


Valley Mill Halse
1600 E. Randolph Rd.
Silver Spring

HAWP 33/7-08A





HISTORIC PRESERVATION COMMISSION

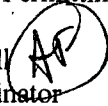
Isiah Leggett
County Executive

Jef Fuller
Chairperson

Date: 01/10/08

MEMORANDUM

TO: Carla Reid Joyner, Director
Department of Permitting Services

FROM: Anne Fothergill 
Planner Coordinator
Historic Preservation Section-Planning Department
Maryland-National Capital Park & Planning Commission

SUBJECT: Historic Area Work Permit #473951 - Swale installation

The Montgomery County Historic Preservation Commission (HPC) has reviewed the attached application for a Historic Area Work Permit (HAWP). This application was **approved** at the January 9, 2008 meeting.

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: M-NCPPC (Andy Frank)
Address: Valley Mill Park—1600 East Randolph Road, Silver Spring

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.





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

DPS - #8

HISTORIC PRESERVATION COMMISSION
301/563-3400

APPLICATION FOR
HISTORIC AREA WORK PERMIT

*MCDEP is applying on behalf of
MNCPPC.

Contact Person: Daniel Harper (MCDEP)
Daytime Phone No.: 240-777-7709

Tax Account No.: 00268926

Name of Property Owner: MNCPPC (Andy Frank) Daytime Phone No.: 301-650-2886
Address: MCDEP, 255 Rockville Pike, Suite 120, Rockville, MD 20850-4166
Street Number City Street Zip Code

Contractor: N/A Phone No.: _____

Contractor Registration No.: N/A
Agent for Owner: Mont. Co. Dept. of Environmental Protection (MCDEP) Daytime Phone No.: 240-777-7709/7707

LOCATION OF BUILDING/PREMISE

House Number: N/A Street: Valley Mill Park 1600 E. Randolph Rd.
Town/City: Colesville, MD Nearest Cross Street: Tamarack Rd.
Lot: _____ Block: _____ Subdivision: _____
Liber: _____ Folio: _____ Parcel: N 890

PART ONE: TYPE OF PERMIT ACTION AND USE

1A. CHECK ALL APPLICABLE:

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

CHECK ALL APPLICABLE:

- A/C
- Slab
- Room Addition
- Porch
- Deck
- Shed
- Solar
- Fireplace
- Woodburning Stove
- Single Family
- Fence/Wall (complete Section 4)
- Other: Susales/Landscaping

1B. Construction cost estimate: \$ 70,000 (prelim)

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

PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXTEND/ADDITIONS

2A. Type of sewage disposal: 01 WSSC 02 Septic 03 Other: N/A

2B. Type of water supply: 01 WSSC 02 Well 03 Other: _____

PART THREE: COMPLETE ONLY FOR FENCE/RETAINING WALL

3A. Height _____ feet _____ inches N/A

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.

Daniel Z Harper Signature of owner or authorized agent 12/12/07 Date

Approved: _____ Chairperson, Historic Preservation Commission

Disapproved: _____ Signature: _____ Date: 1-10-08

Application/Permit No.: 47395 Date Filed: _____ Date Issued: _____

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

1. WRITTEN DESCRIPTION OF PROJECT

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

An old Mill race structure will be outside work area for storm drainage and landscaping per the attached plans and report.

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

No detrimental impacts - work will steer clear of historic resource per MNCPPC's instructions (initial notes attached). This environmental project will be designed to be a visual asset.

2. SITE PLAN

→ attached (2 sets)

Site and environmental setting, drawn to scale. You may use your plot. 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

→ attached

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

→ on plans for MNCPPC comment.

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

→ attached photo logs.

- 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

→ on plans

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

→ listing attached.

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

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

EXPEDITED
MONTGOMERY COUNTY HISTORIC PRESERVATION COMMISSION
STAFF REPORT

Address:	1600 E. Randolph Road, Silver Spring	Meeting Date:	01/09/2008
Resource:	Master Plan Site # 33/7	Report Date:	01/02/2008
Applicant:	Andy Frank (Daniel Harper, Agent)	Public Notice:	12/26/2007
Review:	HAWP	Tax Credit:	None
Case Number:	33/7-08A	Staff:	Anne Fothergill
Proposal:	Landscape alterations/storm water improvements		

STAFF RECOMMENDATION

- Approval
 Approval with conditions

ARCHITECTURAL DESCRIPTION

Excerpted from Places in the Past:

Master Plan Site # 33/7 Valley Mill House (Late 1790s)

Valley Mill House is a rare example of a brick miller's house built in the late 1790s. Peter Kemp, a miller from Frederick County, purchased a parcel of land on the Paint Branch in 1794, and soon built a mill and miller's house. Washington Duvall owned the mill complex in the Civil War era. A mainstay in the county's Democratic Party, Duvall served two terms in the State House of Delegates (1822, 1823) and was State Senator during the Civil War (1860-1865). Though the mill was rebuilt, then abandoned and dismantled, the brick miller's cottage still stands. Bricks on the main (south) facade are laid in Flemish bond while the rear and sides are laid in common bond. Decorative brickwork features random glazed bricks and a water table.

PROPOSAL

The applicants are proposing to remove asphalt and install a flat grass swale for improved stormwater drainage. All work will be located across the street from the historic mill race.

APPLICABLE GUIDELINES

When reviewing alterations and new construction to a *Master Plan* site two documents are to be utilized as guidelines to assist the Commission in developing their decision. These documents are *Montgomery County Code Chapter 24A (Chapter 24A)* and the *Secretary of the Interior's Standards for Rehabilitation (Standards)*. The pertinent information in these documents is outlined below.

Montgomery County Code; Chapter 24A:

A HAWP permit should be issued if the Commission finds that:

1. The proposal will not substantially alter the exterior features of a historic site or historic resource within a historic district.
2. The proposal is compatible in character and nature with the historical archaeological, architectural or cultural features of the historic site or the historic district in which a historic resource is located and would not be detrimental thereto or to the achievement of the purposes of this chapter.

In the case of an application for work on a historic resource located within a 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 surrounding historic resources or would impair the character of the historic district.

Secretary of the Interior's Standards for Rehabilitation:

Standard #9: New additions, exterior alterations, or related new construction will not destroy historic materials, features, and spatial relationships that characterize the property. The new work shall be differentiated from the old and will be compatible with the historic materials, features, size, scale and proportion, and massing to protect the integrity of the property and its environment.

STAFF RECOMMENDATION

Staff recommendation of **approval** is based on the following criteria from Chapter 24A of the Montgomery County Code, Section 8(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.

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.

