Takoma Rock Historic District

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#### HISTORIC PRESERVATION COMMISSION

Isiah Leggett County Executive

David Rotenstein Chairperson

Date: 2/9/10

#### **MEMORANDUM**

TO:

Carla Reid, Director

Department of Permitting Services

FROM:

Joshua Silver

Senior Planne

Historic Preservation Section-Planning Department

Maryland-National Capital Park & Planning Commission

SUBJECT:

Historic Area Work Permit #523373—fencing installation and basement window replacement

The Montgomery County Historic Preservation Commission (HPC) has reviewed the attached application for a Historic Area Work Permit (HAWP) and this application was <u>approved</u> by the HPC with one condition. The condition of approval is:

1. The proposed fence located on the north side of the house will be set back 10' from the front of the porch.

THE BUILDING PERMIT FOR THIS PROJECT SHALL BE ISSUED CONDITIONAL UPON ADHERENCE TO THE ABOVE APPROVED HAWP CONDITIONS AND MAY REQUIRE APPROVAL BY DPS OR ANOTHER LOCAL OFFICE BEFORE WORK CAN BEGIN.

Applicant:

David Simonetti

Address:

7502 Carroll Avenue, Takoma Fark

This HAWP approval is subject to the general condition that the applicant will obtain all other applicable Montgomery County or local government agency permits. After the issuance of these permits, the applicant must contact this Historic Preservation Office if any changes to the approved plan are made. Once the work is completed the applicant will contact the staff person assigned to this application at 301-563-3400 to schedule a follow-up site visit.



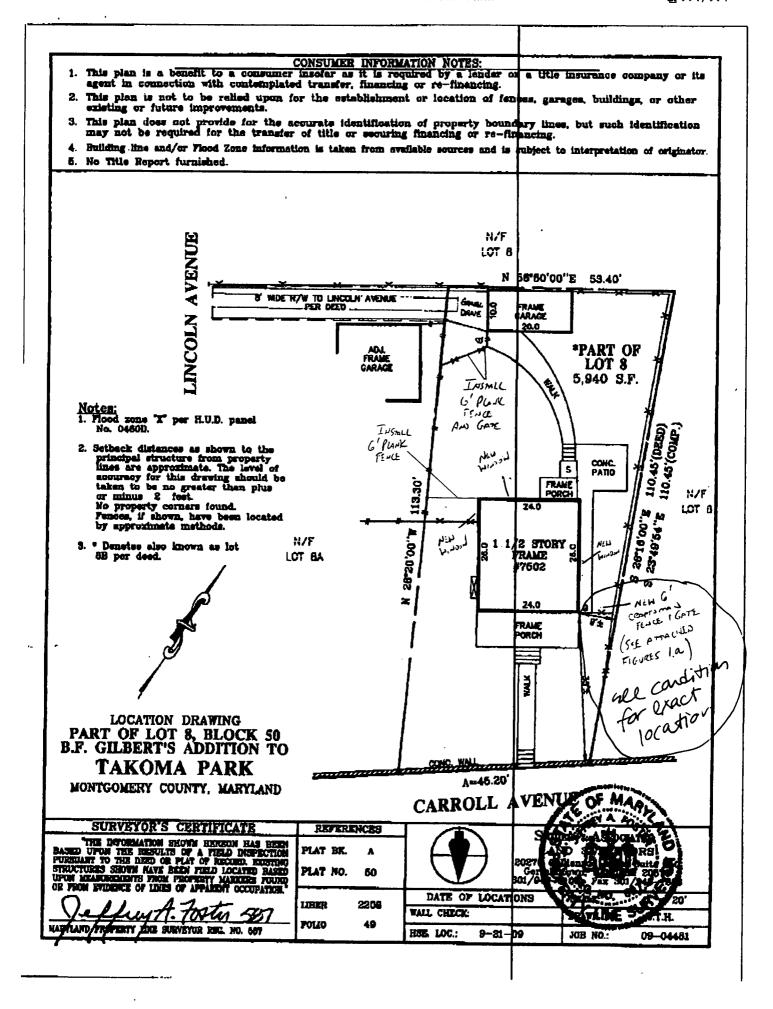


RETURN TO: DEPARTMENT OF PERMITTING SERVICES
255 ROCKVILLE PIKE, 2nd FLOOR, ROCKVILLE, MD 20850
240/777 6370

# HISTORIC PRESERVATION COMMISSION 301/563-3400

# APPLICATION FOR HISTORIC AREA WORK PERMIT

•	Contact Person: Davis Simons
	Daytime Phone No.: (302) 297 - 681 9
Tax Account No.:	_
Name of Property Owner:	Daytime Phone No.: ( ユーレ ) 247 - ムタ19
Address: 75-2 CARROLL AVE TAKOMA Street Number City	PARK MD 20912
Street Number City  Contractor: I'C- AWA:AC-	
Contractor Registration No.: 6478 /	
Agent for Owner:	Daytime Phone No.:
LOCATION OF BUILDING/PREMISE	
House Number: 750 1 Street	CARROLL AVE
Town/City: TAKOMA PARK Nearest Cross Street:	
Lot: Pt Lot 8 Block: 50 Subdivision: BF. Cause	
Liber: 138 Folio: 49 Parcel: (Lo, '88")	
PART ONE: TYPE OF PERMIT ACTION AND USE	
1A. CHECK ALL APPLICABLE: CHECK ALL A	APPLICABLE:
☐ Construct ☐ Extend     ☐ A/C ☐	Slab Room Addition Porch Deck Shed
☐ Move ☐ Install ☐ Wreck/Raze ☐ Solar ☐	Fireplace  Woodburning Stove  Single Family
☐ Revision ☐ Repair ☐ Revocable	all (complete Section 4) ロ Other:
1B. Construction cost estimate: \$ 3, 0: 3	
1C. If this is a revision of a previously approved active permit, see Permit #	
PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXTEND/ADDITION	AIC .
2A. Type of sewage disposal: 01 USSC 02 Septic	03 🗆 Other:
	03  Other:
2B. Type of water supply: 01 ☐ WSSC 02 ☐ Well	os 🗇 odiei.
PART THREE: COMPLETE ONLY FOR FENCE/RETAINING WALL	SCIVED
3A. Height 6 feet 0 inches	
3B. Indicate whether the fence or retaining wall is to be constructed on one of the fo	flowing locations: Civision or
☐ On party line/property_line . △ Entirely on land of owner	তি on public right of way/easement
I hereby certify that I have the authority to make the foregoing application, that the aj	oplication 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 co	andition for the issuance of this permit.
	.1 /
Signature of owner or authorized agent	
अञ्चातामान म जनामा म व्यवसायास् <del>ट्रा सुव</del> ात	Late
Approved: / with one condition For Chairpe	erson, Historic Preservatión Commission
Disapproved: Signature:	Date: 2/9/16
Application/Permit No.: 5-28373 Date File	ed: /2/28/09 Date Issued:



# EXPEDITED MONTGOMERY COUNTY HISTORIC PRESERVATION COMMISSION STAFF REPORT

Address:

7502 Carroll Avenue, Takoma Park

**Meeting Date:** 

2/10/2010

Resource:

Contributing Resource

Report Date:

2/3/2010

ixesource.

