













June 24, 2002

Historic Preservation Commission 1109 Spring Street, Suite 801<br>Silver Spring, Maryland 20910

## Re: Gothic Dairy Barn/Lawrence White Farm <br> Roof Maintenance Project <br> 20900A Martinsburg Road <br> Dickerson, Maryland 20842

Dear Commission Members:
This correspondence is to provide information on upcoming maintenance planned to occur on the referenced property.

Since the completion of the renovation of this structure (Case Number 12/31-97A), several small leaks have been discovered in the Gothic Barn's roof. On or about July 2002, a project to maintain the standing seam metal roof will begin.

Fitzgerald Heavy Timber Construction, Inc. (Fitzgerald) of 10801 Powell Road, Thurmont, Maryland will clean and repair areas of the roof where standing seams are inadequately fastened or otherwise not weather tight. Fitzgerald will then apply a surface coating to preserve and restore the appearance of the standing seam metal roof. The surface coating product will be AcryMAX® reinforced elastomeric membrane coating from Preservation Products of Media, Pennsylvania. The color will match the existing roof color. The product is meant to "form a durable, weatherproof fully reinforced elastomeric membrane ... on standing seam 'tin' roofs" according to the manufacturer and improve the appearance of the standing seam metal roof.

My understanding is that since new construction, demolition or exterior alterations are not involved in this maintenance project, a Historic Area Work Permit is not required.

Enclosed please find information regarding the AcryMAX® product and Fitzgerald Heavy Timber Construction, Inc. If you have any questions, please contact me in Annapolis at (410) 974-7254.


Enclosures (2)




## MEMORANDUM

TO: Robert Hubbard, Chief Division of Development Services and Regulation Department of Environmental Protection (DEP)
FROM: Gwen WRIGHT, Historic Preservation Coordinator Design, Zoning, and Preservation Division M-NCPPC

SUBJECT: Historic Area Work Permit

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

Approved
Denied
Approved with conditions:

THE BUILDING PERMIT FOR THIS PROJECT SHALL BE ISSUED CONDITIONAL UPON ADHERANCE TO THE APPROVED HISTORIC AREA WORK PERMIT (HAWS).
applicant: MONTGOMERY COUNTY/MICHAEL PROEFITT

***THE APPLICANT MUST ARRANGE FOR A FIELD INSPECTION BY CALLING DEP/FIELD SERVICES (217-6240) FIVE DAYS PRIOR TO COMMENCEMENT OF WORK AND WITHIN TWO WEEKS FOLLOWING COMPLETION OF WORK.

MEMORANDUM

TO: Historic Area Work Permit Applicants
FROM: Gwen WRIGHI, Historic Preservation coordinator UM N Design, Zoning, and Preservation Division M-NCPPC

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 Environmental Protection (DEP), at 250 Hungerford Drive, Second Floor, in Rockville. Please note that although your work has been approved by the Historic Preservation Commission, it must also be approved by DEP before work can begin.

When you file for your building permit at DEP, you must take with you the enclosed forms, as well as the Historic Area Work Permit that will be mailed to you directly from DEP. 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 DEP at 217-6370.

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 495-4570.

Please also note that you must arrange for a field inspection for conformance with your approved HAWP plans. Please inform DEP/Field Services at 217-6240 of your anticipated work schedule.

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




Contractor: $\qquad$
TBA
Phone No.: $\qquad$

Contractor Registration No.:


$\qquad$ Block: $\qquad$ Subdivision: $\qquad$
Liber: $\qquad$ Folio: $\qquad$ Parcel: $\qquad$

## PART ONE: TYPE OF PERMIT ACTIONANDUSE



CHECK ALL APPLICABLE:


1B. Construction cost estimate: $\qquad$ 500,20

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

## PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXIEND/ADDITIONS



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.
Application/Permit No.:
9208200069 Date Filed: $8-20-92$ Date Issued:
$\qquad$ $9 / 10 / 97$

