

37/3-00H 7105 Carroll Avenue
(Takoma Park Historic District)

March 22

M-NCPPC



MONTGOMERY COUNTY DEPARTMENT OF PARK & PLANNING

THE MARYLAND-NATIONAL CAPITAL
PARK AND PLANNING COMMISSION

8787 Georgia Avenue
Silver Spring, Maryland 20910-3760

Date: 4.17.00

MEMORANDUM

TO: Historic Area Work Permit Applicants

FROM: Gwen Wright, Coordinator
Historic Preservation Section *[Signature]*

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

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 of your anticipated work schedule.

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

c:\hawpr.wpd



RETURN TO DEPARTMENT OF PERMITTING SERVICES
 255 Rockville Pike ROCKVILLE, MARYLAND 20850
 301-277-3370

DPS - #8

HISTORIC PRESERVATION COMMISSION

301-563-3400

APPLICATION FOR HISTORIC AREA WORK PERMIT

Contact Person: MARK ROCKMAN

Daytime Phone No.: 301 270 5615

Tax Account No.: _____

Name of Property Owner: MARK DANA ROCKMAN Daytime Phone No.: 301 270 5615

Address: 7105 CARROLL AVENUE TAKOMA PARK, MD. 20912
Street Number City State Zip Code

Contractor: CHARLES JAMES PUSKAR II Phone No.: 443-745-0894

Contractor Registration No.: MHIC # 75246

Agent for Owner: Charles James Puskar II Daytime Phone No.: 443 745 0894

LOCATION OF BUILDING/PREMISE

House Number: 7105 CARROLL Street: CARROLL AVENUE

Town/City: TAKOMA PARK, MD. Nearest Cross Street: COLUMBIA AVENUE

Lot: 15 Block: 19 Subdivision: _____

Liber: _____ Folio: _____ Parcel: _____

PART ONE: TYPE OF PERMIT ACTION AND USE

- 1A. CHECK ALL APPLICABLE:
- | | | | | | | | | |
|---|----------------------------------|--|--|------------------------------------|--|--|-------------------------------|-------------------------------|
| <input checked="" type="checkbox"/> Construct | <input type="checkbox"/> Extend | <input type="checkbox"/> Alter/Renovate | <input type="checkbox"/> A/C | <input type="checkbox"/> Slab | <input type="checkbox"/> Room Addition | <input type="checkbox"/> Porch | <input type="checkbox"/> Deck | <input type="checkbox"/> Shed |
| <input type="checkbox"/> Move | <input type="checkbox"/> Install | <input checked="" type="checkbox"/> Wreck/Raze | <input type="checkbox"/> Solar | <input type="checkbox"/> Fireplace | <input type="checkbox"/> Woodburning Stove | <input type="checkbox"/> Single Family | | |
| <input type="checkbox"/> Revision | <input type="checkbox"/> Repair | <input type="checkbox"/> Revocable | <input type="checkbox"/> Fence/Wall (complete Section 4) | | <input type="checkbox"/> Other: _____ | | | |

1B. Construction cost estimate: \$ 10,000.00

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

PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXTEND/ADDITIONS

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

PART THREE: COMPLETE ONLY FOR FENCE/RETAINING WALL

- 3A. Height 6 feet 0 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.

Charles James Puskar II Signature of owner or authorized agent 3/1/00 Date

Approved: [Signature] Historic Preservation Commission

Disapproved: _____ Signature _____ Date: 4-17-00

Applicable Permit No _____ Date Filed: _____ Date Issued: _____

SEE REVERSE SIDE FOR INSTRUCTIONS

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**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:

LONG FENCE INSTALLED A fence on the property (8) years ago. The fence has since failed and is very poor condition. It has also been VANDAL-ized by neighborhood kids w/ hockey & lacrosse sticks. The fence is really an eyesore to the corner.

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

To install a 6' tall privacy fence on the same fence line. The new material will be composed of "Koly" vinyl which is a virgin plastic - no petroleum distillates. The style is called "chesapeake" and is similar to a simple dog eared privacy picket fence.

2. SITE PLAN

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

- the scale, north arrow, and date;
- dimensions of all existing and proposed structures; and
- 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.

- 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.
- 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

- 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.
- 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 5" 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.

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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.

M-NCPPC



MONTGOMERY COUNTY DEPARTMENT OF PARK & PLANNING

THE MARYLAND-NATIONAL CAPITAL
PARK AND PLANNING COMMISSION

8787 Georgia Avenue
Silver Spring, Maryland 20910-3760

Date: 4-12-00

MEMORANDUM

TO: Robert Hubbard, Director
Department of Permitting Services

FROM: Gwen Wright, Coordinator
Historic Preservation *gwh*

SUBJECT: Historic Area Work Permit 37/3-00H

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

Approved

Approved with Conditions: _____

1 fence be painted or unpainted wood

and HPC Staff will review and stamp the construction drawings prior to the applicant's applying for a building permit with DPS; and

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

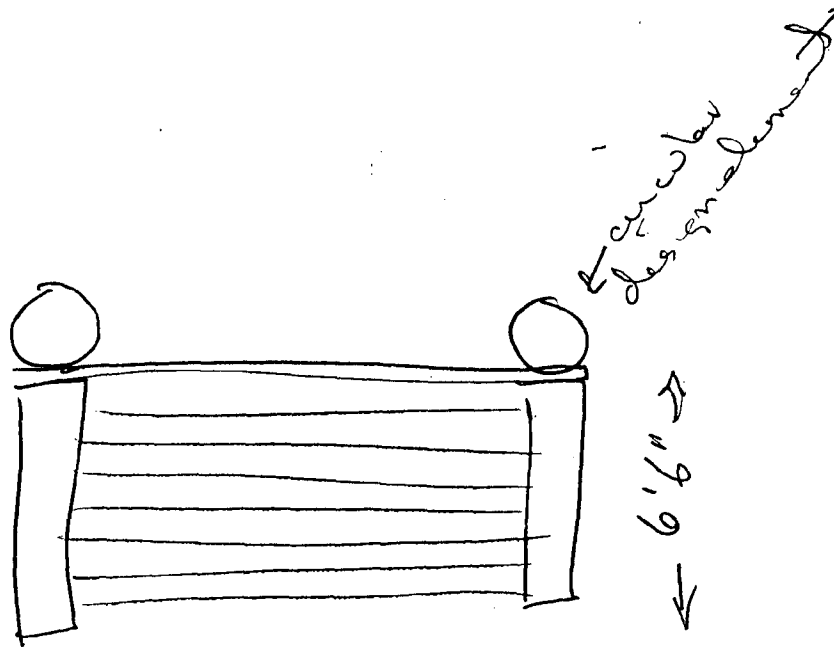
Applicant: Mark David Rodman

Address: 7105 Carroll Avenue Takoma Park

and subject to the general condition that, after issuance of the Montgomery County Department of Permitting Services (DPS) permit, the applicant arrange for a field inspection by calling the Montgomery County DPS Field Services Office at 240-777-6210 prior to commencement of work and not more than two weeks following completion of work.

APPROVED
Montgomery County
Historic Preservation Commission

[Signature]
4/17/00



4.17.99

- one section of fence composed of yellow pine pressure treated lumber
- new fence will have horizontal boards instead of vertical ones as existing one has
- 4x4 pressure treated pine posts set in concrete.

MHC 75246

CONTRACTOR:
CHARLES J. ROSKAR II
635 WINDHAR WAY
COLUMBIA, MARYLAND
21045
TELE 43 745 0894

(8)

GLM AVE

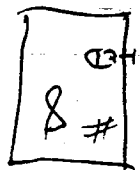
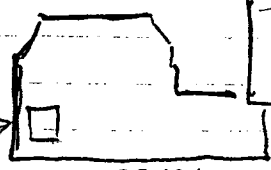
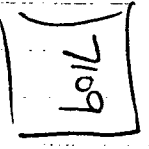
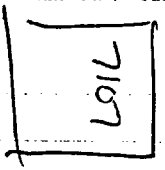
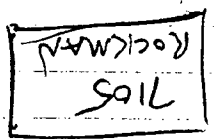
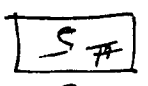
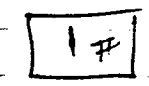
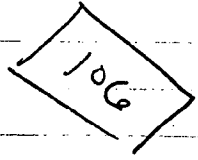
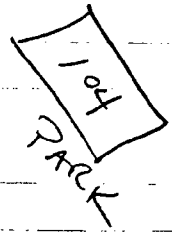
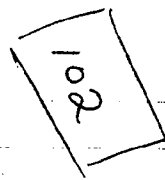
RTE 410

CHARROLL AVE

MONTGOMERY AVE

Big yellow house
w/ vinyl siding

7071
SAVOY
COFFEE



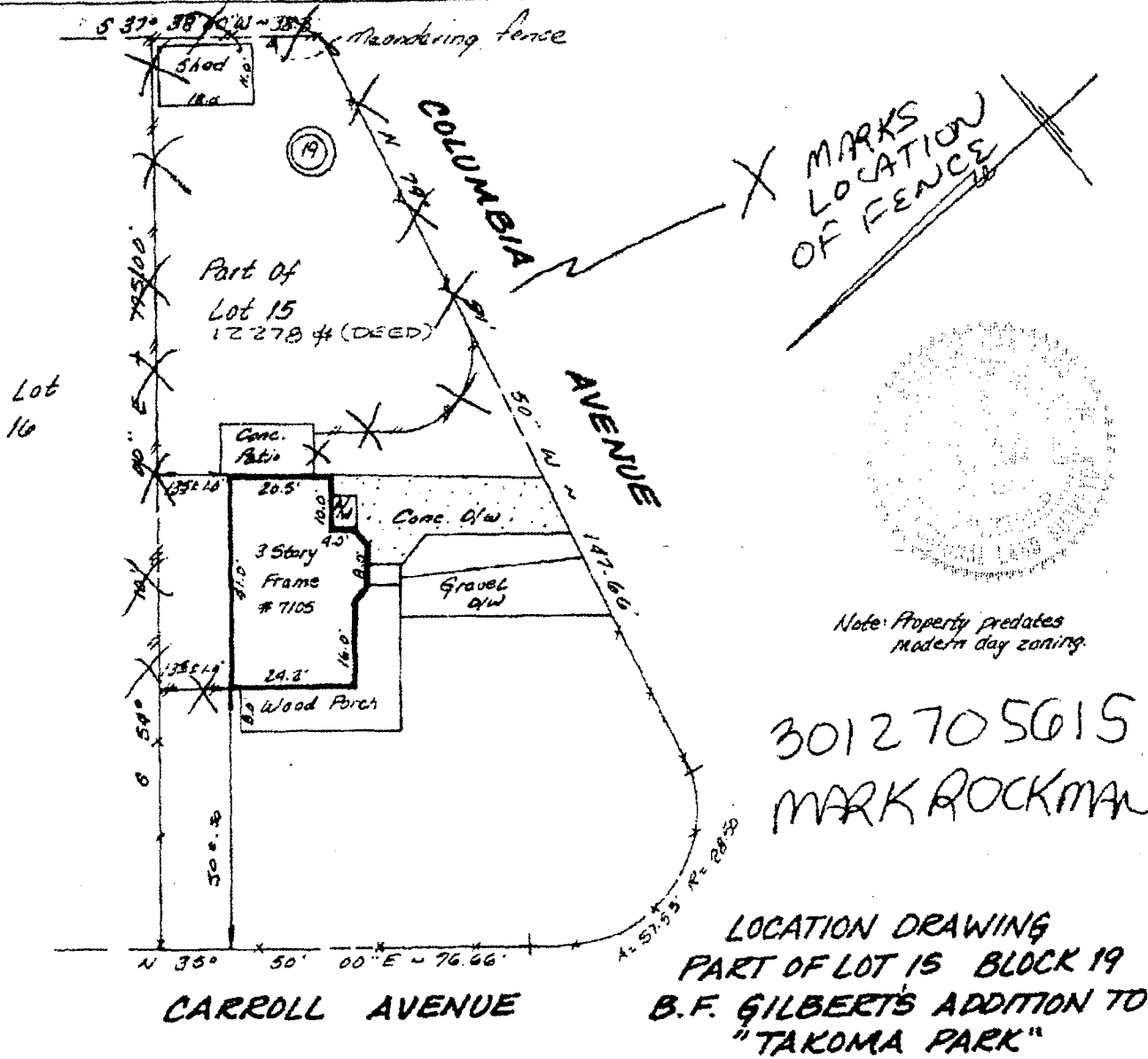
PEARLE BRANCH OWNER

COLUMBIA

CHARROLL AVE

Neighbors of contractor
and adjacent property

12067



Surveyor's Certification

I hereby certify that the survey shown hereon is correct to the best of my knowledge and that, unless noted otherwise, it has been prepared utilizing description of record. This survey is not a boundary survey and the location or existence of property corners is neither guaranteed nor

NOTE: This plat is of benefit to a consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or refinancing. This plat is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements. This plat does not

APPROVED
Montgomery County
Historic Preservation Commission

[Handwritten Signature]
4/17/00

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HISTORIC PRESERVATION COMMISSION STAFF REPORT

Address:	7105 Carroll Avenue	Meeting Date:	03/22/00
Applicant:	Mark Dana Rockman	Report Date:	03/15/00
Resource:	Takoma Park Historic District	Public Notice:	03/08/00
Review:	HAWP	Tax Credit:	None
Case Number:	37/3-00H	Staff:	Perry Kephart
PROPOSAL:	Fence Installation	RECOMMEND:	Approve w/condition

PROJECT DESCRIPTION

SIGNIFICANCE: Contributing Resource
STYLE: Colonial Revival
DATE: 1915-1925

Side-gabled, 2½ -story, two-bay residence with shingle cladding and a full width front porch that wraps around to the right. The house has a center brick chimney and 6/1 windows.