Takoma Park Historic District

**Public Notice:** 

1/27/2010

Applicant:

David Simonetti

Tax Credit:

N/A

Review:

HAWP

Staff:

Josh Silver

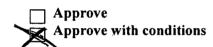
Case Number:

37/03-10D

**PROPOSAL:** 

Fencing installation and basement window replacement

#### STAFF RECOMMENDATION:



1. The proposed fence located on the north side (<u>section three described below</u>) of the house will be setback 10' from the front of the porch.

## ARCHITECTURAL DESCRIPTION

SIGNIFICANCE:

Contributing Resource within the Takoma Park Historic District

STYLE:

Craftsman 2-story

DATE:

1915-25

#### **PROPOSAL:**

The applicant is proposing to replace three grade-level basement windows with new exterior clad wooden hopper style windows in the same locations. (Specification sheet attached).

The proposal also includes the installation of three sections of 6' high wooden fencing and two gates.

Section One: Remove non-historic wire fence located on the south side of the house between the rear wall plane and adjacent property, and install 10 linear feet of 6' high, wooden plank fencing in the same location. The proposed fence is parallel with the rear wall plane of the house.

**Section Two:** Remove non-historic wire fence and chain-link gate at the rear of the property between the existing garage and adjacent property, and install 10 linear feet of 6' high, wooden plank fencing and one gate in the same location. The proposed fence and gate are confined to the rear yard of the property.

**Section Three**: Remove non-historic wire fence and chain-link gate on the north side of the property between the front wall plane of the historic massing and adjacent property, and install 8 linear feet of 4'

high, wooden plank fencing with 2' high, wooden decorative lattice top and one gate in the same location. The proposed fence will connect to a wooden stockade fence located on the adjacent property to the north.

#### **APPLICABLE GUIDELINES:**

#### Montgomery County Code; Chapter 24A-8

- (a) The commission shall instruct the director to deny a permit if it finds, based on the evidence and information presented to or before the commission that the alteration for which the permit is sought would be inappropriate, inconsistent with or detrimental to the preservation, enhancement or ultimate protection of the historic site or historic resource within an historic district, and to the purposes of this chapter.
- (b) The commission shall instruct the director to issue a permit, or issue a permit subject to such conditions as are found to be necessary to insure conformity with the purposes and requirements of this chapter, if it finds that:
  - (1) The proposal will not substantially alter the exterior features of an historic site or historic resource within an historic district; or
  - (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; or
  - (3) The proposal would enhance or aid in the protection, preservation and public or private utilization of the historic site or historic resource located within an historic district in a manner compatible with the historical, archeological, architectural or cultural value of the historic site or historic district in which an historic resource is located; or
  - (4) The proposal is necessary in order that unsafe conditions or health hazards be remedied; or
  - (5) The proposal is necessary in order that the owner of the subject property not be deprived of reasonable use of the property or suffer undue hardship; or
  - (6) In balancing the interests of the public in preserving the historic site or historic resource located within an historic district, with the interests of the public from the use and benefit of the alternative proposal, the general public welfare is better served by granting the permit.
    - (c) It is not the intent of this chapter to limit new construction, alteration or repairs to any 1 period or architectural style.
    - (d) In the case of an application for work on an historic resource located within an historic district, the commission shall be lenient in its judgment of plans for structures of little historical or design significance or for plans involving new construction, unless such plans would seriously impair the historic or architectural value of surrounding historic resources or would impair the character of the historic district. (Ord. No. 9-4, § 1; Ord. No. 11-59.)

#### STAFF RECOMMENDATION:

Staff recommends that the Commission <u>approve the HAWP application with condition specified on Circle</u> <u>1</u> as being consistent with Chapter 24A-8(b), (1) and (2):

and with the general condition that the applicant shall present the 3 permit sets of drawings, if applicable, to Historic Preservation Commission (HPC) staff for review and stamping prior to submission for the Montgomery County Department of Permitting Services (DPS) building permits;

and with the general condition that the applicant shall notify the Historic Preservation Staff if they propose to make any alterations to the approved plans. Once the work is completed the applicant will contact the staff person assigned to this application at 301-563-3400 or joshua.silver@mncppc-mc.org to schedule a follow-up site visit.