## 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 siggificance

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


## 2. SITEPLAN

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 $11^{\prime \prime} \times 17^{*}$. Plans on $81 / 2^{\circ} \times 11^{\prime \prime}$ 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 resourceis) 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 tor 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. PHDTOGRAPHS
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 confonting property ownersifot should include the owners of all lots or parcels which adjoin the parcel in question, as well as the owner(s) of ioti(s) or parcelis) whichlie 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 INFORMATIDN ON THE FOLLOWING PAGE. PLEASE STAY WITHIN THE GUIDES OF THE TEMPLATE, AS THIS WILL BE PHOTOCOPIED DIRECTLY ONTO MAILING LABELS.
20 August 1997
Sugarloaf Barn Renovation
Master Plan Site 12/31
Lawrence White Farm
Martinsburg Road
Dickerson, Maryland
Proj. No.: 96-74
List of Neighboring Property Owners:
Montgomery County 110 North Washington Street
Rockville, Maryland 20850
F.R. \& J.A. Buchanan
20700 Darnstown Road
Dickerson, Maryland 20842





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|  |  | DESIGN DEVELOPMENT SUBMITTAL <br> A GOTHIC BARN <br> Old Matthews Form On Martinsburg Road Dickerson, Maryland |
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# HISTORIC PRESERVATION COMMISSION STAFF REPORT 

Address: 20900A Martinsburg Road, Dickerson<br>Meeting Date: 9/10/97<br>Resource: Gothic Dairy Barn/Lawrence White Farm<br>Master Plan Site \#12/31<br>Case Number: 12/31-97A<br>Public Notice: 8/27/97<br>Review: HAWP<br>Applicant: Montgomery County/Division of Facilities \& Services<br>Tax Credit: Partial<br>Report Date: 9/3/97<br>PROPOSAL: Renovation of historic dairy barn<br>RECOMMEND: Approval

## DATE OF CONSTRUCTION: Approximately 1930s-1940s.

SIGNIFICANCE: Individual Master Plan Site - Gothic Dairy Barn at Lawrence White Farm

## ARCHITECTURAL DESCRIPTION: <br> Dairy barn with concrete block walls, standing seam metal roof, and wood siding.

## PROJECT PROPOSAL:

Montgomery County is working with Sugarloaf Citizens Association to renovate the Gothic Dairy Barn at the Lawrence White Farm (a.k.a. the Matthews Farm). The current proposal includes work to convert the barn into offices and meeting space for the Sugarloaf Citizens Association. Work proposed is as follows:

- Replace existing standing seam metal roof with a new standing seam metal roof (Note: as this is replacement with exactly matching materials, this proposal does not technically need HPC approval through the HAWP process.)
- Replace all $6 / 6$ windows (most of which are currently missing or damaged beyond repair) with new wooden $6 / 6$ windows with insulated glass, applied muntins and shadow bars. These are not double-hung windows, but are rather fixed $6 / 6$ sashes which tilt inward to open. This mode of operation will be retained.
- Repair/paint existing ventilators on roof of barn; paint existing concrete block walls and existing wood siding (Note: as painting is considered regular repair/maintenance work,


## this proposal does not technically need HPC approval through the HAWP process.)

- Install new wood and glass doors and/or large wooden windows in barn openings on the west and east elevations, including the breezeway between the main barn and the milkhouse. These original openings were large to accommodate the movement of farm animals and machinery. The sense of openness is to be retained through the extensive use of glass in these openings, while making the building weathertight and functional as an office. Existing rolling wood doors will be retained/replaced and can be used to cover some of the glass areas when the building is closed.
- Build two small additions at the rear northeast corner of the building for mechanical and storage purposes. These additions would be of a similar material as the main barn structure and would be relatively unobtrusive (sizes: $7^{\prime} \mathrm{X} 10^{\prime}$ and $7^{\prime} \mathrm{X} 7^{\prime}$ ).
- Add a dome skylight atop the silo to make the structure weathertight and allow light into the space.
- Add parking spaces along the rear facade of the barn (the north elevation).


## BACKGROUND:

The Gothic Dairy Barn at the Lawrence White/Matthews Farm was designated as a historic site in 1993. It is one of the few remaining outbuildings from a 19th century farmstead along historic Martinsburg Road. The farm has belonged to Montgomery County for a number of years and the area behind the farm buildings is used as the County's Composting Facility.

The main farmhouse burned to ground in 1990, leaving only a bank barn, a corncrib, a dairy barn, a board and batten tenant house, and a log structure. Although all of these structures were recommended for historic designation, the County Council chose to designate only the Gothic Dairy Barn with an environmental setting of only the area immediately around the footprint of the barn. The other outbuildings are still extant, except for the log structure, which was dismantled and moved to another farm site in western Montgomery County. Negotiations are underway for the ultimate retention of a number of the other outbuildings, even though they are not officially designated as historic.