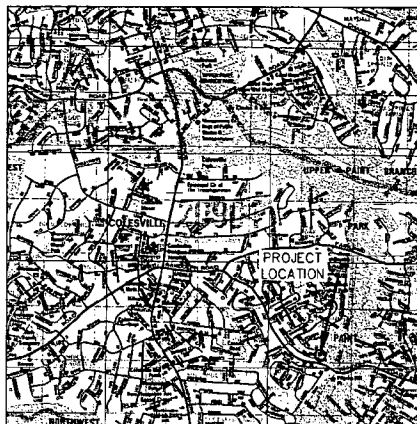
VALLEY MILL PARK BIORETENTION PROJECT MONTGOMERY COUNTY, MD

GENERAL NOTES

1. All Construction Shall Be In Accordance With The Latest Edition Of The Standard Specifications Of Montgomery County And The Washington Suburban Sanitary Commission.
2. Disturbed Areas Shall Be Seeded And Mulched.
3. Call "NOISE-UTILITY" AT (301) 251-7777 Fourty-Eight (48) Hours Prior To Beginning Excavation To Determine The Location Of Existing Utilities.
4. Reports To Utilities Or Property Damaged As A Result Of A Contractor's Negligence Or Method Of Operation Must Be Made At The Contractor's Expense Before Proceeding With Construction.
5. Grading Shall Be Done In Such A Manner As To Provide Positive Drainage, Unless Otherwise Indicated.
6. Topographic Mapping Produced By CBA Engineering Dated March Of 2007. The Meridian Source Of This Topographic Survey Is Based On The Maryland State Plane Coordinate System (NAD83) 1995 (MDS13). All Distances Shown Hereon Are In U.S. Survey Feet. Elevation Refer To The National Geodetic Vertical Datum Of 1929 (MVD 29). This Survey Was Prepared Without Benefit Of A Title Report. Survey Control Points Incorporated And Used To Georectify This Survey Are:
Station: WSC 20031
Northing: 506,082,820
Easting: 335,332,625
Elevation: 350.76
7. Information Concerning Underground Utilities Was Obtained From Available Records. Contractor Shall Determine Exact Locations And Depths Of Lines By Digging Test Pits By Hand At Every Crossing With In Advance Of Trenching. If Crossings Are Less Than Shown, Contact WSSC's Project Inspector And The Appropriate Utility Owner Before Proceeding With Construction.

LEGEND

	Stream
	Deciduous Tree
	Coniferous Tree
	Existing Contour
	Proposed Contour
	Wetland Boundary
	100 Year Floodplain
	Centerline
	Limit of Disturbance
	Silt Fence
	Sanitary Sewer
	Traverse Point
	Light Pole
	Dwg.
	Ex.
	Prop.
	Invt.
	Elev.
	Study Point

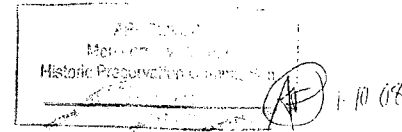


LOCATION MAP
Scale: 1" = 2000'

Copyright ADC The Map People
Permitted Use Number 20703119
Expiration Date: 03/31/08

INDEX OF DRAWINGS

SHEET NO.	TITLE
1	TITLE SHEET
2	GENERAL NOTES
3	SITE PLAN
4	GRADING PLAN
5	GRADING DETAILS
6	EROSION AND SEDIMENT CONTROL
7	TREE PROTECTION/PLANTING/SEEDING PLAN
8	FOREST STAND DELINEATION



OTHER REQUIRED PERMITS

IT IS THE RESPONSIBILITY OF PERMITTEE/OWNER OF THIS SITE TO OBTAIN ALL REQUIRED PERMITS PRIOR TO ISSUANCE OF THE APPROVED SEDIMENT CONTROL PERMIT

TYPE OF PERMIT	RECD	NOT RECD	PERMIT NO.	EXPIRATION DATE	WORK RESTRICTION DATES
W.S.A. Waterway		X			
W.S.A. Dam Safety		X			
MCDPS Floodplain District	X				
WETLANDS					
a. Corps of Engineers		X			
b. DNR		X			
c. MDE Water Quality Certification	X				
OTHER (LIST)					
e. WSSC	X				

MCDPS 1 OF 8

MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES APPROVED FOR:		DATE: MCDPS APPROVAL DOES NOT REPLACE THE NEED OF A MCDPS ACCESS PERMIT
Stormwater Management:	Sediment Control Technical Requirements:	Administrative Requirements:
Reviewed _____ Date _____	Reviewed _____ Date _____	Reviewed _____ Date _____
Approved _____ Date _____	Approved _____ Date _____	Approved _____ Date _____

DATE APPROVAL OF THIS PLAN WILL EXPIRE ONE YEAR FROM THE DATE OF APPROVAL. IF THE PROJECT HAS NOT STARTED WITHIN THE ABOVE TIME PERIOD, THE PLAN MUST BE REAPPROVED.

MONTGOMERY COUNTY, MARYLAND DEPARTMENT OF PERMITTING SERVICES FINAL APPROVAL DATE: _____ BY: _____ SUBJECT TO INDICATION OF POINT OF WAY AND EASEMENTS PER COUNTY CODE SECTION 50	60% DESIGN MONTGOMERY COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION 255 ROCKVILLE PIKE SUITE 120 ROCKVILLE, MARYLAND, 20850 Designed By: _____ Drawn By: _____ Checked By: _____ VALLEY MILL PARK BIORETENTION PROJECT TITLE SHEET Date: November 17, 2007 DRAWING 1 OF 8
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THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
DEPARTMENT OF PARK AND PLANNING

DATE APPROVED: _____

DESIGNING ENGINEER: _____

THIS IS NOT A PERMIT TO BEGIN CONSTRUCTION

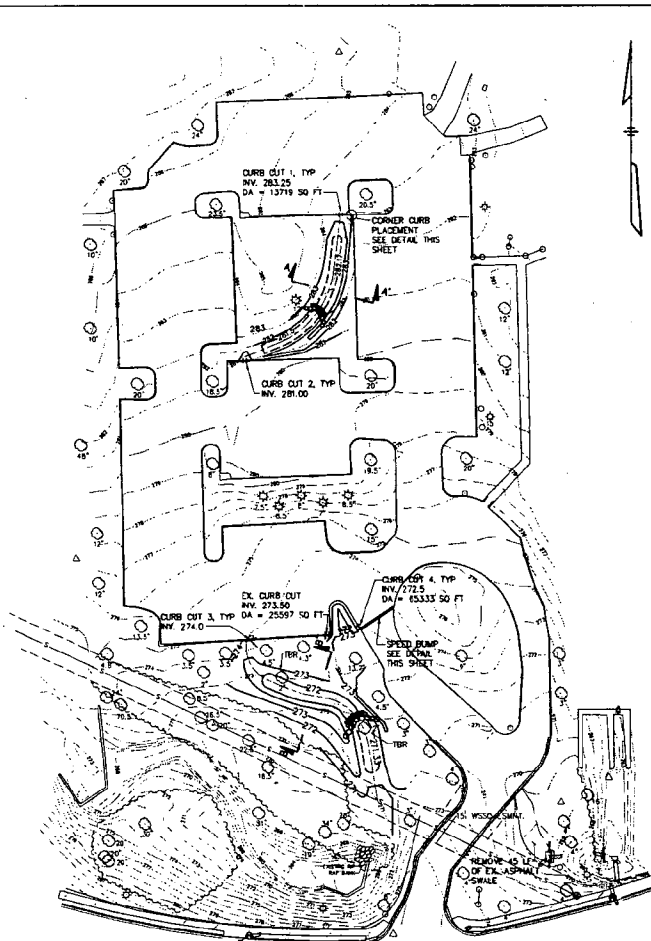
FOR MORE INFORMATION, CONTACT THE PARK AND PLANNING COMMISSION AT (301) 461-2888