RETURN TO: DEPARTMENT OF PERMITTING SERVICES
255 ROCKVILLE PIKE, 2nd FLOOR, ROCKVILLE, MD 20850
240777 6370

# HISTORIC PRESERVATION COMMISSION 301/563-3400

# APPLICATION FOR HISTORIC AREA WORK PERMIT

·	Contact Person:
	Daytime Phone No.: (202) 297 - 681 9
Tax Account No.:	_
Name of Property Owner: SIMONETTI, David	Daytime Phone No.: (201) 297 - 6819
Address: 7502 CARROLL AVE TAKOMA	PARK MD 20912
Otreet realised	
Contractor: PG AWNING	Phone No.: (301) 838 /44 /
Contractor Registration No.: 66781	•
Agent for Owner:	_ Daytime Phone No.:
LOCATION OF BUILDING/PREMISE	
	CARROLL AVE
Town/City: TAKOMA PARK Nearest Cross Street	LINCOLD AVE
Lot: A Lot 8 Block: 50 Subdivision: B.F. G. C.	
Liber: 108 Folio: 49 Parcel: (Lot '88")	
1000	
RART ONE: TYPE OF PERMIT ACTION AND USE	
1A. CHECK ALL APPLICABLE: CHECK ALL A	APPLICABLE:
☐ Construct ☐ Extend	Slab Room Addition Porch Deck Shed
☐ Move ☐ Install ☐ Wreck/Raze ☐ Solar ☐	Fireplace  Woodburning Stove  Single Family
☐ Revision ☐ Repair ☐ Revocable 💆 Fence/W	all (complete Section 4) 🗆 Other: ️ 🗸 🗸 🗸 🗸
1B. Construction cost estimate: \$ 3, 0s 5	
1C. If this is a revision of a previously approved active permit, see Permit #	
PART THOS. COMPLETE FOR NEW CONCEDUCTION AND EXTEND ADDITION	IMC
PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXTEND/ADDITIO	
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	CEIVED
3A. Height 6 feet oinches	1, 10
3B. Indicate whether the fence or retaining wall is to be constructed on one of the fo	ollowing locations: Olvision or
☐ On party line/property line 🏂 Entirely on land of owner	☐ On public right of way/easement
I hereby certify tight I have the authority to make the foregoing application, that the a	pplication is correct, and that the construction will comply with plans
approved by all/egencies listed and I hereby acknowledge and accept this to be a co	ondition for the issuance of this permit.
	1/20/0
Signature of owner or authorized egent	
	The state of the s
Approved:For Chairpe	erson, Historic Preservation Commission
Disapproved: Signature:	
Application/Permit No.: 5-28373 Date Fil	,
Application/rennit No Date Pil	Cu

**SEE REVERSE SIDE FOR INSTRUCTIONS** 



#### 1. WRITTEN DESCRIPTION OF PROJECT

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

Residence is a Craftsman, two-story, single-family, stucco on frame construction, home, which is listed as a contributing resource in the Master Plan. The home was purchased by the current owner in December 2009 and minor renovations, most focused on returning the home to its original condition, are being contemplated by the owner. The following are exterior rehabilitation items that are currently being contemplated and for which this application is being made:

- 1.) Windows: While the existing sashes will be retained throughout the first and second floors of the home, there are three hopper-style basement windows at grade which have suffered from water-induced rot and termite damage. Due to the extent of the damage, these windows are not repairable. There is one window on the south side (Photo 1a.), one on the north side (Photo 1c.), and one on the rear of the residence (Photo 1b.). These windows have little historical significance and do not contribute architecturally to the residence. They are poorly constructed, utility windows, which must be replaced for the ongoing utility of the home.
- 2.) Fencing: There is currently wire fencing on the south side of the house, at the rear wall, wire fencing and a chain-link gate at the rear of the property between the fence at 7500 Carroll and the detached garage of the residence, and wire fencing and a chain-link gate on the north side of the house where the rear of the front porch meets the structure, continuing to the 6' stockade fencing at 7504 Carroll. The existing fencing was likely installed in the 1950's and is rusted and in disrepair. This fencing has no historical significance.
- b. General description of project and its effect on the historic resource(s), the environmental setting, and where applicable, the historic district.
  - 1.) Windows: We propose to replace the three grade-level basement windows with an aluminum or vinyl-clad wooden hopper-style windows (Marvin Tilt-Hopper or equivalent). Windows will be full view with divided light grilles to match the old windows. These windows are at grade and are not visible from any street. The danger of moisture exposure at this location demands the moisture-resistance that a clad window will provide. As the windows will be styled and painted to match the existing, there should be no derogatory effect on the historic resource.
  - 2.) Fencing: While we have seen standardized recommendations of employing picket fencing within Montgomery County historic districts, we take issue with this choice as it is not appropriate to the Arts and Crafts period and would not have been utilized during that period. We propose to install 6', plank wood fencing at the rear wall of the residence on the south side (Photo 2a.), and the same with the addition of a gate between the garage and the neighbor's stockade fencing at the rear Photo 2b.), both replacing the existing wire fencing and painted to match the residence.

Page 5

The north side of the residence is a bit more complex. As the basement door of the residence is located approximately 12' from the front of the front porch, and we have "giant-breed" dogs which utilize that door for ingress and egress to the residence, it is necessary for the utility of the residence to have a high fence. Given the current Commission's current historic preservation guidelines and our needs as the owner's of the residence, we propose to replace the existing wire fence and chain link gate with a wooden fence and gate, the lower four feet of which is plank wood and the upper two feet of which is decorative lattice, painted to match the residence. A drawing of the residence's front elevation including the fence is attached as Figure 1. This style fence is typical of those constructed during the Arts and Crafts period and we have attached some documentation of this fact (See "The Mistletoe Express" newsletter). This style of fencing at this location would accomplish a number of goals:

- Erect historically appropriate fencing in an area where legacy stockade fences about at all locations of surrounding residences.
- Add to the flavor of the historic district becoming an enhancement of the resource as opposed to a detractor.
- Cause the removal of the old wire fence which is neither historically appropriate nor attractive.
- Makes use of the decorative-lattice upper portion to retain the "openness" desired by the HPC.
- Provides necessary utility for the owners in securing the rear of their residence and keeping their dogs restrained in at a location situated on a busy main road.

As the attached photographs 3a. through 3.e show, due to the thirty-five foot setback of the residence from the road, the sides of the house are not readily visible from the roadway or sidewalk. This style of fencing at this location will provide both historic authenticity and necessary utility without compromising the greater environment of the district.



## **NEIGHBORING RESIDENCES**

#### South:

Liebman, Eric J. and Wilson, Catherine M. 7500 Carroll Avenue, Takoma Park, MD 20912

