

35/54-03C 8815 Hawkins Lane  
(Hawkins Lane Historic District)



35154

DEPARTMENT OF PERMITTING SERVICES

Douglas M. Duncan  
County Executive

Robert C. Hubbard  
Director

**HISTORIC AREA WORK  
PERMIT**

IssueDate: 6/4/2003

Permit No: 304549  
Expires:  
X Ref:  
Rev. No:

**Approved With Conditions**

THIS IS TO CERTIFY THAT:

HENRY POSNER  
8815 HAWKINS LN  
CHEVY CHASE MD 208156730

HAS PERMISSION TO:

ALTER

PERMIT CONDITIONS:

REMOVE PORTION OF EXISTING BRICK CHIMNEY AND SEAL REMAINING PORTION FROM FURTHER USE & TO INSTALL AN ADDITIONAL WINDOW IN BEDROOM WHERE CHIMNEY EXISTED. Approved w/conditions: 1) The entire chimney will be removed on the north elevation.

PREMISE ADDRESS

8815 HAWKINS LA  
CHEVY CHASE MD 20815-6730

LOT N/A  
LIBER  
FOLIO  
PERMIT FEE: \$0.00

BLOCK N/A  
ELECTION DISTRICT  
SUBDIVISION  
TAX ACCOUNT NO.:

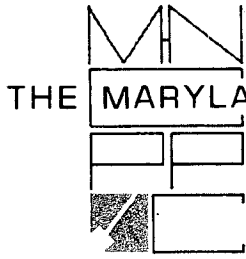
07  
BETHESDA OUTSIDE  
PARCEL PLATE

ZONE  
GRID

HISTORIC MASTER: Y  
HISTORIC ATLAS: N

**HISTORIC APPROVAL ONLY  
BUILDING PERMIT REQUIRED**

Director, Department of Permitting Services



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

**FAX TRANSMITTAL SHEET**

**Historic Preservation Office  
Department of Park & Planning**

Telephone Number: (301) 563-3400

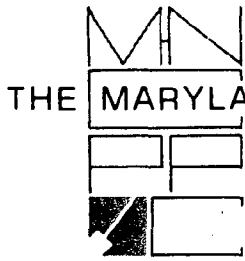
Fax Number: (301)-563-3412

TO: Henry Posner FAX NUMBER: 240-777-6262  
FROM: Corri Jimenez 202-318-0089  
DATE: 6/4/03  
NUMBER OF PAGES INCLUDING THIS TRANSMITTAL SHEET: 7

**NOTE:**

Henry - Here is your approval letter -  
Please be free to call me if you have any questions.  
You should also be receiving one in the mail.

Thanks! Corri



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

May 28, 2003

**MEMORANDUM**

TO: Robert Hubbard, Director  
Department of Permitting Services

FROM: Gwen Wright, Coordinator  
Historic Preservation

SUBJECT: Historic Area Work Permit 35/54-03C

DPS# 304549

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

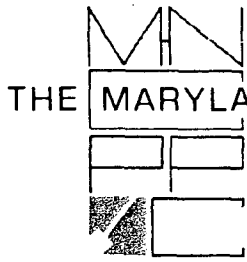
Approved       Denied       **Approved with Conditions:**

1. The entire chimney will be removed on the north elevation.

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.**

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

Applicant: Henry Posner  
8815 Hawkins Lane  
Chevy Chase, MD 20815



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

Date: 5/28/03

MEMORANDUM

TO: Historic Area Work Permit Applicants

FROM: Gwen Wright, Coordinator  
Historic Preservation Section

SUBJECT: Historic Area Work Permit Application - Approval of Application/Release of  
Other Required Permits

DPS# 304549  
HAWP# 35/54/03 C

Enclosed is a copy of your Historic Area Work Permit application, approved by the Historic Preservation Commission at its recent meeting, and a transmittal memorandum stating conditions (if any) of approval.

You may now apply for a county building permit from the Department of Permitting Services (DPS) at 255 Rockville Pike, second floor, in Rockville. Please note that although your work has been approved by the Historic Preservation Commission, it must also be approved by DPS before work can begin.

When you file for your building permit at DPS, you must take with you the enclosed forms, as well as the Historic Area Work Permit that will be mailed to you directly from DPS. These forms are proof that the Historic Preservation Commission has reviewed your project. For further information about filing procedures or materials for your county building permit review, please call DPS at 240-777-6370.

If your project changes in any way from the approved plans, either before you apply for your building permit or even after the work has begun, please contact the Historic Preservation Commission staff at 301-563-3400.

Please also note that you must arrange for a field inspection for conformance with your approved HAWP plans. Please inform DPS/Field Services at 240-777-6210 or online @ [permits.emontgomery.org](http://permits.emontgomery.org) of your anticipated work schedule.

Thank you very much for your patience and good luck with your project!



THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION

**MEMORANDUM**

DATE: 5/28/03

TO: Local Advisory Panel/Town Government

FROM: Historic Preservation Section, M-NCPPC  
Michele Naru, Historic Preservation Planner  
Anne Fothergill, Historic Preservation Planner  
Corri Jimenez, Historic Preservation Planner

DPS# 304549  
HAWP# 35/54-03C

SUBJECT: Historic Area Work Permit Applications - HPC Decision

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The Historic Preservation Commission reviewed this project on 8815 Hawkins Ln.  
A copy of the HPC decision is enclosed for your information.

Thank you for providing your comments to the HPC.. Community involvement is a key component of historic preservation in Montgomery County. If you have any questions, please do not hesitate to call this office at (301)563-3400.



RETURN TO: DEPARTMENT OF PERMITTING SERVICES  
255 ROCKVILLE PIKE, 2nd FLOOR, ROCKVILLE, MD 20850  
240/777-9370

DPS - #8

HISTORIC PRESERVATION COMMISSION  
301/563-3400

# APPLICATION FOR HISTORIC AREA WORK PERMIT

Contact Person: Henry Posner  
Daytime Phone No.: 202 494 5937 cell

Tax Account No.: \_\_\_\_\_  
Name of Property Owner: Henry Posner Daytime Phone No.: \_\_\_\_\_  
Address: 8815 Hawkins Lane Chevy Chase MD 20815  
Street Number City State Zip Code  
Contractor: # SELF Phone No.: \_\_\_\_\_  
Contractor Registration No.: \_\_\_\_\_  
Agent for Owner: \_\_\_\_\_ Daytime Phone No.: \_\_\_\_\_

**LOCATION OF BUILDING/PREMISE**

House Number: 8815 Hawkins Lane Street: HAWKINS LANE  
Town/City: CHEVY CHASE Nearest Cross Street: JONES BRIDGE ROAD  
Lot: \_\_\_\_\_ Block: \_\_\_\_\_ Subdivision: \_\_\_\_\_  
Liber: 16878 Folio: \_\_\_\_\_ Parcel: \_\_\_\_\_

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

1A. CHECK ALL APPLICABLE:  Construct  Extend  Alter/Renovate  A/C  Slab  Room Addition  Porch  Deck  Shed  
 Move  Install  Wreck/Raze  Solar  Fireplace  Woodburning Stove  Single Family  
 Revision  Repair  Revocable  Fence/Wall (complete Section 4)  Other: \_\_\_\_\_

1B. Construction cost estimate: \$ 10,000

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

**PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXTENS/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.

[Signature]  
Signature of owner or authorized agent

5/1/03  
Date

Approved: [Signature] For Chairperson, Historic Preservation Commission  
Disapproved: \_\_\_\_\_ Signature: [Signature] Date: 5/28/03  
Application/Permit No.: 304549 Date Filed: 5/1/03 Date Issued: \_\_\_\_\_

**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:

RENOVATED BUNGALOW ON HAWKINS LANE  
PURCHASED AS IS IN 2000

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

TO REMOVE EXISTING CHIMNEY + CAP IN ORDER TO  
INSTALL WINDOW IN PLACE OF REMOVED CHIMNEY  
WINDOW FACES NORTH AT RIGHT ANGLE TO HAWKINS  
LANE  
THIS SHOULD HAVE NO HISTORICAL IMPACT

**2. 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).

PLEASE PRINT (IN BLUE OR BLACK INK) OR TYPE THIS INFORMATION ON THE FOLLOWING PAGE.  
PLEASE STAY WITHIN THE GUIDES OF THE TEMPLATE, AS THIS WILL BE PHOTOCOPIED DIRECTLY ONTO MAILING LABELS.



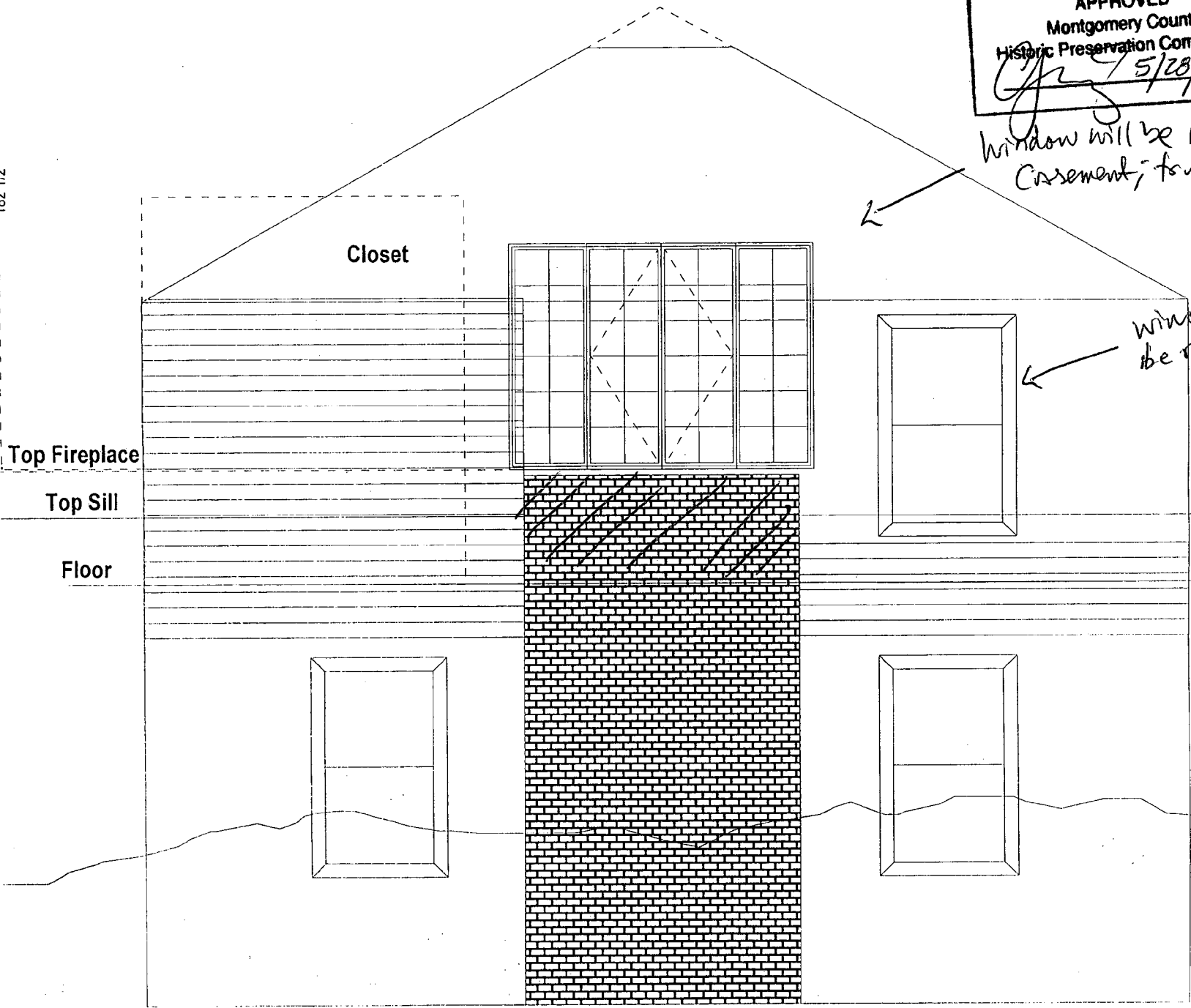
182 1/2"

APPROVED  
Montgomery County  
Historic Preservation Commission  
*[Signature]* 5/28/03

Window will be wood  
casement; true divided lite

Window to  
be removed as well

Note:  
Chimney will  
be removed  
from elevation



Closet

Top Fireplace

Top Sill

Floor

**HISTORIC PRESERVATION COMMISSION STAFF REPORT**

<b>Address:</b>	8815 Hawkins Lane	<b>Meeting Date:</b>	04/28/03
<b>Applicant:</b>	Henry Posner	<b>Report Date:</b>	04/21/03
<b>Resource:</b>	Hawkins Lane Historic District	<b>Public Notice:</b>	04/14/03
<b>Review:</b>	HAWP	<b>Tax Credit:</b>	No
<b>Case Number:</b>	35/54-03C	<b>Staff:</b>	Corri Jimenez
<b>PROPOSAL:</b>	Chimney and window removal; window installation		
<b>RECOMMEND:</b>	Approve		

**PROJECT DESCRIPTION**

**SIGNIFICANCE:** *Primary Resource* in Hawkins Lane Historic District  
**STYLE:** Vernacular bungalow  
**DATE:** c.1928; 1997

8815 Hawkins Lane is a one-story, wood framed vernacular rural house that is locally known as the "Dogpatch." The small, historic house was restored in 1997, and an addition was added to the rear that has similar characteristics to the historic house. The Hawkins Lane Historic District was created and adopted to the county Master Plan in 1991 as a black kinship neighborhood and architecturally represents a hodgepodge of vernacular traditions.

**PROPOSAL**

The applicant proposes to remove an existing chimney and 1/1 window on the north elevation in order to install a new window in its place, which is located on a 1997 addition. The applicant is going to install a wood true-divided window with four vertical casements on this north facing elevation that will have a poly baked-on wood finish. Half of the chimney will remain on this elevation underneath the proposed window.

**STAFF DISCUSSION**

Staff recommends approval of the project overall as an alteration to a new 1997 addition. The removal of half of the chimney and a 1/1 double hung window is also fine

with staff. In addition, the proposed window is acceptable as a wood true-divided lite casement window, which is in keeping with historic materials pre-approved by the Historic Preservation Commission for the Hawkins Lane Historic District.

### **STAFF RECOMMENDATION**

Staff recommends that the Commission *approve* the HAWP application as being consistent with Chapter 25A-8(b) 1:

The proposal will not substantially alter the exterior features of an historic site or historic resource within an historic district.

and with the Secretary of the Interior's *Standards* #9:

New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment.

with the general conditions applicable to all Historic Area Work Permits that the applicant shall also present any permit sets of drawings to HPC staff for review and stamping prior to submission for permits and shall arrange for a field inspection by the Montgomery County Department of Permitting Services (DPS), Field Services Office, five days prior to commencement of work, and within two weeks following completion of work.



RETURN TO: DEPARTMENT OF PERMITTING SERVICES  
255 ROCKVILLE PIKE 2nd FLOOR, ROCKVILLE, MD 20850  
240/777-6370

DPS - #8

**HISTORIC PRESERVATION COMMISSION**  
**301/563-3400**

**APPLICATION FOR  
HISTORIC AREA WORK PERMIT**

Contact Person: HENRY POSNER  
Daytime Phone No.: 202 494 5937 C22

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Name of Property Owner: HENRY POSNER Daytime Phone No.: \_\_\_\_\_  
Address: 8815 HAWKINS LANE CHEVY CHASE MD 20815  
Street Number City State Zip Code  
Contractor: # SELF Phone No.: \_\_\_\_\_  
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**LOCATION OF BUILDING/PREMISE**

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 Revision  Repair  Revocable  Fence/Wall (complete Section 4)  Other: \_\_\_\_\_  
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3B. Indicate whether the fence or retaining wall is to be constructed on one of the following locations:  
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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.

Signature of owner or authorized agent: [Signature] Date: 5/1/03

Approved: \_\_\_\_\_ For Chairperson, Historic Preservation Commission  
Disapproved: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Application/Permit No.: 304549 Date Filed: 5/1/03 Date Issued: \_\_\_\_\_

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05/01/03

Site Address  
8815 Hawkins Lane  
Chevy Chase, Maryland 20815  
Sudivision; Clean Drinking

**Scope of Work:**

To remove a portion of existing brick chimney and seal remaining portion from further use.

To install an additional window in the bedroom where the chimney existed,  
Currently, there are 3 36" x60" Double Hung Windows in the Bedroom.

PCANS

THE PLAT IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY THE LENDER OR A TITLE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR RE-FINANCING.

THE PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS; AND THE PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR RE-FINANCING.

NF

ROBERT D. CAMPS et.al.  
liber 13369 folio 678

N 89° 28' 00" W  
S 84° 50' 53" E  
115.25 DEED  
115.14' COMP.

WALTER W. HSU et.ux.  
liber 16878 folio 557  
13,270 SQFT. OR 0.3046 AC. - COMP

13,235 SQ. FT.  
DEED

GRAVEL DRIVEWAY

20.3'  
1 STORY  
FRAME  
GARAGE

113.06' DEED & COMP.

1/6 ac.

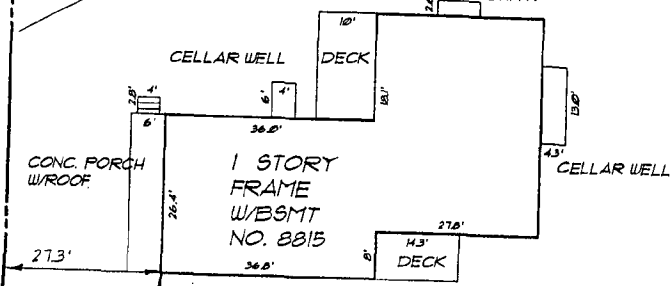
MNCFP4PC

N 00° 30' 00" E  
S 00° 06' 08" E

112.95 DEED  
113.33' COMP

lot 7  
HAWKINS SUBDIVISION  
FLAT BOOK  
FLAT 19202

N 02° 20' 00" E



N 84° 52' 53" W  
S 89° 30' 00" E  
119.96' COMP  
119.10 DEED

lot 5  
HAWKINS SUBDIVISION  
FLAT BOOK  
FLAT 18470

THIS PROPERTY IS ZONED  
R-90 AND IS LOCATED  
IN THE "HAWKINS LANE  
HISTORIC DISTRICT"  
ANY NEW DEVELOPMENT  
WILL BE HANDLED ON A  
CASE-BY-CASE BASIS.  
FOR P.R.L.S.  
LOT STAKED OUT 5/19/00  
BOOK 3049/25

SCHEDULE D - SECTION 2  
SPECIAL EXCEPTION

H-2 COVENANTS IN LIBER 12713 FOLIO 277  
(NOT FURNISHED)

H-3 15' R/W IS HAWKINS LANE  
E/W TO W.S.S.C. LIBER 3611 FOLIO 315  
(NOT FURNISHED)

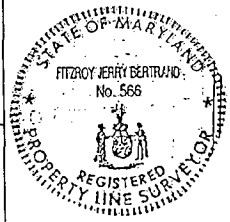
NOTES:  
Not located in a H.U.O. designated Flood Hazard Zone as per F.E.M.A. Community Panel No. 240049 0175 C  
This survey was prepared without the benefit of a title report.  
Information shown hereon should not be relied upon for construction of improvements.

TAX MAP	GR.	PAR.	MTL DISK IN FOLDER CLEAN DRINKING
120	HP341	864	F.B. 3049 P. 25

**SURVEYOR'S CERTIFICATE**

I hereby certify that I have surveyed the property shown hereon for the purpose of locating the improvements only, and the improvements are located as shown. Exact property corners have not been established or set, unless otherwise noted. We assume no responsibility or liability for any right-of-ways or easements recorded or unrecorded or not appearing on the record plat / or mentioned in the title deed referred to hereon.

*Jerry Bertrand*  
SEE ATTACHED CERTIFICATE  
01/10/00  
Date



**LIGHT, ELLIOTT, & ASSOCIATES, INC.**  
8508 ADELPHI ROAD  
ADELPHI, MARYLAND 20783  
VOICE: 301-422-6080  
FAX: 301-422-6086

DRAFTER KEC  
CK BY  
SCALE: 1" = 20'

LOT IMPROVEMENT SURVEY 8815 HAWKINS LANE	
THE WALTER W. HSU et.ux. PROPERTY "CLEAN DRINKING"	
WHEATON No. 13	ELECTION DISTRICT MONTGOMERY COUNTY, MARYLAND
PLAT BOOK / PLAT	CASE No. CANTALUPO 00-1480
LIBER / FOLIO 16878/557	JOB No. 0-1578
	FILE No. MH-8070

7



8508 ADELPHI ROAD  
ADELPHI, MARYLAND 20783  
Phone (301)422.6080  
Fax (301)422.6086  
E-MAIL LightElliott@CS.com

**CERTIFICATION OF SURVEYOR**

(Maryland Boundary Survey)

I, Fitzroy Jerry Bertrand, hereby certify to Henry Posner, "Purchaser", to Diversified Government, "Lender", to Anthony C. Cantalupo, Jr. P.A., "Agent" and to Commonwealth Land Title Insurance Company, "Title Insurer", being parties interested in title to the premises surveyed (Clean Drinking) that (a) the survey prepared by me entitled, Lot Improvement Survey 8815 Hawkins Lane the Walter W. Hsu Property-Clean Drinking" was actually made upon the ground and that it and the information, courses and distances shown thereon are correct; (b) the title lines of the property and lines of actual possession are the same; (c) the location and type of buildings, structures and improvements on the Property are as shown and all are within the boundary lines of the property unless shown otherwise; (d) there are no visible uses, occupations or easements affecting the Property other than those shown and depicted thereon; (e) there are no encroachments of buildings, structures or improvements over setback lines easements or other similarly restricted areas, except as shown thereon (\*see note on drawing); (f) unless shown thereon, there are no encroachments of any buildings, structures or improvements across the boundary lines of the Property onto adjoining property, streets or alleys, nor do any buildings, structures of improvements located on adjoining property encroach upon the Property; (g) the record description of the property forms a mathematically closed figure by engineering calculations; (h) I have reviewed Title Insurance Commitment NUMBER RE00-1486 dated MARCH 31, 2000, issued by Commonwealth Land Title Insurance Company, through its agent, Anthony C. Cantalupo, Jr. P.A., and have shown on the survey all locatable exceptions contained in Schedule B of that Commitment, and where an exception is not locatable, I have so stated on the survey; (i) the survey complies with the "Minimum Standards of Practice" for Boundary Surveys provided by the Board for Professional Land Surveyors of the State of Maryland in COMAR 09.13.06.03.

Date: 5/10/09  
By: Fitzroy Jerry Bertrand  
Fitzroy Jerry Bertrand  
Reg. Property Line Surveyor #566



ESTABLISHED 1957 SERVING GREAT METROPOLITAN WASHINGTON AREA

8508 ADELPHI ROAD  
ADELPHI, MARYLAND 20783  
Phone (301)422.6080  
Fax (301)422.6086  
E-MAIL LightElliott@CS.com

Metes and Bounds Description: W. W. Hsu Property located in the Wheaton District, Montgomery County, Maryland.

Beginning for the subject property at a rod and cap set at the northwest corner of Lot 5 in Hawkins Subdivision which is as recorded in Plat Book 18470 among the Land Records of Montgomery County, Maryland and thence with the easterly R/W line of Hawkins Lane North  $02^{\circ} 20' 00''$  East, 113.06 feet to an iron pipe found and thence with the northerly line of the W. W. Hsu Property which is as described in a deed recorded in Liber 1678 at Folio 557 among the aforesaid land records South  $84^{\circ} 50' 53''$  East, 115.14 feet to a rod and cap set and thence with the westerly line of the subject property South  $00^{\circ} 06' 08''$  East, 113.33 feet to an iron pipe found and thence with the northerly line of the aforesaid Lot 5 North  $84^{\circ} 52' 53''$  West, 119.96 feet to the point of beginning and containing 13,270 square feet of land more or less.