BACKGROUND

The subject property is on the corner of Carroll and Columbia Avenue, adjacent to the commercial area of Takoma Park at the center of the historic district. The owner has installed two previous rear fences of similar design; the first of wood, which rotted, and a second fence made of composite board, which is decomposing.

PROPOSAL

The applicant proposes to replace the existing privacy fence at the perimeter of the back yard with a 6' privacy fence constructed of Kroy PVC.

STAFF DISCUSSION

The subject property is at the corner of a major intersection in the commercial area of the historic district. The existing privacy fence was installed before the district was designated. The applicant proposes to replace the deteriorated fiberboard fence with a vinyl fence in an effort to construct a fence on the site that will last. As he has replaced both a wood and composition wood product fence, he proposes that a new material be used that is guaranteed to last.. He has chosen a design - if not a material - that is in keeping with the Colonial Revival style of his house.

Staff would discourage the use of out-of-period materials in general, and particularly at such a conspicuous setting. The guidelines for the historic district state that the Contributing Resources are important to the “overall character of the district and the streetscape” and goes on to say that “the design review emphasis will be restricted to changes that are *at all visible from the public right-of-way.*” The factors to consider in reviewing HAWPs on Contributing Resources are listed on the attached page from the guidelines.

Staff would recommend that a privacy fence be approved with the condition that the fence be of a material more in keeping with the period of significance of the district such as painted or unpainted wood, or stone, or a combination of these options. In staff’s opinion, the fence could be of **unpainted** wood such as cedar or redwood with locust posts, or of **painted** wood with pressure treated posts as either would be appropriate.

STAFF RECOMMENDATION

Staff recommends that the Commission *approve with condition* the HAWP application as being consistent with Chapter 24A-8(b)2:

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

and with the Secretary of the Interior Guidelines #2 and #10:

The historic character of a property will be retained and preserved. The removal of distinctive materials or alteration of features, spaces, and spatial relationships that characterize a property will be avoided.

New additions and adjacent or related new construction will be undertaken in such a manner that, if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.

And with the conditions:

1. The fence is to be constructed of either painted or unpainted wood.

with the general condition 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 calling 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.

Some of the factors to be considered in reviewing HAWPs on Contributing Resources include:

- ✎ all exterior alterations, including those to architectural features and details, should be generally consistent with the predominant architectural style and period of the resource and should preserve the predominant architectural features of the resource; exact replication of existing details and features is, however, not required
- ✎ minor alterations to areas that do not directly front on a public right-of-way -such as vents, metal stovepipes, air conditioners, fences, skylights, etc. -should be allowed as a matter of course; alterations to areas that do not directly front on a public right-of-way which involve the replacement of or damage to original ornamental or architectural features are discouraged but may be considered and approved on a case-by-case basis
- ✎ major additions should, where feasible, be placed to the rear of existing structures so that they are less visible from the public right-of-way; additions and alterations to the first floor at the front of a structure are discouraged but not automatically prohibited
- ✎ while additions should be compatible, they are not required to be replicative of earlier architectural styles
- ✎ second story additions or expansions should be generally consistent with the predominant architectural style and period of the resource (although structures that have been historically single story can be expanded) and should be appropriate to the surrounding streetscape in terms of scale and massing
- ✎ original size and shape of window and door openings should be maintained, where feasible
- ✎ some non-original building materials may be acceptable on a case-by-case basis; artificial siding on areas visible from the public right-of-way is discouraged where such materials would replace or damage original building materials that are in good condition
- ✎ alterations to features that are not visible at all from the public right-of-way should be allowed as a matter of course
- ✎ all changes and additions should respect existing environmental settings, landscaping, and patterns of open space

16
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☒ Out of
period
resource on
Valley View



NON-CONTRIBUTING/OUT-OF-PERIOD RESOURCES—RESIDENTIAL

Non-Contributing/Out-of-Period Resources are either buildings that are of little or no architectural and historical significance to the historic district or are newer buildings that have been constructed outside of the district's primary periods of historical importance. These types of resources should receive the most lenient level of design review.

Most alterations and additions to

3



RETURN TO: DEPARTMENT OF PERMITTING SERVICES
 255 Rockville Pike ROCKVILLE, MARYLAND 20850
 240-7776370

DPS - #8

HISTORIC PRESERVATION COMMISSION

301-563-3400

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 Town/City: TAKOMA PARK, MD Nearest Cross Street: COLUMBIA AVENUE
 Lot: 15 Block: 19 Subdivision: _____
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PART ONE: TYPE OF PERMIT ACTION AND USE

1A. CHECK ALL APPLICABLE: 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: \$ 10,000.00
 1C. If this is a revision of a previously approved active permit, see Permit # _____

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Charles James Puskar II 3/1/00
Signature of owner or authorized agent Date

Approved: _____ For Chairperson, Historic Preservation Commission
 Disapproved: _____ Signature: _____ Date: _____
 Application/Permit No.: _____ Date Filed: _____ Date Issued: _____

SEE REVERSE SIDE FOR INSTRUCTIONS

4

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REQUIRED DOCUMENTS MUST ACCOMPANY THIS APPLICATION.**

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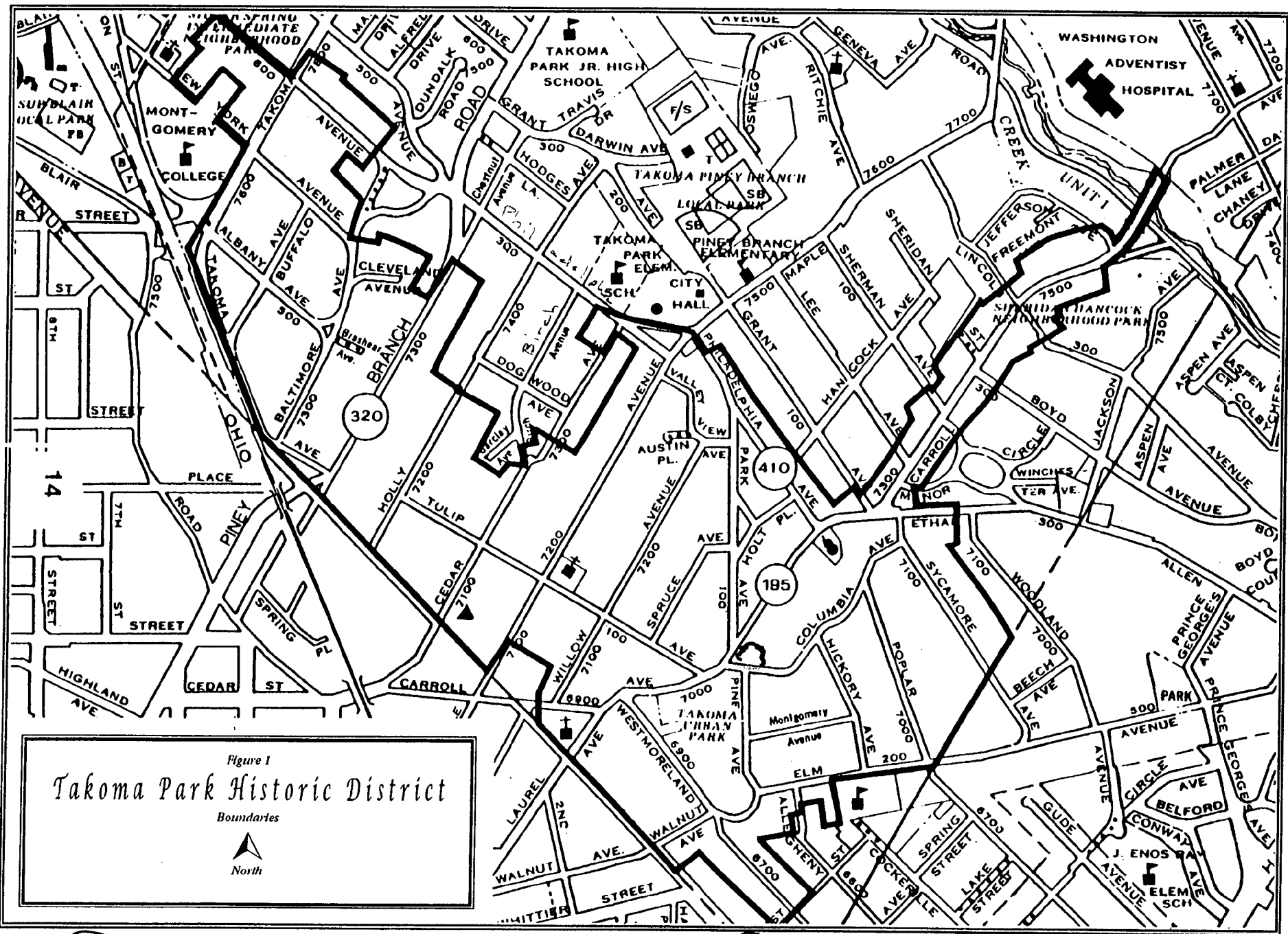
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5



Everything You Want to Know Kroy Building Products Vinyl Fencing

What is Kroy's product made of?

The base ingredient is rigid PVC (polyvinyl chloride) Homopolymer compound with a high level of Titanium Dioxide pigment for long term, ultraviolet (UV) light resistance and impact modifiers for superior strength. The formulation is similar to that of vinyl siding and windows which have a 20 year history of providing long term durability and structural integrity.

What is virgin vinyl?

This is 100% new vinyl with UV inhibitors and impact modifiers throughout the entire product.

Will the vinyl yellow?

No. Kroy's vinyl products contain titanium dioxide (TiO₂) which prevents ultraviolet degradation. All of Kroy's white vinyl products carry a lifetime, transferable warranty against discoloration.

Will the product break in cold or hot weather?

As with most plastics, vinyl will become less flexible in colder weather conditions. However, unless subjected to unusual impact, it will not break. It is normal for vinyl materials to expand and contract during temperature changes. Our products have been engineered to accommodate normal temperature swings.

Why no dark colors?

TiO₂ is the main ultra violet inhibitor. It is a white pigment. Therefore, it is difficult to obtain a dark color while having this significant amount of white pigment. Dark colors also retain a significant amount of heat. There is limited modern technology which will allow the heat to dissipate.

Will vinyl burn?

PVC has a flash point of approximately 900 degrees and does not easily ignite. Vinyl is classified as "Self-Extinguishing".

How strong is vinyl?

Vinyl products from Kroy Building Products have been impact modified with a chemical compound. We have tailored our formulation to meet or exceed the requirements necessary for performance of the product.

Kroy Building Products

Frequently Asked Questions

Will vinyl fencing turn yellow?

Kroy Fence products are warranted a lifetime against yellowing and have been proven to maintain their color.

Can Vinyl Fence break?

Vinyl Fencing can break if subjected to a direct impact (e.g., an automobile running into a fence line). Under normal use, the fence will not break when installed properly. Planks, pickets and rails are easily replaced if damaged.

How does Vinyl fence stand up in the wind?

Vinyl fences are designed to withstand normal wind load. The amount of load is dependent on the installation of the posts and horizontal rails. If installed according to Kroy's specifications, the fences are designed to stand up to normal wind load.

Does Vinyl Fence become brittle in winter?

As with most PVC products, vinyl will become less flexible in colder weather conditions. However, unless subjected to unusual impact, it will not break or crack. Our products have been engineered to accommodate normal temperature swings.

Does Vinyl Fence expand?

It is normal for vinyl materials to expand and contract during temperature changes. Your contractor will allow for expansions and contraction during the installation process.

How do you clean Vinyl Fence?

As with all exterior products, our fence will become dirty when exposed to the elements. A mild detergent and water should be sufficient to keep your fence or deck rail looking new. For tough stains, "Soft Scrub" or baking soda works well. Simple Green and 0000 steel wool also works to clean stubborn stains.

How does Vinyl Fence hold up to weed eaters?

As with all PVC and wood products, direct contact with lawn and garden equipment can cause damage to the posts. Use caution when operating any type of equipment new fence posts, especially commercial trimmers, which are more aggressive.

Do you cement the posts?

We recommend that you treat vinyl posts the same as you would wood posts. If it is common and normal to cement fence posts in your area, then you should cement the vinyl posts.

How big should the hole be if I'm cementing the posts?

A good rule of thumb is dig the hole twice the diameter of the post and put cement to within two inches of the top of the hole.

What is the warranty on Kroy's Vinyl Fence?