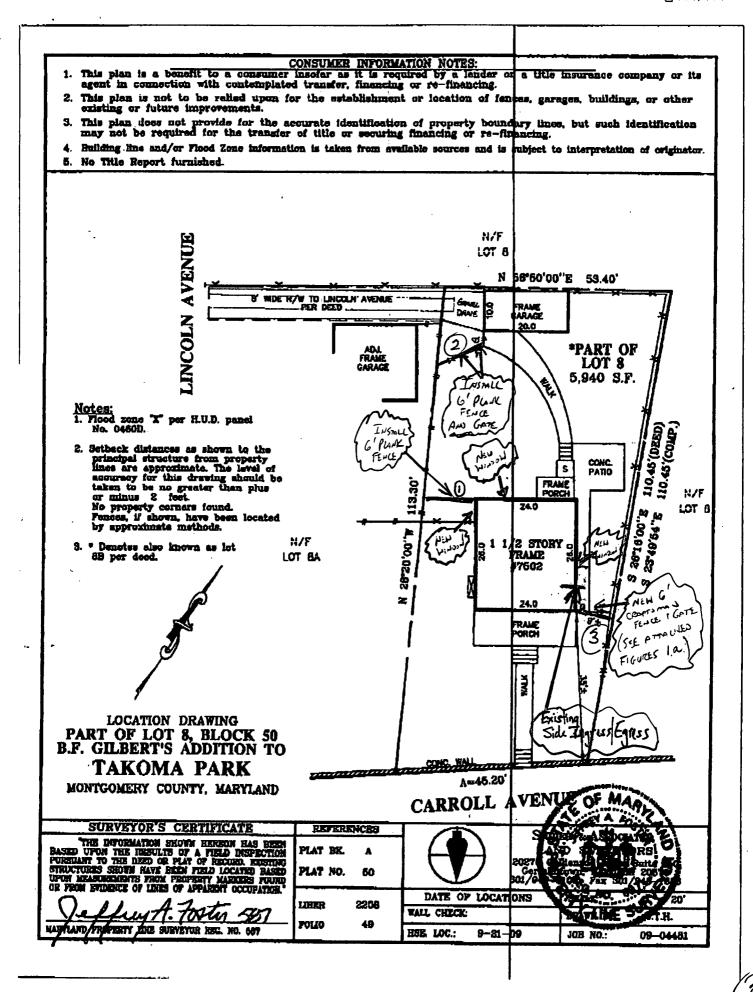
#### North:

Curcio Mary and Barry, Rudy 7504 Carroll Avenue, Takoma Park, MD 20912

### **Confronting:**

Landphair, Theodore W. & C.M. 7501 Carroll Avenue, Takoma Park, MD 20912

Leshner, Johanna Cohen & Michael Cohen Leshner 7503 Carroll Avenue, Takoma Park, MD 20912



## The Craftsman-style fence

#### Editor

"The Arts and Crafts movement was more than a moving away from the ornamentation of Victorian period," says noted landscape architect Jack de Lashmet of East Hampton, N.Y. "It was not so much a reaction against ornamentation, as so much of the Arts and Crafts period is about ornamentation, but rather an embracing of function and quality. It really is the precursor to Modernism. It's the whole idea of a quarter-acre-lot home built with regard to craftsmanship and simplicity and the landscape architecture reflects this idea."

A major element of the exterior of an American Craftsman-style neighborhood is our landscape architecture, which includes fences, gates, arbors, stairs and various hardscape. Nearly all of the early original Arts and Crafts fences are gone. So when we consider a new fence, we need to take our cues from landscape architects, style ideas from our home's architecture, from trims, original shutters, porch styles, stairs and the overall setting, color and line of our homes. A new fence's purpose must remain primary, whether it is to keep the dog in the yard, secure the safety of young

Continued on page 2

#### INSIDE THIS ISSUE

- 1 The Craftsman-style fence, Gardening
- The New Newby Park
- 4 Neighborhood meetings, Letters to the editor
- 6 General meeting minutes
- 8 Yard of the month

## Gardening in March

**Dottie Guffey** 

"Find a little bit of land somewhere and plant a carrot seed. Now sit down and watch it grow. When it is fully grown pull it up and eat it." (Living on the Earth, Stephen Gastein)

#### Gardening tips:

Although we most likely will have a late freeze, the warming season is so near and if you are like me you are excited about that and ready to give the gardening spots a facelift.

Plant trees, shrubs, dianthus, snapdragons, larkspurs and cool season vegetable plants or seeds. Plant cool season root vegetables like carrots, beets, radishes and turnips. Plant mesculin salad greens, Chinese cabbage, broccoli, and cauliflower. Warm weather tomato, pepper and eggplant seedlings can be started indoors in a warm spot. If they are in starter pots place them right into the earth after the last freeze (usually after the middle of March). If a late freeze arrives after the warm weather plants are up, water the starter pots well and cover with large strips of brown paper secured with rocks or bricks. The paper can be found on 3' width rolls at the hardware store for about \$8.00. If you don't use all the brown paper in the garden, give the rest to the kids as doodle paper! I just tape it up on the wall and hand them all kinds of drawing materials.

Fertilize all planting areas with 100 percent organic cocktail of fish emulsion and compost tea.

Get an early start on eliminating soft bugs with insecticidal soap.

**Prune** roses and wisteria. If these plants have new growth at the time of a freeze, cover with a blanket, box or paper bag.

Let's make an alley date for removing debris, planting and so much more after lunch on March 15 (rain/cold date March 22). If anyone has been digging like me, you can come up with propagations right from your garden that you can share with the alley. Bring plants, seedlings and ideas, and I will try and make it by your alleyway for a visit! And those of you who don't have an alley, we can probably use your help.

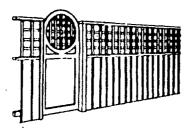
### Craftsman fence continued from page 1

children, screen ugly views, create needed privacy or make boundaries for garden rooms, but there is no need to neglect style.

A "privacy fence" is an immediate best choice for creating privacy or to block unwanted views on our small lots. Lattice creates boundaries with subdued views. The solid fence with a lattice top is a particularly good combination for a Craftsmanstyle fence. Landscape architects of the period created the lattice not on the diagonal but rather in an upright square. The lattice boxes were open in a square pattern and could be either large or small squares or a combination.

Fences were often done with a pergola or entry gate depending on the style and placement of the home.

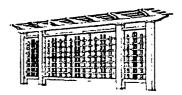
The Craftsman home was a reactive break from the Industrial Revolution with architectural emphasis on craftsmanship, landscape and a return to fundamentals. Our fences should embody the Arts and Crafts style to become one with the home and the landscape.



"The gates and fencing were an extension of the house," says de Lashmet. "The fences would have been plank wood with details matching details in the house, such as the roof line, wood, stone, shingle and house colors and stains. No chainlink, no white-and-green resin fences, no stockade fencing, and no pickets. They detract from the house. The fences of the period recall the house to which they connect. Materials echo the house, such as stucco, wood, stone, and the colors are earthen greens and browns, and again should extend the house architecture into the landscape."