Number	Revision	Date	By

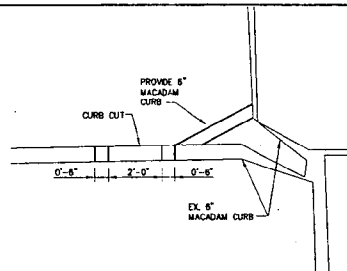
Division Of Facility Services	Date
Section Chief, Facility Engineering Unit	Date
Chief, Capital Projects Management Section	Date

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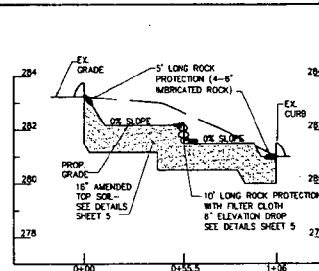
RUMMEL, KLEPPER & KAHL, LLP
CONSULTING ENGINEERS
31 MOSHER STREET
BALTIMORE, MARYLAND 21217
(410) 728-2900



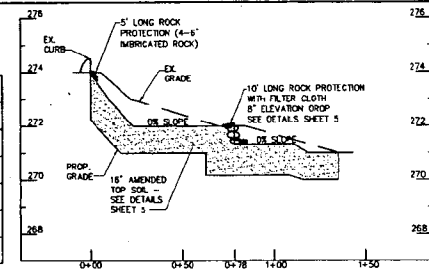
PLAN
Scale: 1" = 30'



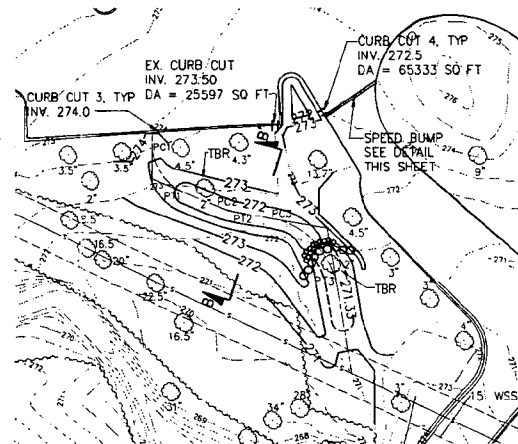
CORNER CURB PLACEMENT DETAIL
Scale: 1/2" = 1'-0"



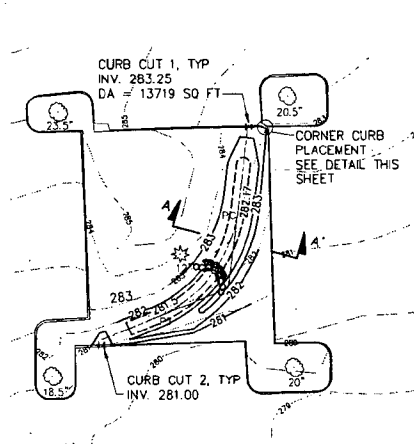
PROFILE - UPPER SWALE
Scale: 1" = 30' Hor.
1" = 2' Vert.



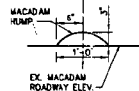
PROFILE - LOWER SWALE
Scale: 1" = 30' Hor.
1" = 2' Vert.



ALIGNMENT - LOWER SWALE
Scale: 1" = 20'



ALIGNMENT - UPPER SWALE
Scale: 1" = 20'



NOTE:
(1) SPEED BUMP EXTENDS ACROSS ENTIRE ROADWAY.
(2) MAX HEIGHT SHALL BE 3 IN.

SPEED BUMP DETAIL
Scale: 1" = 1'-0"

ITEM	CONTROLS	
	NORTH	EAST
UPPER SWALE		
CURB CUT 1	509781.4772	1318458.9240
PC	509750.2163	1318454.9409
PT	509709.9773	1318424.6861
CURB CUT 2	509700.1737	1318405.8626
LOWER SWALE		
CURB CUT 3	509543.3362	1318407.0960
PC 1	509539.2279	1318407.0737
PT1	509520.4417	1318419.7752
PC2	509515.8877	1318430.3876
PT2	509512.6178	1318441.2968
PC3	509510.6920	1318452.0577
PT3	509486.0504	1318474.4560
EXISTING CURB CUT		
CURB CUT 4	509456.4516	1318451.4858
	1318469.1758	1318469.1758

MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES APPROVED FOR:

Stormwater Management:	Sediment Control Technical Requirements:	Administrative Requirements:
Reviewed _____ Date _____	Reviewed _____ Date _____	Reviewed _____ Date _____
Approved _____ Date _____	Approved _____ Date _____	Approved _____ Date _____

NOTE: MDCPS APPROVAL DOES NOT NEGATE THE NEED OF A MDCPS ACCESS PERMIT.

MCDPS 4 OF 8

MONTGOMERY COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION
255 ROCKVILLE PIKE SUITE 120
ROCKVILLE, MARYLAND, 20850

Designed By: JMS Drawn By: JSD Checked By: JLT

VALLEY MILL PARK
BIOREVENTION PROJECT

GRADING PLAN

Date: November 17, 2007 DRAWING 4 OF 8

THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
DEPARTMENT OF PARK AND PLANNING

M-NAPC RECORD FILE NO. _____

DATE APPROVED _____

ENGINEERING SUPERVISOR _____

THIS IS NOT A PERMIT TO BEGIN CONSTRUCTION. THIS OFFICE IS AN INDEPENDENT REVIEW ONLY. REVIEWERS ARE NOT RESPONSIBLE FOR THE DESIGN OR CONSTRUCTION OF THE PROJECT.

Number	Revision	Date	By

Division of Facility Services _____ Date _____

Section Chief, Facility Engineering Unit _____ Date _____

Chief, Capital Projects Management Section _____ Date _____

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RUMMEL, KLEPPER & KAHL, LLP
CONSULTING ENGINEERS
81 MOTHER STREET
BALTIMORE, MARYLAND 21217
(410) 728-2000

Valley Mill Swale Retrofits – Historic Parcel Impacts



8-1-07 – looking ESE to area where swales are to be installed west of driveway. Historic Mill Race wall is indicated by the red arrow in the upper left. The location of the existing swale below is show with a blue arrow above, the proposed swale in dashed blue line.