8815

MONTGOMERY COUNTY  
DEPARTMENT OF PERMITTING SERVICES

APPROVED

PRF

DATE

5/2/60  
~~12/29/77~~

HAWKINS LANE

ZONING CLASS

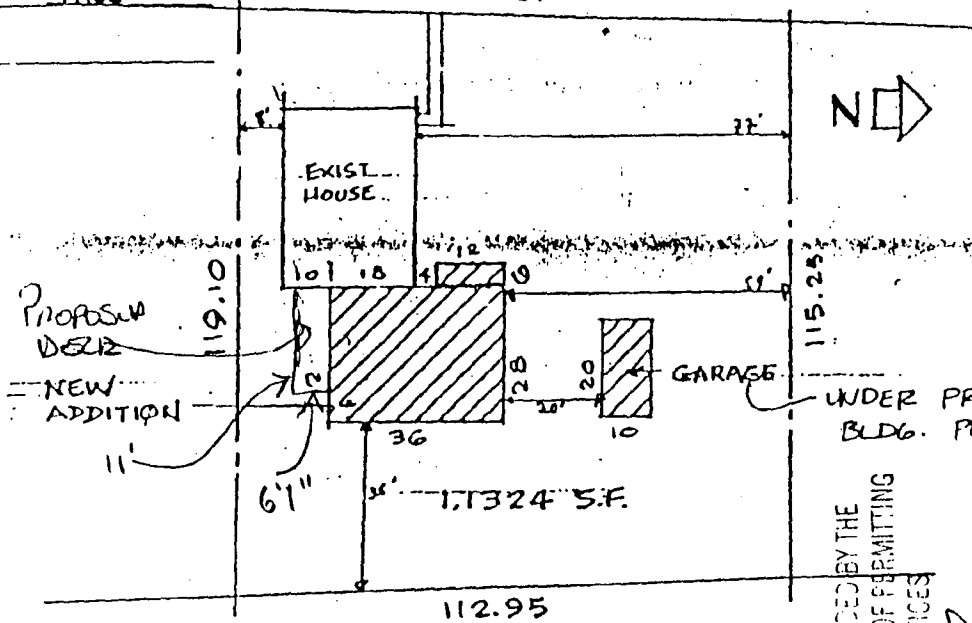
R-90

PAGE

113.00'

BOARD OF APPEALS CASE

1ST ADD.



SITE PLAN

SCALE 1" = 20'-0"

DEPARTMENT OF PERMITTING SERVICES  
UNDER PREVIOUS BLDG. PERMIT

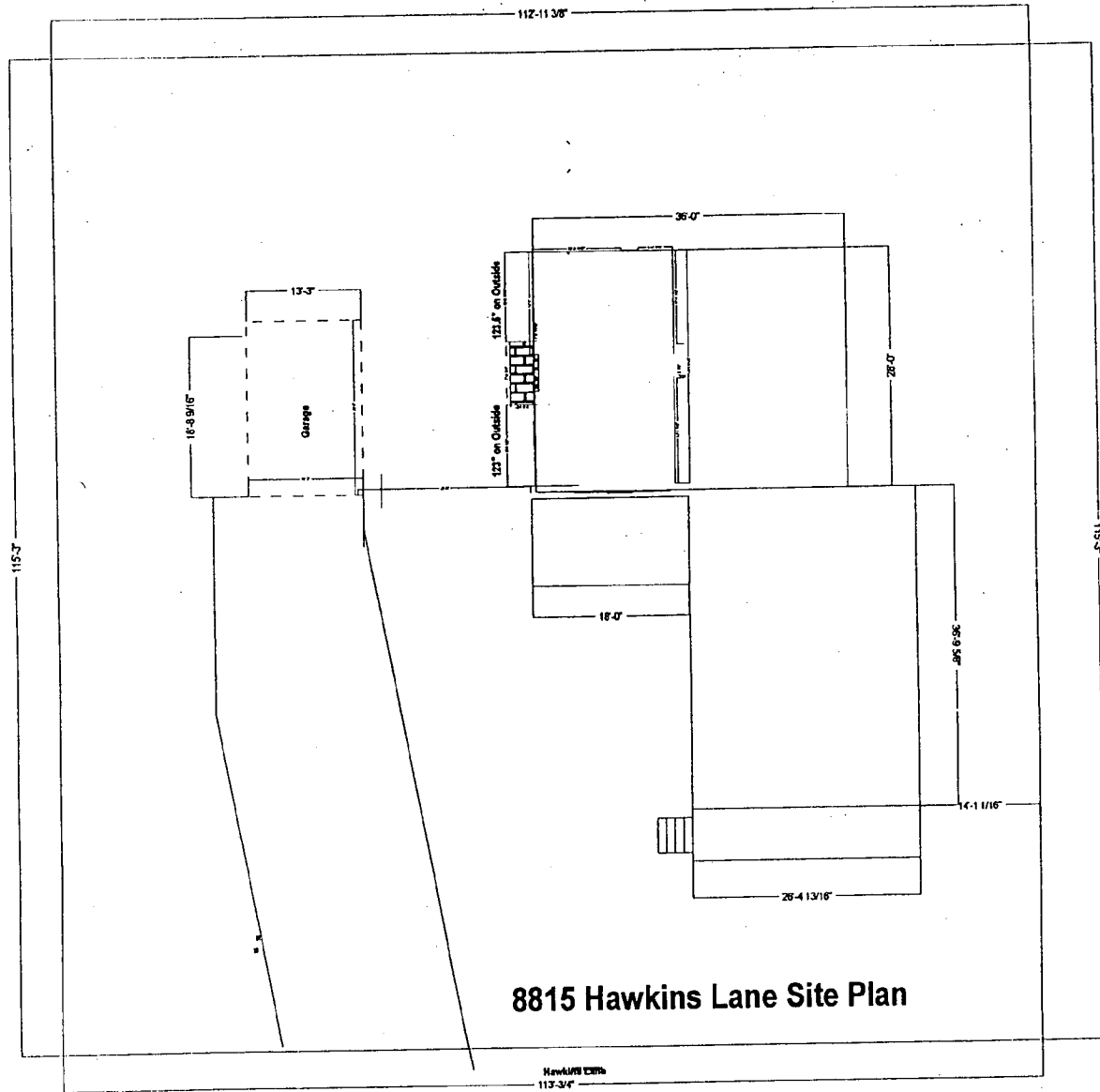
NO. OF PAGES

3

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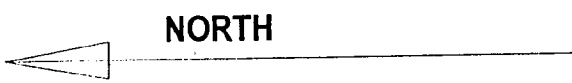
Signature  
SIGNATURE

10

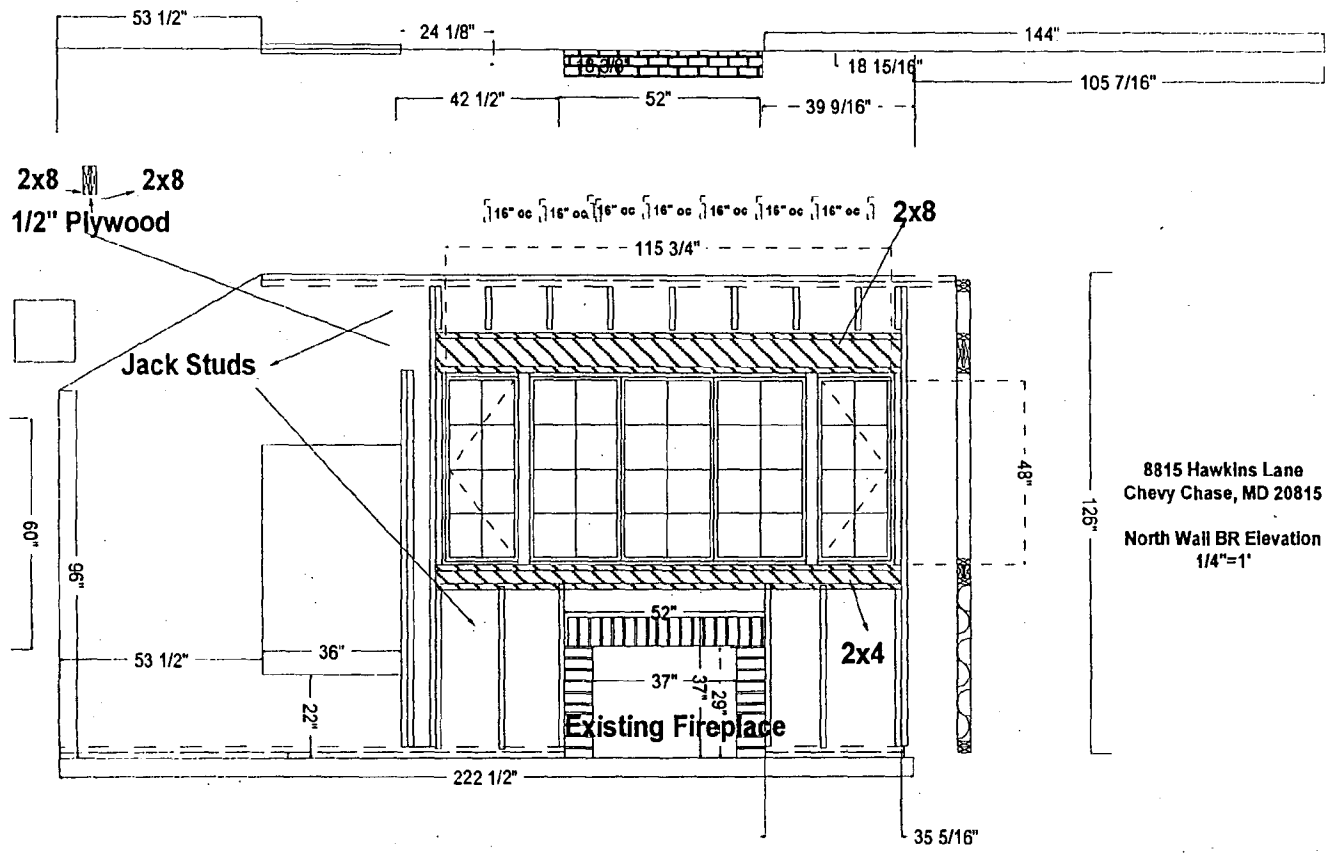


8815 Hawkins Lane Site Plan

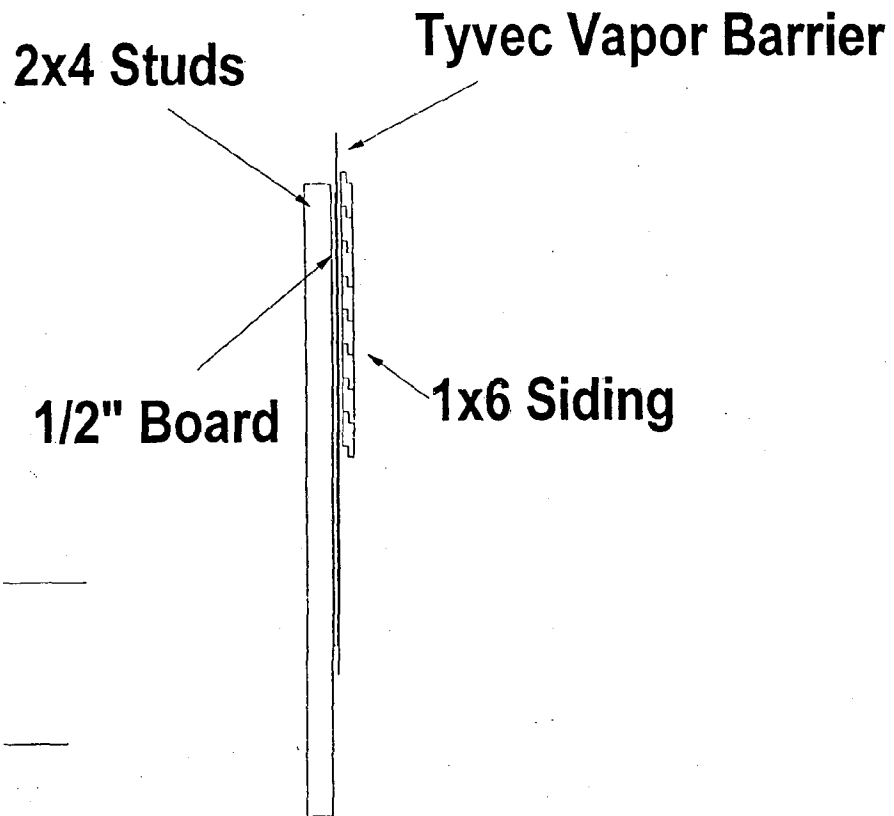
Hawkins Lane  
112-34'

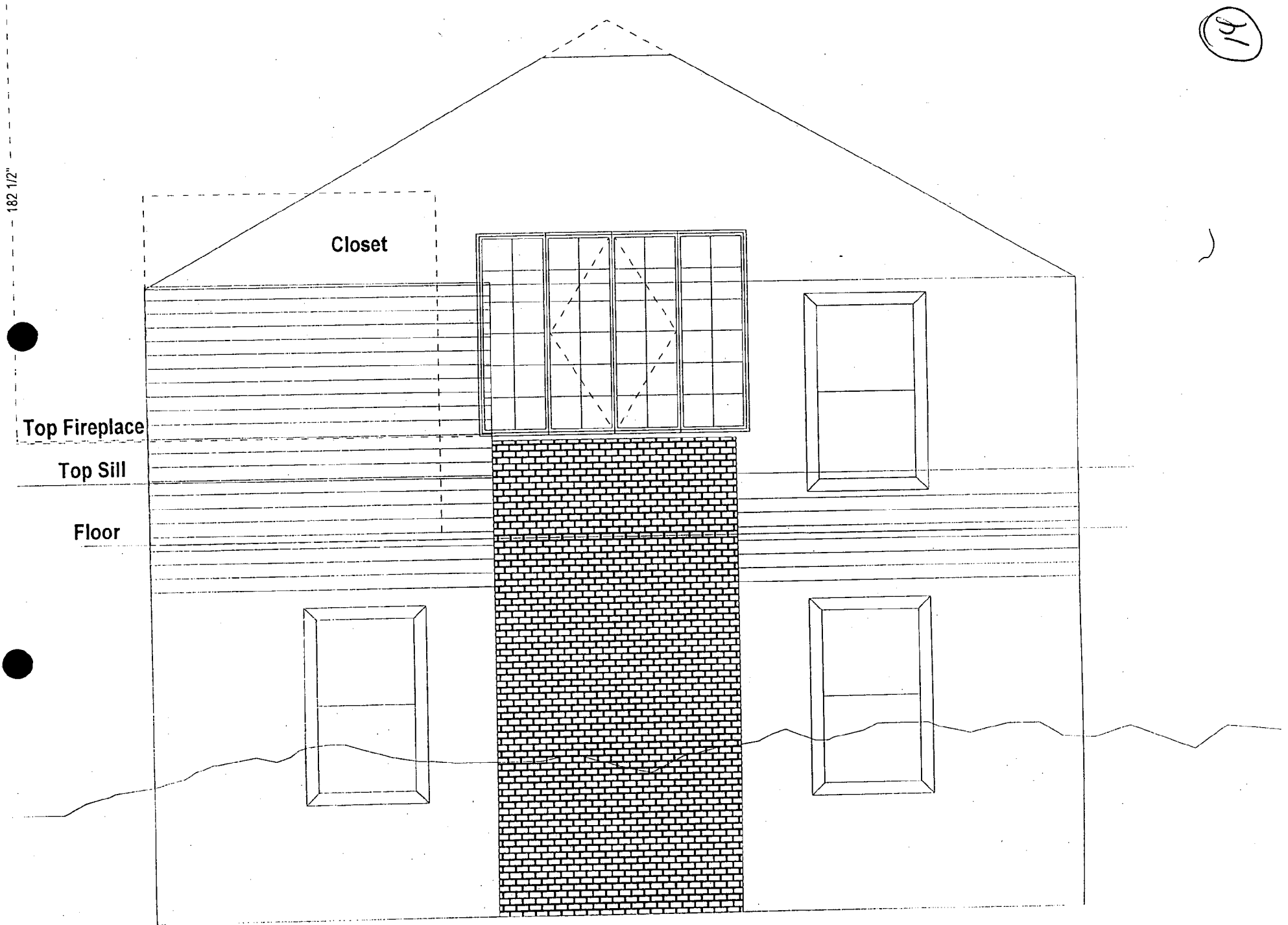


1" = 20'

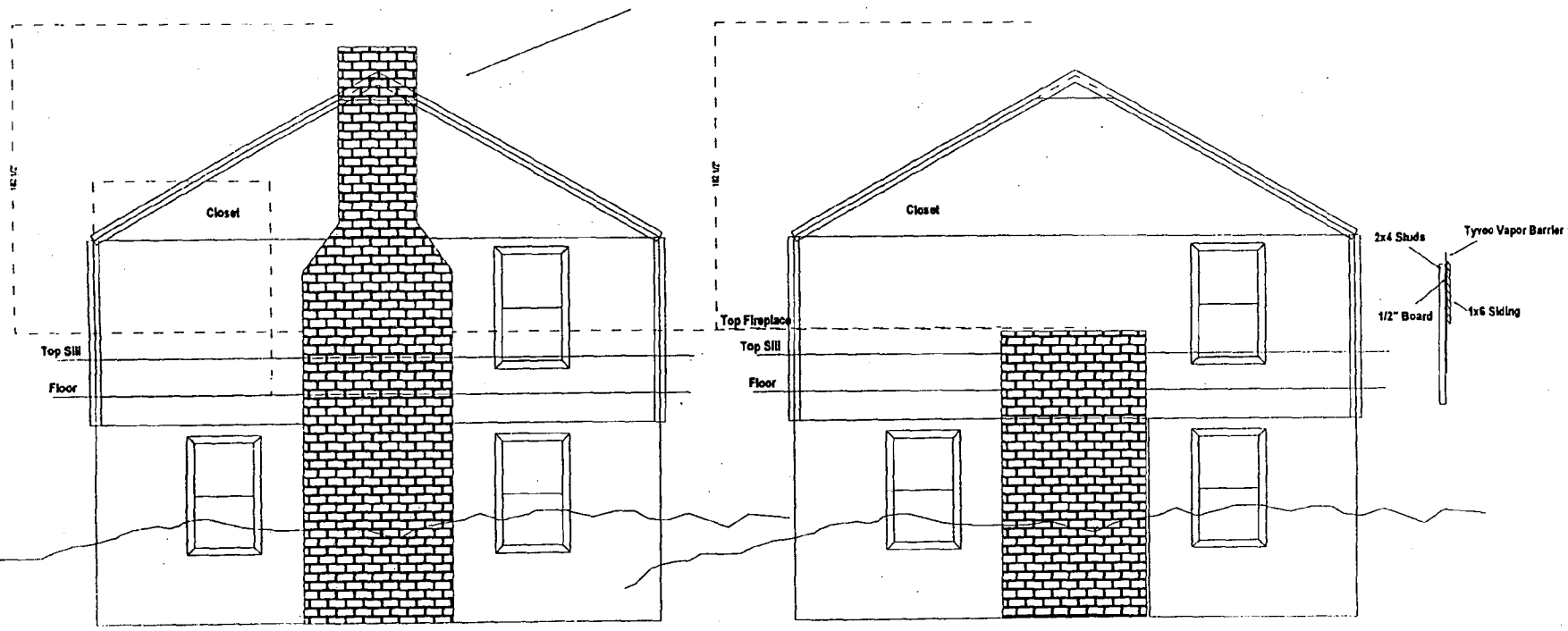


8815 Hawkins Lane  
 Chevy Chase, MD 20815  
 North Wall BR Elevation  
 1/4"=1'





Remove Top of Chimney

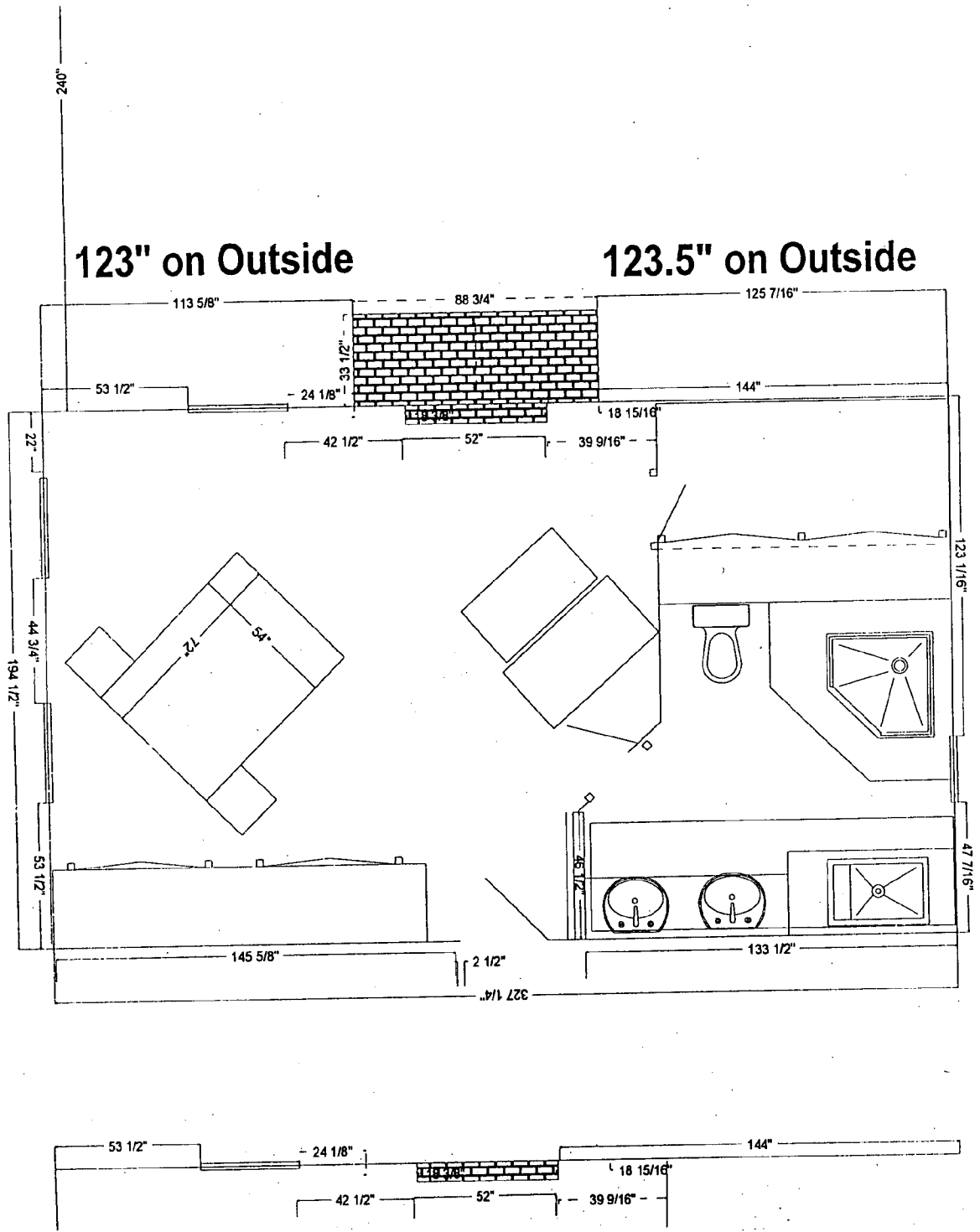


~~ORIGINAL~~  
CURRENT

PROPOSED

1/4" = 1'