All of Kroy's products carry a transferable, lifetime warranty (except their Gold Series Ranch rails which carry a 20 year).

Will Kroy's Vinyl Fence fade?

Under normal use, no. All Kroy's products are warranted against fading.

Will Kroy's Vinyl Fence crack, chip, peel or rot?

During the life of the product you should not expect to find surface cracking, peeling, chipping or rot.

Will it mildew or collect mold?

Vinyl products will, when subject to extended damp weather, collect mold and mildew. They are, however, easily cleaned with a solution of mild household detergent and water.

What is the cost of the product compared to wood?

The cost of products, if compared to a similar wood product (e.g., #1 grade clear cedar or redwood with #1 grade, free of heart fence posts, then add paint preparation including sanding, priming and painting), is amazingly similar.

Can you use it as a porch or guard railing?

When properly designed, Kroy vinyl products make a very stable porch and deck rail system designed to use at ground level and on balcony applications.

Can you make gates from the product?

Gates can be made from the same material you use in the fence or railing. See your local professional for gate fabrication.

Can I get custom styles made?

Virtually any style that can be made out of wood or ornamental iron can be made out of vinyl. The styles are only limited by your imaginations. Your local dealer/contractor has a wide variety of styles available to you.

How high can I make the fence?

This question is better left to your local dealer. It is, however, recommended that any fence over 6' tall have the posts reinforced. Always check with local building codes.

How long will it last?

Vinyl fences from Kroy Building Products are designed to last a lifetime. They are backed by the industry's only transferable, lifetime warranty.

Is Vinyl Fencing maintenance free?

Vinyl Fencing does require a limited amount of maintenance. Under normal conditions this maintenance is in the form of annual washing of the fence to keep it looking new.

Is the fence graffiti proof?

Although not classified as graffiti proof, vinyl fencing is easy to clean and paint comes off with just a little effort. It may require the use of a pressure washer or in extreme cases, the use of paint thinner. 400 grit sandpaper can be used when some spots will not come off using the above methods.

Single Wall Extrusion and Co-extrusion

Over the years there has been a notable amount of confusion about the types of extruders and extrusion processes manufacturers have been using. In the early days of fence extrusions, PVC pipe companies started using single head pipe extruders with modified tooling to make the fence profiles. As vinyl fencing became more and more popular, new, state of the art extruders were purchased with custom built tooling designed exclusively for the fence industry. The overwhelming majority of these new machines were configured as co-extrusion lines. Kroy Building Products, Inc. has the benefit of more than 40 years of PVC extrusion experience, including co-extrusion. The co-extrusion process, when done correctly, imparts exactly the preferred properties to the top layer and to the inner core of material.

Kroy Building Products, Inc. does not use industrial recycle of off grade products in its standard product line. Our product is 100% "virgin" PVC with the exception of our Gold Series line which is based on utilizing recycled materials.

In the PVC fence manufacturing business in the United States, two fundamental types of extrusion processes are used to produce fence profiles:

Single wall extrusion is the traditional method used to produce all types of extrusions such as pipe, fence structural shapes and window profiles. This process has been used since PVC became a viable engineering polymer in the late 1930's. It simply means that a single type of compound is extruded by a single extruder and shaped into the desired profile.

Co-extrusion, by definition, is two or more polymer compounds which are extruded by two or more extruders into a common extrusion die to produce properties in the finished product which cannot be achieved by one single compound. Co-extrusion methods are the leading edge of technology for many products and provide desirable qualities which are unavailable with simpler methods. For example, co-extrusion lines produce food packaging film using five, seven or more layers of materials which impart strength, migration barriers, oxygen protection or retort (heat) capability properties which are all required for superior food film.

The vinyl siding industry converted to co-extrusion of top coat on matching colored substrate over 15 years ago.

The co-extrusion process physically melts the layers under extreme heat and pressure in the co-extrusion head to form an integral plastic stream. In a two layer, two extruder fence extrusion, the co-extruded layers are forced together under vacuum at about 3,000 psi and around 400 degrees F. temperature. The two layers are both physically bonded and cross linked by polymer chains to form an inseparable stream.

In the PVC fence industry, consumers have been led to believe that co-extruded profiles are somehow inferior to single extruded profiles. The very opposite is the case. The co-extrusion manufacturer must invest in two extruders and in expensive co-extrusion tooling to produce his co-extruded product. This enables the manufacturer to engineer both capstock and substrate physical properties to produce an equal or better product.

Definitions

Inside Core (Substrate) – A stronger and better product than before and better than the competition's

Our inner core is typically color matched to the capstock. Some of the competition will put just about anything in the core that will run out the other end of the extruder.

The inner core has less titanium oxide than the outer core because it is not required due to the shielding provided by the outer core. The inner core has approximately the same formula as surface pipe and will not yellow. Less titanium oxide means a stronger product (i.e., surface pipe has a lower burst point than regular PVC of the same thickness). Because we use less titanium oxide in the substrate, we feel we have a stronger product than a single extrusion.

Outer Core (Capstock) – Our capstock is typically .015" to .035" thick while some of the competition's is only .006" to .008". Our capstock is thicker resulting in a more durable product that resists damage from abrasion or other damage that can penetrate the top coat of our competitor's

Stabilizers – Stabilizers stabilize the heat, processing, and long term color and protect the product. When the product is being extruded it "greases the skids", making a more uniform product. Our stabilizer is one of the most expensive used in the extrusion industry and is the same as materials used by many extruders in the siding industry. Some manufacturers use regular pipe stabilizers (cheaper and less effective).

As a comparison - Pipe Stabilizer sells for \$1.15/lb.
- Profile Stabilizer sells for \$5.60/lb.

Impact Modifiers – Reduce breakage and cracking and are dispersed for uniform color and aid in color retention. We use Acrylic impact modifiers. Many of our competitors use CPE (a less expensive and less effective "chlorinated polyethylene").

Titanium Dioxide – We use a special, more expensive TIO₂ that protects the long term characteristics better than the competitor's.

Summary

In summary, co-extruded fence products made by a quality manufacturer are to be desired rather than avoided. The quality of any PVC fence system is only as good as the quality standards of the manufacturer and the issue of co-extruded profiles vs. single extrusion profiles is only so much "sales" talk promulgated by those who choose not to use the most advanced technology for production.

Kroy Building Products, Inc. uses both methods of extruding their product depending on the application. Kroy's regular products manufactured by them carry their lifetime, transferable warranty. Kroy is able to offer this assurance of quality because they use only the highest quality ingredients in their product and best method of extrusion available. Their Gold Series products, which are based on recycled materials, carry a 20 year warranty.

Kroy Building Products

Vinyl Fence Care and Cleaning

It's easy to maintain the beauty of Vinyl Fencing.

Vinyl fence comes closer being totally maintenance free than any other fence on the market today. It will become dirty just as does a freshly painted house or a new automobile or any other product which is exposed to atmospheric conditions. With very little effort you can keep your vinyl fence clean. Although the fence will get dirty, like anything else exposed to the elements, a heavy rain will do wonders in cleaning it. Or you can wash it down with an ordinary garden hose. If neither rain nor hosing does a satisfactory job, just follow these simple instructions:

Normal Maintenance

1. Get an ordinary, long handled car washing brush at your auto supply store. This brush has soft bristles and the handle fastens onto the end of your garden hose. It lets you wash the fence just like you wash your car.
2. If the dirt is hard to remove, such as soot found in industrial areas, wipe down the fence with a solution made up of the following:
1/3 cup powder detergent (e.g., Tide, Fab or equivalent powder detergent)
2/3 cup household cleaner (e.g., Soilax, Spic & Span or equivalent*)
1 gallon of water
3. If mildew is a problem in your area, use the solution above but substitute 1 quart of liquid laundry bleach for 1 quart water.
4. If you want to wash down your fence, start at the bottom and work up to the top in order to prevent streaking.
5. If stubborn stains exist, use the following chart. Follow the precautionary labeling instructions on the cleaning agent container. Protect shrubs from direct contact with cleaning agents.

*Reference to proprietary names is for illustrative purposes only and is not intended to suggest that there are not equally effective competitive products.

COVER PHOTO
▲ Railing K43
▲ Closed Picket with alternating Pickets K85, K43.