Diagonal lattice, cheap stockades and spider decks hanging off of second-story windows and doors are all wrong for our homes. Inappropriate landscape architecture plunked down without style consideration, looks like a tumor on a historic home, and before you know it, the neighborhood has metastatic fence, deck and gate cancer.

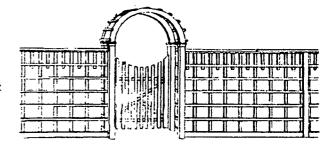
Another problem in choosing a fence is picking fencing that is too formal, frivolous or massive and fencing that is clearly of a different period to the house.



Take cues from the California fence builder Charles Prowell who owns Charles Prowell Woodworks. His Web site is prowellwoodworks.com. Take a look at the work of Peter A. Kirsch-Korff as well. One of our best sources for Craftsman fencing ideas comes from our own Japanese Garden at the Fort Worth Botanic Garden. Much of our period styling comes from a love of Japonisme, which greatly influenced Arts and Crafts.

Given our extreme temperatures, it is wise to seal your fence in a clear stain or to use historical stain colors to coordinate with the house and garden. Staining your new fence in browns, natural greens and earth tones will compliment the garden and the home. Coordinating a trim color from the home to the fence should be considered or using a natural wood stain from an exterior door. Or perhaps taking the trim on your home back to the wood and staining and sealing the trim to match your fence and vice versa. Take a look at the Gamble House at www.gamblehouse.org. The stains and colors you choose are up to you, but take a peek and see what some of the major craftsman landmarks are choosing.

You can also build these fences on your own with a little bit of planning and a friendly fire nail gun. A plain stockade adorned with craftsman style trimmings can make an inexpensive fence, look like a high end custom job. Fences can be created with high-end architectural features with a bit of forethought and it doesn't have to break the bank. An Arts and Crafts fence will enhance the overall monetary value of your Arts and Crafts home and extend your home's design into the garden and neighborhood.





#### **UNIT FEATURES**

#### Frame:

- Interior: Standard is Pine Wood, optional Douglas Fir. Species available are Mahogany, Cedro Macho, Vertical Grain Douglas Fir, Cherry, and White Oak.
  Exterior: Extruded aluminum, .050" (1.3) thick

Frame thickness: 3 1/16" (78)
Sill thickness: 1 11/16" (43)
Frame width: 2 13/32" (61), 4 9/16" (116)

• Interior: Standard is Pine Wood, optional Douglas Fir. Species available are Mahogany, Cedro Macho, Vertical Grain Douglas Fir. Cherry, and White Oak.

Exterior: Extruded aluminum, .050" (1.3) thick
 Sash Stile and Rail thickness: 2 1/4" (57). Taken from Interior

Interior glazed

Interior and exterior finish:

• Interior finish: Interior finish: treated bare wood or white primed (pine only)

• Exterior finish: Two coat finish system using Kynar® or Hylar® resins, meets or exceeds AAMA 2605 requirements.

Standard Color: Stone White, Bronze, Pebble Gray, Evergreen, Baharna Brown. Select Color: Sierra White, Coconut Cream, French Vanilla, Cashmere, Desert Belge, Cumulus Gray, Cadet Gray, Ebony, Arctic White, Cascade Blue, Cobalt Blue, Hampton Sage, Sherwood Green and Wineberry. Contact your Marvin representative for details on custom colors.

#### Hardware:

- Tilt turn and Inswing Casement: Multi-point locking hardware with Bronze pistol grip handle. Optional White, Satin Chrome, Solid Brass, Bronze keyed or White keyed handle. Optional Turn Restrictor, Security key, Additional Scissor Stay
   Hopper: Operating Bronze pistol grip handle. Optional White, Satin Chrome, Solid Brass pistol grip handle
   Tilt-turn keyed stationary: Key operated locks allows authorized swing only

· Limiter on Hopper only called tilt stay

Weather Stripping:

• Weather Strip: Resilient leaf type gasket. Color: Black

#### **Jamb Extensions:**

Interior pine wood extensions available for various wall thickness factory applied, finish to match interior

- Insect Screens:

   Standard full screen, removable to interior. Screen mesh: 18 by 16 Charcoal fiberglass. Optional screen mesh: Charcoal aluminum wire, Black aluminum wire, Bright aluminum wire, bright bronze wire

  Aluminum screen frame: Color: Stone White, Evergreen, Bronze or Pebble Gray, Select and Custom colors available
  Optional Charcoal High Transparency screen mesh (CH Hi-Tran) 20 x 20 fiberglass.

Removable Interior Grilles:

• Bar: Pine wood, 3/4" (19) or 1 1/8" (29) wide

• Pattern: Rectangular, custom lite layouts available, contact your Marvin representative

- Interior / Exterior Simulated Divided Lite (SDL):

   Interior bars: 7/8" (22) or 1 1/8" (29) wide bars. Pine wood or Douglas fir standard, optional white cak, cherry, mahogany, cedro macho or vertical grain Douglas fir. Finish to match interior
  - Exterior bar: Extruded aluminum clad, 7/8" (22) or 1 1/8" (29) wide bars, finish to match exterior
     Pattern: Rectangular, custom lite layouts available, contact your Marvin representative
     Installation method: Factory applied with acrylic foam tape

Grilles-between-the-glass (GBG):

• 11/16" (17mm) white contoured aluminum bar. Optional flat aluminum spacer bar, contact your Marvin representative

- Glass and Glazing:

  Glazing method: Insulated glass, hermetically sealed. Optional single glaze.

  Glazing seal: Silicon glazed

  Glazing type: Clear glass, optional glass types: LoE3-366™ with Argon or Low E II with argon, Laminated, Tempered, Obscure, Bronze tint, Gray tint, and Reflective Bronze

#### Accessories:

- Installation brackets: 6 3/8" (162), 9 3/8" (238), or 15 3/8" (391)
  Masonry brackets: 6" (152) or 10" (254)
  Nailing fin: Head jamb fin/drip cap, side jamb and sill fin. Head nailing fin with drip cap not designed to replace proper flashing
- Marvin SillGuard
- Aluminum extrusions: Brick mould casing, Flat casing, various special casings, Mullion cover, Frame expander, Mullion expander, Jamb extender

Note: Values shown in parenthesis represent metric equivalents

For product specifications please refer to the CSI Product Specifications, contact your Marvin representative



Built around you.