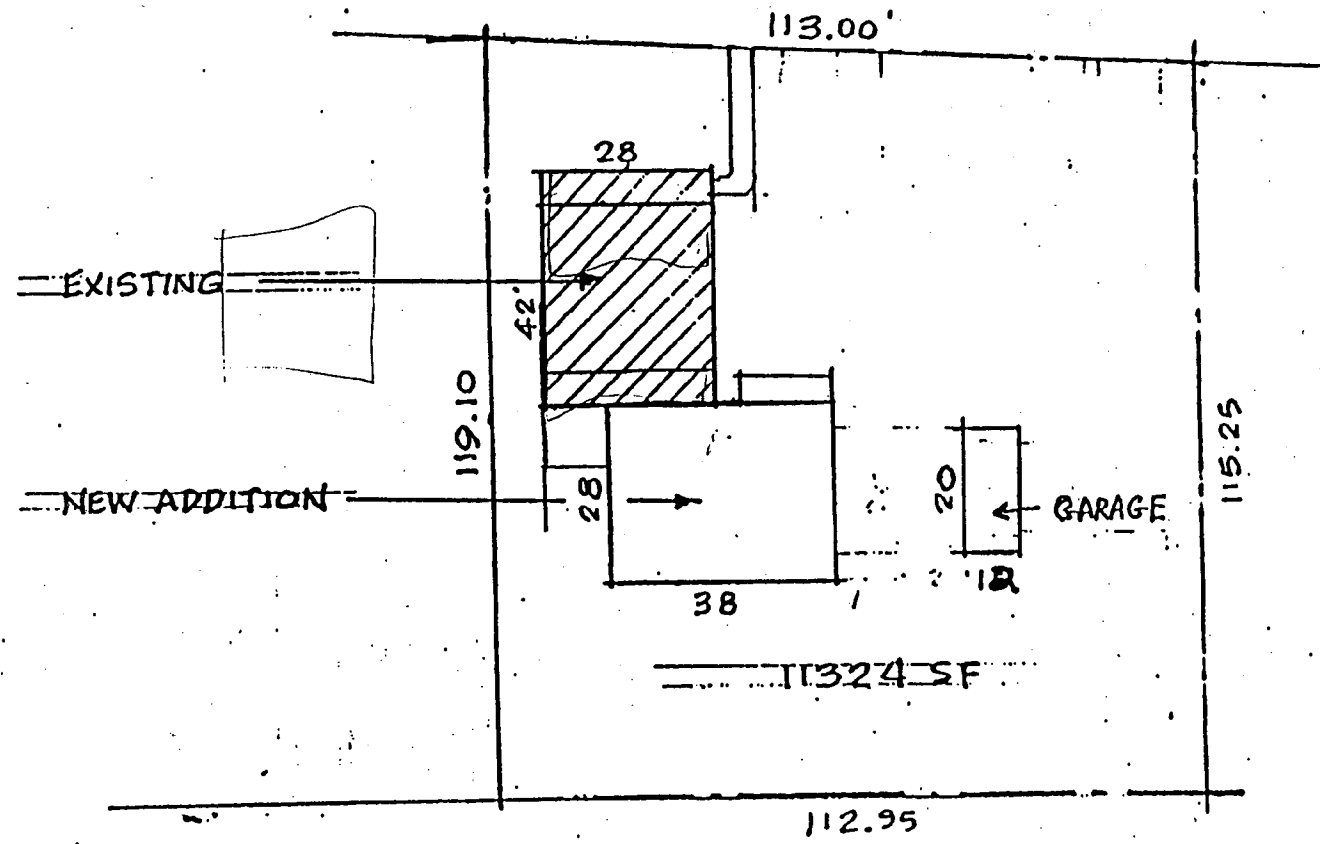
114" = 1'

P



P-1

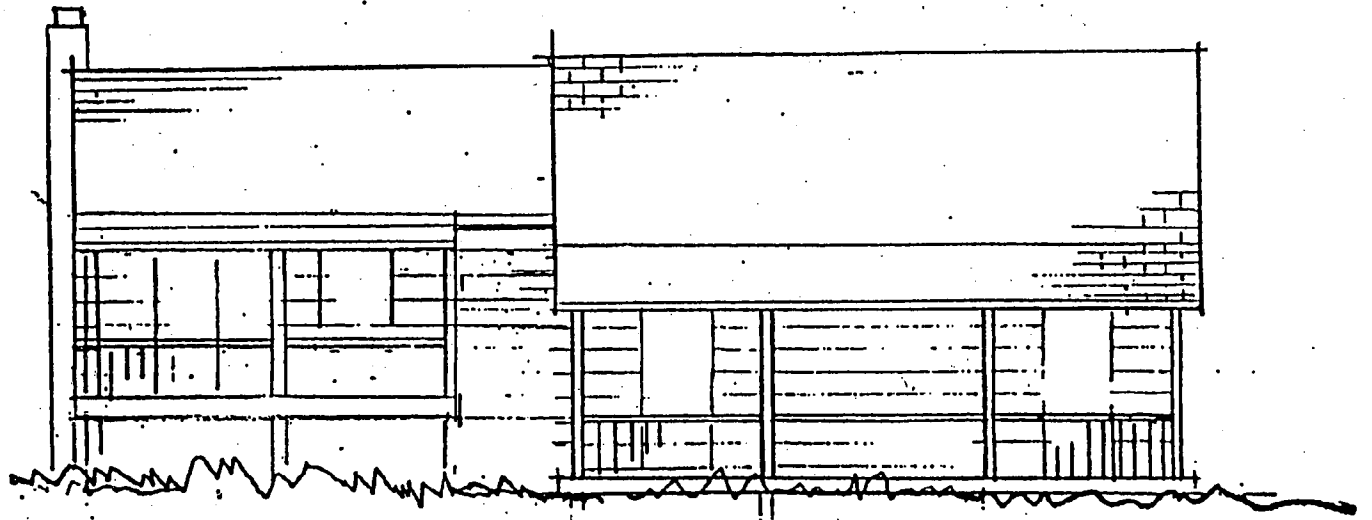
HAWKINS LANE



SITE PLAN

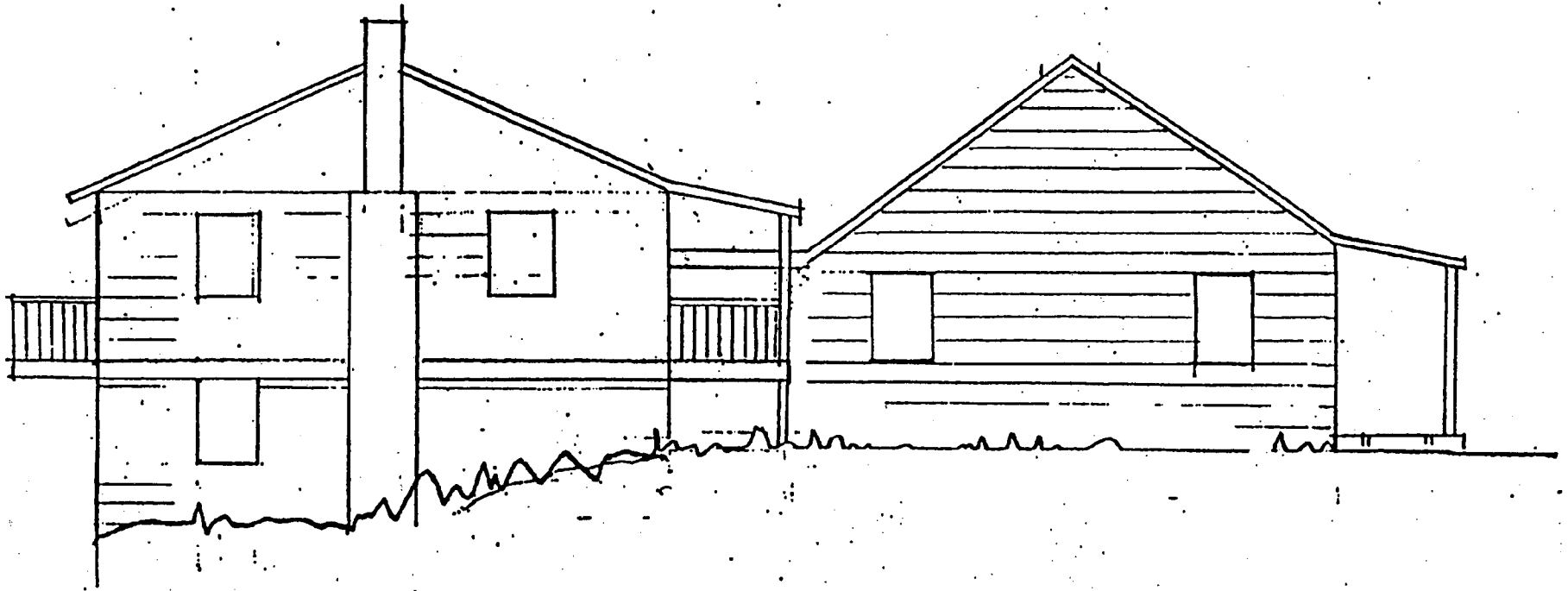
SCALE 1" = 30' 0"

P-2



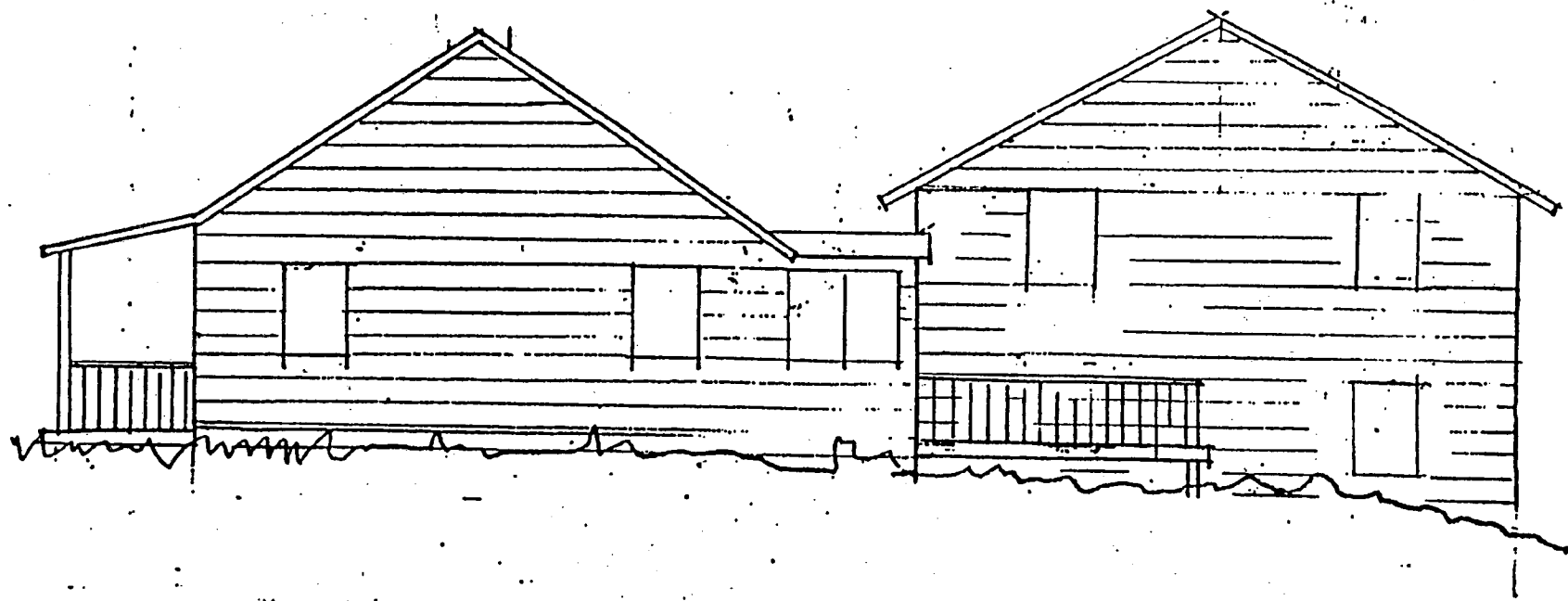
FRONT ELEVATION

SCALE: 1/8" = 1'-0"



SIDE ELEVATION  
SCALE: 1/8" = 1'-0"

2



SIDE ELEVATION  
SCALE: 1/8" = 1'-0"

# #35/54 HAWKINS LANE H.D.

House & Parcel Number	Set- back (feet)
-----------------------------	------------------------

## Hawkins Lane

8806 (P892)	12
8807 (P866)	15
8810 (P891)	24
<del>vac. (P865)</del>	
8812 (P890)	30
<del>8815 (P864)</del>	<del>20</del>
8816 (P838)	15
8818 (P837)	20
<del>vac. (P811)</del>	
8822 (P784)	20
8823 (N810)	25
8825 (N809)	25
<del>vac. (P783)</del>	
8827 (N808)	25
8829 (N757)	25

8213

~~8217~~

## Jones Bridge Road

<del>4201 (P945)</del>	<del>40</del>
<del>4117 (P919)</del>	<del>25</del>
<del>vac. (P916)</del>	
<del>4113 (P863)</del>	<del>40</del>

# Hawkins Lane Historic District Boundaries

#35/54

M.N.C.P. & P.C.

4.95 Ac.

3388/604

14.35 Ac.

P539

M.N.C.P. & P.C.

3388/604 6.69

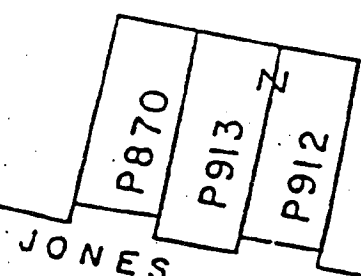
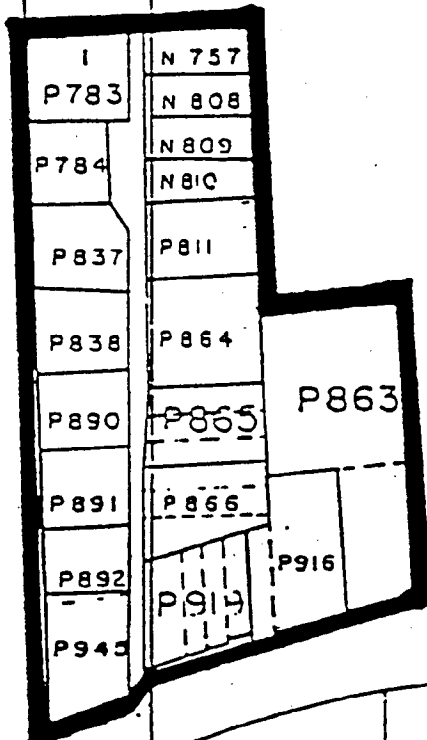
P695

M.N.C.P. & P.C.

3388/604

9.99 Ac.

P806





JONES BRIDGE


DIST.	CURRENT TO
7	7-1-90
13	7-1-90


**HAWKINS LANE HISTORIC DISTRICT**  
**CHEY CHASE, MD 20815**

**TAX MAP**


Outline of District

**SCALE:** 1" = 200'
 







SPECS

**CASEMENT** Weather Shield casement windows come in a wide range of sizes, multiple wide units, picture combinations, bows and angle bays so that you can easily design a custom look for everything you build. Our casements swing open a full 90° to provide extra ventilation and easy cleaning. With this much versatility, it's no

wonder they're one of our most popular windows.

Concealed, hinged arm hinges ensure smooth operation.

Available in full lite (shown), TDL, SDL, airspace, removable wood perimeter and Fashion Grilles.

Operating casements feature goldtone sash locks. Bright brass (shown) and white finishes are optional.

Interiors: Pine, Oak, Cherry (shown), Maple, Mahogany, White Latex, Poly I and Primed.

Several energy-efficient glazing options are available, including Value R10, Weather Shield's most energy-efficient glazing system.

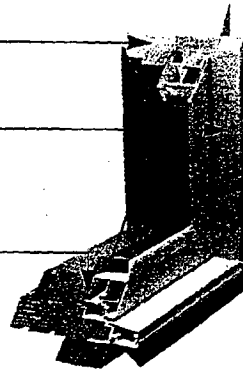
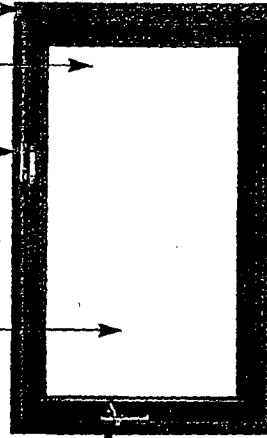
Operating casements feature goldtone roto operator case and handles. "T" handles and round handles are optional, as well as bright brass (shown) and white finishes.

Wood frame and sash members are specially treated with water-repellent preservatives.

Several exterior frame and sash finishes are available.

Shown is Painter's White Vinyl TFT frame with Contempra sash.

Double weather stripping with three points of contact provides an airtight seal.



casement

**THERMAL PERFORMANCE DATA**

PRODUCT LINE/GLAZING OPTION	TESTED COMPLETE UNIT <sup>a</sup>				CALCULATED CENTER OF GLASS <sup>b</sup>		SHADING CO-EFFICIENT	SOLAR HEAT GAIN CO-EFFICIENT	VISIBLE LIGHT TRANSMITTANCE	RELATIVE HEAT GAIN
	2-0 x 4-0 UNIT SIZE		2-6 x 5-0 UNIT SIZE		U-VALUE	R-VALUE				
	U-VALUE	R-VALUE	U-VALUE	R-VALUE						
PRIMED										
SINGLE GLAZED (1/8" LITES)	0.91	1.10	0.95	1.05	1.11	0.90	—	—	—	—
1" INSUL	0.49	2.04	0.49	2.04	0.50	2.00	0.93	0.80	0.83	193
1" INSUL w/ARGON GAS	0.48	2.08	0.48	2.08	0.47	2.13	0.93	0.80	0.83	193
1" INSUL LOW E	0.37	2.70	0.36	2.78	0.31	3.23	0.49	0.42	0.73	99
1" INSUL LOW E w/ARGON GAS	0.34	2.94	0.33	3.03	0.27	3.70	0.49	0.42	0.73	99
VALUE R6	0.26	3.85	0.25	4.00	0.16	6.25	0.32	0.27	0.58	66
VALUE R10	0.23	4.35	0.21	4.76	0.11	9.09	0.41	0.35	0.58	83
SINGLE GLAZED TDL (1/8" LITES)	0.88	1.14	0.91	1.10	1.11	0.90	—	—	—	—
1" INSUL TDL	0.54	1.85	0.56	1.79	0.50	2.00	0.93	0.80	0.83	193
1" INSUL TDL w/ARGON GAS	0.53	1.89	0.55	1.82	0.47	2.13	0.93	0.80	0.83	193
1" INSUL LOW E TDL	0.45	2.22	0.46	2.17	0.31	3.22	0.49	0.42	0.73	99
1" INSUL LOW E TDL w/ARGON GAS	0.42	2.38	0.44	2.27	0.27	3.70	0.49	0.42	0.73	99
ALLUMA TFT										
1" INSUL	0.54	1.85	0.53	1.89	0.50	2.00	0.93	0.80	0.83	193
1" INSUL LOW E	0.42	2.38	0.40	2.50	0.32	3.12	0.49	0.42	0.73	99
1" INSUL LOW E w/ARGON GAS	0.38	2.63	0.36	2.78	0.27	3.70	0.49	0.42	0.73	99
VALUE R6	0.33	3.03	0.30	3.33	0.16	6.25	0.32	0.27	0.58	66
VALUE R10	0.27	3.70	0.24	4.17	0.10	10.00	0.41	0.35	0.58	83

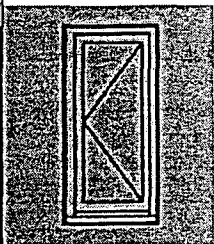
<sup>a</sup> Tested U & R Values are derived from computer simulations using the WINDOW 4.0 and FRAME 3.0 programs. Simulations are then verified by testing in accordance with NFRC 100-91.

<sup>b</sup> Calculated center point values are calculated using the WINDOW 4.0 program, WINDOWS and DAYLIGHT GROUP, Lawrence Berkeley Laboratory. All calculations based on center of glass values for insul units under standard ASHRAE winter conditions with 0° (F) outdoor and 70° (F) indoor temperatures along with a 15 MPH outside wind. Edge effects and window system frame effects have not been considered.