K36A
▲ Solid Privacy With Alternating Slats



K25
▲ Closed Ornamental

19



▲ Solid Privacy

↓ proposed design ↓

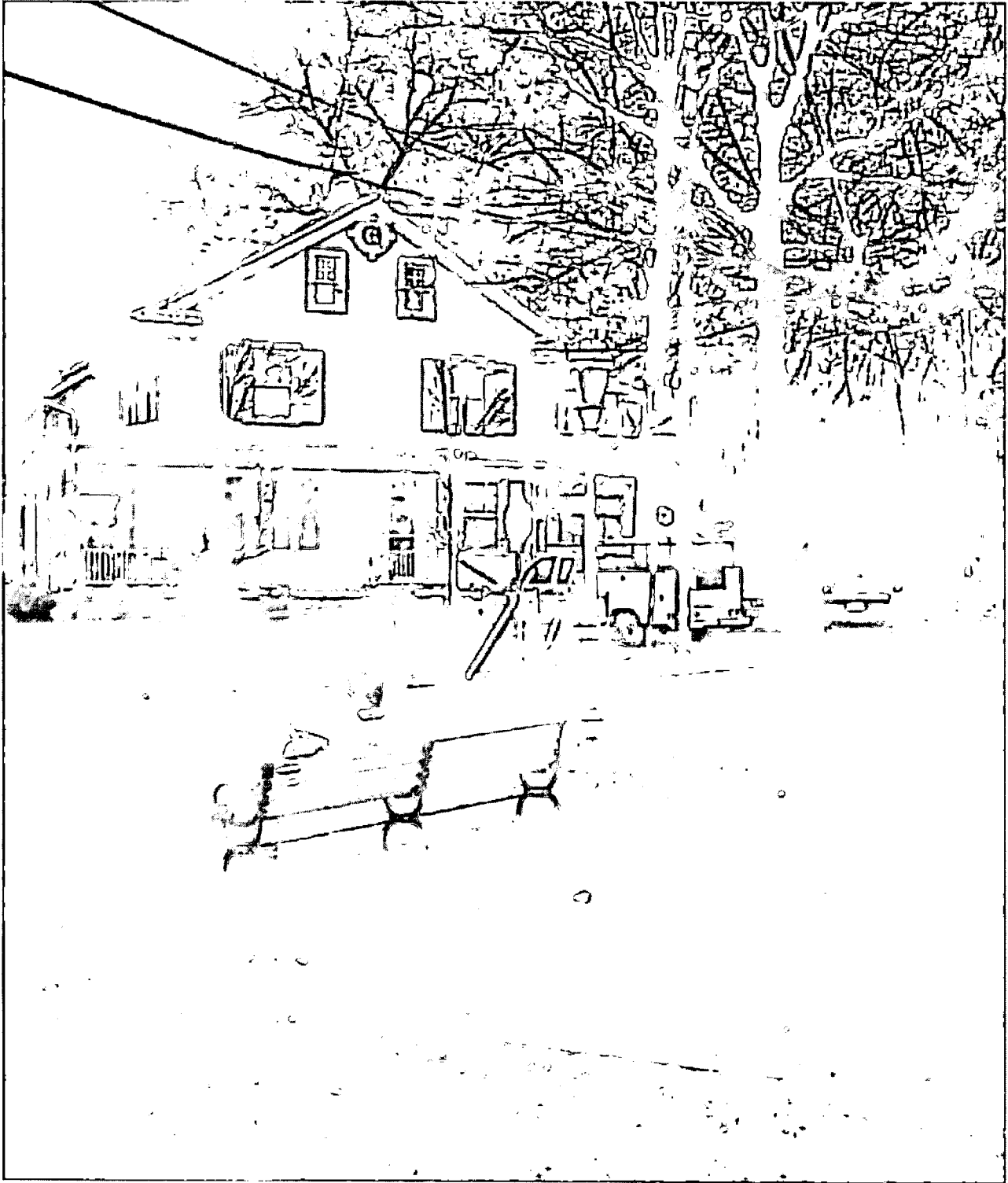
K28D



→

SECURITY AND SAFETY

#12



7105 Carroll Avenue

17

3

Existing Rear Fence
7105 Carroll Avenue



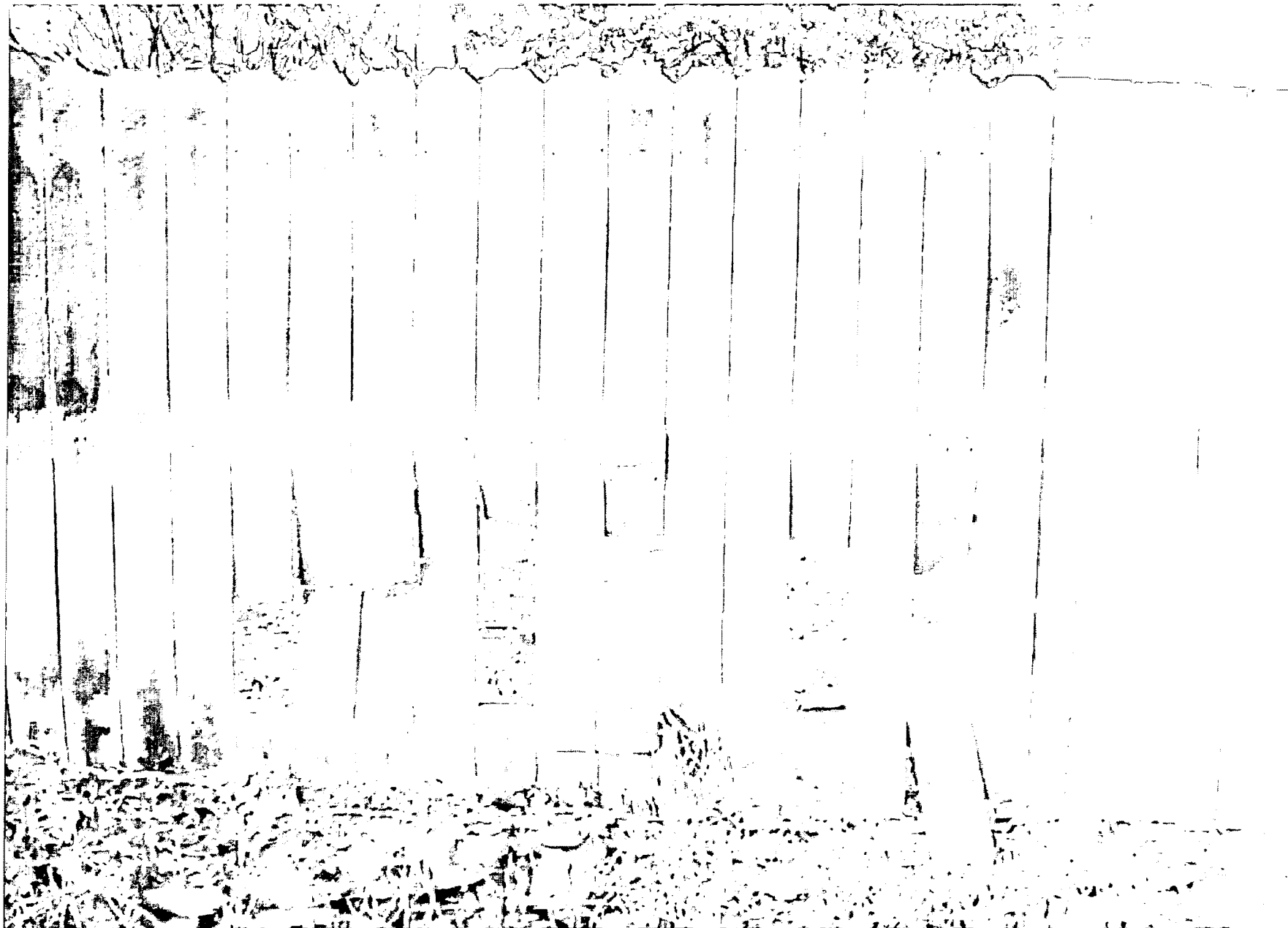
2
C

18

Columbia Avenue

↑ 7107 Carroll Avenue

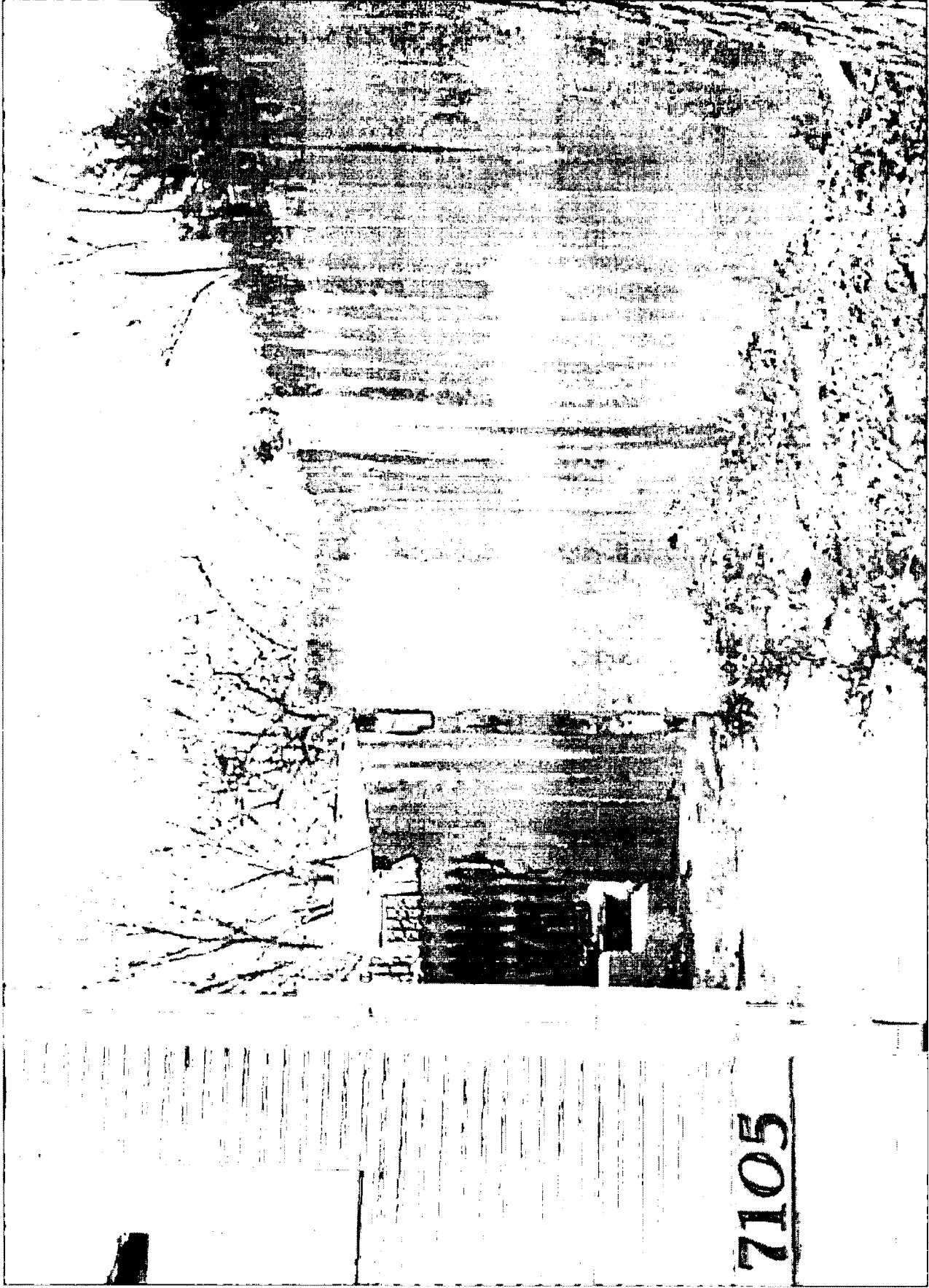
II-4



19

Existing fence

6



20

Existing fence

#6



21

Interior of existing fence

#7



Interior Corner of Existing Fence

22

7105 CARROLL AVE



Casual User Application

Note:
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 Property lines are compiled by adjusting the property lines to topography created from aerial photography and should not be interpreted as actual field surveys. Planimetric features were compiled from 1:14400 scale aerial photography using stereo photogrammetric methods.
 This map is created from a variety of data sources, and may not reflect the most current conditions in any one location and may not be completely accurate or up to date. All maps features are approximately within five feet of their true location. This map may not be the same as a map of the same area plotted at an earlier time as the data is continuously updated. Use of this map, other than for general planning purposes is not recommended.
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MONTGOMERY COUNTY DEPARTMENT OF PARK AND PLANNING
 THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
 1111 Carroll Avenue, Silver Spring, Maryland 20910-3701



Scale: 1" = 100'

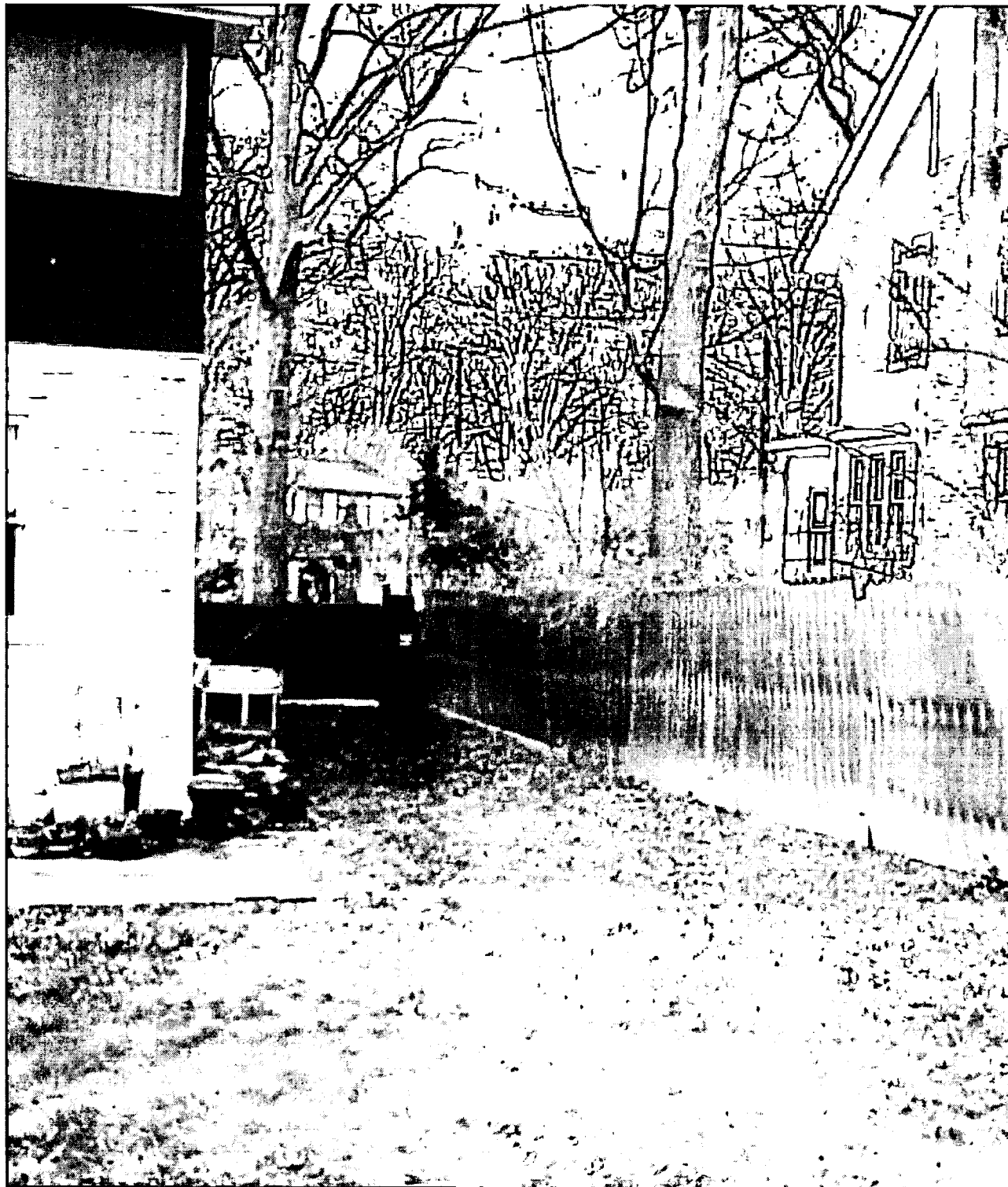
Legend

- Street Centerline
- Text
- 2017 Map Text
- 2017 Map
- Buildings
- Bridges
- County Boundary
- Tracked Lane
- Intersections
- Canals
- Field Area
- Pool
- Pavement Hydrogen
- Perimeter
- Hydrology - Line
- ROW
- Hydrology - Poly
- Natural Features
- Wetland
- Porch