### NFRC VALUES

NFRC Unit Values							
Glazing Type	U-Factor	Solar Heat Gain Coefficient	Visible Light Transmittance	Condensation Resistance	Energy Star		
Clad Magnum Tilt-Turn / Hopper							
Size Tested	36 x 60	36 x 60	38 x 60	36 x 60			
Insulating glass	0.49	0.51	0.51		-		
Insulating glass - SDL with spacer bars	0.49	0.46	0.46	-	-		
Insulating Low E II glass	0.38	0.28	0.45	-	NC, SC, S		
Insulating Low E II glass - SDL with spacer bars	0.39	0.26	0.40	-	NC, SC, S		
Insulating Low E II glass - Argon	0.34	0.28	0.45	-	N, NC, SC, S		
Insulating Low E II glass - Argon, SDL with spacer bars	0.35	0.26	0.40	-	N, NC, SC, S		
Insulating LoE3-366™ Glass	0.34	0.19	0.44	55	N, NC, SC, S		
Insulating LoE3-366 Glass - Argon	0.31	0.19	0.44	58	N, NC, SC, S		
Insulating LoE3-366 Glass - SDL w/Spacer Bar < 1"	0.36	0.18	0.39	55	N, NC, SC, S		
Insulating LoE3-366 Glass - SDL w/Spacer Bar > 1"	0.36	0.16	0.34	55	N, NC, SC, S		
Insulating LoE3-366 Glass - SDL w/o Spacer Bar < 1"	0.34	0.18	0.39	55	N, NC, SC, S		
Insulating LoE3-366 Glass - SDL w/o Spacer Bar > 1"	0.34	0.16	0.34	55	N, NC, SC, S		
Insulating LoE3-366 Glass - Argon, SDL w/Spacer Bar < 1"	0.35	0.17	0.39	58	N, NC, SC, S		
Insulating LoE3-366 Glass - Argon, SDL w/Spacer Bar > 1"	0.35	0.16	0.34	58	N, NC, SC, S		
Insulating LoE3-366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31.	0.17	0.39	58	N, NC, SC, S		
Insulating LoE3-366 Glass - Argon, SDL w/o Spacer Bar > 1"	0.31	0.16	0.34	58	N, NC, SC, S		
Insulating LoE3-366 Glass - GBG	0.34	0.18	0.39	55	N, NC, SC, S		
Insulating LoE3-366 Glass - Argon, GBG	0.31	0.17	0.39	58	N, NC, SC, S		

NOTE:
Product Values are determined using the National Fenestration Rating Council (NFRC) Procedures for determining tenestration product values.

U-Vatue: (Bru/hr-sq h-"F) Lower the U-Value, the greater the resistance to heat flow and better its insulating value.

R-Vatue: (I/U-Value) Higher the R-Value, the greater the resistance to heat flow and better its insulating value.

R-Vatue: (I/U-Value) Higher the R-Value, the greater the resistance to heat flow and better its insulating value.

Visible Light Transmittance (I/LT): Percentage of visible light transmitted through the unit.

Solar Heat Gain Coefficient (BNGC): The lower a window's SNGC, the less solar heat it transmitte, and the greater its shading ability.

Condensation Resistance (CR): Condensation Resistance measures the ability of a product to resist the formation of condensation on the Interior surface of a product. The higher the CR rating, the better that product is at resisting condensation formation.

Capillary tubes are required for IG units at high elevations. Argon will not be furnished in units with capillary tubes. Contact the Architectural Department Hotline at (800-346-3383) for additional NFRC Unit Values.



NFRC VALUES

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NFRC Unit Values							
Glazing Type	U-Factor	Solar Heat Gain Coefficient	Visible Light Transmittance	Condensation Resistance	Energy Star		
Clad Mag	num Tilt-Tur	n / Hopper	•	•	•		
Size Tested	36 x 60	36 x 60	36 x 60	36 x 60			
Insulating LoE3-366™ Glass	0.34	0.19	0.44	55	N, NC, SC, S		
Insulating LoE3-366 Glass - Argon	0.31	0.19	0.44	58	N, NC, SC, S		
Insulating LoE3-366 Glass - SDL w/Spacer Bar < 1"	0.36	0.18	0.39	55	N, NC, SC, S		
Insulating LoE3-366 Glass - SDL w/Spacer Bar > 1"	0.36	0.16	0.34	55	N, NC, SC, S		
Insulating LoE3-366 Glass - SDL w/o Spacer Bar < 1"	0.34	0.18	0.39	55	N, NC, SC, S		
Insulating LoE3-366 Glass - SDL w/o Spacer Bar > 1"	0.34	0.16	0.34	55	N, NC, SC, S		
Insulating LoE3-366 Glass - Argon, SDL w/Spacer Bar < 1"	0.35	0.17	0.39	58	N, NC, SC, S		
Insulating LoE3-366 Glass - Argon, SDL w/Spacer Bar > 1"	0.35	0.16	0.34	58	N, NC, SC, S		
Insulating LoE3-366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.17	0.39	58	N, NC, SC, S		
Insulating LoE3-366 Glass - Argon, SDL w/o Spacer Bar > 1"	0.31	0.16	0.34	58	N, NC, SC, S		
Insulating LoE3-366 Glass - GBG	0.34	0.18	0.39	55	N, NC, SC, S		
Insulating LoE3-366 Glass - Argon, GBG	0.31	0.17	0.39	58	N, NC, SC, S		

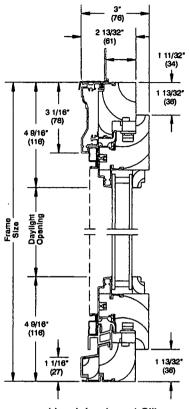
NOTE:
Product Values are determined using the National Fenestration Rating Council (NFRC) Procedures for determining fenestration product values.
U-Value: (Rtu/tr-> sq n-+") Lower the U-Value, the greater the resistance to heat flow and better its insulating value.
R-Value: (I/U-Value) Higher the R-Value, the greater the resistance to heat flow and better its insulating value.
Visible Light Transmittance (VLT): Percentage of visible light transmitted through the unit.
Solar Heat Gain Coefficient (SHGC): The lower a window's SHGC, the less solar heat it transmitts, and the greater its shading ability.
Condensation Resistance (CR): Condensation Resistance heating the ability of a product to resist the formation of condensation on the Interior surface of a product. The higher the CR rating, the better that product is at resisting condensation formation.

