®. On your home. On your life. On you.

Although only shown in the colonial style, grids are available in a variety of patterns. Ask your Reflections™ by Simonton representative for a list of grid patterns and color options available in your area. Some Reflections® product styles, features, colors and grids not available in all areas of the country.



Corporate Headquarters

Rosemar Office Park • 5300 Briscoe Road • P.O. Box 1646  
Parkersburg, WV 26102-1646  
[www.simonton.com](http://www.simonton.com)

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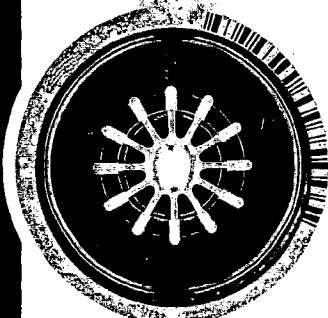
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