8-1-07 – looking SE, to ex. Swale, the inlet on the east side of the driveway (photo below) is indicated by the solid blue arrow.

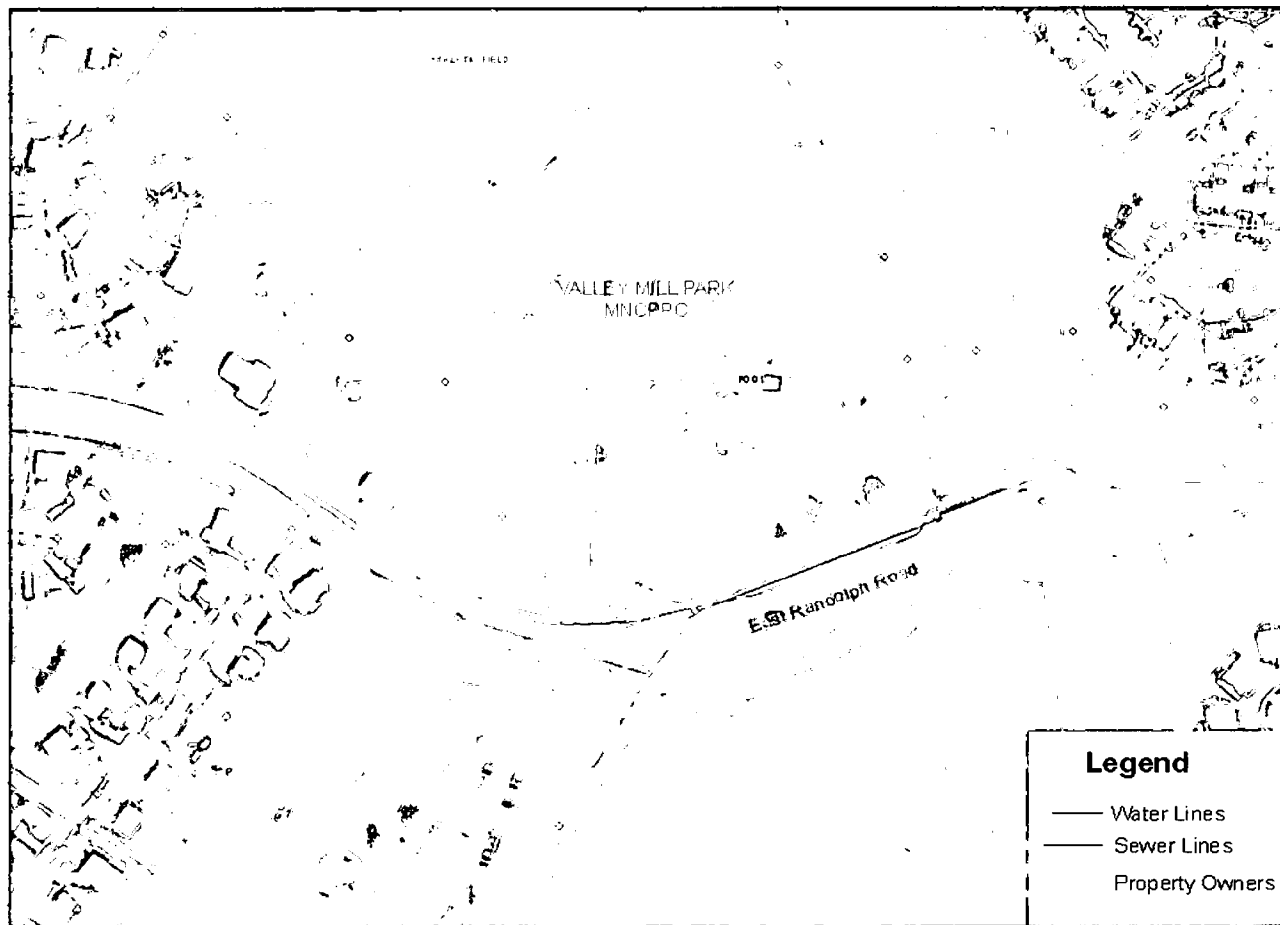


8-1-07 – looking NE, to existing inlet and asphalt swale to be changed out to a flat, grass swale. The asphalt is from the old driveway to the park, and all the visible asphalt and associated subgrade shown above will be removed and replaced with compost and soil.



8-1-07 – looking NE, larger view of the stormdrain inlet area.

Valley Mill Park Bioretention Project Public Notification Map



Public Notification

OWNER	PREM_NUM	PREM_STNAME	PREM_STTYPE	PREM_CITY	PREM_ZIP	MAILADDR1	MAILADDR2	MAIL CITY	MAILSTATE	MAILZIP
MONTILLO, MARGARET J ET AL	12710	LAURIE	DR	SILVER SPRING	209041517	12710 LAURIE DR		SILVER SPRING	MD	209041517
JEAN PIERRE, JEAN J & M L	12713	LAURIE	DR	SILVER SPRING	209041518	12713 LAURIE DR		SILVER SPRING	MD	209041518
ANGEL, CARLOS M & ALICIA D	01508	RANDOLPH	RD	SILVER SPRING	209041552	1508 E RANDOLPH RD		SILVER SPRING	MD	209041552
A R BANCROFT COMM DEV CORP	01500	RANDOLPH	RD	SILVER SPRING	209040000	%ARC/MC	11600 NEBEL ST	ROCKVILLE	MD	208520000
NICKERSON, WILFRED W & MARISA	12712	LAURIE	DR	SILVER SPRING	209041517	12712 LAURIE DR		SILVER SPRING	MD	209041517
DER, LEON	01504	RANDOLPH	RD	SILVER SPRING	209040000	8303 NICHOLSON ST		NEW CARROLLTON	MD	207840000
NGUYEN, CHIN V & H M	12711	LAURIE	DR	SILVER SPRING	209041518	12711 LAURIE DRIVE		SILVER SPRING	MD	209041518

Hollister, John

From: Lampl, Joey [joey.lampl@mncppc-mc.org]
Sent: Tuesday, October 09, 2007 4:46 PM
To: Hollister, John
Subject: RE: Storm water Improvements at Valley Mill Parking Lot

Prior correspondence related to a HAWP.

John:
Sounds good to me.

From: Hollister, John [mailto:John.Hollister@montgomerycountymd.gov]
Sent: Tuesday, October 09, 2007 4:37 PM
To: Lampl, Joey
Cc: Carson, Craig
Subject: RE: Storm water Improvements at Valley Mill Parking Lot

Hello Joey,

Thanks for the information.

We will make the HAWP submittal when we make the 60% design submittals for SC/SWM and MNCPPC. We will also make the public notification at that time. I assume a brief statement noting that "A Historic Area Work Permit (HAWP) application has been made for drainage improvements at Valley Mill Park" would be sufficient (i.e., similar to the MDE Wetlands notification). Let us know if you recommend including any additional information based on your experience. Thanks again.