#2



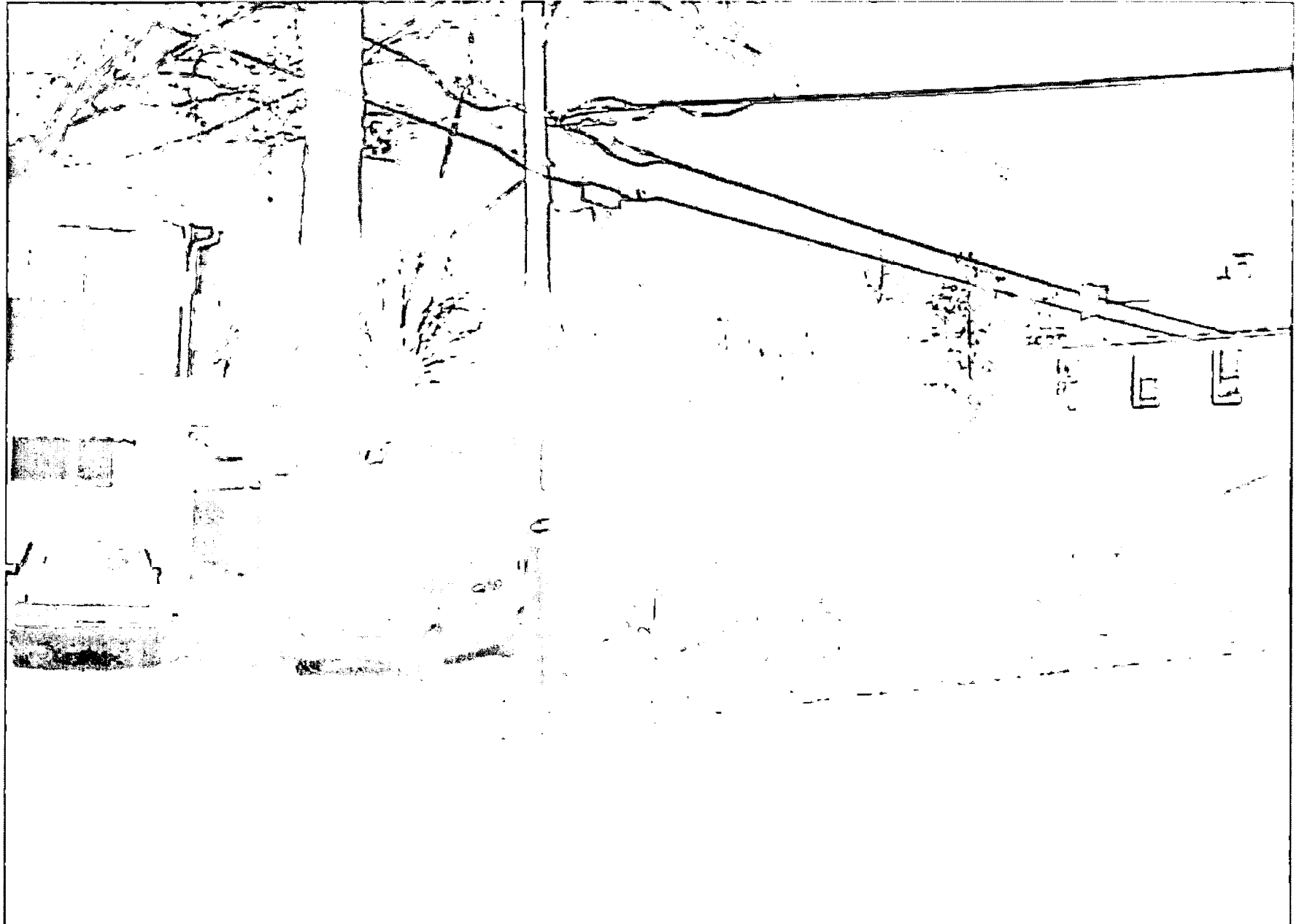
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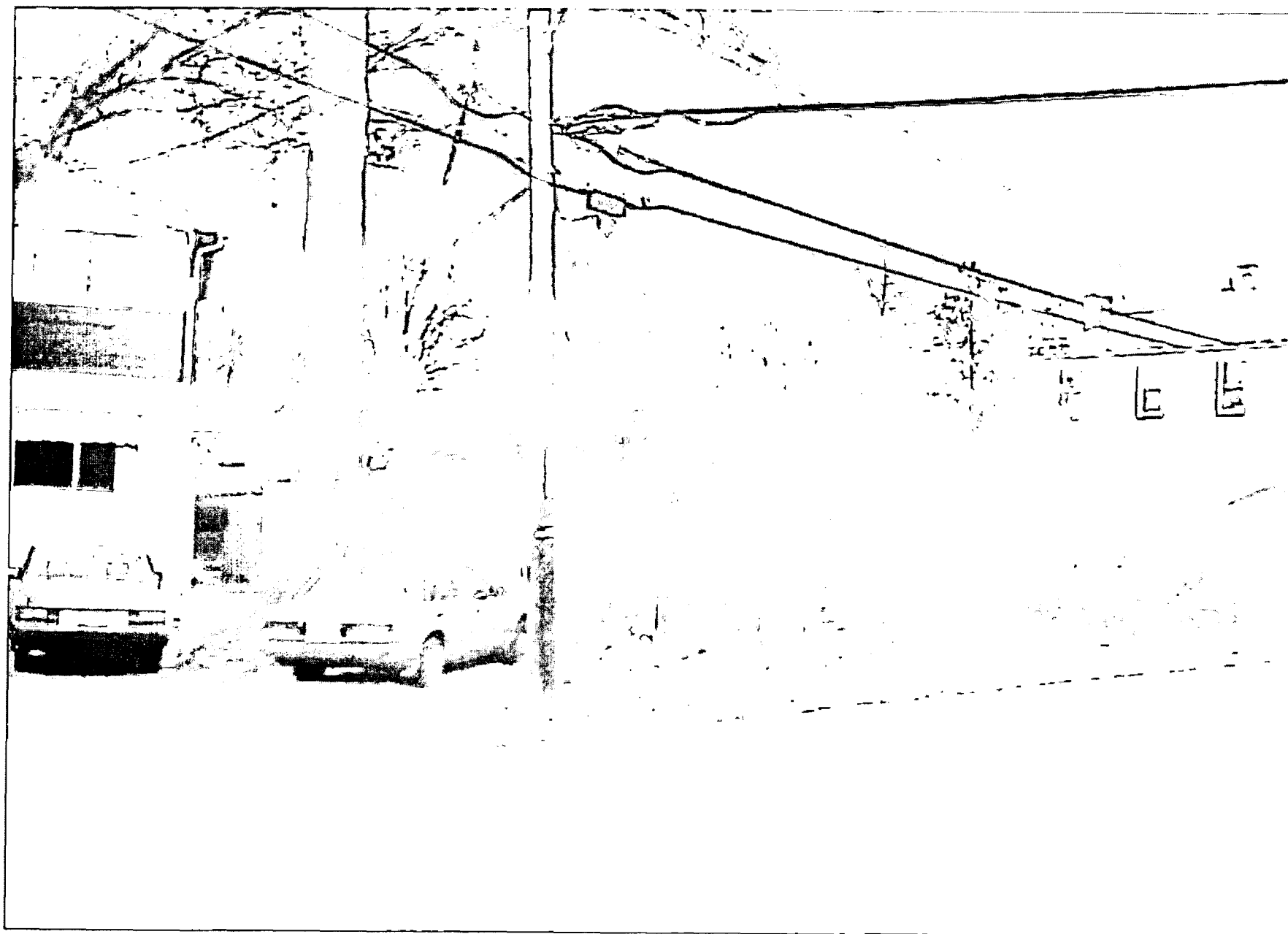
#11



11



#1

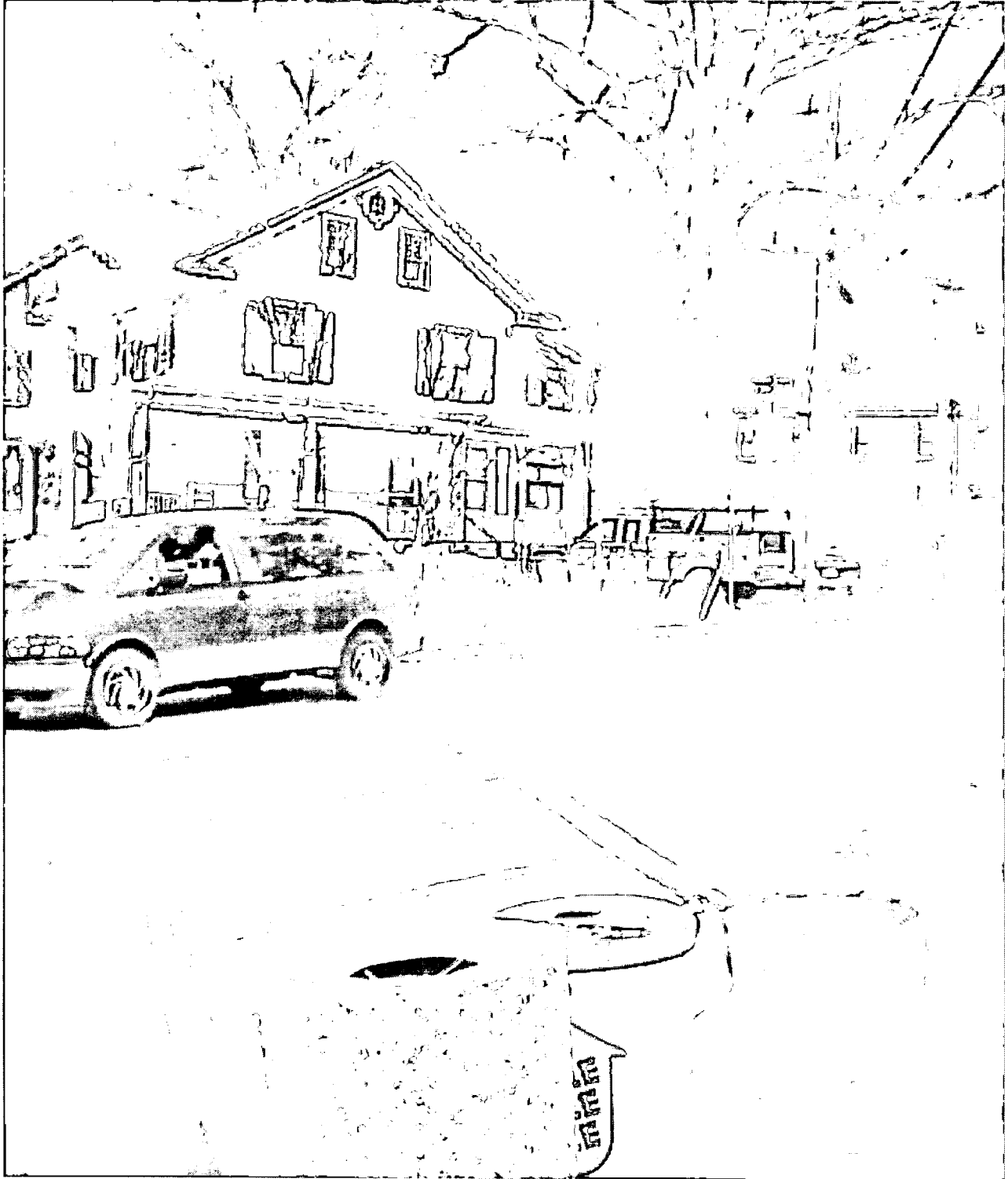


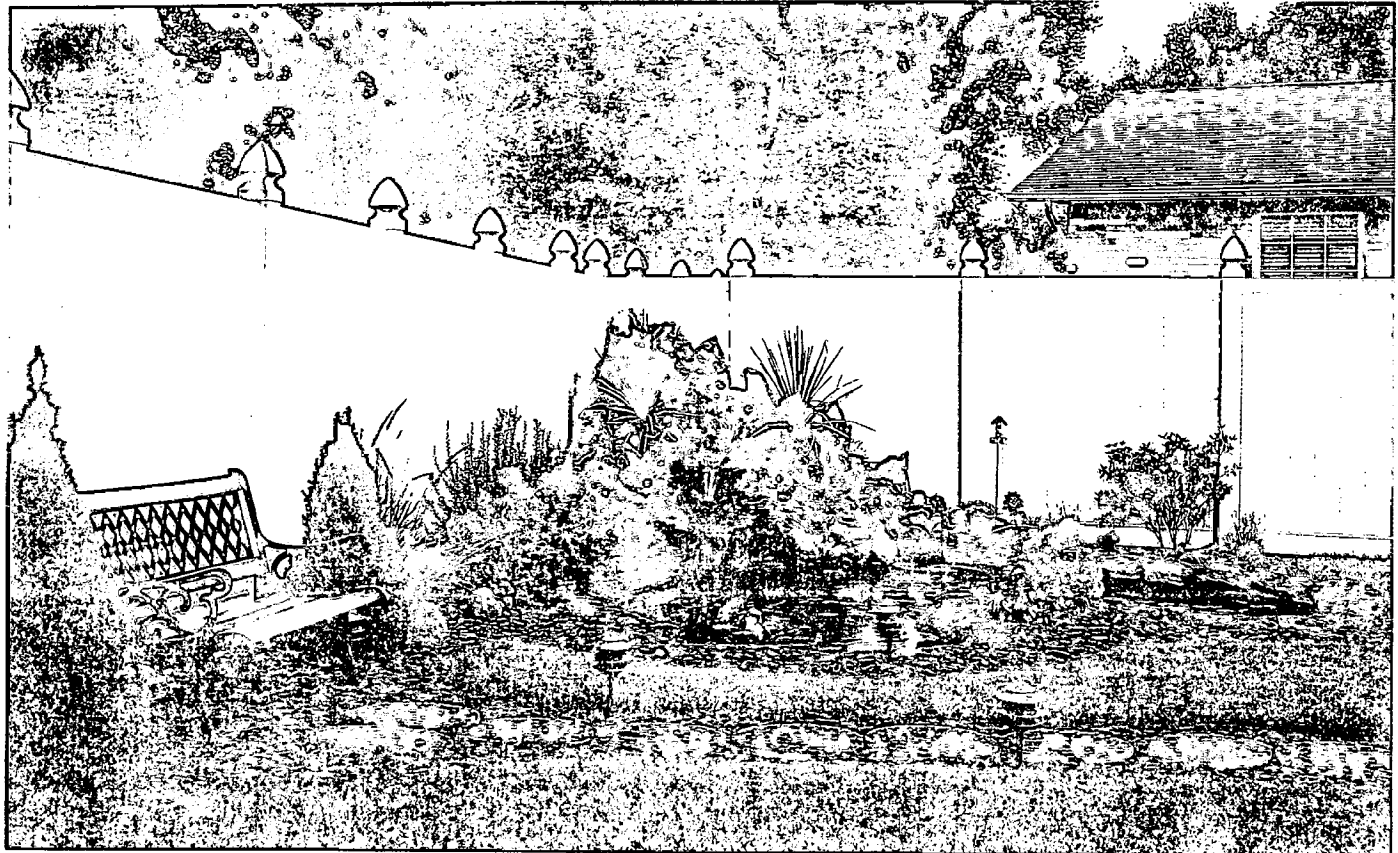
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10