# Weather Shield



- Weather Shield®
- Legacy Series™
- ProShield®
- Visions 2000®
- Custom Shield®
- HR 175™



[Construction](#)   [Options](#)   [Sizes](#)   [Performance](#)   [Warranty](#)

## Casement Window Thermal Performance

### Primed Casement

#### Windows:

- [Awnings](#)
- [Casement](#)
- [Circle Top](#)
- [Direct-Set](#)
- [French Casement](#)
- [Scena-Vu](#)
- [Slide/By](#)
- [Specialty](#)
- [Tilt](#)
- [Tilt Sash](#)
- [Replacement](#)

#### Doors:

- [Arbor Series](#)
- [Clar-Vu](#)
- [Fire/Storm](#)
- [French](#)
- [French Sliding](#)
- [Lee Haven](#)
- [Mark-Haven](#)
- [Oxford Manor](#)
- [Picture Sliding Patio](#)
- [Sliding Patio](#)

- [Windows 101](#)
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Product Type	Glazing Options	Glass Type	Residential NFRC Size (24"X48")				Residential NF (24"X48) Center of Glass C		
			U-Value	R-Value	Solar Heat Gain Co-efficient	Visible Light Transmittance	U-Value	R-Value	Solar Heat Gain Co-efficient
Without Grilles	1" Insul	Insul	0.49	2.04	0.55	0.56	0.50	2.00	0.76
	1" w/Argon Gas	Insul w/Argon Gas	0.48	2.08	0.55	0.56	0.47	2.13	0.76
	1" Insul Low E <sup>2</sup>	Insul Low E <sup>2</sup>	0.37	2.70	0.31	0.50	0.31	3.23	0.41
	1" Insul low E <sup>2</sup> w/Argon Gas	Insul low E <sup>2</sup> w/Argon Gas	0.34	2.94	0.31	0.50	0.27	3.70	0.41
	1" Triple Value R6	Value R6	0.26	3.85	0.24	0.40	0.16	6.25	0.32
	1" Triple Value R10	Value R10	0.23	4.35	0.24	0.40	0.11	9.09	0.32
	1" TDL Insul	Insul	0.54	1.85	0.47	0.46	0.50	2.00	0.76
	1" TDL w/Argon Gas	Insul w/Argon Gas	0.53	1.89	0.47	0.46	0.47	2.13	0.76
	1" TDL Insul Low E <sup>2</sup>	Insul Low E <sup>2</sup>	0.45	2.22	0.27	0.41	0.31	3.23	0.41
	1" TDL Insul Low E <sup>2</sup> w/Argon Gas	Insul Low E <sup>2</sup> w/Argon Gas	0.42	2.38	0.27	0.41	0.27	3.70	0.41

### Contempra Vinyl Casement

Product Type	Glazing Options	Glass Type	Residential NFRC Size (24"X48")				Residential NF (24"X48) Center of Glass C			
			U-Value	R-Value	Solar Heat Gain Co-efficient	Visible Light Transmittance	U-Value	R-Value	Solar Heat Gain Co-efficient	
Without Grilles	1" Insul	Insul	0.48	2.08	0.56	0.58	0.50	2.00	0.77	
	1" w/Argon Gas	Insul w/Argon Gas	0.46	2.17	0.56	0.58	0.47	2.13	0.77	
	1" Insul Low E <sup>2</sup>	Insul Low E <sup>2</sup>	0.35	2.86	0.27	0.50	0.31	3.23	0.36	
	1" Insul Low E <sup>2</sup> w/Argon Gas	Insul Low E <sup>2</sup> w/Argon Gas	0.32	3.13	0.27	0.50	0.26	3.85	0.36	
	1" Triple Value R6	Value R6	0.26	3.85	0.22	0.38	0.19	5.26	0.28	
	1" Triple Value R10	Value R10	0.22	4.55	0.22	0.38	0.12	8.33	0.28	
	1" w/Argon Gas	Insul w/Argon Gas	0.46	2.17	0.52	0.53	0.47	2.13	0.77	
	1" Insul	Insul	0.35	2.86	0.25	0.45	0.31	3.23	0.36	
	With Grilles	1" Insul	Insul	0.35	2.86	0.25	0.45	0.31	3.23	0.36

26

In Airspace <sup>3</sup>	Low E <sup>2</sup> Insul Low								
1"	E <sup>2</sup> w/Argon Gas	0.32	3.13	0.25	0.45	0.26	3.85	0.36	

Contempra Aluminum Casement

Product Type	Glazing Options	Glass Type	Residential NFRC Size (24"X48") Total Unit Calculations <sup>1</sup>				Residential NF (24"X48) Center of Glass C		
			U-Value	R-Value	Solar Heat Gain Co-efficient	Visible Light Transmittance	U-Value	R-Value	Solar Heat Gain Co-efficient
	1"	Insul	0.56	1.79	0.57	0.57	0.50	2.00	0.76
	1"	Insul w/Argon Gas	0.54	1.85	0.57	0.57	0.47	2.13	0.76
	1"	Insul Low E <sup>2</sup>	0.43	2.33	0.29	0.49	0.31	3.23	0.36
	1"	Insul Low E <sup>2</sup> w/Argon Gas	0.40	2.50	0.29	0.49	0.26	3.85	0.36
	1" TDL	Insul	0.64	1.56	0.57	0.57	0.49	2.04	0.76
	1" TDL	Insul w/Argon Gas	0.62	1.61	0.57	0.57	0.47	2.13	0.76
	1" TDL	Insul Low E <sup>2</sup>	0.54	1.85	0.29	0.49	0.31	3.23	0.36
Without Grilles	1" TDL	Insul Low E <sup>2</sup> w/Argon Gas	0.52	1.92	0.29	0.49	0.26	3.85	0.36
	1" Triple	Value R6	0.33	3.03	0.23	0.38	0.16	6.25	0.28
	1" Triple	Value R10	0.30	3.33	0.23	0.38	0.11	9.09	0.28
	1/8" TDL	Single Glaze	1.08	0.93	0.64	0.64	1.11	0.90	0.86
	1/8"	Single Glaze	1.02	0.98	0.64	0.64	1.11	0.90	0.86
	13/16" SDL	Insul	0.57	1.75	0.57	0.57	0.49	2.04	0.76
	13/16" SDL	Insul w/Argon Gas	0.56	1.79	0.57	0.57	0.47	2.13	0.76
	13/16" SDL	Insul Low E <sup>2</sup>	0.45	2.22	0.29	0.49	0.30	3.33	0.36
	13/16" SDL	Insul Low E <sup>2</sup> w/Argon Gas	0.42	2.38	0.29	0.49	0.25	4.00	0.36

<sup>1</sup> - Total Unit Calculations U & R Values are derived from computer simulations using the FRAME 4.0 programs. Simulations are then verified by testing in accordance with NFRC 10

<sup>2</sup> - Center of Glass Calculations U & R Values are calculated using the currently approved Windows and Daylight Group, Lawrence Berkeley Laboratory. All calculations based on insul units under standard ASHRAE winter conditions with 0 degree (F) outdoor and 70 degree temperatures along with a 15 mph outside wind. Edge effects and window system frame efficiency considered.

<sup>3</sup> - Grille in airspace includes Weather Shield units ordered with Simulated Divided Lite with

<sup>4</sup> - ENERGY STAR performance criteria is based on Residential NFRC sizes:

Climate	U-Value	SHGC
N = Northern	0.35 and below	any
C = Central	0.40 and below	0.55 and below
S = Southern	0.75 and below	0.40 and below

<sup>5</sup> - The effectiveness of an inert gas will be eliminated in window and door products ordered with capillary tubes. U values for units manufactured with an inert gas will be simulated with

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# Weather Shield

Dealers Corner

Architect Corner

Re

Weather Shield®

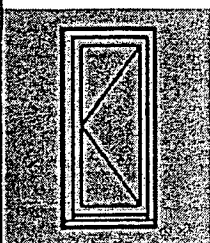
Legacy Series™

ProShield®

Visions 2000®

Custom Shield®

HR 175™



[Construction](#) [Options](#) [Sizes](#) [Performance](#) [Warranty](#)

## Casement Windows



Windows 101

Idea House

What's New

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### Windows:

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[Casement](#)

[Circle Top](#)

[Direct-Set](#)

[French Casement](#)

[Scena-Vu](#)

[Slide/By](#)

[Specialty](#)

[Tilt](#)

[Tilt Sash](#)

[Replacement](#)

### Doors:

[Arbor Series](#)

[Clar-Vu](#)

[Fire/Storm](#)

[French](#)

[French Sliding](#)

[Lee Haven](#)

[Mark-Haven](#)

[Oxford Manor](#)

[Picture Sliding Patio](#)

[Sliding Patio](#)

Unit	RO 1 Wide	RO 2 Wide	RO 3 Wide	RO 4 Wide
12 x 20	1-5 x 2-1 3/8	2-9 x 2-1 3/8	4-1 x 2-1 3/8	5-5 x 2-1 3/8
12 x 24	1-5 x 2-5 3/8	2-9 x 2-5 3/8	4-1 x 2-5 3/8	5-5 x 2-5 3/8
12 x 28	1-5 x 2-9 3/8	2-9 x 2-9 3/8	4-1 x 2-9 3/8	5-5 x 2-9 3/8
12 x 32	1-5 x 3-1 3/8	2-9 x 3-1 3/8	4-1 x 3-1 3/8	5-5 x 3-1 3/8
12 x 36	1-5 x 3-5 3/8	2-9 x 3-5 3/8	4-1 x 3-5 3/8	5-5 x 3-5 3/8
12 x 40	1-5 x 3-9 3/8	2-9 x 3-9 3/8	4-1 x 3-9 3/8	5-5 x 3-9 3/8
12 x 44	1-5 x 4-1 3/8	2-9 x 4-1 3/8	4-1 x 4-1 3/8	5-5 x 4-1 3/8
12 x 50	1-5 x 4-7 3/8	2-9 x 4-7 3/8	4-1 x 4-7 3/8	5-5 x 4-7 3/8
12 x 54	1-5 x 4-11 3/8	2-9 x 4-11 3/8	4-1 x 4-11 3/8	5-5 x 4-11 3/8
12 x 58	1-5 x 5-3 3/8	2-9 x 5-3 3/8	4-1 x 5-3 3/8	5-5 x 5-3 3/8
12 x 68	1-5 x 6-1 3/8	2-9 x 6-1 3/8	4-1 x 6-1 3/8	5-5 x 6-1 3/8
16 x 20	1-9 x 2-1 3/8	3-5 x 2-1 3/8	5-1 x 2-1 3/8	6-9 x 2-1 3/8
16 x 24	1-9 x 2-5 3/8	3-5 x 2-5 3/8	5-1 x 2-5 3/8	6-9 x 2-5 3/8
16 x 28	1-9 x 2-9 3/8	3-5 x 2-9 3/8	5-1 x 2-9 3/8	6-9 x 2-9 3/8
16 x 32	1-9 x 3-1 3/8	3-5 x 3-1 3/8	5-1 x 3-1 3/8	6-9 x 3-1 3/8
16 x 36	1-9 x 3-5 3/8	3-5 x 3-5 3/8	5-1 x 3-5 3/8	6-9 x 3-5 3/8
16 x 40	1-9 x 3-9 3/8	3-5 x 3-9 3/8	5-1 x 3-9 3/8	6-9 x 3-9 3/8
16 x 44	1-9 x 4-1 3/8	3-5 x 4-1 3/8	5-1 x 4-1 3/8	6-9 x 4-1 3/8
16 x 50	1-9 x 4-7 3/8	3-5 x 4-7 3/8	5-1 x 4-7 3/8	6-9 x 4-7 3/8
16 x 54	1-9 x 4-11 3/8	3-5 x 4-11 3/8	5-1 x 4-11 3/8	6-9 x 4-11 3/8
16 x 58	1-9 x 5-3 3/8	3-5 x 5-3 3/8	5-1 x 5-3 3/8	6-9 x 5-3 3/8
16 x 68	1-9 x 6-1 3/8	3-5 x 6-1 3/8	5-1 x 6-1 3/8	6-9 x 6-1 3/8
20 x 20	2-1 x 2-1 3/8	4-1 x 2-1 3/8	6-1 x 2-1 3/8	8-1 x 2-1 3/8
20 x 24	2-1 x 2-5 3/8	4-1 x 2-5 3/8	6-1 x 2-5 3/8	8-1 x 2-5 3/8
20 x 28	2-1 x 2-9 3/8	4-1 x 2-9 3/8	6-1 x 2-9 3/8	8-1 x 2-9 3/8
20 x 32	2-1 x 3-1 3/8	4-1 x 3-1 3/8	6-1 x 3-1 3/8	8-1 x 3-1 3/8
20 x 36	2-1 x 3-5 3/8	4-1 x 3-5 3/8	6-1 x 3-5 3/8	8-1 x 3-5 3/8
20 x 40	2-1 x 3-9 3/8	4-1 x 3-9 3/8	6-1 x 3-9 3/8	8-1 x 3-9 3/8
20 x 44	2-1 x 4-1 3/8	4-1 x 4-1 3/8	6-1 x 4-1 3/8	8-1 x 4-1 3/8
20 x 50	2-1 x 4-7 3/8	4-1 x 4-7 3/8	6-1 x 4-7 3/8	8-1 x 4-7 3/8
20 x 54	2-1 x 4-11 3/8	4-1 x 4-11 3/8	6-1 x 4-11 3/8	8-1 x 4-11 3/8
20 x 58	2-1 x 5-3 3/8	4-1 x 5-3 3/8	6-1 x 5-3 3/8	8-1 x 5-3 3/8
20 x 68	2-1 x 6-1 3/8	4-1 x 6-1 3/8	6-1 x 6-1 3/8	8-1 x 6-1 3/8
24 x 20	2-5 x 2-1 3/8	4-9 x 2-1 3/8	7-1 x 2-1 3/8	9-5 x 2-1 3/8
24 x 24	2-5 x 2-5 3/8	4-9 x 2-5 3/8	7-1 x 2-5 3/8	9-5 x 2-5 3/8
24 x 28	2-5 x 2-9 3/8	4-9 x 2-9 3/8	7-1 x 2-9 3/8	9-5 x 2-9 3/8
24 x 32	2-5 x 3-1 3/8	4-9 x 3-1 3/8	7-1 x 3-1 3/8	9-5 x 3-1 3/8
24 x 36 **	2-5 x 3-5 3/8	4-9 x 3-5 3/8	7-1 x 3-5 3/8	9-5 x 3-5 3/8
24 x 40 *	2-5 x 3-9 3/8	4-9 x 3-9 3/8	7-1 x 3-9 3/8	9-5 x 3-9 3/8
24 x 44 *	2-5 x 4-1 3/8	4-9 x 4-1 3/8	7-1 x 4-1 3/8	9-5 x 4-1 3/8
24 x 50 *	2-5 x 4-7 3/8	4-9 x 4-7 3/8	7-1 x 4-7 3/8	9-5 x 4-7 3/8
24 x 54 *	2-5 x 4-11 3/8	4-9 x 4-11 3/8	7-1 x 4-11 3/8	9-5 x 4-11 3/8
24 x 58 *	2-5 x 5-3 3/8	4-9 x 5-3 3/8	7-1 x 5-3 3/8	9-5 x 5-3 3/8
24 x 68 *	2-5 x 6-1 3/8	4-9 x 6-1 3/8	7-1 x 6-1 3/8	9-5 x 6-1 3/8
28 x 20	2-9 x 2-1 3/8	5-5 x 2-1 3/8	8-1 x 2-1 3/8	10-9 x 2-1 3/8
28 x 24	2-9 x 2-5 3/8	5-5 x 2-5 3/8	8-1 x 2-5 3/8	10-9 x 2-5 3/8
28 x 28	2-9 x 2-9 3/8	5-5 x 2-9 3/8	8-1 x 2-9 3/8	10-9 x 2-9 3/8
28 x 32 **	2-9 x 3-1 3/8	5-5 x 3-1 3/8	8-1 x 3-1 3/8	10-9 x 3-1 3/8
28 x 36 *	2-9 x 3-5 3/8	5-5 x 3-5 3/8	8-1 x 3-5 3/8	10-9 x 3-5 3/8

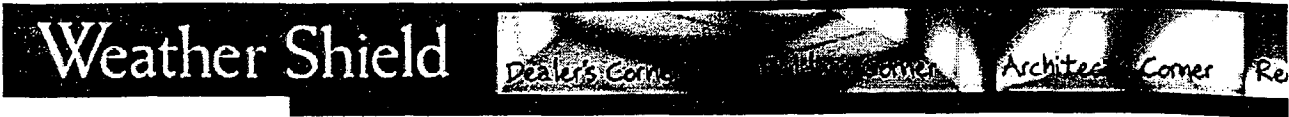
28 x 40 *	2-9 x 3-9 3/8	5-5 x 3-9 3/8	8-1 x 3-9 3/8	10-9 x 3-9 3/8
28 x 44 *	2-9 x 4-1 3/8	5-5 x 4-1 3/8	8-1 x 4-1 3/8	10-9 x 4-1 3/8
28 x 50 *	2-9 x 4-7 3/8	5-5 x 4-7 3/8	8-1 x 4-7 3/8	10-9 x 4-7 3/8
28 x 54 *	2-9 x 4-11 3/8	5-5 x 4-11 3/8	8-1 x 4-11 3/8	10-9 x 4-11 3/8
28 x 58 *	2-9 x 5-3 3/8	5-5 x 5-3 3/8	8-1 x 5-3 3/8	10-9 x 5-3 3/8
28 x 68 *	2-9 x 6-1 3/8	5-5 x 6-1 3/8	8-1 x 6-1 3/8	10-9 x 6-1 3/8
32 x 28	3-1 x 2-9 3/8	6-1 x 2-9 3/8	9-1 x 2-9 3/8	-
32 x 32	3-1 x 3-1 3/8	6-1 x 3-1 3/8	9-1 x 3-1 3/8	-
32 x 36 *	3-1 x 3-5 3/8	6-1 x 3-5 3/8	9-1 x 3-5 3/8	-
32 x 40 *	3-1 x 3-9 3/8	6-1 x 3-9 3/8	9-1 x 3-9 3/8	-
32 x 44 *	3-1 x 4-1 3/8	6-1 x 4-1 3/8	9-1 x 4-1 3/8	-
32 x 50 *	3-1 x 4-7 3/8	6-1 x 4-7 3/8	9-1 x 4-7 3/8	-
32 x 54 *	3-1 x 4-11 3/8	6-1 x 4-11 3/8	9-1 x 4-11 3/8	-
32 x 58 *	3-1 x 5-3 3/8	6-1 x 5-3 3/8	9-1 x 5-3 3/8	-
32 x 68 *	3-1 x 6-1 3/8	6-1 x 6-1 3/8	9-1 x 6-1 3/8	-

TFT Unit Size = Rough Opening less 1" in width and 1/2" in height.  
 Brick Mould Unit Size = Rough Opening plus 2" in width and 1-5/8" in height.  
 Jamb to Jamb Size = Rough Opening less 1" in width and 1-1/4" in height.  
 Masonry Opening = Add 1/2" to unit size width and 1/2" to unit size height.  
 Always specify hinge code location: L(Left), R(Right), S(Stationary) AS VIEWED FROM TH

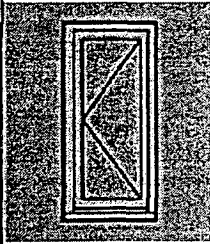
\* - These sizes meet or exceed egress opening requirements per 1993 BOCA (Building Officials and Code Administrators) National Building Code and 1994 UBC (Uniform Building Code) minimum clear opening width, 24" clear opening height and 5.7 sq. ft. clear opening. Verify local or state egress requirements with your local building inspector.

\*\* - These sizes, with egress hinges, will meet egress opening requirements per 1993 BOCA (Building Officials and Code Administrators) National Building Code and 1994 UBC (Uniform Building Code) minimum clear opening width, 24" clear opening height and 5.7 sq. ft. clear opening. Verify local or state egress requirements with your local building inspector.

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- Weather Shield
- Legacy Series™
- ProShield®
- Visions 2000®
- Custom Shield®
- HR 175™



[Construction](#) [Options](#) [Sizes](#) [Performance](#) [Warranty](#)

### Casement Construction

Our casements are built to swing open wide for easy cleaning. Concealed, hinged arm hing smooth operation.

- Windows 101
- Idea House
- What's New
- About Weather Shield
- Dealer Locator
- Request Literature
- Contact Us
- Support Services
- Site Map

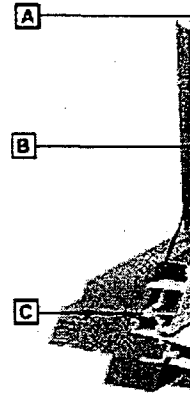
#### Windows:

- [Awnings](#)
- [Casement](#)
- [Circle Top](#)
- [Direct-Set](#)
- [French Casement](#)
- [Scena-Vu](#)
- [Slide/By](#)
- [Specialty](#)
- [Tilt](#)
- [Tilt Sash](#)
- [Replacement](#)

#### Doors:

- [Arbor Series](#)
- [Clar-Vu](#)
- [Fire/Storm](#)
- [French](#)
- [French Sliding](#)
- [Lee Haven](#)
- [Mark-Haven](#)
- [Oxford Manor](#)
- [Picture Sliding Patio](#)
- [Sliding Patio](#)

- A. Wood frame and sash members are specially treated with water-repellent preservatives.
- B. Choose from aluminum-clad, vinyl-clad or all-wood exteriors.
- C. Double weather stripping with three points of contact creates an airtight seal.



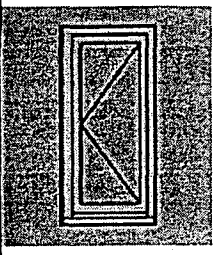
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- Weather Shield®
- Legacy Series™
- ProShield®
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[Construction](#) [Options](#) [Sizes](#) [Performance](#) [Warranty](#)

### Casement Options

The standard casement window features a goldtone operator caséhandle and sash locks. pointer over the photo to view the many options for this window.

Exteriors: Choose from virtually maintenancefree aluminum-clad, vinyl-clad or all-wood ext

#### Windows:

- [Awnings](#)
- [Casement](#)
- [Circle Top](#)
- [Direct-Set](#)
- [French Casement](#)
- [Scena-Vu](#)
- [Slide/By](#)
- [Specialty](#)
- [Tilt](#)
- [Tilt Sash Replacement](#)

Exterior Casings: For an elegant exterior finish, select from Brick Mould, Stucco Mould, Was Brick Mould exterior casings.

Exterior Finishes: Standard Flexicolors include Painter's White, Desert Tan, Western Adobe. Additional options include Sunbeam Yellow, Obsidian, Boysenberry, Mist Grey and Cameo. you to develop custom colors to perfectly match exterior details.

Custom Wood Interiors Collection™: Wood interiors provide an opportunity to add a custom. Choose from Pine, Oak, Cherry, Maple, Mahogany, American Fir, Knotty Pine, Poly I and Pr

Grilles: Available with true divided lite, simulated divided lite, airspace grilles, removable wo a variety of custom grilles.

Glazing Options: Several glazing options are available, including Valu&10; Weather Shield efficient glazing option. Choose from specialty glazings like tinted, spandrel, rain, evergreen tempered, to name just a few.

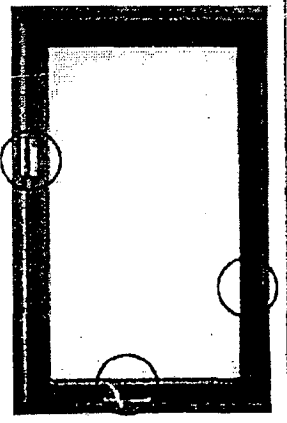
#### Doors:

- [Arbor Series](#)
- [Clar-Vu](#)
- [Fire/Storm](#)
- [French](#)
- [French Sliding](#)
- [Lee Haven](#)
- [Mark-Haven](#)
- [Oxford Manor](#)
- [Picture Sliding Patio](#)
- [Sliding Patio](#)

Interior Finishes: Create the perfect interior color using our Primed finish as a base, or choo Painter's White, Desert Tan, Western Adobe or Hartford Green Poly I finishes.

Interior Trim: Choose from nine different styles of Interior rim, and add rosettes for the perf

Hardware: Goldtone operator case and handle are standard. Bright brass and white finishes round handles and "T" handles.



32

MENT PICTURE CENTER ELEVATI

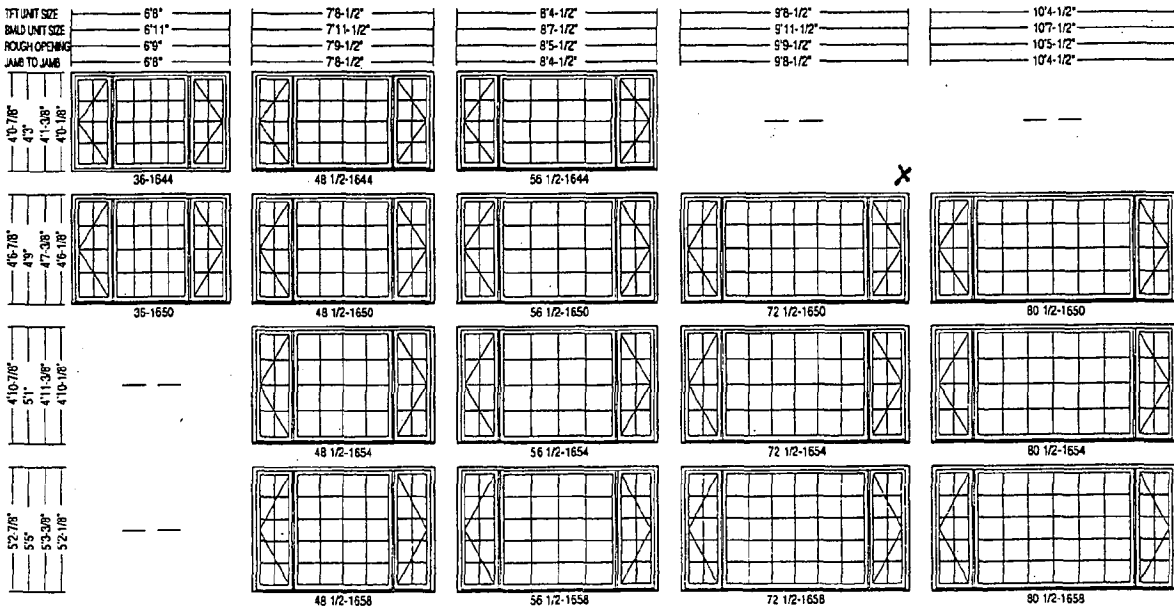
SCALE: 1/8" = 1'0"



UNITS SHOW RECTANGULAR GRILLE DIVISIONS. FOR DIAMOND GRILLE AND TRUE DIVIDED LITE DIVISIONS, REFER TO PAGE 78.