John H.



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

From: Lampl, Joey [mailto:joey.lampl@mncppc-mc.org]
Sent: Wednesday, October 03, 2007 12:15 PM
To: Frank, Andrew; Hollister, John
Cc: Carson, Craig; Redmond, Doug
Subject: RE: Storm water Improvements at Valley Mill Parking Lot

John:

I spoke with Anne Fothergill. Here are her answers to your questions:

- 1) Yes, submit to DPS. They flag it and send it over to the Historic Preservation Section staff in the Department of Planning.
- 2) 60% drawings are fine.
- 3) Noticing needs to be adjacent and confronting owners. She said to use your best judgment.
- 4) No pre-submittal meeting is necessary, based on information I've given her.

Feel free to call me if you have further questions at 301-563-3414. If your questions are specific to the HAWP application and its process, you can call Kevin Manarolla at 301-563-3400, the Historic Preservation Administrative Manager.

Joey

See Attached

From: Frank, Andrew

Sent: Wednesday, September 26, 2007 5:08 PM
To: Lampl, Joey; 'Hollister, John'
Cc: Carson, Craig; Redmond, Doug
Subject: RE: Storm water Improvements at Valley Mill Parking Lot

Good afternoon Joey.

I think I mentioned that John Hollister is the MCDEP Project Manager for the stormwater improvements near the historic area at Valley Mill. Would you be able to help answer some of his questions below? If you think it would be more helpful to do this by conference call, please let me know so I can arrange.

Thanks.
Andy

Andrew Frank, P.E.
M-NCPPC Project Manager
Park Development Division
9500 Brunett Avenue,
Silver Spring, MD 20901
Office: 301-650-2886
Cell: 240-367-0782
Fax: 301-585-1921

From: Hollister, John [mailto:John.Hollister@montgomerycountymd.gov]
Sent: Tuesday, September 25, 2007 3:54 PM
To: Frank, Andrew
Cc: Carson, Craig
Subject: RE: Storm water Improvements at Valley Mill Parking Lot

Hello Andy,

I received the attached map for use in the HAWP for Valley Mill. In searching the web, I came up with the following references for submitting a HAWP:

1) This goes to MC-DPS:

http://www.mc-mncppc.org/historic/instructions/documents/INSTRUCTIONSFORFILINGAHISTORICAREA_001.pdf

2) These seem to be for PG County:

<http://www.mncppc.org/county/Historic%20Forms/HAWPins.PDF>
<http://www.mncppc.org/county/Historic%20Forms/HAWPapp.PDF>

Could you help with the following questions?

- Should I assume we will submit a set of plans (per the item #1 MC instructions) to DPS and request a HAWP review in a letter?
- Would this best be done with the 60% design set?
- Since the historic parcel is contained within non-historic MNCPPC parcels, how extensive does our notification have to be (per the MC instructions)? There are several subdivisions adjacent to the larger park in the vicinity.
- Since we have the allowable limits of impacts per your instructions (which we should be able to stay well within since we plan to replace the asphalt with only a sloped swale), is there any need for a pre-submittal meeting with HPC staff?

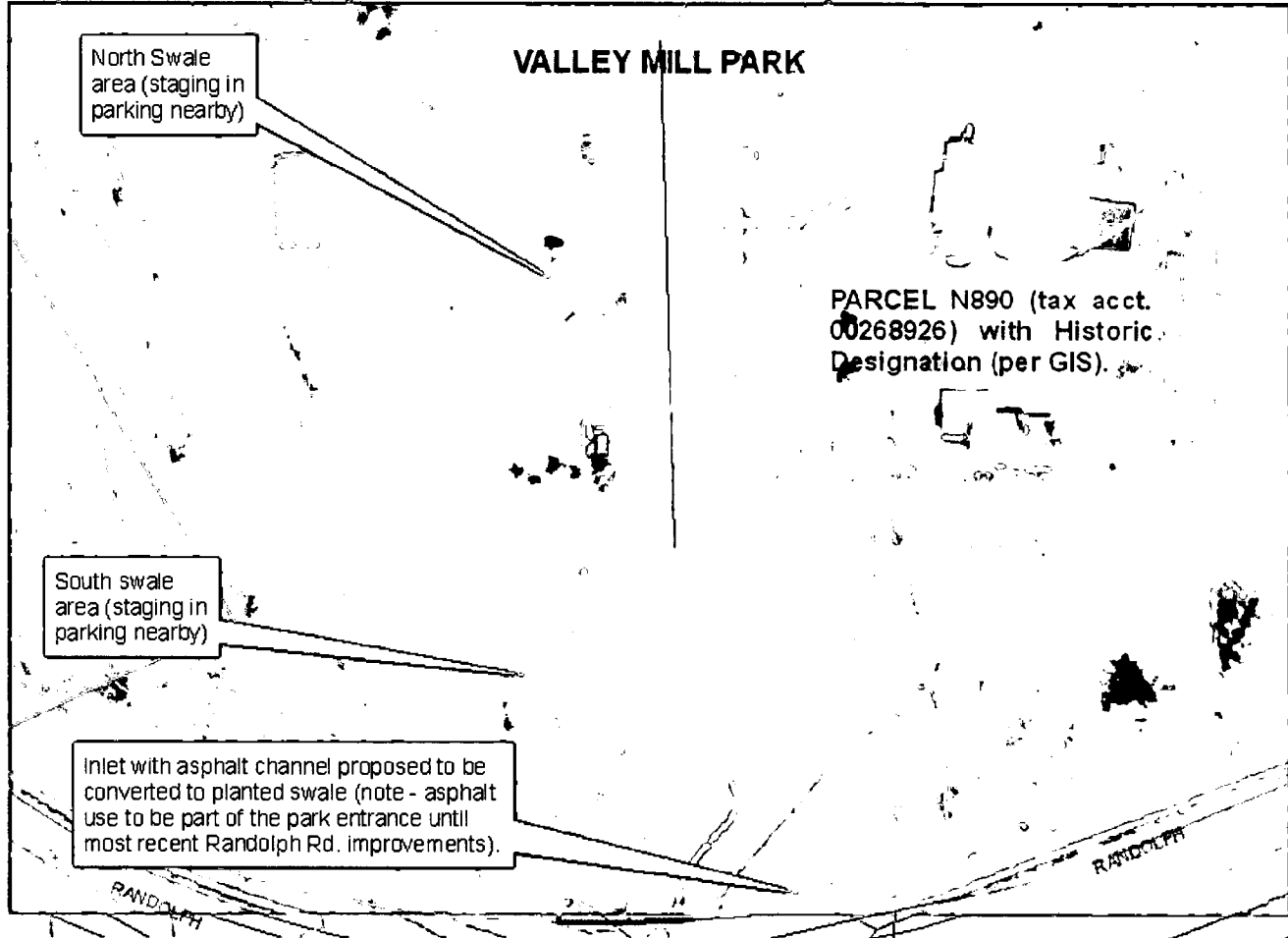
Thanks.