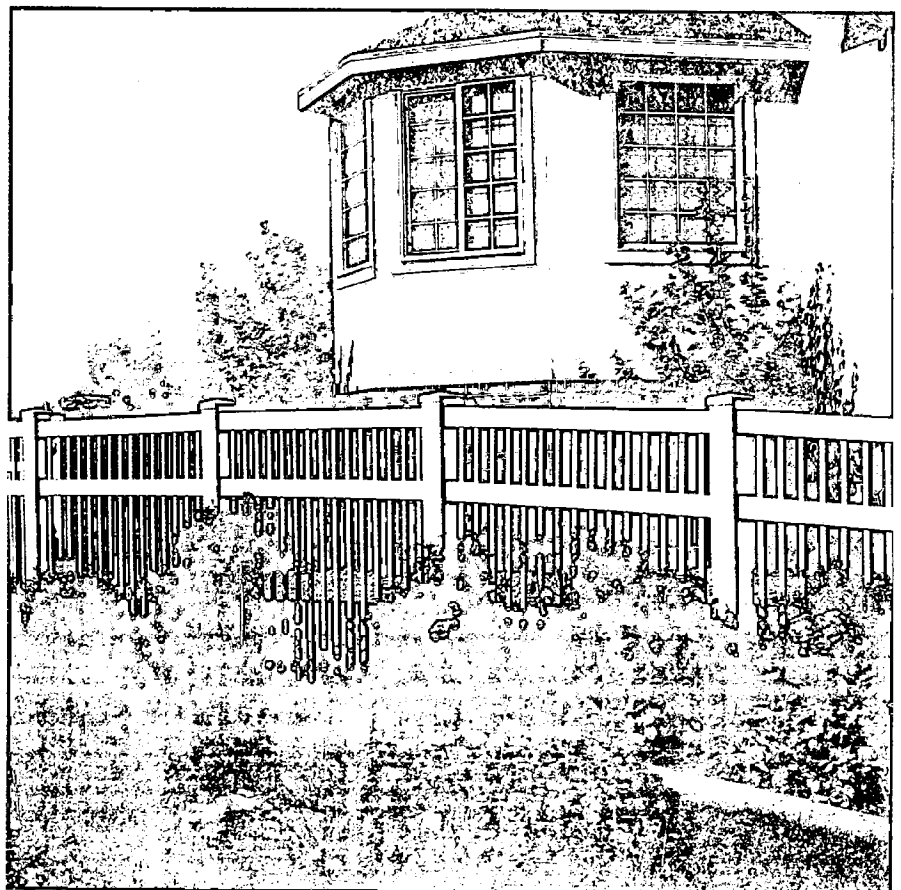
K28D

▲ Solid Privacy



K36A

▲ Semi Privacy With Alternating Slats



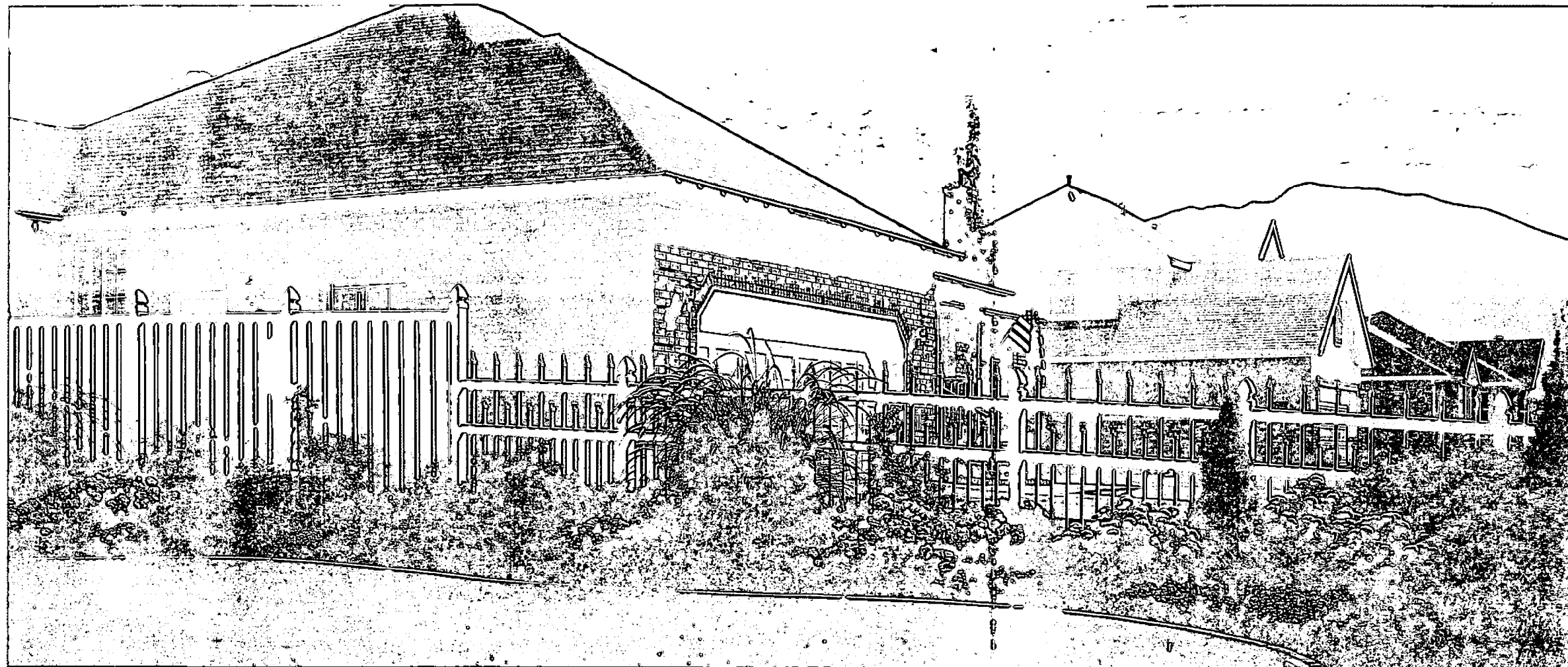
K25

▲ Closed Ornamental

COVER PHOTO

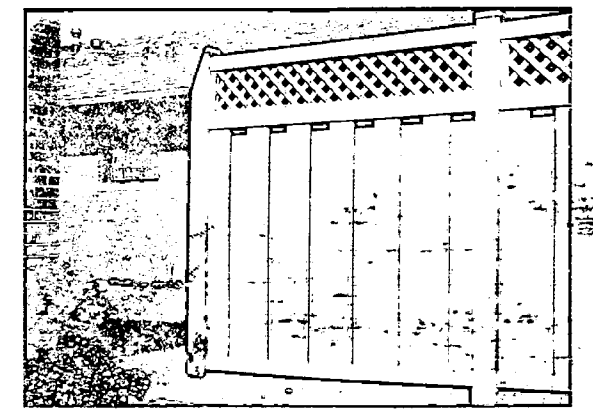
▲ Railing K43

▲ Closed Picket with alternating Pickets K85, K43.