CASEMENT PICTURE COMBINATION ELEVATIONS

SCALE: 1/8" = 1'0"



UNITS SHOW RECTANGULAR GRILLE DIVISIONS. FOR DIAMOND GRILLE AND TRUE DIVIDED LITE DIVISIONS, REFER TO PAGE 78.  
ALWAYS SPECIFY HINGE CODE LOCATION: L (LEFT), R (RIGHT), S (STATIONARY) AS VIEWED FROM THE OUTSIDE.

PHOTOS

Henry Posner

8815 Hawkins Lane  
Chevy Chase, MD 20815

Clean Drinking Subdivison



(202) 387-3825 Café

hp@kramers.com

(301) 654-9261 Home

(202) 232-6777 Café Fax  
C:\DATA\HP\HPSTAT.doc

(202) 494-5937 Mobile

(202) 318-0089 eFax

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Chevy Chase, MD 20815

Clean Drinking Subdivison



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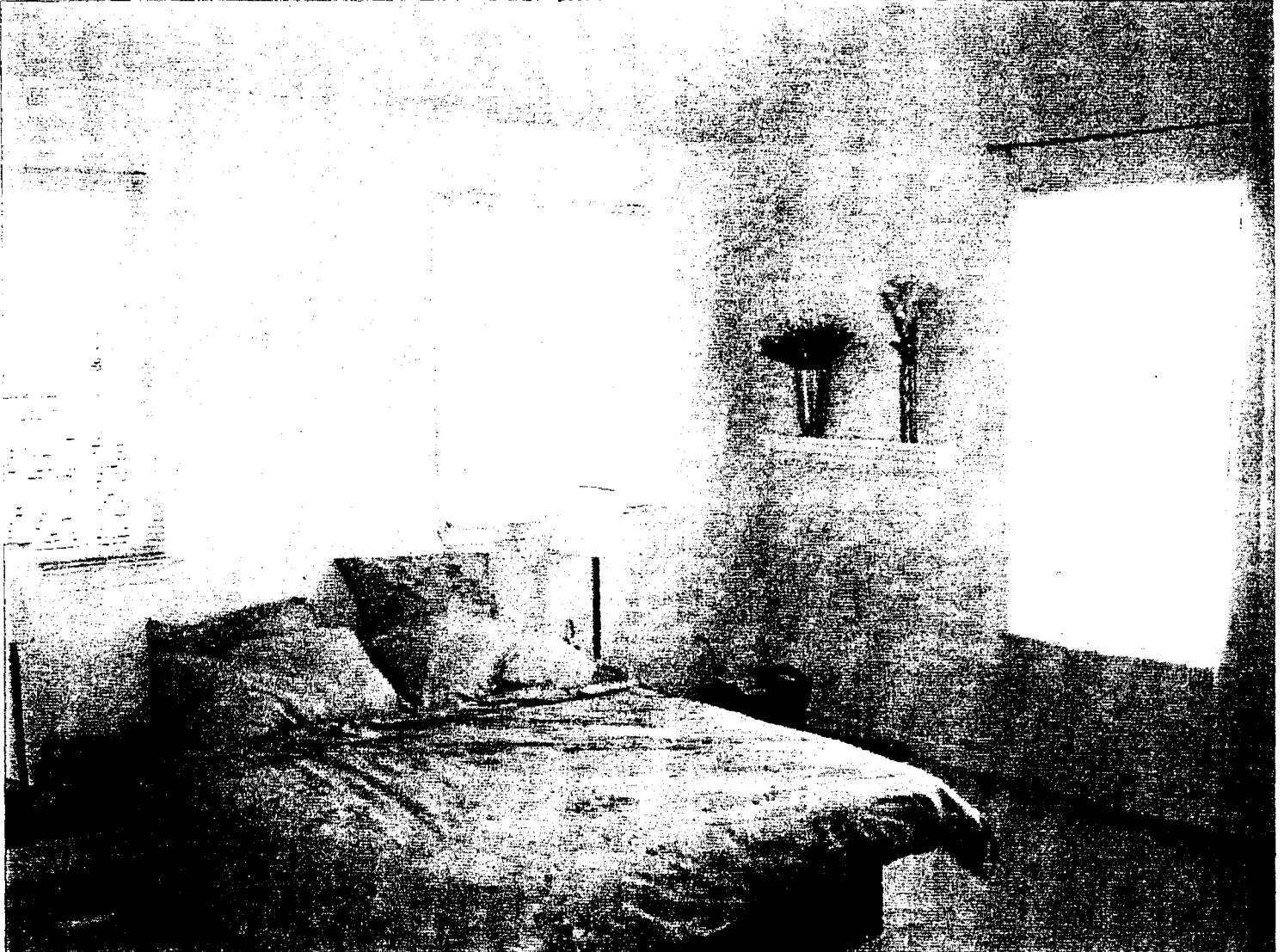
(202) 318-0089 eFax

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Henry Posner

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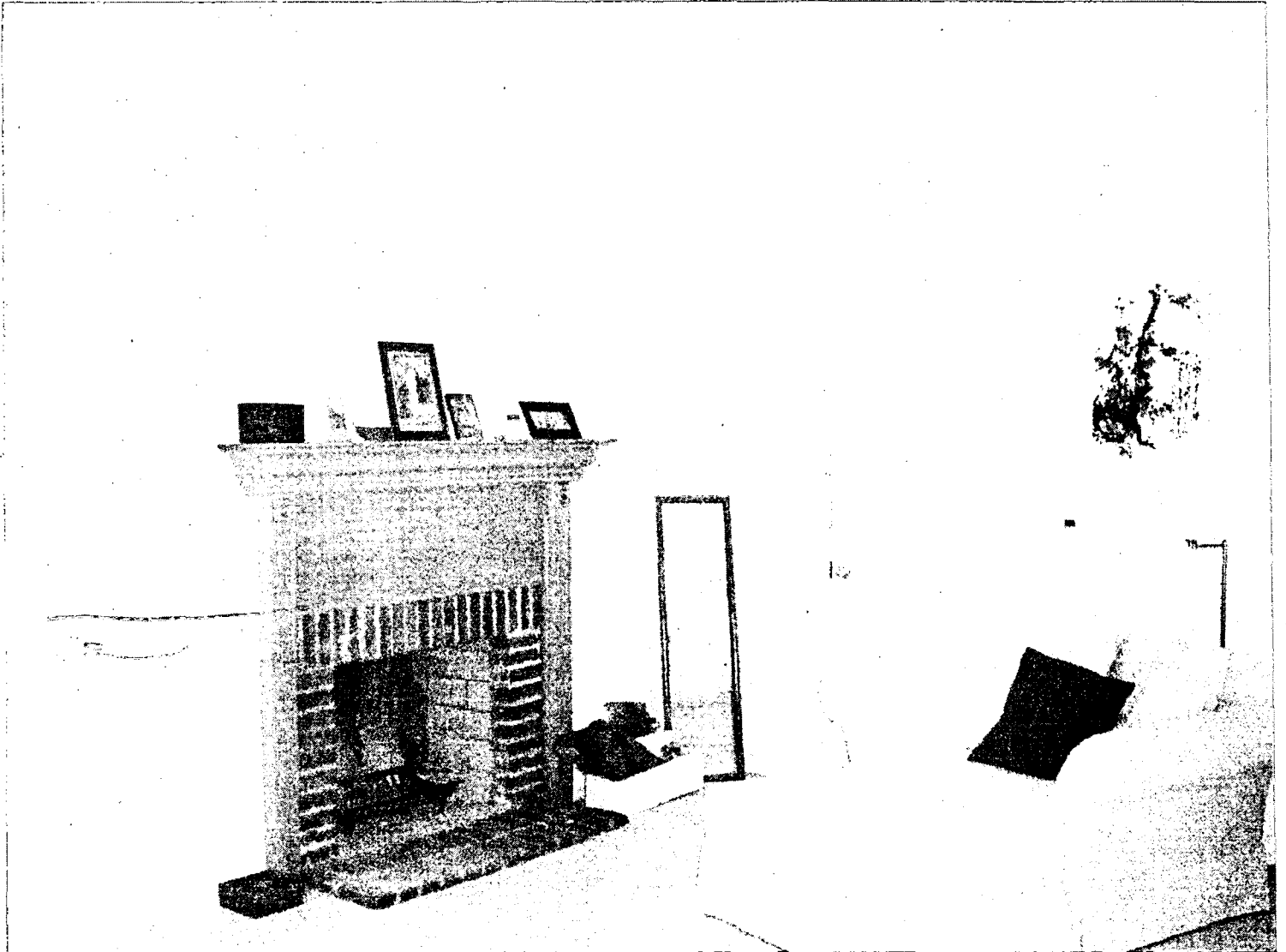
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(202) 318-0089 eFax

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05/01/03

Site Address  
8815 Hawkins Lane  
Chevy Chase, Maryland 20815  
Sudivision; Clean Drinking

**Scope of Work:**

To remove a portion of existing brick chimney and seal remaining portion from further use.

To install an additional window in the bedroom where the chimney existed, Currently, there are 3 36" x60" Double Hung Windows in the Bedroom.

PCANS

THE PLAT IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY THE LENDER OR A TITLE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING, OR RE-FINANCING.

THE PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS; AND THE PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR RE-FINANCING.

N/F  
**ROBERT D. CAMPS et.al.**  
 liber 13369 folio 678

N 89° 28' 00" W  
 S 84° 50' 53" E  
 115.25 DEED  
 115.14' COMP.

**WALTER W. HSU et.ux.**  
 liber 16878 folio 557  
 13,270 SQ.FT. OR 0.3046 AC. - COMP

13,235 SQ.FT.  
 DEED

203'  
 1 STORY  
 FRAME  
 GARAGE

GRAVEL DRIVEWAY

CELLAR WELL

DECK

CONC. PORCH  
 W/ROOF

1 STORY  
 FRAME  
 W/BSMT  
 NO. 8815

DECK

CELLAR WELL

N 84° 52' 53" W  
 S 89° 30' 00" E  
 119.96' COMP  
 119.10 DEED

lot 5  
 HAWKINS SUBDIVISION  
 PLAT BOOK PLAT 18470

SCHEDULE B - SECTION 2  
 SPECIAL EXCEPTION

#2 COVENANTS IN LIBER 12713 FOLIO 277  
 (NOT FURNISHED)

#3 15' RW IS HAWKINS LANE  
 RW TO W.S.S.G. LIBER 3611 FOLIO 315  
 (NOT FURNISHED)

N 00° 30' 00" E  
 S 00° 06' 08" E

112.95 DEED  
 113.33' COMP  
 lot 7  
 HAWKINS SUBDIVISION  
 PLAT BOOK PLAT 19202

THIS PROPERTY IS ZONED  
 R-90 AND IS LOCATED  
 IN THE "HAWKINS LANE  
 HISTORIC DISTRICT"  
 ANY NEW DEVELOPMENT  
 WILL BE HANDLED ON A  
 CASE-BY-CASE BASES.  
 FOR P.R.L.S.  
 LOT STAKED OUT 5/19/00  
 BOOK 3049/25

NOTES:  
 Not located in a H.U.D. designated Flood Hazard Zone as per F.E.M.A. Community Panel No. 240049 0175 C  
 This survey was prepared without the benefit of a title report.  
 Information shown hereon should not be relied upon for construction of improvements.

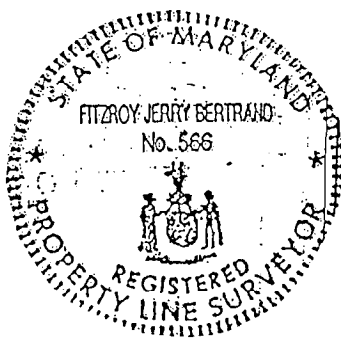
TAX MAP	GR.	PAR.	MTI DISK IN FOLDER
120	HP341	864	CLEAN DRINKING
			F.B. 3049 P. 25

**SURVEYOR'S CERTIFICATE**

I hereby certify that I have surveyed the property shown hereon for the purpose of locating the improvements only, and the improvements are located as shown. Exact property corners have not been established or set, unless otherwise noted. We assume no responsibility or liability for any right-of-ways or easements recorded or unrecorded or not appearing on the record plat / or mentioned in the title deed referred to hereon.

*Fitzroy Bertrand*  
 SEE ATTACHED  
 CERTIFICATE  
 5/10/00  
 Date

Fitzroy Jerry Bertrand  
 Reg. Property Line Surveyor #566



LOT IMPROVEMENT SURVEY  
 8815 HAWKINS LANE

THE WALTER W. HSU et.ux. PROPERTY  
 "CLEAN DRINKING"

WHEATON No. 13 ELECTION DISTRICT  
 MONTGOMERY COUNTY, MARYLAND

**LIGHT, ELLIOTT, & ASSOCIATES, INC.**  
 8508 ADELPHI ROAD  
 ADELPHI, MARYLAND 20783  
 VOICE: 301-422-6080  
 FAX: 301-422-6086



ENGINEERS • PLANNERS • SURVEYORS •  
 SOUTHERN MARYLAND  
 VOICE: 301-843-4927

DRAFTER KEC  
 CK.BY  
 SCALE:  
 1" = 20'

PLAT BOOK / PLAT  
 LIBER / FOLIO  
 16878 / 557

CASE No. CANTALUPO  
 00-1480  
 JOB No. 0-1578  
 FILE No. MH-8070

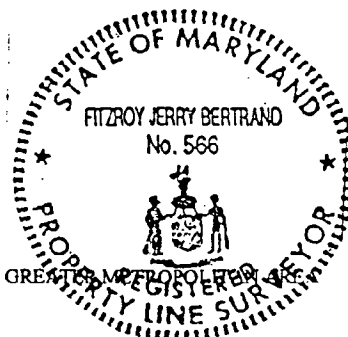
8508 ADELPHI ROAD  
ADELPHI, MARYLAND 20783  
Phone (301)422.6080  
Fax (301)422.6086  
E-MAIL LightElliott@CS.com

CERTIFICATION OF SURVEYOR

(Maryland Boundary Survey)

I, Fitzroy Jerry Bertrand, hereby certify to Henry Posner, "Purchaser", to Diversifed Government, "Lender", to Anthony C. Cantalupo, Jr. P.A., "Agent" and to Commonwealth Land Title Insurance Company, "Title Insurer", being parties interested in title to the premises surveyed (Clean Drinking) that (a) the survey prepared by me entitled, Lot Improvement Survey 8815 Hawkins Lane the Walter W. Hsu Property-Clean Drinking" was actually made upon the ground and that it and the information, courses and distances shown thereon are correct; (b) the title lines of the property and lines of actual possession are the same; (c) the location and type of buildings, structures and improvements on the Property are as shown and all are within the boundary lines of the property unless shown otherwise; (d) there are no visible uses, occupations or easements affecting the Property other than those shown and depicted thereon; (e) there are no encroachments of buildings, structures or improvements over setback lines easements or other similarly restricted areas, except as shown thereon (\*see note on drawing); (f) unless shown thereon, there are no encroachments of any buildings, structures or improvements across the boundary lines of the Property onto adjoining property, streets or alleys, nor do any buildings, structures of improvements located on adjoining property encroach upon the Property; (g) the record description of the property forms a mathematically closed figure by engineering calculations; (h) I have reviewed Title Insurance Commitment NUMBER REC-1486 dated MARCH 31, 2000, issued by Commonwealth Land Title Insurance Company, through its agent, Anthony C. Cantalupo, Jr. P.A., and have shown on the survey all locatable exceptions contained in Schedule B of that Commitment, and where an exception is not locatable, I have so stated on the survey; (i) the survey complies with the "Minimum Standards of Practice" for Boundary Surveys provided by the Board for Professional Land Surveyors of the State of Maryland in COMAR 09.13.06.03.

Date: 5/1/00  
By: Fitzroy Jerry Bertrand  
Fitzroy Jerry Bertrand  
Reg. Property Line Surveyor#566



8508 ADELPHI ROAD  
ADELPHI, MARYLAND 20783  
Phone (301)422.6080  
Fax (301)422.6086  
E-MAIL LightElliott@CS.com

Metes and Bounds Description: W. W. Hsu Property located in the Wheaton District, Montgomery County, Maryland.

Beginning for the subject property at a rod and cap set at the northwest corner of Lot 5 in Hawkins Subdivision which is as recorded in Plat Book 18470 among the Land Records of Montgomery County, Maryland and thence with the easterly R/W line of Hawkins Lane North  $02^{\circ} 20' 00''$  East, 113.06 feet to an iron pipe found and thence with the northerly line of the W. W. Hsu Property which is as described in a deed recorded in Liber 1678 at Folio 557 among the aforesaid land records South  $84^{\circ} 50' 53''$  East, 115.14 feet to a rod and cap set and thence with the westerly line of the subject property South  $00^{\circ} 06' 08''$  East, 113.33 feet to an iron pipe found and thence with the northerly line of the aforesaid Lot 5 North  $84^{\circ} 52' 53''$  West, 119.96 feet to the point of beginning and containing 13,270 square feet of land more or less.

8815

MONTGOMERY COUNTY  
DEPARTMENT OF PERMITTING SERVICES

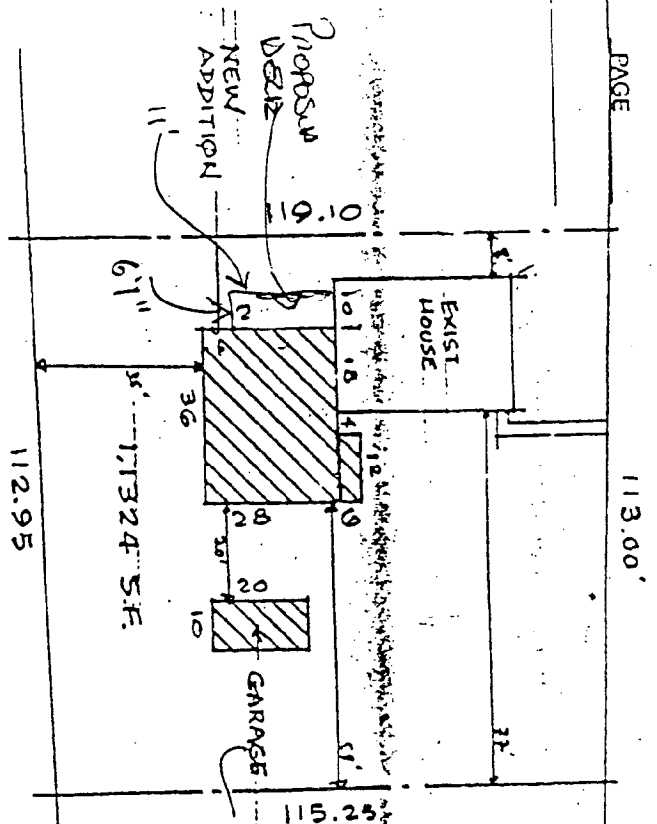
APPROVED RF DATE 5/2/60  
~~12/29/57~~

HAWKINS LANE

FILING CLASS R-90 PAGE

BOARD OF APPEALS CASE

1ST ADD



SITE PLAN  
SCALE 1"=30'-0"