Capillary tubes are required for IG units at high elevations. Argon will not be furnished in units with capillary tubes. Contact the Architectural Department Hotline at (800-348-3383) for additional NFRC Unit Values.

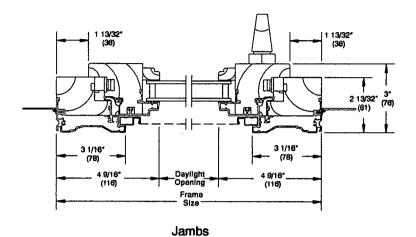
Built around you.

## **SECTION DETAILS: OPERATING**

SCALE: 3" = 1'0" (76 = 305)

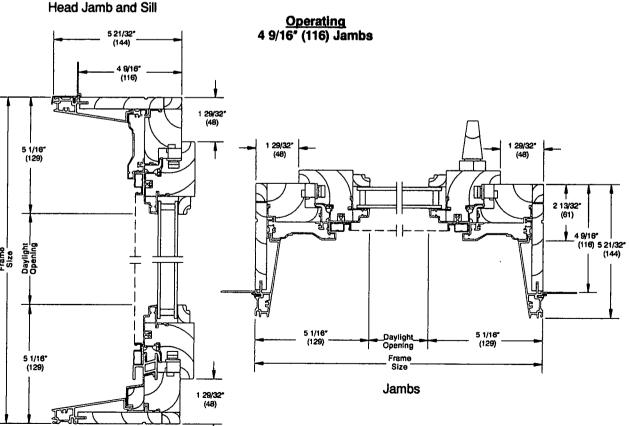


### Operating 2 13/32" (61) Jambs



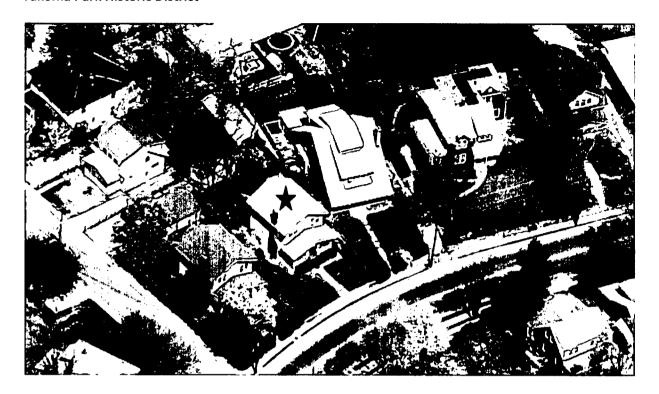
#### NOTE:

Handle location shown is for Magnum Tilt-Turn.
Handle is centered on the top rail for Hopper operation.

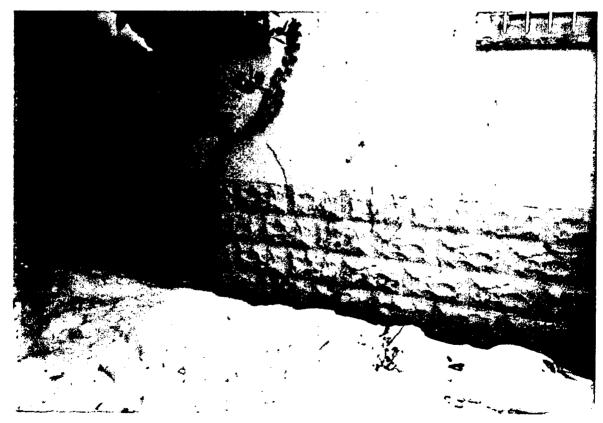


Head Jamb and Sill

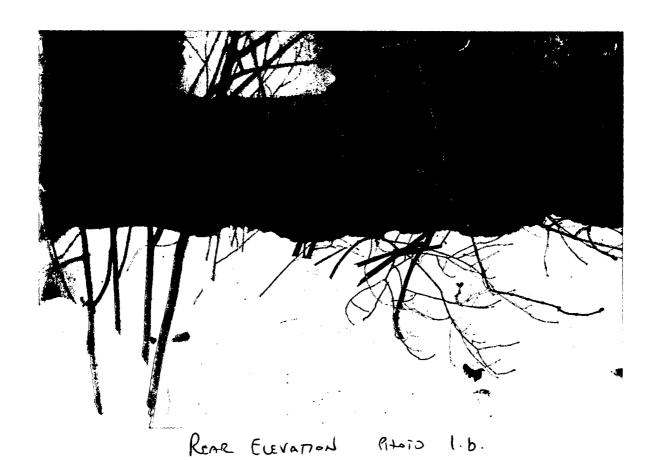
7502 Carroll Avenue, Takoma Park Takoma Park Historic District

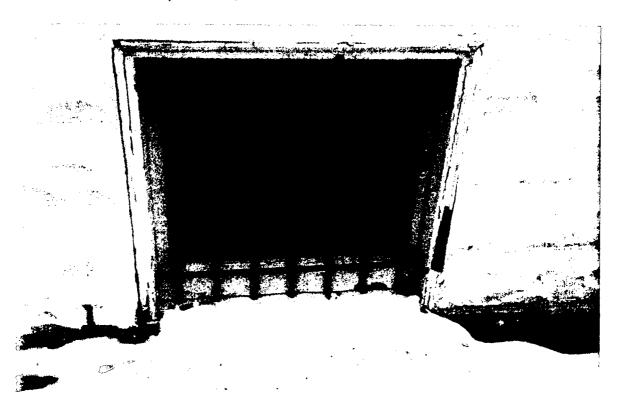






SOUTH ELEVATION PHOTO La.





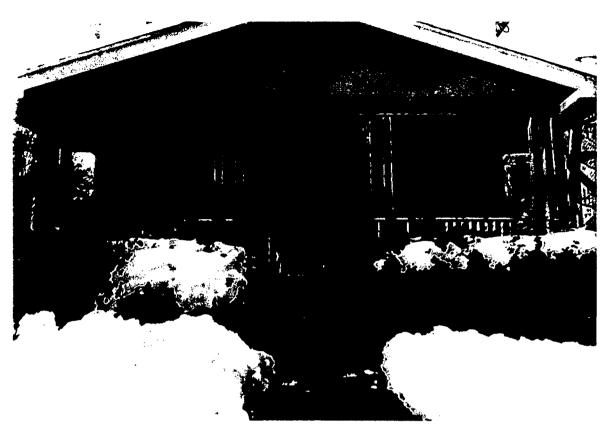
NORTH ELEVANON P.S. 1.C.