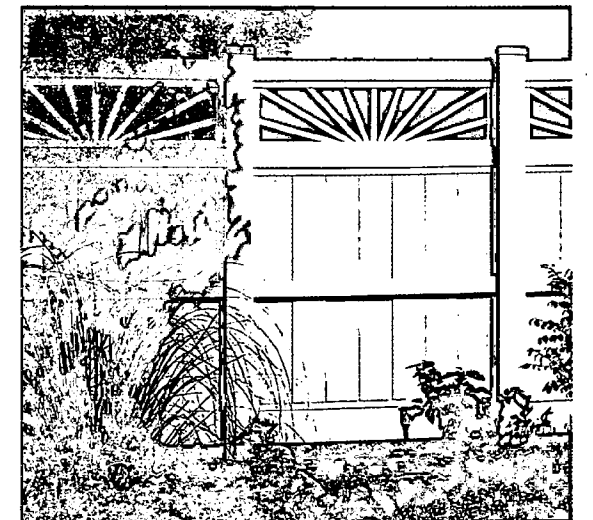
K28E, K47

▲ Combination Privacy & Ornamental



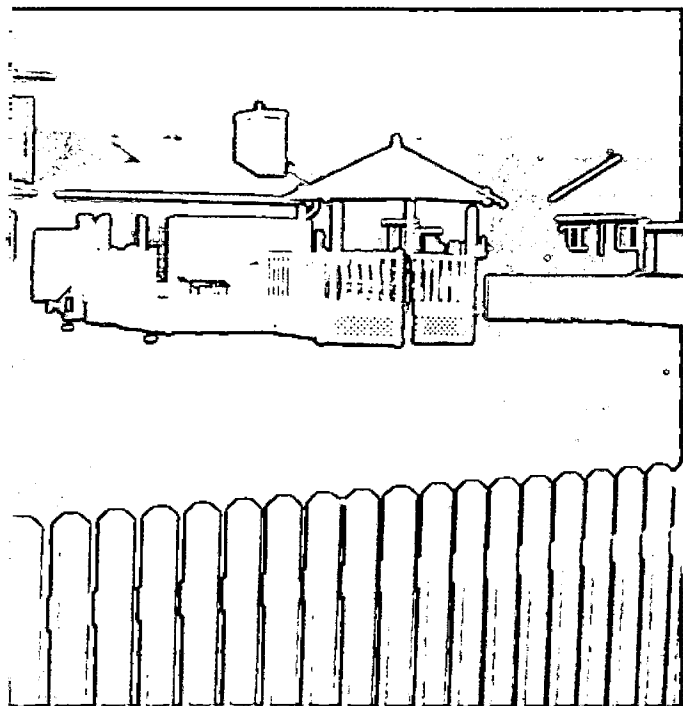
K34

▲ Tan Shadow Box Privacy With Lattice

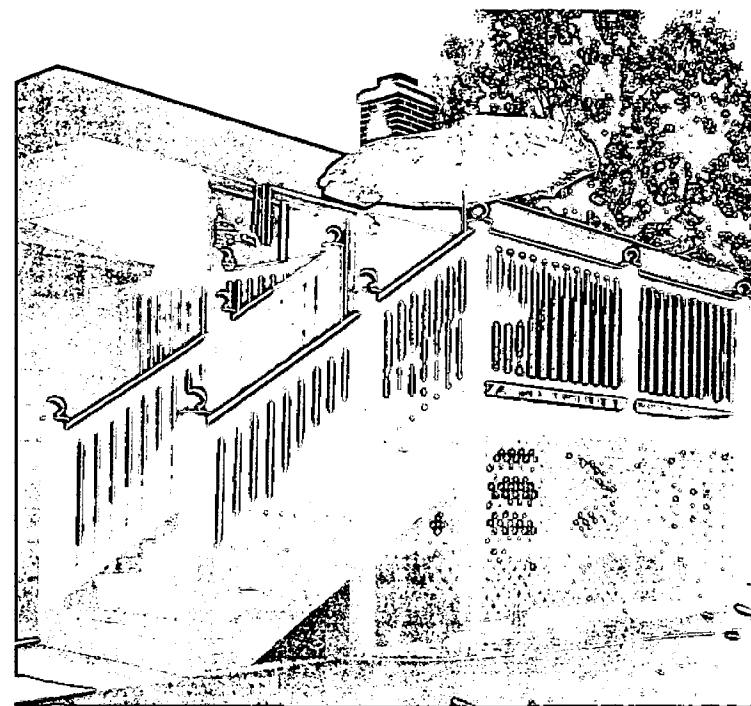


K30F W/O TN & G

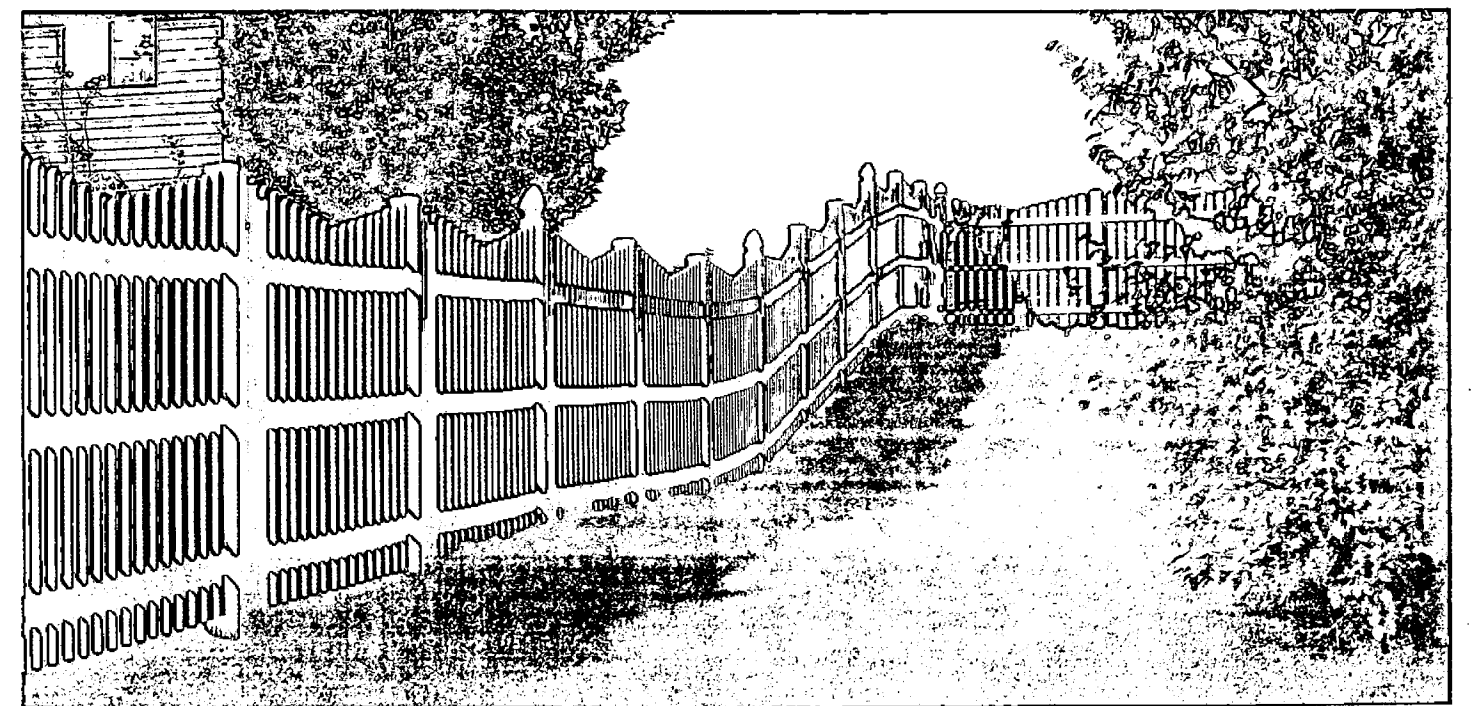
▲ Privacy With Sun Burst Design



▲ Straight Picket Plus Vinyl Deck & Gazebo

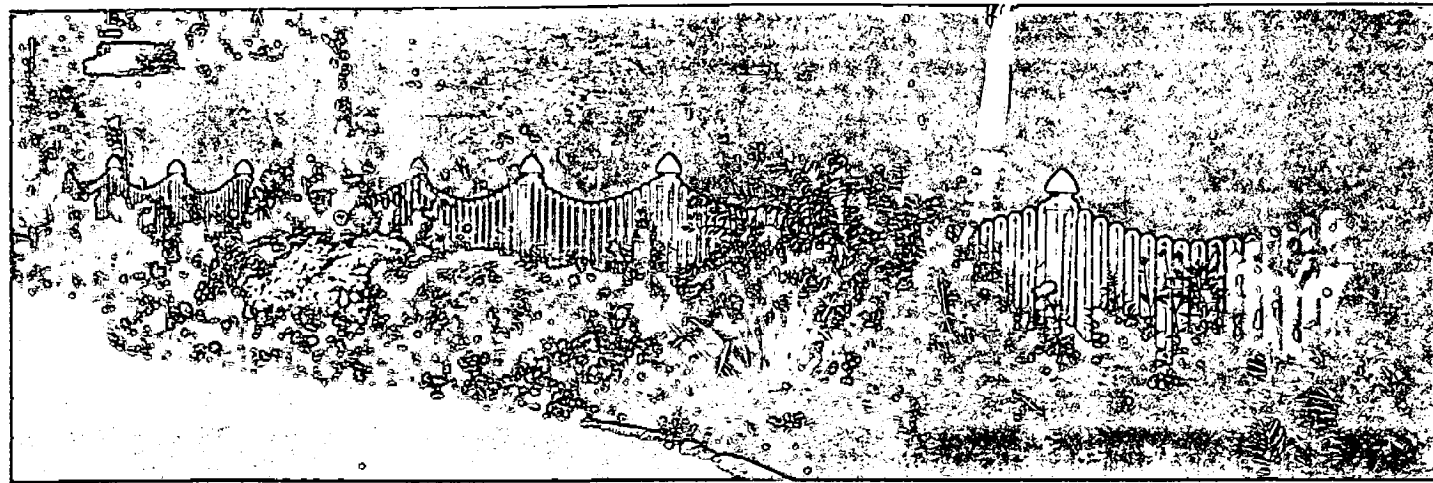


▲ Tan Closed Picket Railing, Deck & Lattice



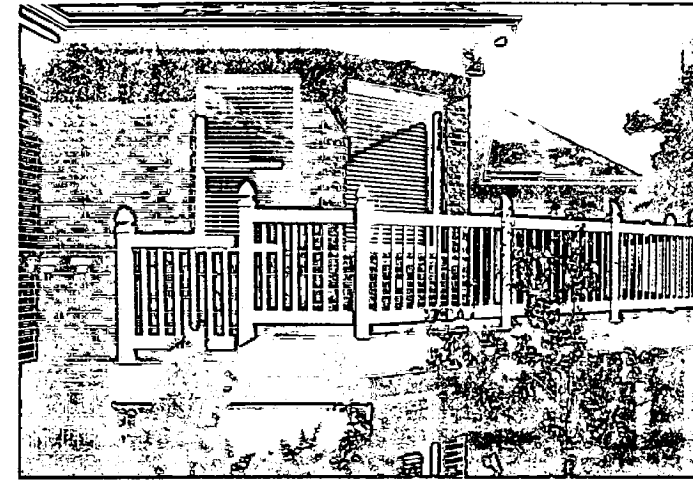
K13 MODIFIED TO 6 FT. W/MIDDLE RAIL

▲ Scalloped Picket With Alternating Gothic Post Caps



K06

▲ Scalloped Picket



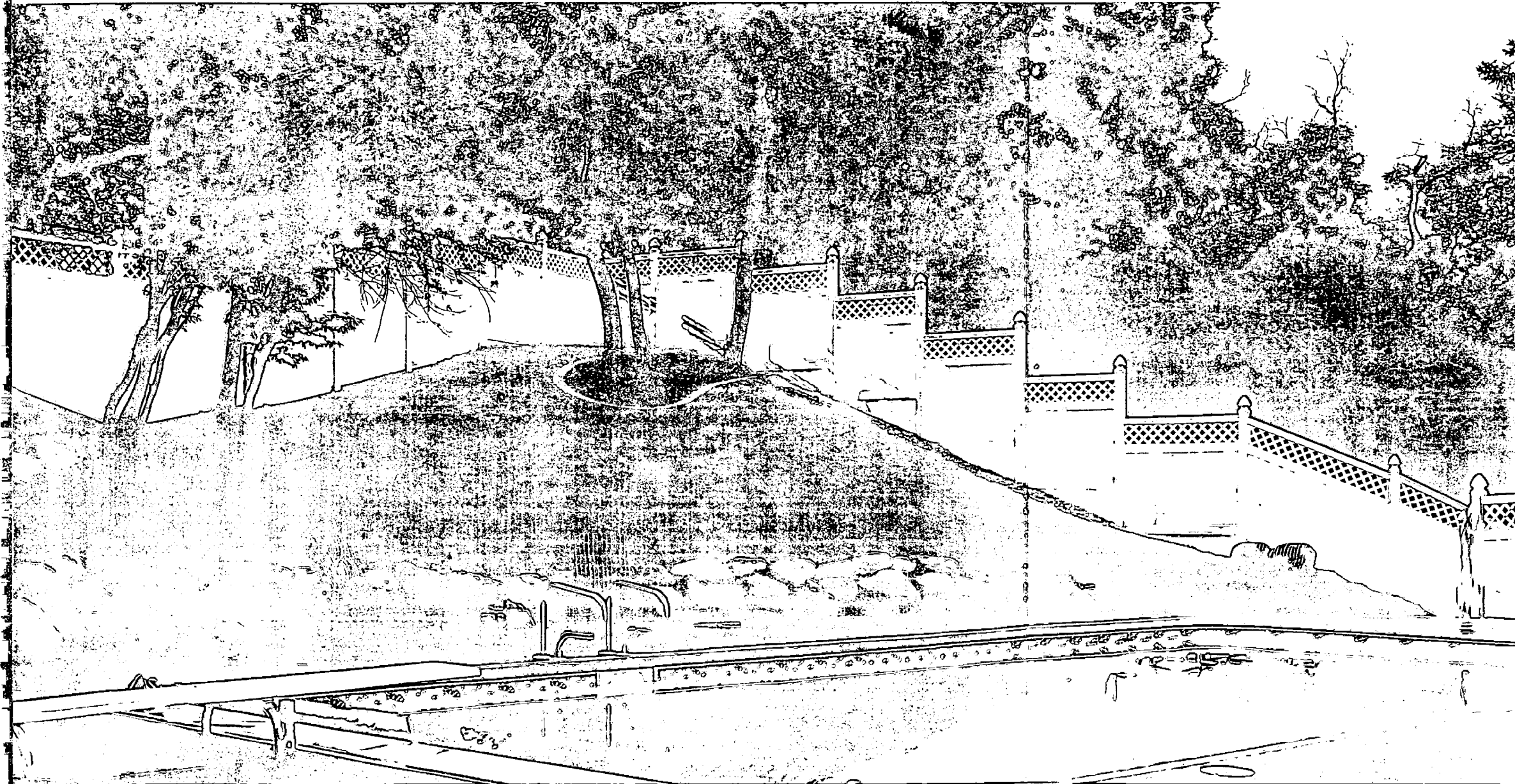
K43B

▲ Deck Railing



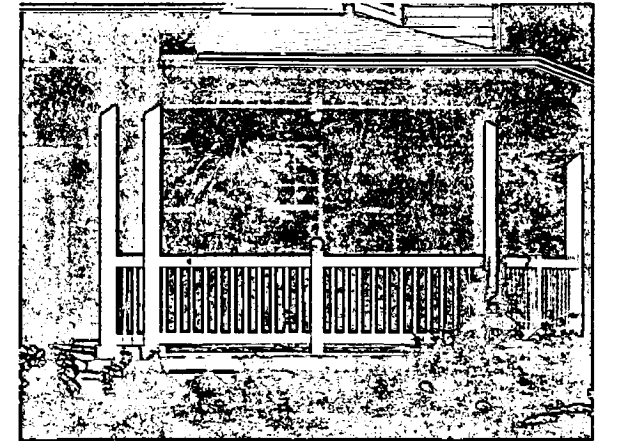
K40A

▲ Basket Weave



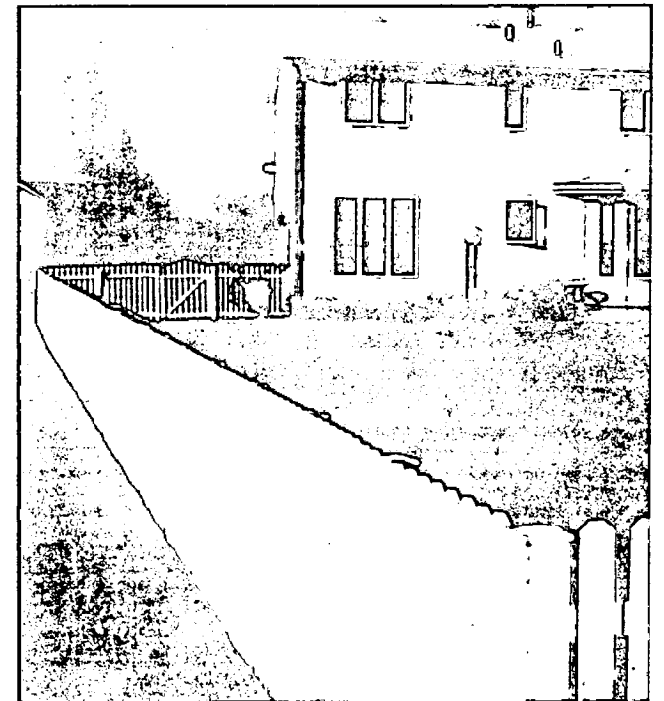
K31B