COPY PROVIDED BY THE  
DEPARTMENT OF PERMITTING  
SERVICES

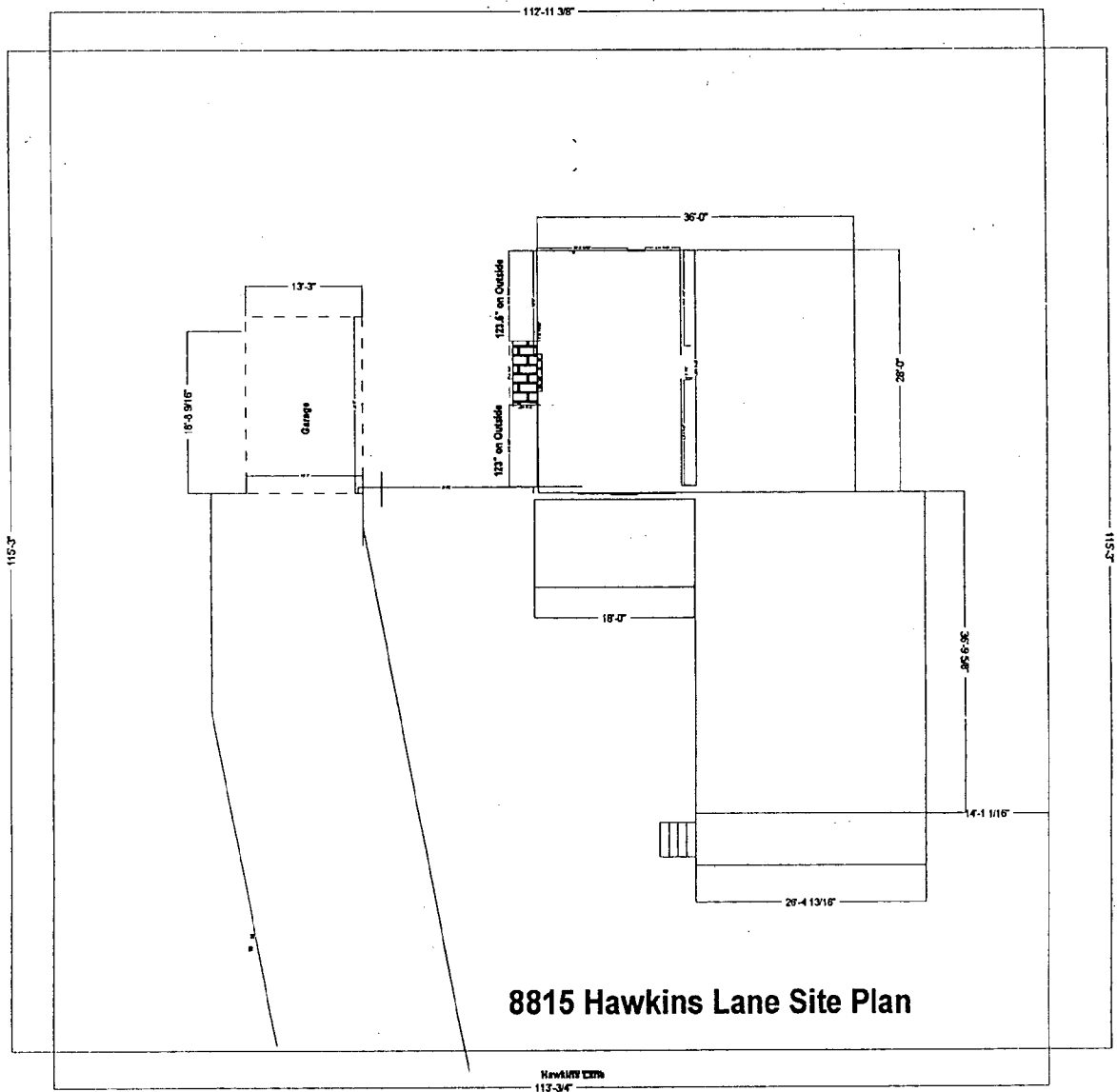
UNDER PREVIOUS  
BLDG. PERMIT

NO. OF PAGES 3

SIGNATURE

*Joe Volonich* 5-1-60

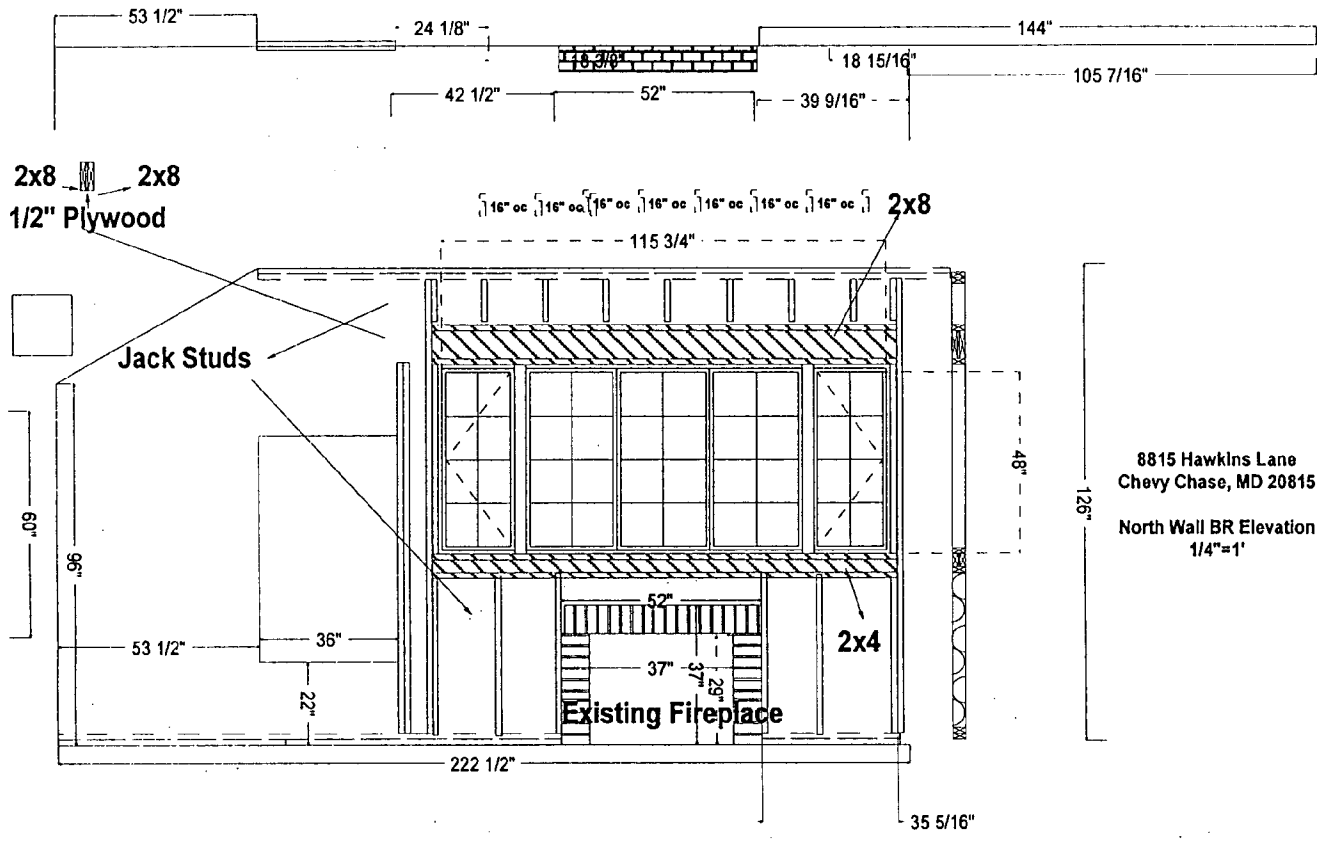
9012290210



**8815 Hawkins Lane Site Plan**

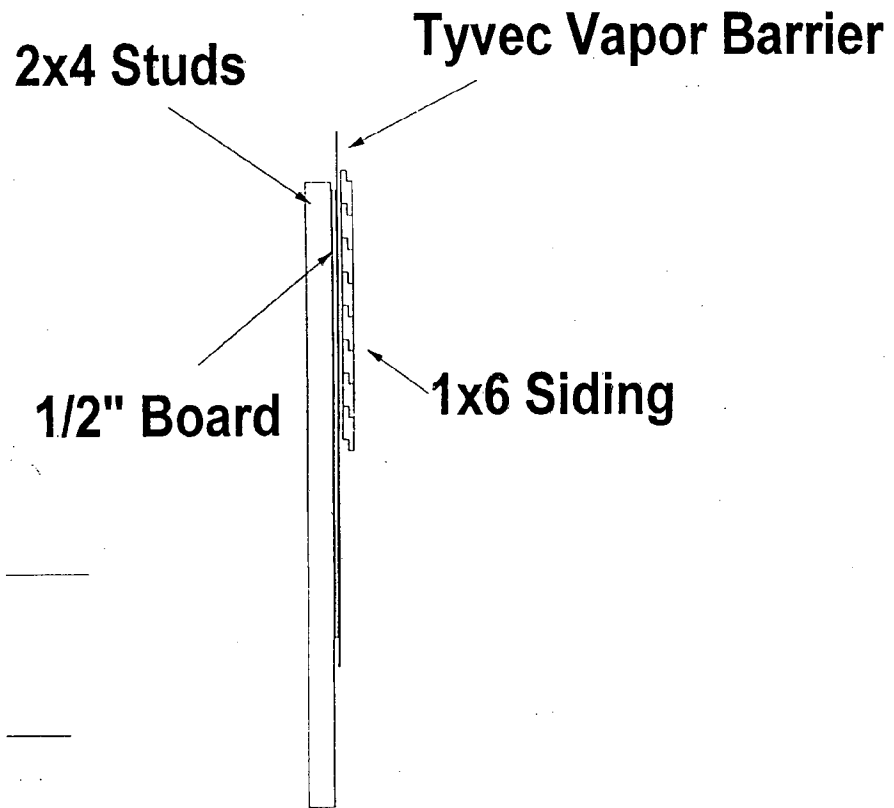


1" = 20'

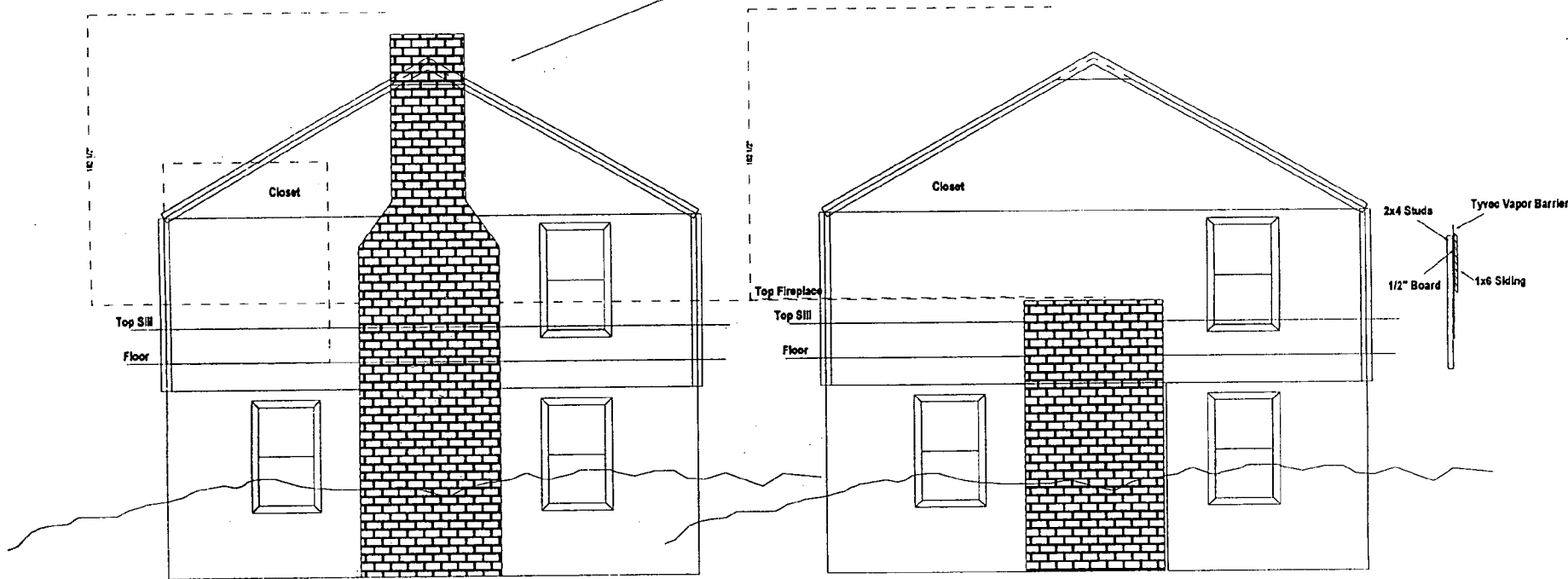


8815 Hawkins Lane  
 Chevy Chase, MD 20815  
 North Wall BR Elevation  
 1/4"=1'





Remove Top of Chimney



~~ORIGINAL~~  
CURRENT

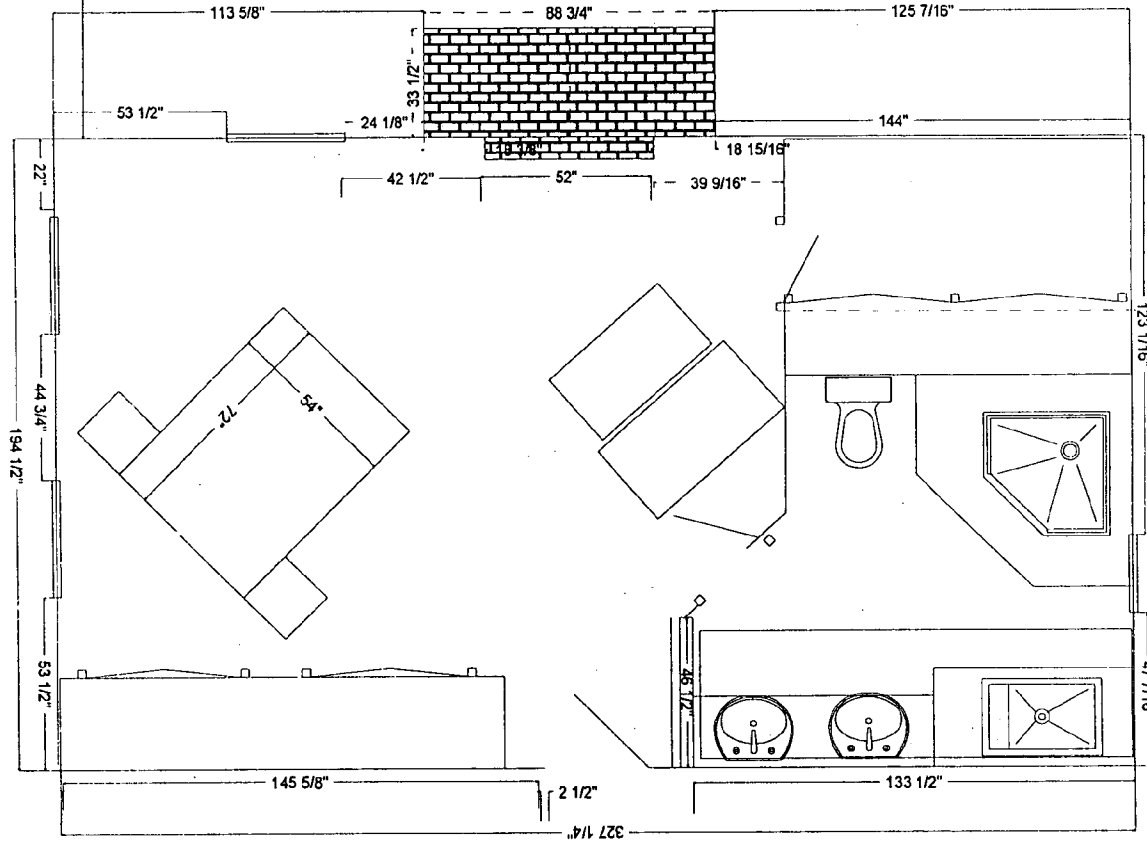
PROPOSED

1/4" = 1'

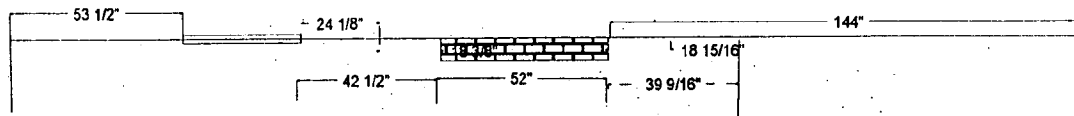
240"

123" on Outside

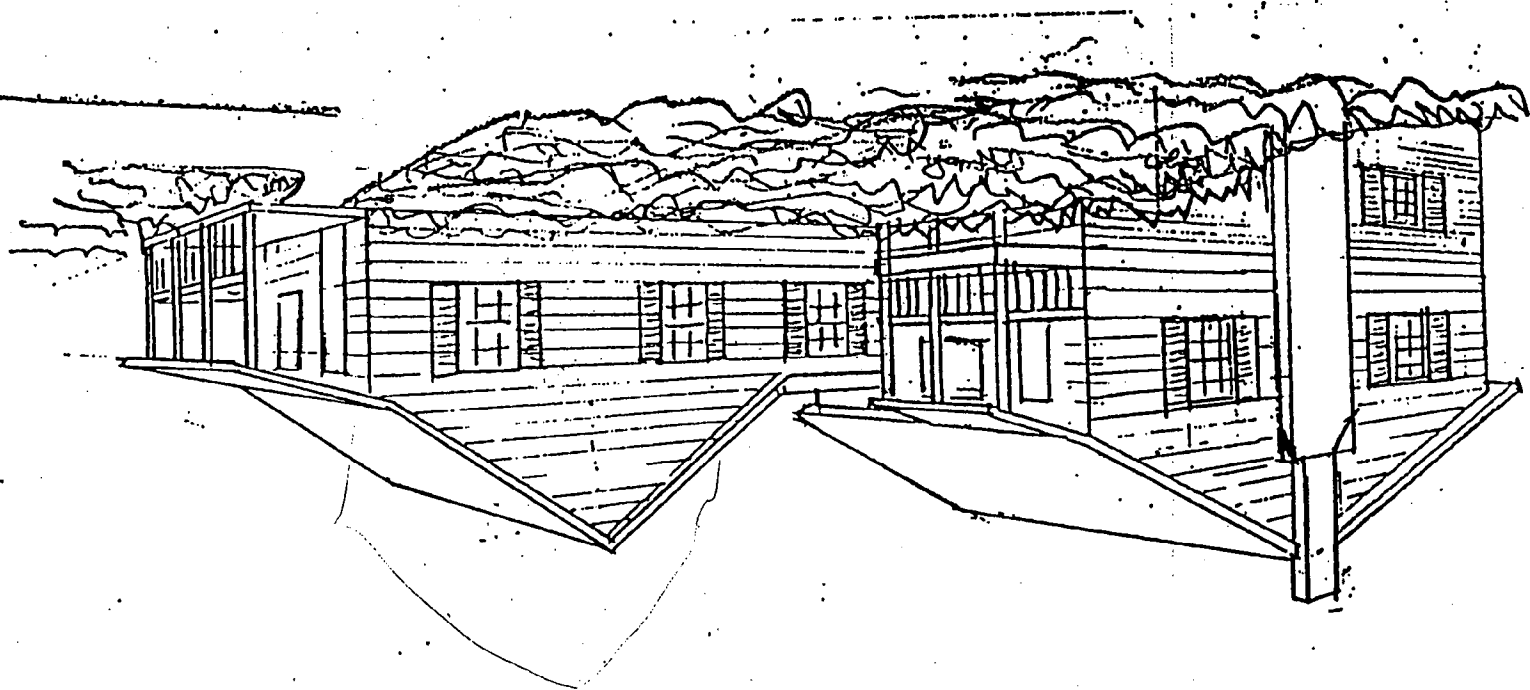
123.5" on Outside



1/4" = 1'



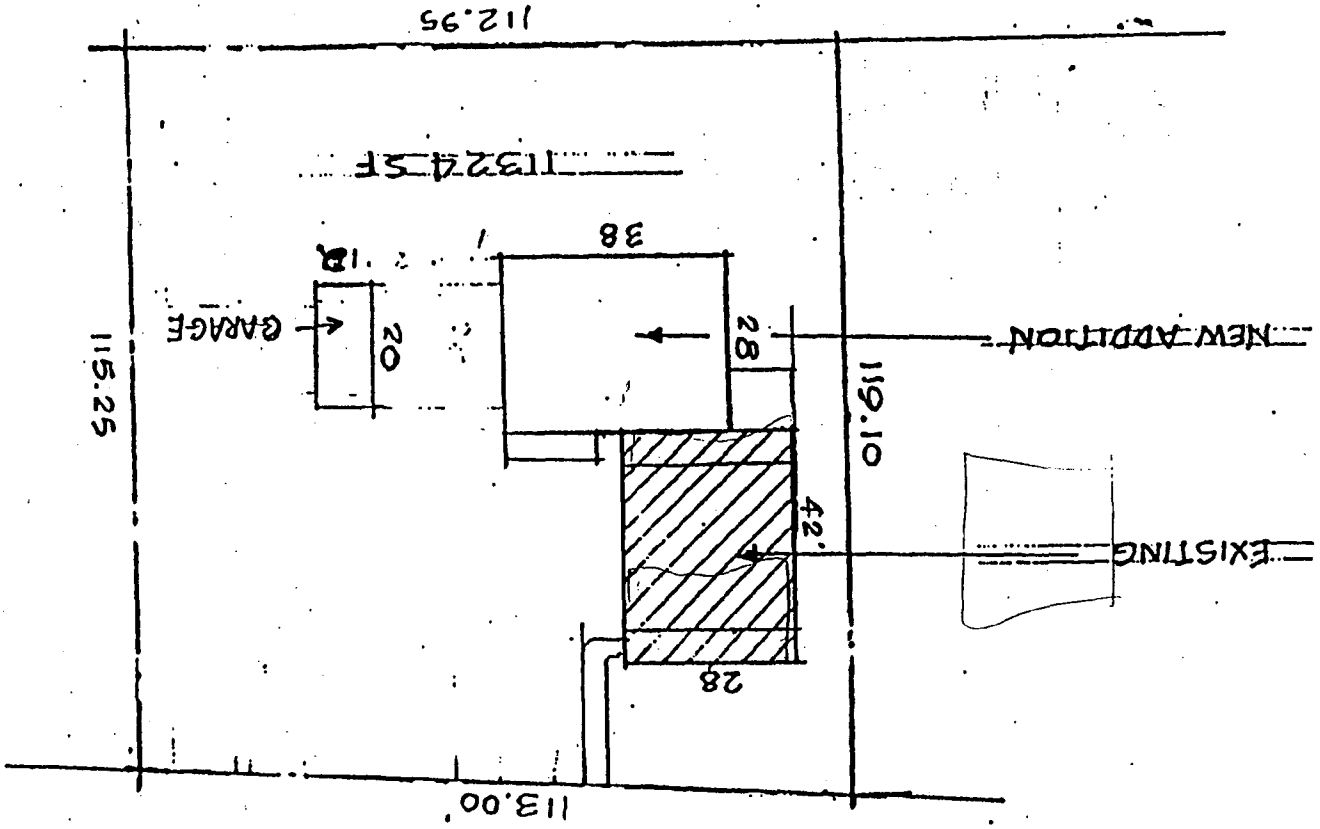
P-1



P-2

SCALE: 1"=30.0'