Photo 2a.



PILTO 26.



FRONT OF RESIDENCE PHONO 31.



CURRENT WIRE FENCE As Chard Lake home

Cours Stouase

AT 7504



Piloro 3 c.

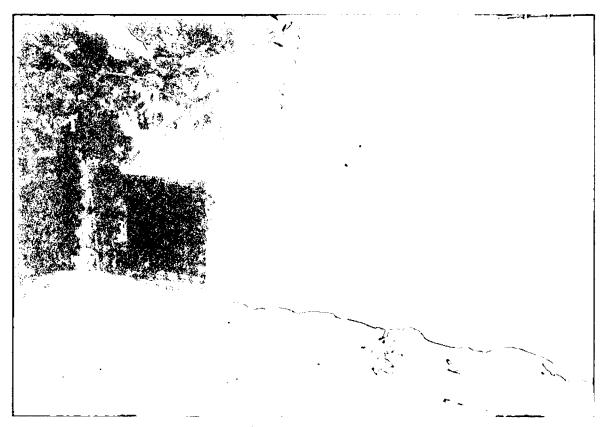


Abro 3d

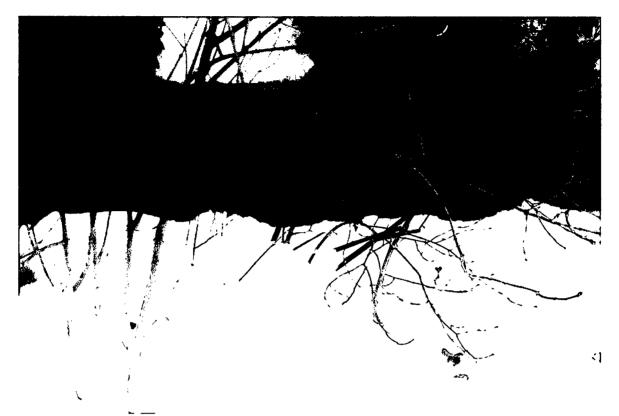


Ru 3e.

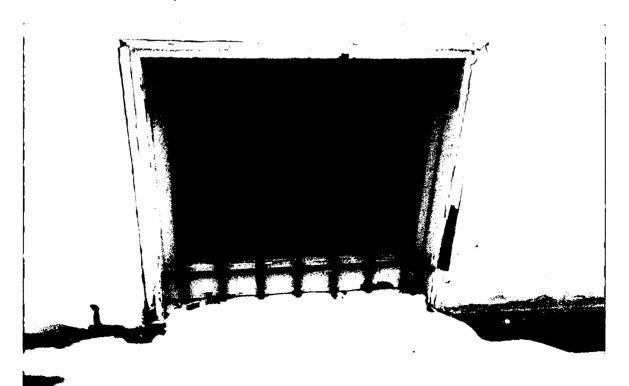




Sout ELEVATION PHOTO La.



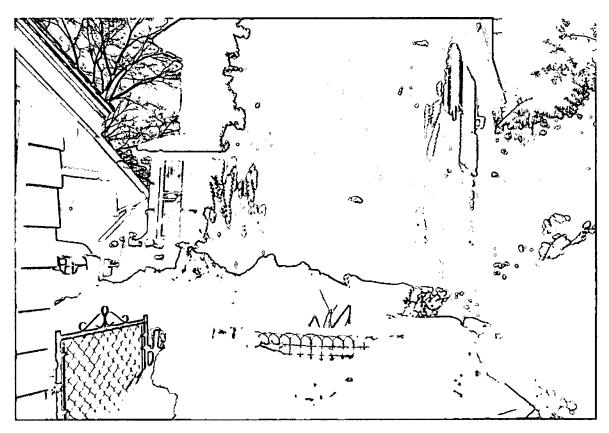
REAR ELEVATION PILOTO 1.b.



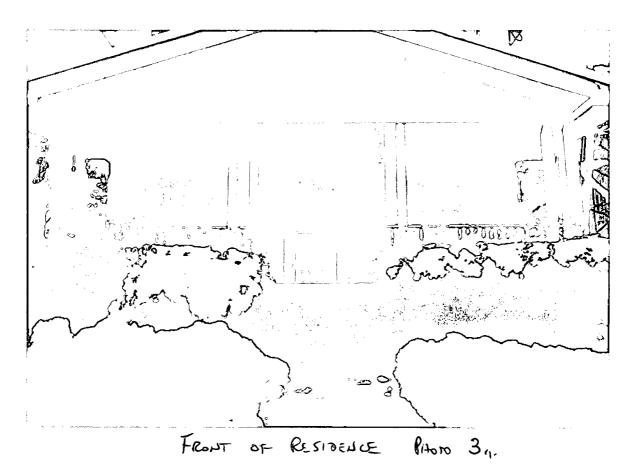
NORTH ELEVANON PILOTO 1.C.

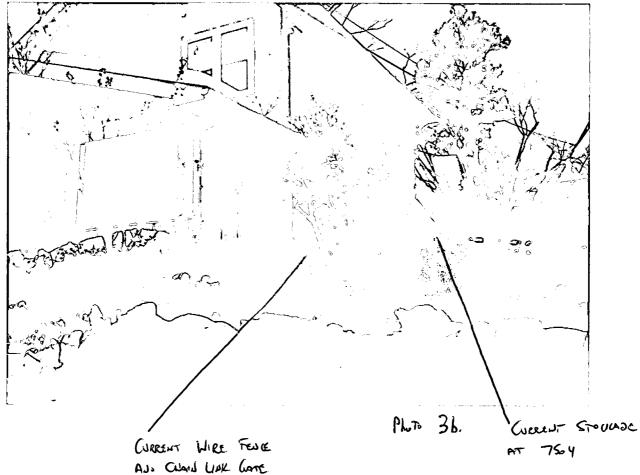


Photo 2a.



PILTO 26.







Phoro 3 c.



Abro 3 d.



Pur 3e.