John H.

Project Summary – Stormwater Retrofit via Bioretention Swales at Valley Mill Park

Project Objectives: Construct bioretention cells or swales that collect runoff from existing parking lots. These improvements are intended to evaluate the benefits of low cost stormwater management retrofits using landscaped swales.

Project Location: The proposed swale areas are shown on the map below:



GIS information on the Historic property is as follows:

Layers: SDE.MP_INDIVIDUAL_SITES

SDE.MP_TND Location: (1318583.241613 509566.805361)

Field	Value
RESOURCE	33/007-001A
IMAGEFILE	D:\historic_preservation\pdf\33-07.pdf
ACCT	00268926
NAME_OF_RE	VALLEY MILL HOUSE
HOUSE_NUMB	1600
DIRECTION	EAST
STREET_NAM	RANDOLPH
STREET_TYP	RD
PARCEL_NUM	PN890
TAX_MAP	
LOT	
BLOCK	
ACRES	0
ZONING	
STYLE	
BUILDING_T	
HISTORIC_U	DWELLING
CURRENT_US	
PERIOD_1	0
PERIOD_2	
PERIOD_3	
PERIOD_4	
NATIONAL_R	N
DISTRICT	I

Proposed Improvements: The stormwater improvements will be linear features, landscaped with tall grasses and flowers and planted with trees to MNCPPC requirements. The swales will slow water velocities to allow the sediment and debris to drop out at the upstream end of the swales.



Example of vegetated swale at the Dennis Ave. Health Center (note - Valley Mill be more densely vegetated and outfalls will discharge into existing drainage).

VALLEY MILL PARK BIORETENTION RETROFITS

60% DESIGN REPORT
AND
DESIGN COMPUTATIONS

FOR
MONTGOMERY COUNTY
Department of Environmental Protection
Rockville, Maryland



November 2007

BY



Rummel, Klepper and Kahl, LLP
Consulting Engineers
81 Mosher Street
Baltimore, Maryland 21217

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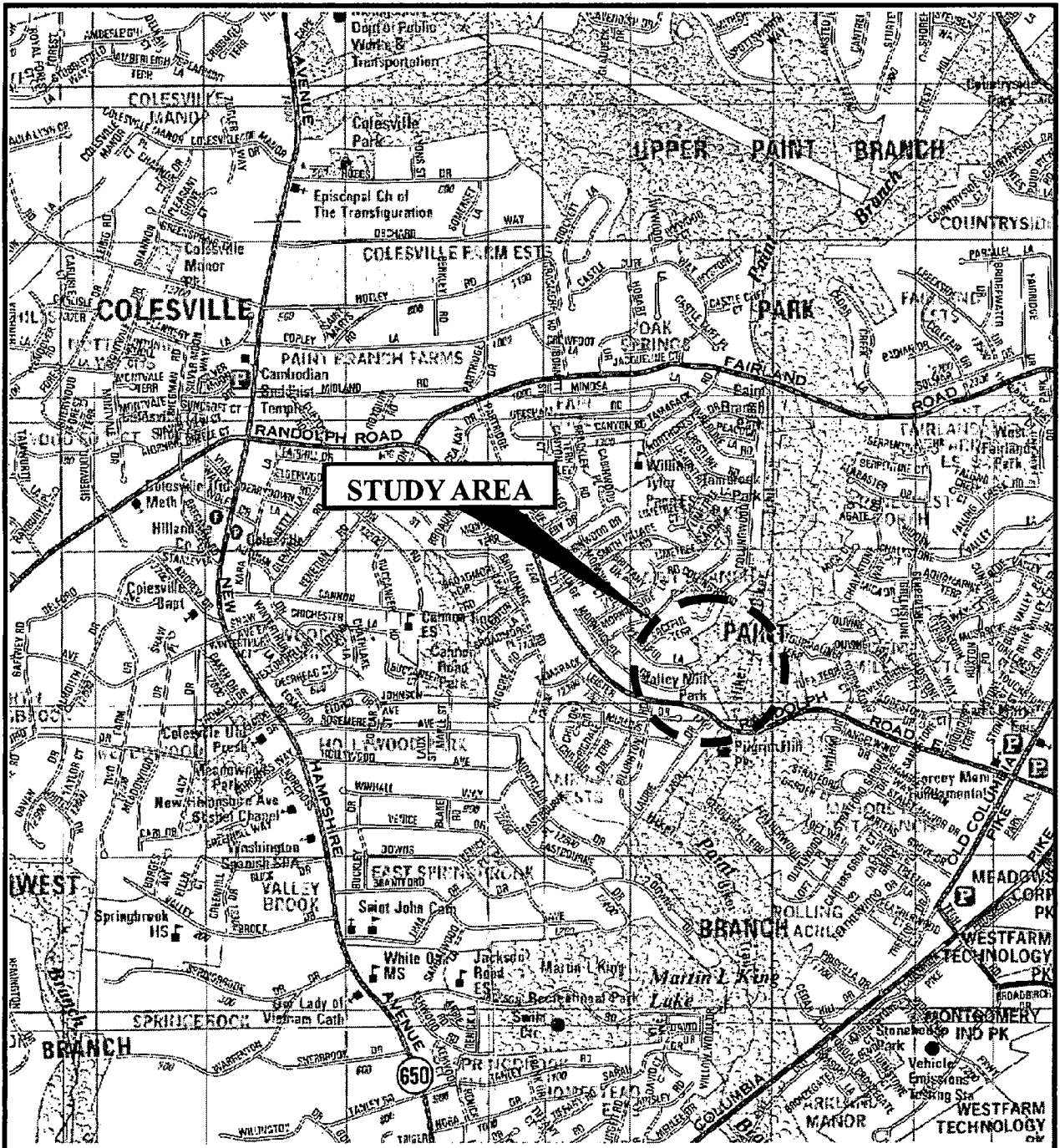
Table 2 – Herbaceous Species for Installation.....9

I. INTRODUCTION

Valley Mill Park is a 15-acre park and picnic area that is owned and operated by the Maryland-National Capital Park and Planning Commission (M-NCPPC) and the Montgomery County Parks Department. The park is located at 1600 Randolph Road in Colesville, Montgomery County, as shown in Figure 1. Generally used as a picnic location, the park contains some walking trails as well as a public pool.