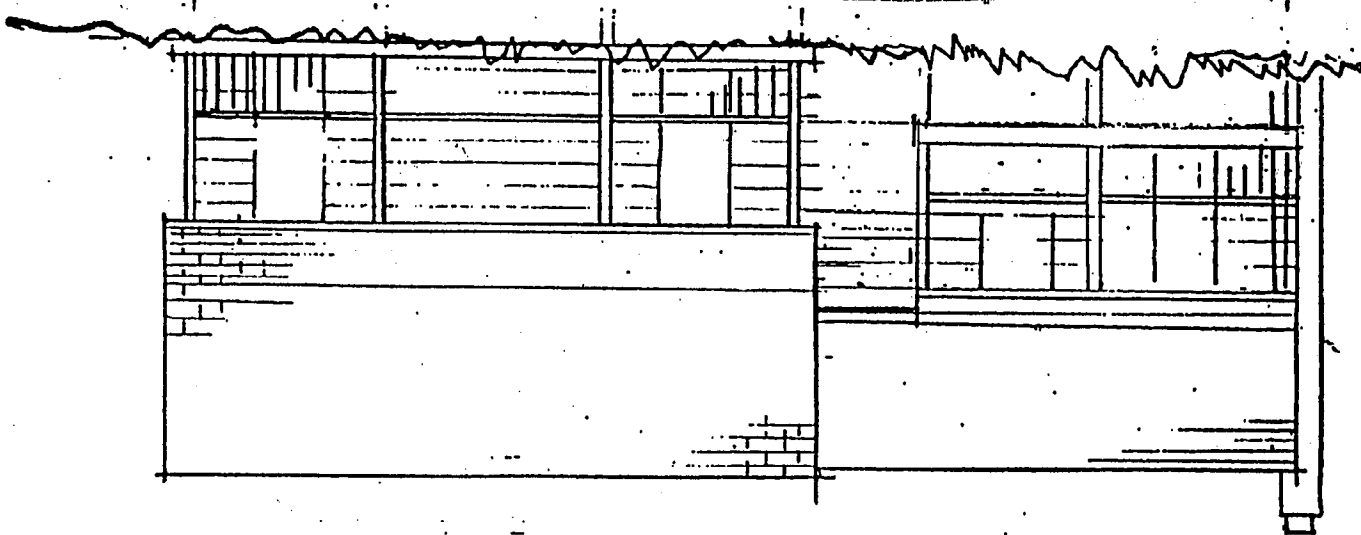
SITE PLAN



HAWKINS LANE

P-3

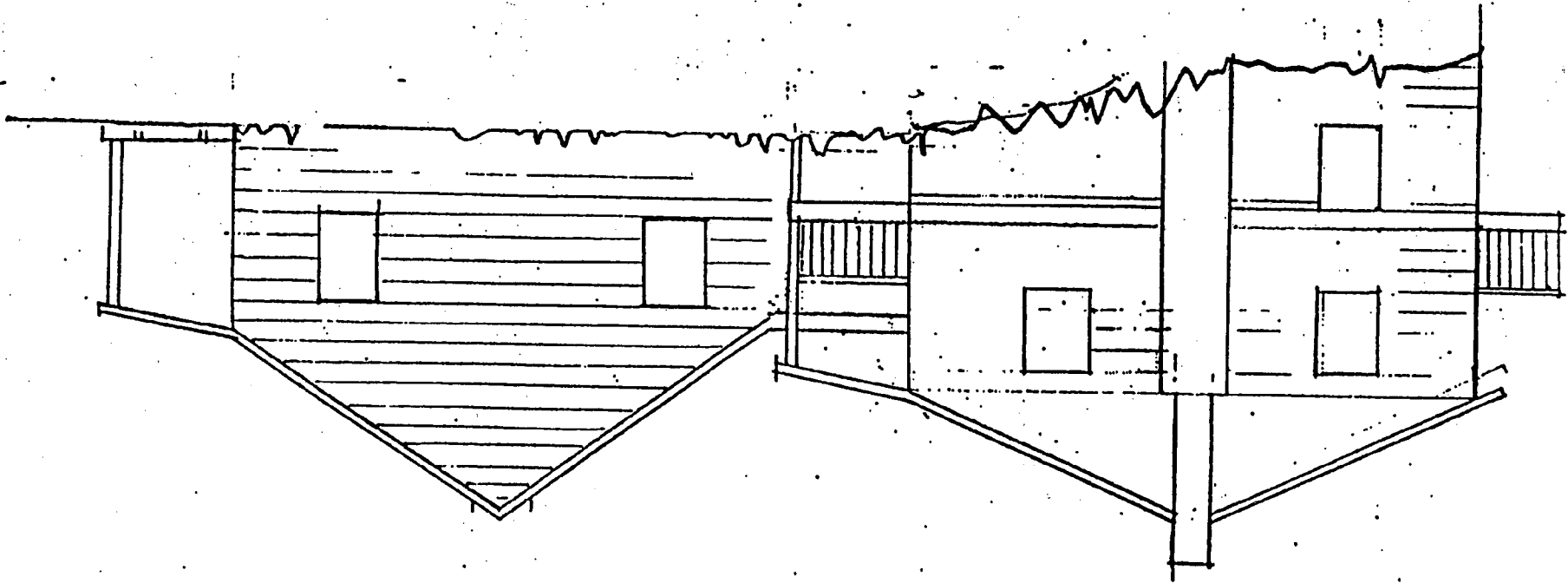
SCALE: 1/8" = 1'-0"  
FRONT ELEVATION



P-4

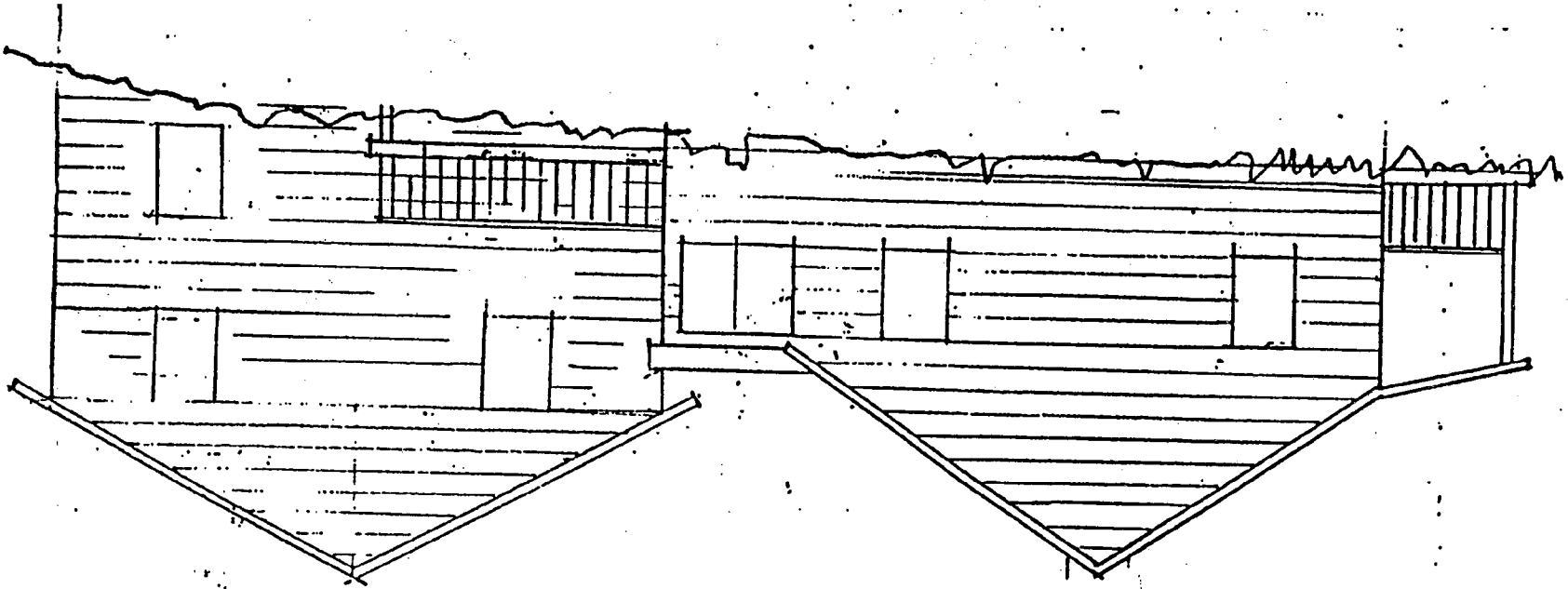
SCALE: 1/8" = 1'-0"

SIDE ELEVATION



P-5

SCALE 1/8" = 1'-0"  
SIDE ELEVATION





# #35/54 HAWKINS LANE H.D.

House & Parcel Number	Set- back (feet)
-----------------------------	------------------------

## Hawkins Lane

8806 (P892)	12
8807 (P866)	15
8810 (P891)	24
<del>vac. (P865)</del>	
8812 (P890)	30
<del>8815 (P864)</del>	<del>20</del>
8816 (P838)	15
8818 (P837)	20
<del>vac. (P811)</del>	
8822 (P784)	20
8823 (N810)	25
8825 (N809)	25
<del>vac. (P783)</del>	
8827 (N808)	25
8829 (N757)	25

8813

~~8817~~

## Jones Bridge Road

<del>4201 (P945)</del>	<del>40</del>
<del>4117 (P919)</del>	<del>25</del>
<del>vac. (P916)</del>	
<del>4113 (P863)</del>	<del>40</del>

# Hawkins Lane Historic District Boundaries

#35/54

M.N.C.P. & P.C.

4.95 Ac.

3388/604

14.35 Ac.

P539

M.N.C.P. & P.C.

3388/604 6.69

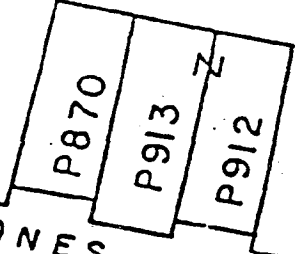
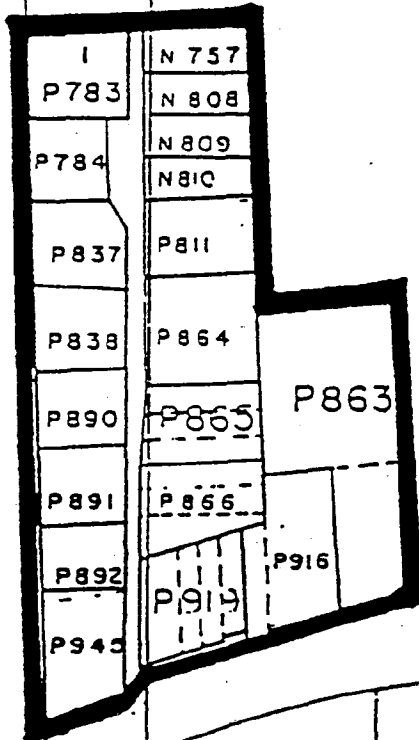
P695

M.N.C.P. & P.C.

3388/604

9.99 Ac.

P806



JONES

JONES BRIDGE

DIST.	CURRENT TO
7	7-1-90
13	7-1-90

HAWKINS LANE HISTORIC DISTRICT  
CHEVY CHASE, MD 20815

TAX MAP

Outline of District

SCALE: 1"=200'

SPECS

**CASEMENT** Weather Shield casement windows come in a wide range of sizes, multiple wide units, picture combinations, bows and angle bays so that you can easily design a custom look for everything you build. Our casements swing open a full 90° to provide extra ventilation and easy cleaning. With this much versatility, it's no

Concealed, hinged arm hinges ensure smooth operation.

Available in full lite (shown), TDL, SDL, airspace, removable wood perimeter and Fashion Grilles.

Operating casements feature goldtone sash locks. Bright brass (shown) and white finishes are optional.

Interiors: Pine, Oak, Cherry (shown), Maple, Mahogany, White Latex, Poly I and Primed.

Several energy-efficient glazing options are available, including Value R10, Weather Shield's most energy-efficient glazing system.

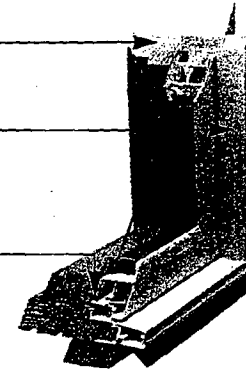
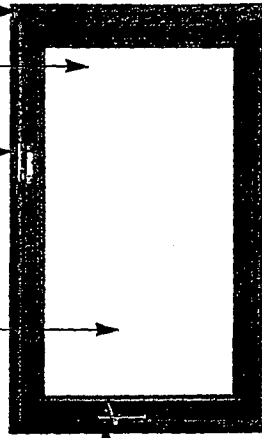
Operating casements feature goldtone roto operator case and handles. "T" handles and round handles are optional, as well as bright brass (shown) and white finishes.

Wood frame and sash members are specially treated with water-repellent preservatives.

Several exterior frame and sash finishes are available. Shown is Painter's White Vinyl TFT frame with Contempra sash.

Double weather stripping with three points of contact provides an airtight seal.

wonder they're one of our most popular windows.



casement

**THERMAL PERFORMANCE DATA**

PRODUCT LINE/GLAZING OPTION	TESTED COMPLETE UNIT <sup>A</sup>				CALCULATED CENTER OF GLASS <sup>B</sup>		SHADING CO-EFFICIENT	SOLAR HEAT GAIN CO-EFFICIENT	VISIBLE LIGHT TRANSMITTANCE	RELATIVE HEAT GAIN
	2-0 x 4-0 UNIT SIZE		2-6 x 5-0 UNIT SIZE		U-VALUE	R-VALUE				
	U-VALUE	R-VALUE	U-VALUE	R-VALUE						
PRIMED										
SINGLE GLAZED (1/8" LITES)	0.91	1.10	0.95	1.05	1.11	0.90	—	—	—	—
1" INSUL	0.49	2.04	0.49	2.04	0.50	2.00	0.93	0.80	0.83	193
1" INSUL w/ARGON GAS	0.48	2.08	0.48	2.08	0.47	2.13	0.93	0.80	0.83	193
1" INSUL LOW E	0.37	2.70	0.36	2.78	0.31	3.23	0.49	0.42	0.73	99
1" INSUL LOW E w/ARGON GAS	0.34	2.94	0.33	3.03	0.27	3.70	0.49	0.42	0.73	99
VALUE R6	0.26	3.85	0.25	4.00	0.16	6.25	0.32	0.27	0.58	66
VALUE R10	0.23	4.35	0.21	4.76	0.11	9.09	0.41	0.35	0.58	83
SINGLE GLAZED TDL (1/8" LITES)	0.88	1.14	0.91	1.10	1.11	0.90	—	—	—	—
1" INSUL TDL	0.54	1.85	0.56	1.79	0.50	2.00	0.93	0.80	0.83	193
1" INSUL TDL w/ARGON GAS	0.53	1.89	0.55	1.82	0.47	2.13	0.93	0.80	0.83	193
1" INSUL LOW E TDL	0.45	2.22	0.46	2.17	0.31	3.22	0.49	0.42	0.73	99
1" INSUL LOW E TDL w/ARGON GAS	0.42	2.38	0.44	2.27	0.27	3.70	0.49	0.42	0.73	99
ALUMA TFT										
1" INSUL	0.54	1.85	0.53	1.89	0.50	2.00	0.93	0.80	0.83	193
1" INSUL LOW E	0.42	2.38	0.40	2.50	0.32	3.12	0.49	0.42	0.73	99
1" INSUL LOW E w/ARGON GAS	0.38	2.63	0.36	2.78	0.27	3.70	0.49	0.42	0.73	99
VALUE R6	0.33	3.03	0.30	3.33	0.16	6.25	0.32	0.27	0.58	66
VALUE R10	0.27	3.70	0.24	4.17	0.10	10.00	0.41	0.35	0.58	83

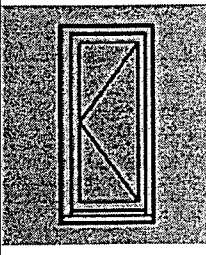
<sup>A</sup> Tested U & R Values are derived from computer simulations using the WINDOW 4.0 and FRAME 3.0 programs. Simulations are then verified by testing in accordance with NFRC 100-91.

<sup>B</sup> Calculated center point values are calculated using the WINDOW 4.0 program, WINDOWS and DAYLIGHT GROUP, Lawrence Berkeley Laboratory. All calculations based on center of glass values for insul units under standard ASHRAE winter conditions with 0° (F) outdoor and 70° (F) indoor temperatures along with a 15 MPH outside wind. Edge effects and window system frame effects have not been considered.

# Weather Shield



- Weather Shield®
- Legacy Series™
- ProShield®
- Visions 2000®
- Custom Shield®
- HR 175™



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## Casement Window Thermal Performance

### Primed Casement

Product Type	Glazing Thickness	Glass Type	Residential NFRC Size (24"X48")				Residential NF (24"X48) Center of Glass C		
			U-Value	R-Value	Solar Heat Gain Co-efficient	Visible Light Transmittance	U-Value	R-Value	Solar Heat Gain Co-efficient
Without Grilles	1"	Insul	0.49	2.04	0.55	0.56	0.50	2.00	0.76
	1"	Insul w/Argon Gas	0.48	2.08	0.55	0.56	0.47	2.13	0.76
	1"	Insul Low E <sup>2</sup>	0.37	2.70	0.31	0.50	0.31	3.23	0.41
	1"	Insul low E <sup>2</sup> w/Argon Gas	0.34	2.94	0.31	0.50	0.27	3.70	0.41
	1" Triple	Value R6	0.26	3.85	0.24	0.40	0.16	6.25	0.32
	1" Triple	Value R10	0.23	4.35	0.24	0.40	0.11	9.09	0.32
	1" TDL	Insul	0.54	1.85	0.47	0.46	0.50	2.00	0.76
	1" TDL	Insul w/Argon Gas	0.53	1.89	0.47	0.46	0.47	2.13	0.76
	1" TDL	Insul Low E <sup>2</sup>	0.45	2.22	0.27	0.41	0.31	3.23	0.41
	1" TDL	Insul Low E <sup>2</sup> w/Argon Gas	0.42	2.38	0.27	0.41	0.27	3.70	0.41

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### Contempra Vinyl Casement

Product Type	Glazing Thickness	Glass Type	Residential NFRC Size (24"X48")				Residential NF (24"X48) Center of Glass C			
			U-Value	R-Value	Solar Heat Gain Co-efficient	Visible Light Transmittance	U-Value	R-Value	Solar Heat Gain Co-efficient	
Without Grilles	1"	Insul	0.48	2.08	0.56	0.58	0.50	2.00	0.77	
	1"	Insul w/Argon Gas	0.46	2.17	0.56	0.58	0.47	2.13	0.77	
	1"	Insul Low E <sup>2</sup>	0.35	2.86	0.27	0.50	0.31	3.23	0.36	
	1"	Insul Low E <sup>2</sup> w/Argon Gas	0.32	3.13	0.27	0.50	0.26	3.85	0.36	
	1" Triple	Value R6	0.26	3.85	0.22	0.38	0.19	5.26	0.28	
	1" Triple	Value R10	0.22	4.55	0.22	0.38	0.12	8.33	0.28	
	1"	Insul w/Argon Gas	0.46	2.17	0.52	0.53	0.47	2.13	0.77	
	With Grilles	1"	Insul	0.35	2.86	0.25	0.45	0.31	3.23	0.36

In Airspace <sup>3</sup>	Low E <sup>2</sup> Insul Low E <sup>2</sup> w/Argon Gas	0.32	3.13	0.25	0.45	0.26	3.85	0.36
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Contempra Aluminum Casement

Product Type	Glazing Options Glazing Thickness	Glass Type	Residential NFRC Size (24"X48") Total Unit Calculations <sup>1</sup>				Residential NF (24"X48) Center of Glass C		
			U-Value	R-Value	Solar Heat Gain Co-efficient	Visible Light Transmittance	U-Value	R-Value	Solar Heat Gain Co-efficient
	1"	Insul	0.56	1.79	0.57	0.57	0.50	2.00	0.76
	1"	Insul w/Argon Gas	0.54	1.85	0.57	0.57	0.47	2.13	0.76
	1"	Insul Low E <sup>2</sup>	0.43	2.33	0.29	0.49	0.31	3.23	0.36
	1"	Insul Low E <sup>2</sup> w/Argon Gas	0.40	2.50	0.29	0.49	0.26	3.85	0.36
	1" TDL	Insul	0.64	1.56	0.57	0.57	0.49	2.04	0.76
	1" TDL	Insul w/Argon Gas	0.62	1.61	0.57	0.57	0.47	2.13	0.76
	1" TDL	Insul Low E <sup>2</sup>	0.54	1.85	0.29	0.49	0.31	3.23	0.36
Without Grilles	1" TDL	Insul Low E <sup>2</sup> w/Argon Gas	0.52	1.92	0.29	0.49	0.26	3.85	0.36
	1" Triple	Value R6	0.33	3.03	0.23	0.38	0.16	6.25	0.28
	1" Triple	Value R10	0.30	3.33	0.23	0.38	0.11	9.09	0.28
	1/8" TDL	Single Glaze	1.08	0.93	0.64	0.64	1.11	0.90	0.86
	1/8"	Single Glaze	1.02	0.98	0.64	0.64	1.11	0.90	0.86
	13/16" SDL	Insul	0.57	1.75	0.57	0.57	0.49	2.04	0.76
	13/16" SDL	Insul w/Argon Gas	0.56	1.79	0.57	0.57	0.47	2.13	0.76
	13/16" SDL	Insul Low E <sup>2</sup>	0.45	2.22	0.29	0.49	0.30	3.33	0.36
	13/16" SDL	Insul Low E <sup>2</sup> w/Argon Gas	0.42	2.38	0.29	0.49	0.25	4.00	0.36

<sup>1</sup> - Total Unit Calculations U & R Values are derived from computer simulations using the FRAME 4.0 programs. Simulations are then verified by testing in accordance with NFRC 10

<sup>2</sup> - Center of Glass Calculations U & R Values are calculated using the currently approved Windows and Daylight Group, Lawrence Berkeley Laboratory. All calculations based on center insul units under standard ASHRAE winter conditions with 0 degree (F) outdoor and 70 degree temperatures along with a 15 mph outside wind. Edge effects and window system frame effect considered.

<sup>3</sup> - Grille in airspace includes Weather Shield units ordered with Simulated Divided Lite with

<sup>4</sup> - ENERGY STAR performance criteria is based on Residential NFRC sizes:

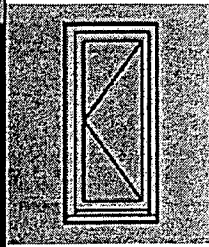
Climate	U-Value	SHGC
N = Northern	0.35 and below	any
C = Central	0.40 and below	0.55 and below
S = Southern	0.75 and below	0.40 and below

<sup>5</sup> – The effectiveness of an inert gas will be eliminated in window and door products ordered with capillary tubes. Uvalues for units manufactured with an inert gas will be simulated with

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- Visions 2000®
- Custom Shield®
- HR 175™



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- [French Sliding](#)
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- [Mark-Haven](#)
- [Oxford Manor](#)
- [Picture Sliding Patio](#)
- [Sliding Patio](#)

Unit	RO 1 Wide	RO 2 Wide	RO 3 Wide	RO 4 Wide
12 x 20	1-5 x 2-1 3/8	2-9 x 2-1 3/8	4-1 x 2-1 3/8	5-5 x 2-1 3/8
12 x 24	1-5 x 2-5 3/8	2-9 x 2-5 3/8	4-1 x 2-5 3/8	5-5 x 2-5 3/8
12 x 28	1-5 x 2-9 3/8	2-9 x 2-9 3/8	4-1 x 2-9 3/8	5-5 x 2-9 3/8
12 x 32	1-5 x 3-1 3/8	2-9 x 3-1 3/8	4-1 x 3-1 3/8	5-5 x 3-1 3/8
12 x 36	1-5 x 3-5 3/8	2-9 x 3-5 3/8	4-1 x 3-5 3/8	5-5 x 3-5 3/8
12 x 40	1-5 x 3-9 3/8	2-9 x 3-9 3/8	4-1 x 3-9 3/8	5-5 x 3-9 3/8
12 x 44	1-5 x 4-1 3/8	2-9 x 4-1 3/8	4-1 x 4-1 3/8	5-5 x 4-1 3/8
12 x 50	1-5 x 4-7 3/8	2-9 x 4-7 3/8	4-1 x 4-7 3/8	5-5 x 4-7 3/8
12 x 54	1-5 x 4-11 3/8	2-9 x 4-11 3/8	4-1 x 4-11 3/8	5-5 x 4-11 3/8
12 x 58	1-5 x 5-3 3/8	2-9 x 5-3 3/8	4-1 x 5-3 3/8	5-5 x 5-3 3/8
12 x 68	1-5 x 6-1 3/8	2-9 x 6-1 3/8	4-1 x 6-1 3/8	5-5 x 6-1 3/8
16 x 20	1-9 x 2-1 3/8	3-5 x 2-1 3/8	5-1 x 2-1 3/8	6-9 x 2-1 3/8
16 x 24	1-9 x 2-5 3/8	3-5 x 2-5 3/8	5-1 x 2-5 3/8	6-9 x 2-5 3/8
16 x 28	1-9 x 2-9 3/8	3-5 x 2-9 3/8	5-1 x 2-9 3/8	6-9 x 2-9 3/8
16 x 32	1-9 x 3-1 3/8	3-5 x 3-1 3/8	5-1 x 3-1 3/8	6-9 x 3-1 3/8
16 x 36	1-9 x 3-5 3/8	3-5 x 3-5 3/8	5-1 x 3-5 3/8	6-9 x 3-5 3/8
16 x 40	1-9 x 3-9 3/8	3-5 x 3-9 3/8	5-1 x 3-9 3/8	6-9 x 3-9 3/8
16 x 44	1-9 x 4-1 3/8	3-5 x 4-1 3/8	5-1 x 4-1 3/8	6-9 x 4-1 3/8
16 x 50	1-9 x 4-7 3/8	3-5 x 4-7 3/8	5-1 x 4-7 3/8	6-9 x 4-7 3/8
16 x 54	1-9 x 4-11 3/8	3-5 x 4-11 3/8	5-1 x 4-11 3/8	6-9 x 4-11 3/8
16 x 58	1-9 x 5-3 3/8	3-5 x 5-3 3/8	5-1 x 5-3 3/8	6-9 x 5-3 3/8
16 x 68	1-9 x 6-1 3/8	3-5 x 6-1 3/8	5-1 x 6-1 3/8	6-9 x 6-1 3/8
20 x 20	2-1 x 2-1 3/8	4-1 x 2-1 3/8	6-1 x 2-1 3/8	8-1 x 2-1 3/8
20 x 24	2-1 x 2-5 3/8	4-1 x 2-5 3/8	6-1 x 2-5 3/8	8-1 x 2-5 3/8
20 x 28	2-1 x 2-9 3/8	4-1 x 2-9 3/8	6-1 x 2-9 3/8	8-1 x 2-9 3/8
20 x 32	2-1 x 3-1 3/8	4-1 x 3-1 3/8	6-1 x 3-1 3/8	8-1 x 3-1 3/8
20 x 36	2-1 x 3-5 3/8	4-1 x 3-5 3/8	6-1 x 3-5 3/8	8-1 x 3-5 3/8
20 x 40	2-1 x 3-9 3/8	4-1 x 3-9 3/8	6-1 x 3-9 3/8	8-1 x 3-9 3/8
20 x 44	2-1 x 4-1 3/8	4-1 x 4-1 3/8	6-1 x 4-1 3/8	8-1 x 4-1 3/8
20 x 50	2-1 x 4-7 3/8	4-1 x 4-7 3/8	6-1 x 4-7 3/8	8-1 x 4-7 3/8
20 x 54	2-1 x 4-11 3/8	4-1 x 4-11 3/8	6-1 x 4-11 3/8	8-1 x 4-11 3/8
20 x 58	2-1 x 5-3 3/8	4-1 x 5-3 3/8	6-1 x 5-3 3/8	8-1 x 5-3 3/8
20 x 68	2-1 x 6-1 3/8	4-1 x 6-1 3/8	6-1 x 6-1 3/8	8-1 x 6-1 3/8
24 x 20	2-5 x 2-1 3/8	4-9 x 2-1 3/8	7-1 x 2-1 3/8	9-5 x 2-1 3/8
24 x 24	2-5 x 2-5 3/8	4-9 x 2-5 3/8	7-1 x 2-5 3/8	9-5 x 2-5 3/8
24 x 28	2-5 x 2-9 3/8	4-9 x 2-9 3/8	7-1 x 2-9 3/8	9-5 x 2-9 3/8
24 x 32	2-5 x 3-1 3/8	4-9 x 3-1 3/8	7-1 x 3-1 3/8	9-5 x 3-1 3/8
24 x 36 **	2-5 x 3-5 3/8	4-9 x 3-5 3/8	7-1 x 3-5 3/8	9-5 x 3-5 3/8
24 x 40 *	2-5 x 3-9 3/8	4-9 x 3-9 3/8	7-1 x 3-9 3/8	9-5 x 3-9 3/8
24 x 44 *	2-5 x 4-1 3/8	4-9 x 4-1 3/8	7-1 x 4-1 3/8	9-5 x 4-1 3/8
24 x 50 *	2-5 x 4-7 3/8	4-9 x 4-7 3/8	7-1 x 4-7 3/8	9-5 x 4-7 3/8
24 x 54 *	2-5 x 4-11 3/8	4-9 x 4-11 3/8	7-1 x 4-11 3/8	9-5 x 4-11 3/8
24 x 58 *	2-5 x 5-3 3/8	4-9 x 5-3 3/8	7-1 x 5-3 3/8	9-5 x 5-3 3/8
24 x 68 *	2-5 x 6-1 3/8	4-9 x 6-1 3/8	7-1 x 6-1 3/8	9-5 x 6-1 3/8
28 x 20	2-9 x 2-1 3/8	5-5 x 2-1 3/8	8-1 x 2-1 3/8	10-9 x 2-1 3/8
28 x 24	2-9 x 2-5 3/8	5-5 x 2-5 3/8	8-1 x 2-5 3/8	10-9 x 2-5 3/8
28 x 28	2-9 x 2-9 3/8	5-5 x 2-9 3/8	8-1 x 2-9 3/8	10-9 x 2-9 3/8
28 x 32 **	2-9 x 3-1 3/8	5-5 x 3-1 3/8	8-1 x 3-1 3/8	10-9 x 3-1 3/8
28 x 36 *	2-9 x 3-5 3/8	5-5 x 3-5 3/8	8-1 x 3-5 3/8	10-9 x 3-5 3/8