▲ Privacy With Lattice, Raked & Stepped To Follow Contour



K43B

▲ Porch Railing

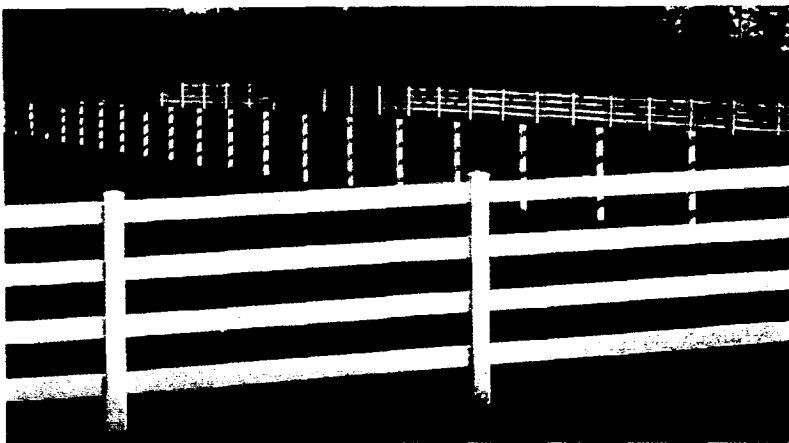


K01



K19

▲ Routed Three Rail



K20

▲ Routed Four Rail



K18

▲ Routed Two Rail



Manufacturers of Fine Vinyl Products

1-800-833-9310

842 Rt 3 North

Gambrills, MD 21054

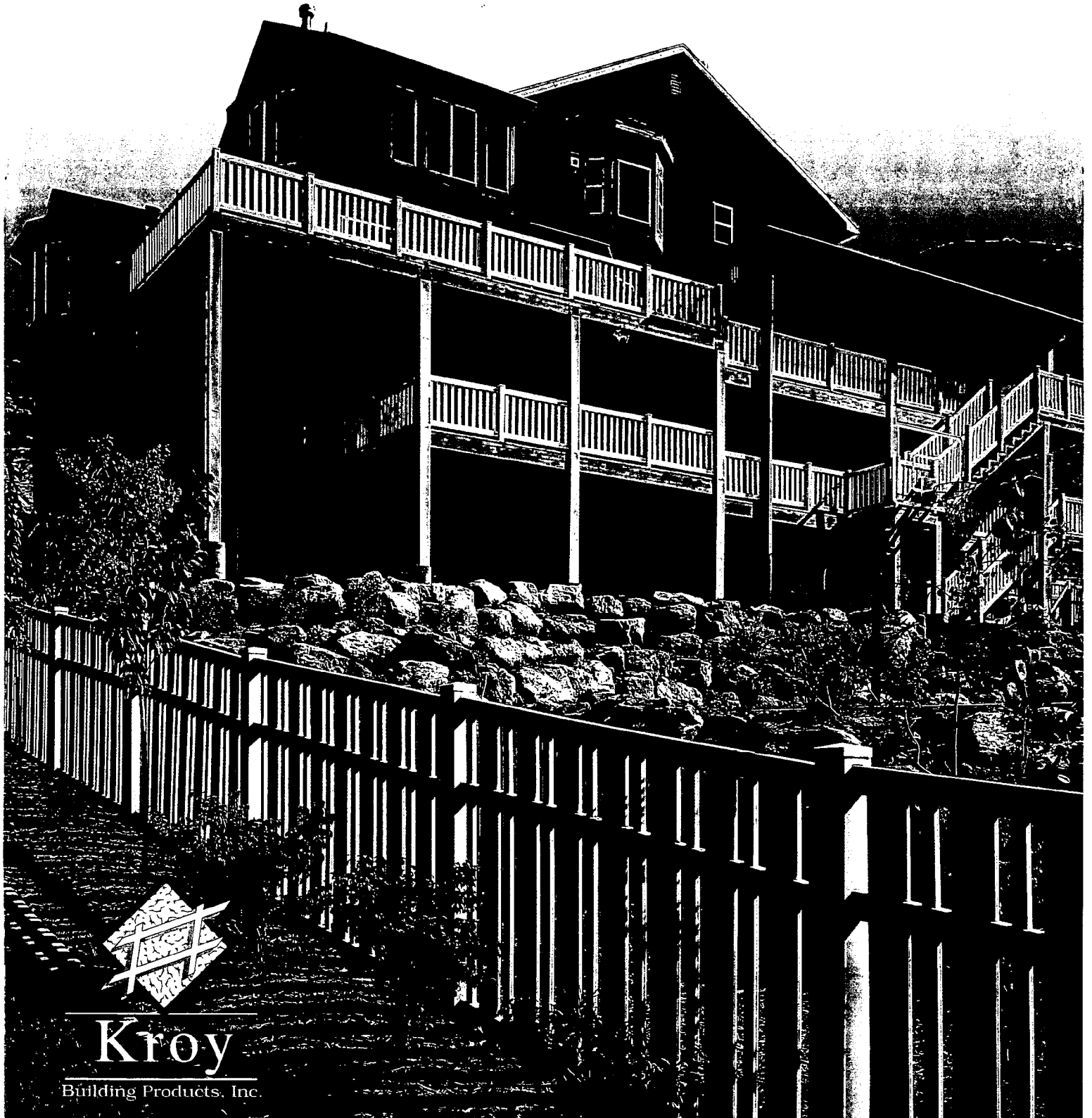


Kroy

Building Products, Inc.
Web Site: www.kroybp.com

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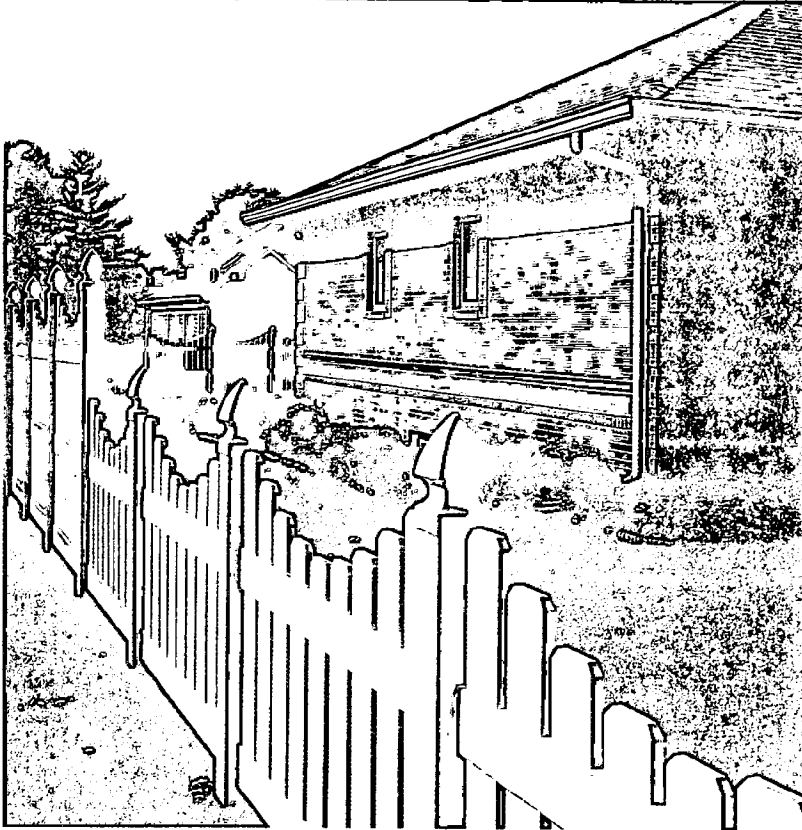
KROY VINYL RAIL & FENCE SYSTEMS



Kroy

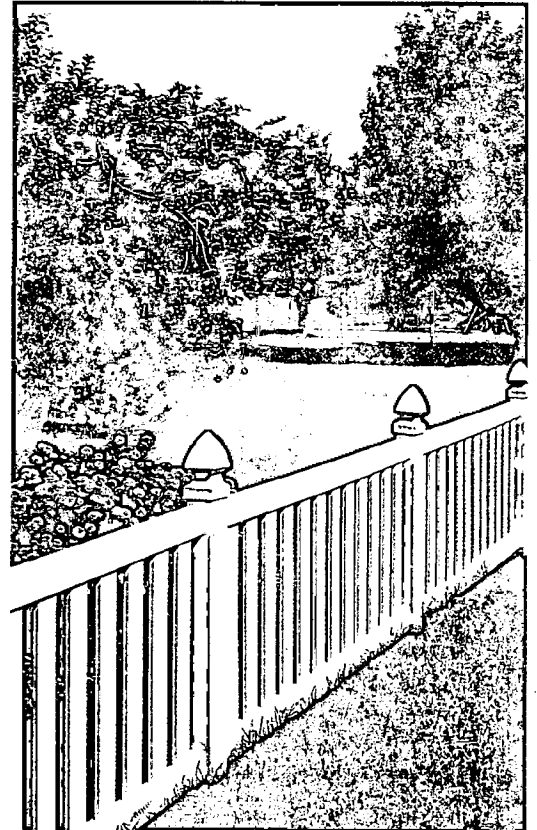
Building Products, Inc.

TRADITIONAL & CUSTOM BUILT



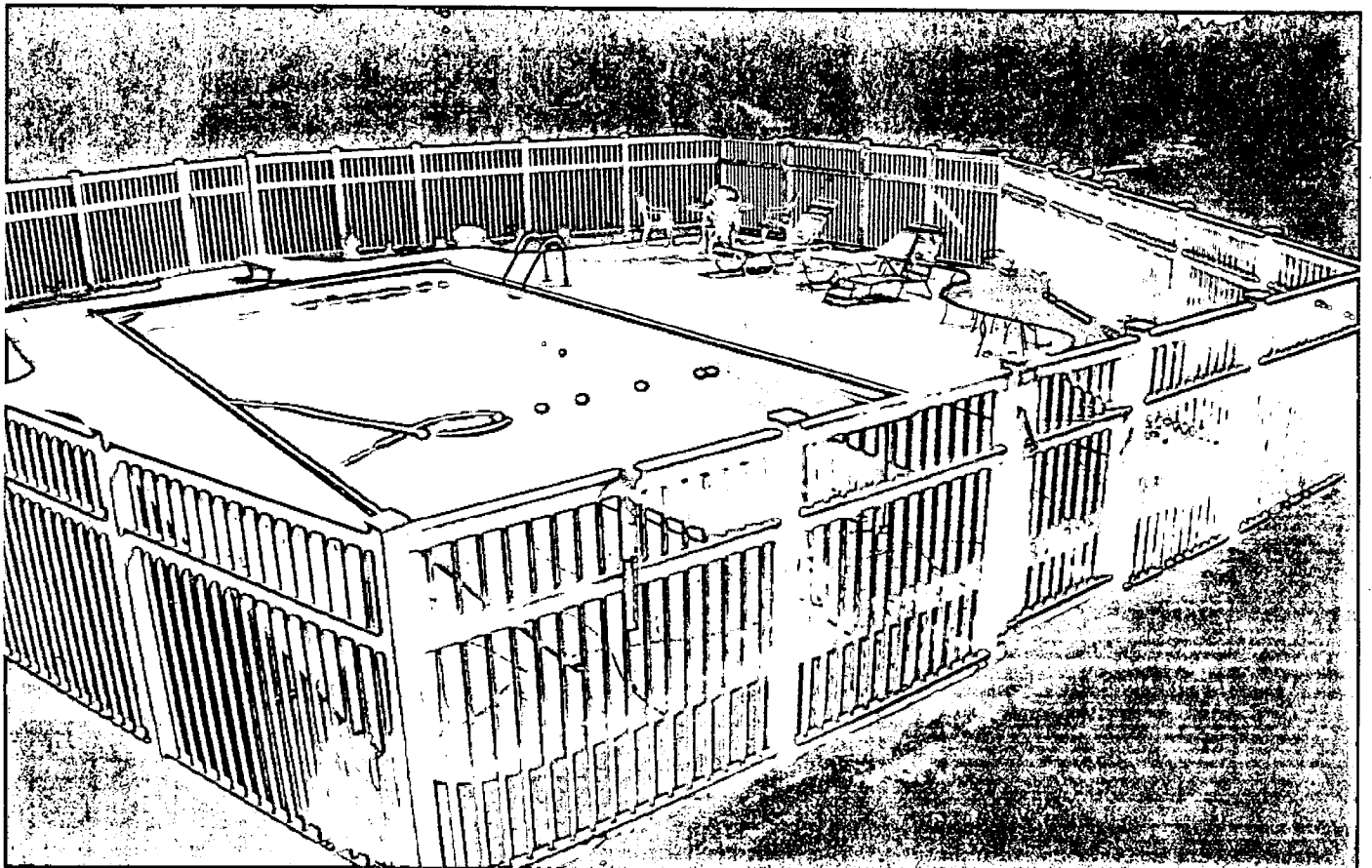
K58

▲ Scalloped Picket & Semi Privacy



K16

▲ Closed Picket



K25

▲ Closed Ornamental

HAWP ap
for 3/22
photo etc here
by 3/3