As the result of a lawsuit brought by Sugarloaf Citizens Associations against Montgomery County, the County has entered into an agreement with the civic group to undertake a number of projects in the Dickerson area - including renovation of the Gothic Dairy Barn as offices for the Sugarloaf Citizens Association. The group has worked closely with the Division of Facilities and Services (DFS) and the Department of Public Works and Transportation (DPWT) on selection of an architect for this project, on review of the design concepts at each stage, and on the ultimate approval of the architectural plans. There have been large group meetings with the civic association as well as a working committee that has included Jane Hunter (Sugarloaf Citizens Association), Jeff Dunkel (DPWT), Hameed Omidvar (DFS), and Gwen Wright (M-NCPPC).

There current HAWP submission is the result of the work done by the committee noted above in conjunction with the architect, Proffitt \& Pryor.

## STAFF DISCUSSION:

Staff applauds the effort which has been made to retain the character of this historic agricultural building while adaptively reusing it as offices for the Sugarloaf Citizens Associations. Many farm buildings which no longer have agricultural functions are left to deteriorate - it is fortunate that a good new use has been found for this unique Gothic-roofed structure. And it is appropriate that preservation of the exterior features of the building has been a major priority in the design work on the project.

Staff feels that the roof replacement (with a new standing seam metal roof) and the painting are appropriate and necessary maintenance work which could be approved without a HAWP, but which are brought to the HPC for their information.

The $6 / 6$ windows must be replaced as the majority of the historic windows are missing or damaged beyond repair. The barn has been vacant for many years and the windows have been destroyed by weather and vandalism. Retention of the function of the windows (tilting in to open rather than being double-hung) is a feature which is particularly reflective of the original agricultural use of the building - it is very appropriate that this mode of functioning is being retained. The use of windows with insulated glass with applied muntins and shadow bars has been generally favored by the HPC when new windows are required. Staff feels that this proposal should be approved.

The "glassing in" of the large openings on the east and west elevations in an appropriate way to deal with adaptive reuse of this farm buildings for an office function. It allows the openings to still read as voids in the solid concrete block wall. Staff encourages the retention of as many rolling wooden doors as possible so that these historic features can also be used (when the building is closed) to simulate the original appearance of the barn as much as possible. In addition, staff particularly notes that the windows in the breezeway which is to be enclosed will be operable - in good weather, the windows can be opened to simulate the original function of the breezeway. All the new windows/doors in these openings will be wood with insulated glass and no muntins.

The two small additions on the rear, northeast corner of the building are unobtrusive and should be approved as proposed. By adding this small additions, it is possible to retain a great deal of the openness of the main interior space - which is another important feature of the historic character of the barn.

The glass skylight atop the silo is a creative solution to the use of this farm structure and staff supports its use. Silos are an important emblem of the farm landscape, but are difficult to adaptively reuse. This silo will be a circular staircase and a planting area - it will become an integral part of the functioning of the new office use in the barn. The glass skylight will allow light into the space without punching holes in the silo walls and will make it usable space.

Although a glass skylight is not historically what one would find atop a silo, its form is appropriate and its differentiated materials clearly identify the building as having a new and modern function. Staff feels this is a good example of Secretary's Standard \#9, "...The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features..."

Finally, the parking and proposed site work seem appropriate to the rural character of this property. However, staff is very concerned about the mound system sewage area shown to the south of the barn structure (between the barn and Martinsburg Road). Such a mound system would severely detract from the historic character of the entire site.

## STAFF RECOMMENDATION:

Staff recommends approval of this HAWP as it is in accord with Criteria 24A-8(b)2:
The proposal is compatible in character and nature with the historical, archeological, architectural or cultural features of the historic site, or the historic district in which an historic resource is located and would not be detrimental thereto or to the achievement of the purposes of this chapter.
and with Secretary of the Interior's Standards \#1, \#5, \#9 and \#10.