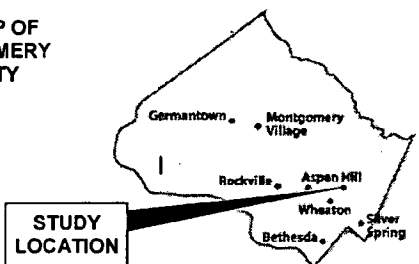
The scope of this project was to determine the low end costs of bioretention retrofits for areas within the Paint Branch watershed. The park was to be fitted with modified grass swales or bioretention cells that collect runoff from the existing parking lot. The Valley Mill Park retrofits were to be limited to the areas surrounding the existing parking lot south to Randolph Road. The area to the east of the park entrance and the parking lot was to be left alone due to a historical feature in the area, however it was decided that some alterations and plantings would be made to a small area not affecting the historical site.

The drainage area for the project site consists mostly of a hillside on the northern edge of the parking area and the parking area itself. The two grassed islands in the center of the parking lot create several different drainage sub-areas, all leading to either the unnamed stream on the southern edge of the park or to the storm drain inlet on the east side of the park entrance. The project area was broken into three major drainage areas for the purpose of this report, with outlet points at Study Point #1 (SP-1), Study Point #2 (SP-2), and Study Point #3 (SP-3), see Figure 2.