28 x 40 *	2-9 x 3-9 3/8	5-5 x 3-9 3/8	8-1 x 3-9 3/8	10-9 x 3-9 3/8
28 x 44 *	2-9 x 4-1 3/8	5-5 x 4-1 3/8	8-1 x 4-1 3/8	10-9 x 4-1 3/8
28 x 50 *	2-9 x 4-7 3/8	5-5 x 4-7 3/8	8-1 x 4-7 3/8	10-9 x 4-7 3/8
28 x 54 *	2-9 x 4-11 3/8	5-5 x 4-11 3/8	8-1 x 4-11 3/8	10-9 x 4-11 3/8
28 x 58 *	2-9 x 5-3 3/8	5-5 x 5-3 3/8	8-1 x 5-3 3/8	10-9 x 5-3 3/8
28 x 68 *	2-9 x 6-1 3/8	5-5 x 6-1 3/8	8-1 x 6-1 3/8	10-9 x 6-1 3/8
32 x 28	3-1 x 2-9 3/8	6-1 x 2-9 3/8	9-1 x 2-9 3/8	-
32 x 32	3-1 x 3-1 3/8	6-1 x 3-1 3/8	9-1 x 3-1 3/8	-
32 x 36 *	3-1 x 3-5 3/8	6-1 x 3-5 3/8	9-1 x 3-5 3/8	-
32 x 40 *	3-1 x 3-9 3/8	6-1 x 3-9 3/8	9-1 x 3-9 3/8	-
32 x 44 *	3-1 x 4-1 3/8	6-1 x 4-1 3/8	9-1 x 4-1 3/8	-
32 x 50 *	3-1 x 4-7 3/8	6-1 x 4-7 3/8	9-1 x 4-7 3/8	-
32 x 54 *	3-1 x 4-11 3/8	6-1 x 4-11 3/8	9-1 x 4-11 3/8	-
32 x 58 *	3-1 x 5-3 3/8	6-1 x 5-3 3/8	9-1 x 5-3 3/8	-
32 x 68 *	3-1 x 6-1 3/8	6-1 x 6-1 3/8	9-1 x 6-1 3/8	-

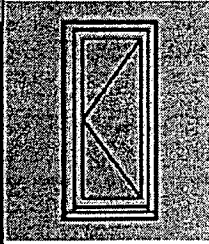
TFT Unit Size = Rough Opening less 1" in width and 1/2" in height.  
 Brick Mould Unit Size = Rough Opening plus 2" in width and 1-5/8" in height.  
 Jamb to Jamb Size = Rough Opening less 1" in width and 1-1/4" in height.  
 Masonry Opening = Add 1/2" to unit size width and 1/2" to unit size height.  
 Always specify hinge code location: L(Left), R(Right), S(Stationary) AS VIEWED FROM TH

\* - These sizes meet or exceed egress opening requirements per 1993 BOCA (Building Officials and Code Administrators) National Building Code and 1994 UBC (Uniform Building Code) minimum clear opening width, 24" clear opening height and 7 sq. ft. clear opening. Verify local or state egress requirements with your local building inspector.

\*\* - These sizes, with egress hinges, will meet egress opening requirements per 1993 BOCA (Building Officials and Code Administrators) National Building Code and 1994 UBC (Uniform Building Code) minimum clear opening width, 20" clear opening height and 5.7 sq. ft. clear opening. Verify local or state egress requirements with your local building inspector.



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**Casement Construction**

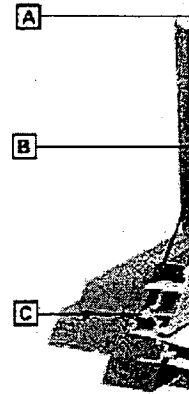
Our casements are built to swing open wide for easy cleaning. Concealed, hinged arm hing smooth operation.

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- [Casement](#)
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- [French Casement](#)
- [Scena-Vu](#)
- [Slide/By](#)
- [Specialty](#)
- [Tilt](#)
- [Tilt Sash](#)
- [Replacement](#)

- A. Wood frame and sash members are specially treated with water-repellent preservatives.
- B. Choose from aluminum-clad, vinyl-clad or all-wood exteriors.
- C. Double weatherstripping with three points of contact creates an airtight seal.



**Doors:**

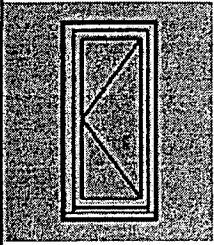
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# Weather Shield



- Weather Shield®
- Legacy Series™
- ProShield®
- Visions 2000®
- Custom Shield®
- HR 175™



[Construction](#) [Options](#) [Sizes](#) [Performance](#) [Warranty](#)

## Casement Options

The standard casement window features a goldtone operator case handle and sash locks. pointer over the photo to view the many options for this window.

Exteriors: Choose from virtually maintenance-free aluminum-clad, vinyl-clad or all-wood ext

Exterior Casings: For an elegant exterior finish, select from Brick Mould, Stucco Mould, Was Brick Mould exterior casings.

Exterior Finishes: Standard Flexicolors include Painter's White, Desert Tan, Western Adobe. Additional options include Sunbeam Yellow, Obsidian, Boysenberry, Mist Grey and Cameo. you to develop custom colors to perfectly match exterior details.

Custom Wood Interiors Collection™: Wood interiors provide an opportunity to add a custom. Choose from Pine, Oak, Cherry, Maple, Mahogany, American Fir, Knotty Pine, Poly I and Pr

Grilles: Available with true divided lite, simulated divided lite, airspace grilles, removable wo a variety of custom grilles.

Glazing Options: Several glazing options are available, including Valu®10; Weather Shield efficient glazing option. Choose from specialty glazings like tinted, spandrel, rain, evergreen tempered, to name just a few.

Interior Finishes: Create the perfect interior color using our Primed finish as a base, or choo Painter's White, Desert Tan, Western Adobe or Hartford Green Poly I finishes.

Interior Trim: Choose from nine different styles of interior trim, and add rosettes for the perf

Hardware: Goldtone operator case and handle are standard. Bright brass and white finishes round handles and "T" handles.

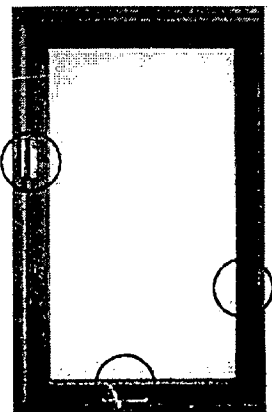
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MENT PICTURE CENTER ELEVATIONS

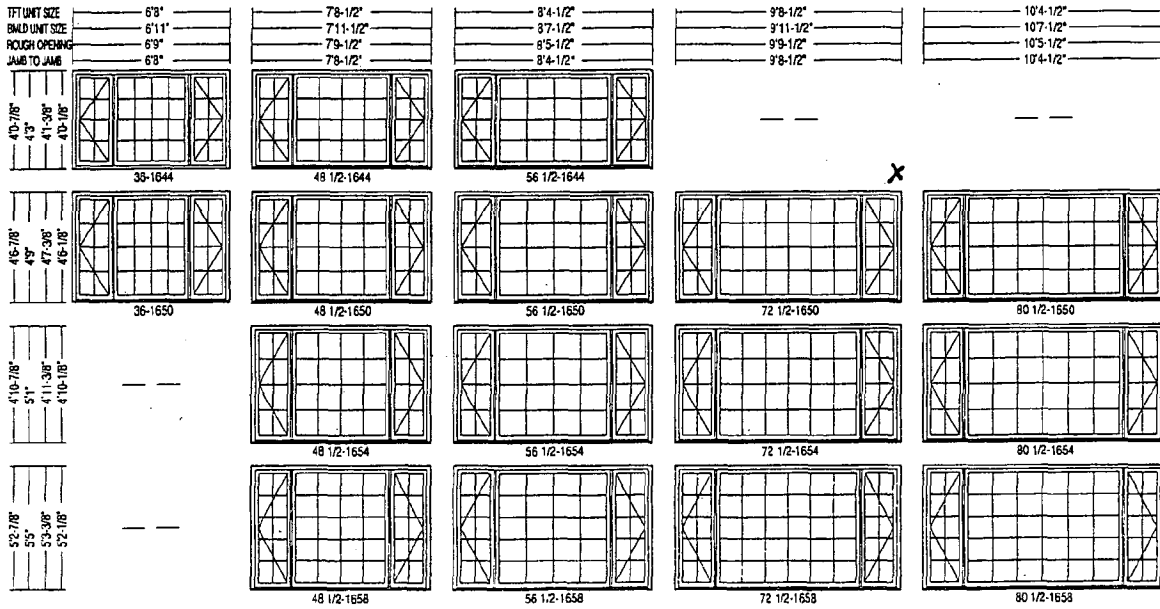
SCALE: 1/8" = 1'0"



UNITS SHOW RECTANGULAR GRILLE DIVISIONS. FOR DIAMOND GRILLE AND TRUE DIVIDED LITE DIVISIONS, REFER TO PAGE 78.

CASEMENT PICTURE COMBINATION ELEVATIONS

SCALE: 1/8" = 1'0"



UNITS SHOW RECTANGULAR GRILLE DIVISIONS. FOR DIAMOND GRILLE AND TRUE DIVIDED LITE DIVISIONS, REFER TO PAGE 78.  
ALWAYS SPECIFY HINGE CODE LOCATION: L (LEFT), R (RIGHT), S (STATIONARY) AS VIEWED FROM THE OUTSIDE.

PHOTOS

Henry Posner

8815 Hawkins Lane  
Chevy Chase, MD 20815

Clean Drinking Subdivison



6.9

wood width  
3.9  
6.9 a year

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hp@kramers.com

(301) 654-9261 Home

(202) 232-6777 Café Fax  
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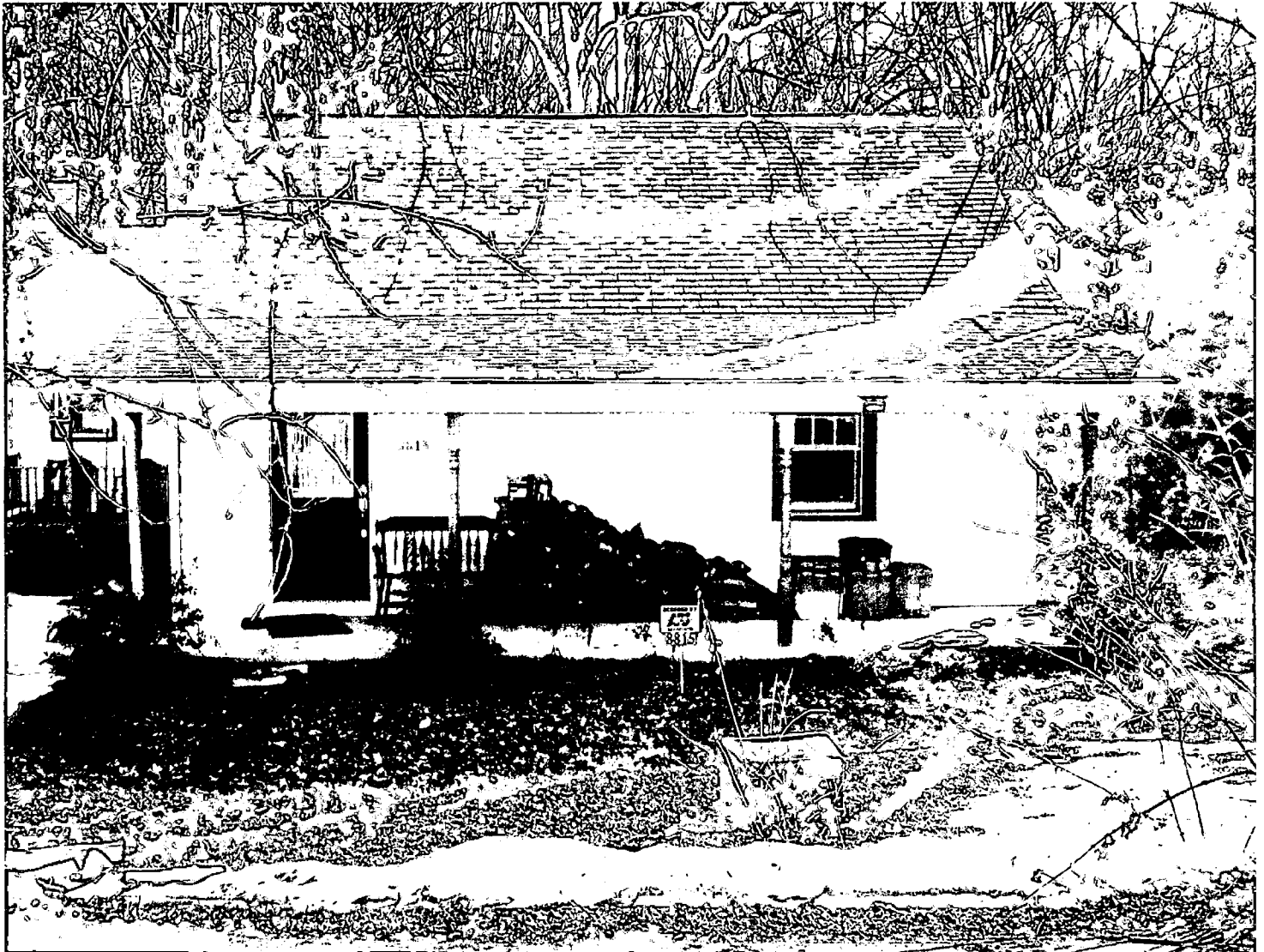
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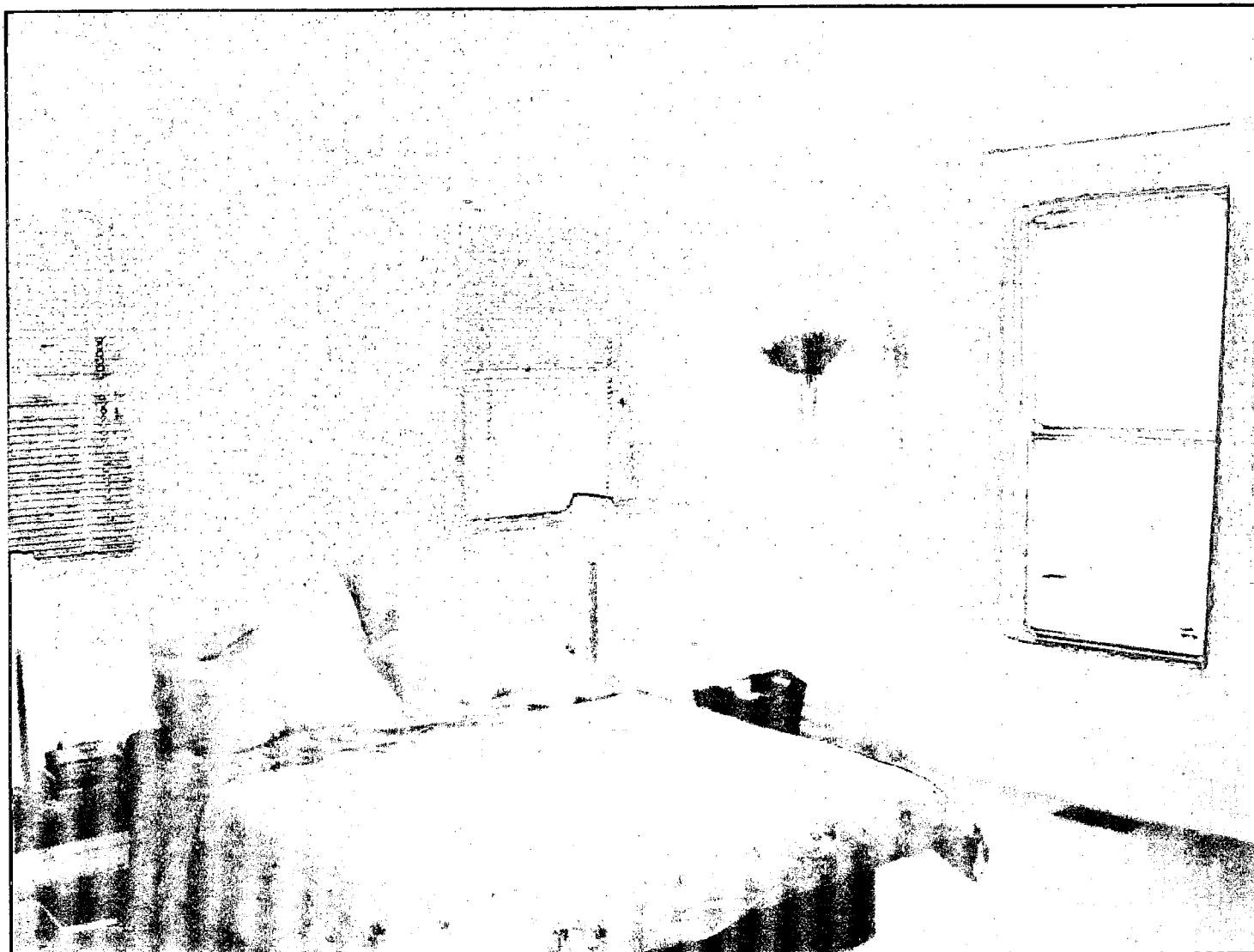
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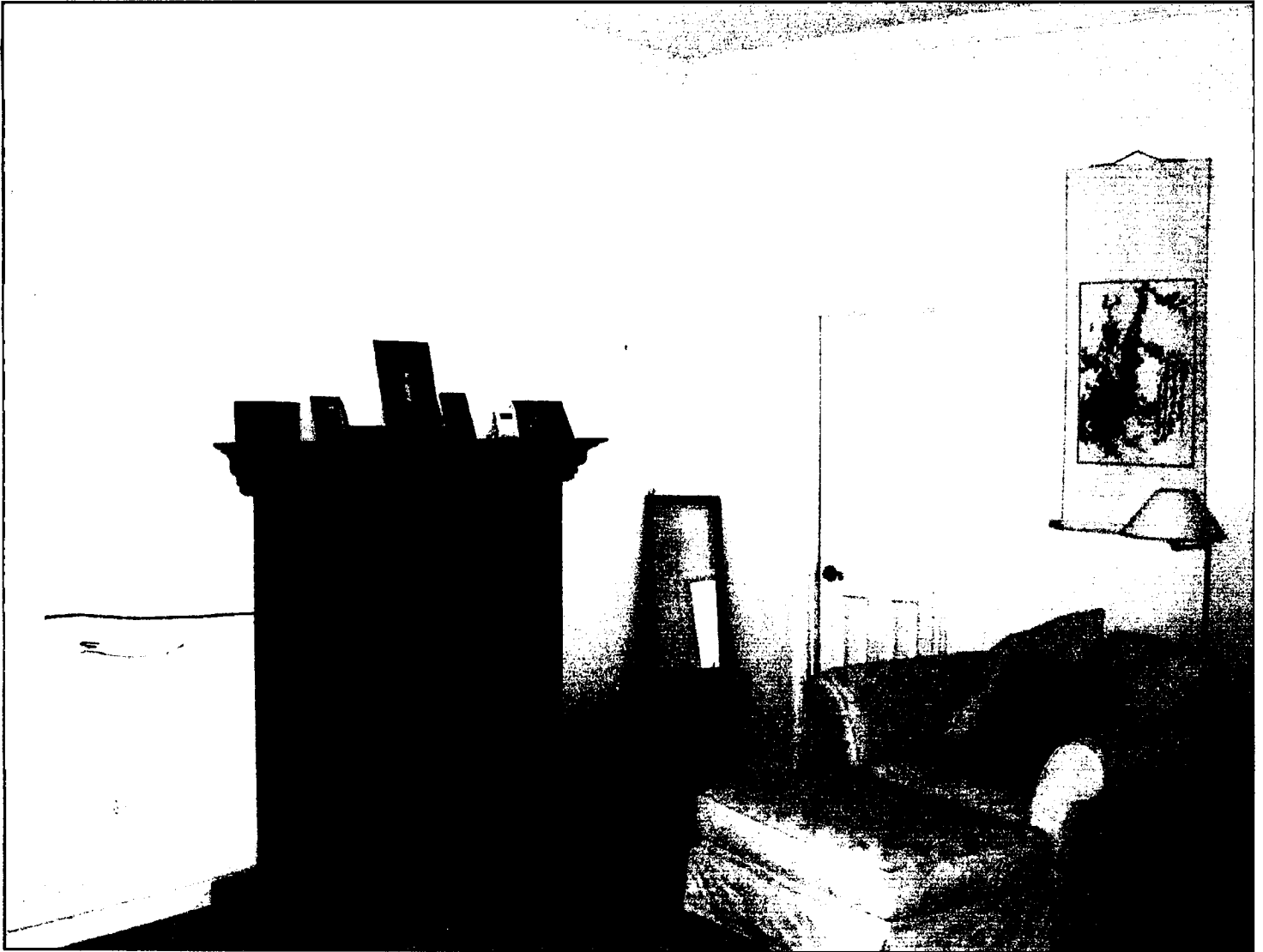
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