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Tax Account No.: $\qquad$
 Daytime Phone No.: $\qquad$

Contractor: $\qquad$ TR A. Phone No.: $\qquad$
Contractor Registration No.: $\qquad$
Agent for Owner: $\qquad$ MICHAEL PROFIT, ARCHITECT Daytime Phone No.: $\qquad$ 301 65 8532

LOCATION OF BUILDING/PREMISE
House Number: $\qquad$ Street $\qquad$
Town/City: $\qquad$ DICKEREval Nearest Cross Street: $\qquad$ Lot: $\qquad$ Block: $\qquad$ Subdivision: $\qquad$
Liber: $\qquad$ あこ? Folio: $\qquad$ 632 Parcel: $\qquad$
PART ONE: TYPE OF PERMIT ACTION AND USE
1A. CHECK ALL APPLICABLE:ConstructExtendAlter/RenovateWreck/RazeSolarFireplaceWoodburning Stove
PorchDeckShed

MoveInstallRevocableFence Wall (complete Section 4)Other: $\qquad$
1B. Construction cost estimate: \$ Wo, OCO,

1C. If this is a revision of a previously approved active permit, see Permit \# $\qquad$
PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXTEND/ADDITIONS
2A. Type of sewage disposal:
01WISC

02
Septic
03Other: $\qquad$
2B. Type of water supply:
01WSSC 02 Well

03Other: $\qquad$
PART THREE: COMPLETE ONLY FOR FENCERETAINING WALL
3A. Height $\qquad$ feet $\qquad$ inches

3B. Indicate whether the fence or retaining wall is to be constructed on one of the following locations:On party line/property lineEntirely on land of ownerOn 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.


Approved: $\qquad$ For Chairperson, Historic Preservation Commission

Disapproved: $\qquad$ Signature: $\qquad$ Date:
Application/Permit No.: $\qquad$ 9208200069 Date Filed: $\qquad$ $8-20-92$ Date Issued: $\qquad$

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## 1. WRITTEN DESCRIPTION OF PROJECT


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$\qquad$
b. General description of project and its effect on the historic resources), the environmental setting, and, where applicable, the historic district:

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F.R. \& J.A. Buchanan

20700 Darnstown Road
Dickerson, Maryland 20842

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##  UTID-2000 ACHINE DAVCIGHMTNG SYSTEMT



 Is this just another skylight?


No. Skylights are little more than a window in the roof with no capability to illuminate rooms with drop ceilings. Additionally, they admit high-glare light and radiant heat at high sun angles, and are minimally effective at low sun angles. Both Natural Lighting Co. systems increase sunlight admitted to the building throughout the day and project the light downward as much as 12 feet via the reflective light shaft and evenly illuminate the space
 below. The length of time the daylight can be effective will vary depending on the use of the Active or Passive System.

0Wont the daylighting units bring in a lot of heat?
, No. Heat gain from the units is less than the heat produced by electric lighting sources and other skylights because: (1) natural light contains half as much heat per lumen as artificially produced light; (2) unlike skylights, the mirror panels on the active units provide partial shade from intense midday summer sun, reducing radiant heat; (3) the sealed light duct with multiple lenses insulates against conducted heat much like a Thermopane window; (4) the diffusion
process breaks up radiant heat and eliminates hot spots. Use of the So-Dark Motorized Shade Screen in either the Passive or Active System can be used to manage the amount of light and thus heat.
 leak when installed in accordance with our field-tested installation procedure using spaceage elastomeric sealants.
 , Will intruders find Natural Lighting Co. units a point of easy building access? , No. In high crime areas, or where the value of the building contents so dictate, "burglar bars" can be installed within the light duct without significantly diminishing the transmission of light. Polycarbonate secondary lenses are available to insure that the openings are burglar resistant.

0, Is there a way to directly offset the purchase cost of Natural Lighting Co. products? , Yes. All Natural Lighting Co. products can be leased or financed. In addition, energy savings, depreciation, artificial lighting maintenance savings and incentives from local utility companies will contribute to off-set the total cost of a system, in some cases as short as 3.5 years.

## Managing the Sun...



The use of a 3 position wall switch activates the built in So-Dark Motorized Shade Screen assembly by Natural Lighting Co., allowing the user to manage the amount of sunlight being introduced into a room. This simple yet dynamic device when drawn across the skylight frame, allows a teacher, for example, to darken or black-out a room to show video or slide presentations.
So-Dark can be designed for use in both Passive and Active Daylighting Systems.

IFS

Awarded
Outstanding Acheivement in
Lighting Design by
Illuminating Engineering Society of North America Arizona Sonora
Conmalssion