ADC © #20403127

KEY MAP OF MONTGOMERY COUNTY



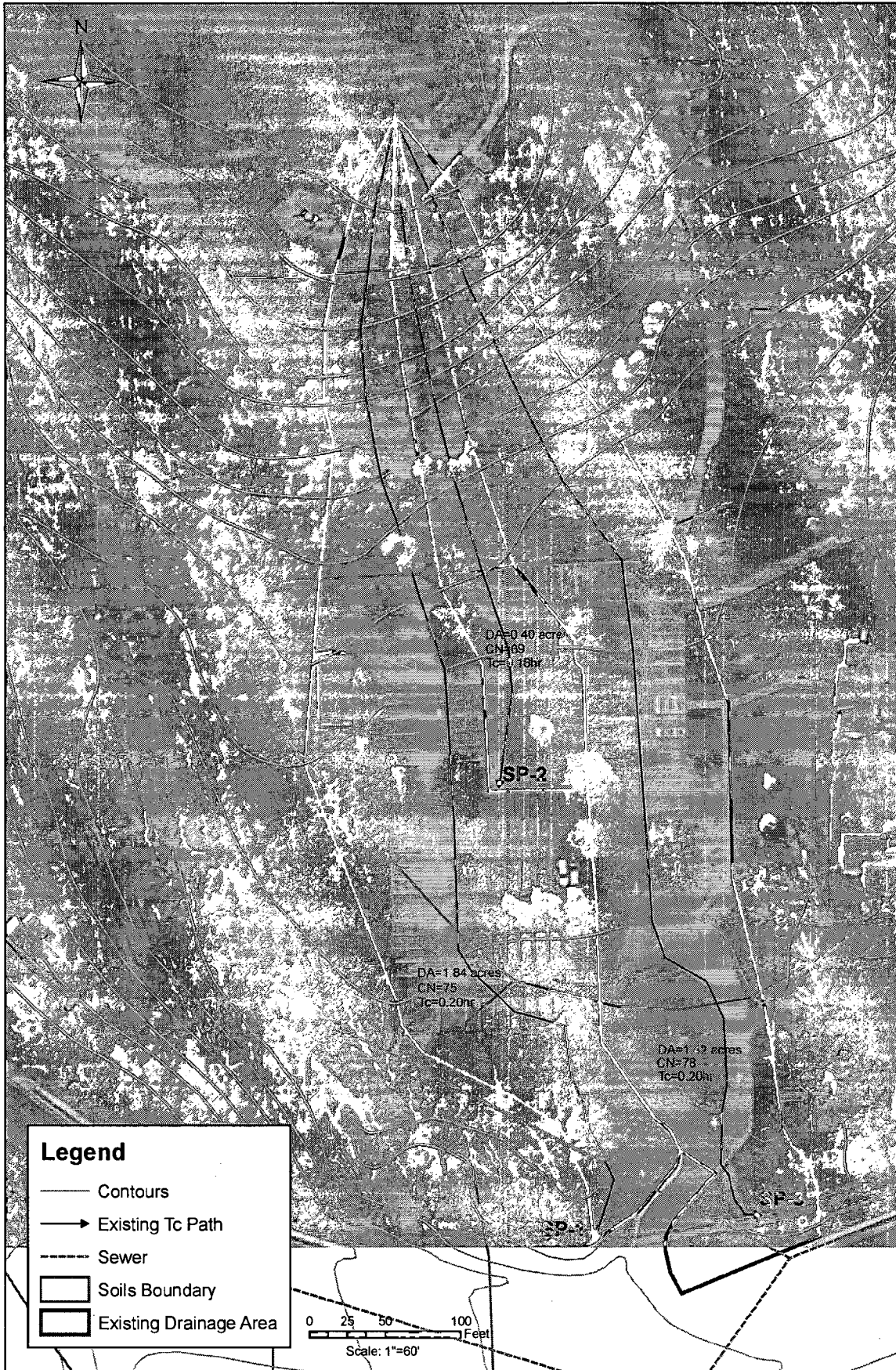
VALLEY MILL PARK

LOCATION MAP

RK & K RUMMEL KLEPPER & KAHL, LLP

DATE: OCTOBER 2007

FIGURE 1

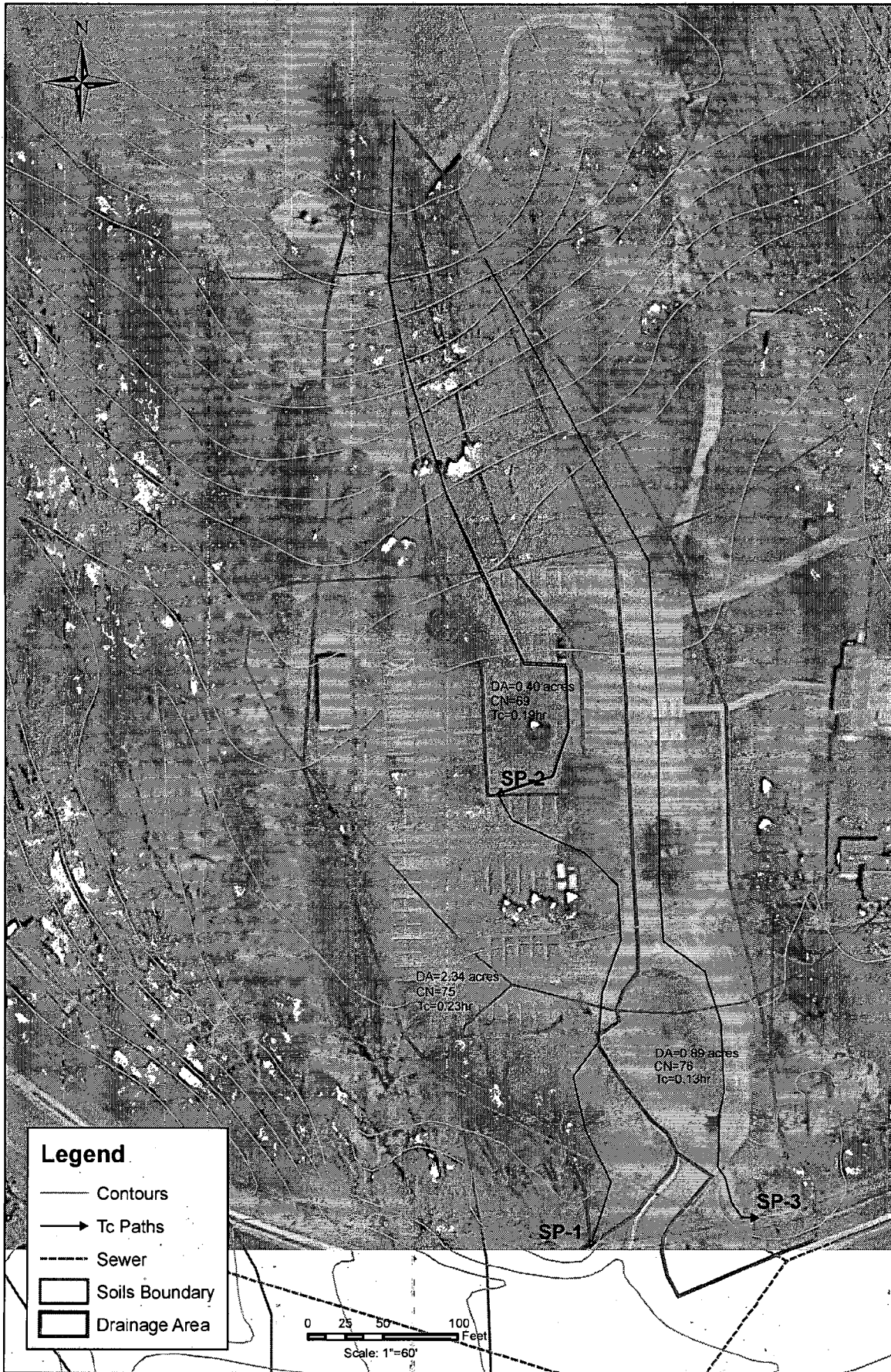


RUMMEL,
KLEPPER
& KAHL, LLP

VALLEY MILL PARK
EXISTING DRAINAGE AREA MAP

FIGURE 2

OCTOBER 2007



RUMMEL,
KLEPPER
& KAHL, LLP

VALLEY MILL PARK
PROPOSED DRAINAGE AREA MAP

FIGURE 3

OCTOBER 2007

II. ANALYSIS

In order to quantitatively show the impacts on the project site, Study Points (SP) were established at three locations where drainage collects on the project site.

Study Point #1

Study Point #1 is located at the headwall near the southern edge of Valley Mill Park where an unnamed stream is routed under Randolph Road. This point encompasses a large portion of the runoff from the park including all of drainage area 2, with a total of 1.84 acres existing. Soils in the area are Hagerstown soils with mostly B and C hydrologic soil grouping classifications. The area draining to this point is a mixture of open space and impervious ground at the parking lot, resulting in a curve number of 75. Under existing conditions, flow that reaches this point comes mostly from the bottom portion of the parking area. There is an existing curb cut in the corner of the lot that allows runoff to drain into a short, shallow concrete paver and grass lined channel. Under the proposed conditions, four new curb cuts would be placed throughout the parking lot that would allow for more runoff to reach this swale. Additionally, a new swale is proposed that will join with the existing swale to allow for increased retention time. The existing swale will be left alone and the proposed swale will be lined with vegetation to reduce velocities and increase infiltration into the proposed amended soils of the channel bottom.

Under the proposed conditions an increase in flow is directed to the swales through the use of curb cuts and a speed bump that helps guide previous pavement runoff to the new grass swale, increasing the volume of water treated. A significant portion of Drainage Area 3 is directed to SP-1, through the use of a 3-inch high speed bump across the parking lot exit. This bump will help redirect pavement flow during small storm events; however it is acknowledged that during high flow events, the water will jump the curb and proceed to SP-3 as under existing conditions. The existing drainage area to SP-1 is 1.84 acres; with the speed bump, it is estimated that the new drainage area to SP-1 will be 2.34 acres.

The proposed lower swale was designed for the 10 year, Type II storm of 5.1-inches for a 24 hour storm event. The swale maintains an 8-foot wide bottom with side slopes of 3:1.

Additionally, with hopes of increasing the retention time of the swales, the channel bottom maintains a 0% slope. The swale is divided into two sections of approximately 50-foot flat areas separated by an 8-inch step in the middle. The flat areas aid in reducing flow velocities. To determine the velocities, a gradually varied flow direct step method was used. This method predicts that during a 10-year storm event, velocities of approximately 2 fps can be expected in the lower swale. The time of concentration for SP-1 increases from 0.20 hr to 0.23 hr. Calculations are located in Appendix A.

Study Point #2

Study Point #2 is located at the southwest corner of the uppermost island in the parking lot. This study point is a collection point for a small sub-drainage area of Drainage Area 1. Currently, flow is directed to the northeast corner of the island and a curb cut allows the flow to pass over to the eastern side of the parking lot. Under the proposed conditions, the existing curb cut is blocked and a new curb cut is placed to direct flow into the main island where a 5-foot wide curvilinear swale conveys the flow to the southwest curb cut, SP-2.

Study point #2 has a drainage area of 0.4 acres, consisting mostly of the upper hill side north of the parking lot resulting in a curve number of 69. The flow reaches the curb cut and continues through a swale similar to that of the lower portion of the park. The swale is broken into two approximately 50-foot length flat highly vegetated sections separated by an 8-inch step protected with rock. Again, a gradually varied flow direct step method was used to estimate velocities; during the 10-year storm event, flows are predicted to be around 0.85 fps. The swale helps to increase the time of concentration from 0.16 hr to 0.19 hr. Calculations are located in Appendix A.

The upper swale was designed to work with the existing grade to reduce the amount of excavation needed. Additionally, its disturbance reaches partially into the outer edge of the critical root zone for the existing Norway Spruce at the center of the island but should not have an impact on the tree.

Study Point #3

Study Point #3 is located at the storm drain inlet to the east of the park entrance. During a site visit during a storm event, it was noticed that this portion of the park seems receive a large amount of flow and has the most difficulty dealing with the runoff. Currently, the inlet has a drainage area of 1.42 acres and flow is directed to the inlet via a 7-10 feet wide asphalt paved swale that is approximately 40-feet in length.

Improvements could be made to increase the functionality of this area; however, the area contains a historical structure and so areas open to disturbance are very limited. Minimal grading could help the situation. A small grade change is suggested to allow a flat section of swale prior to the inlet opening to help reduce velocities. It is recommended that the asphalt be removed and the swale be heavily planted. The biggest aid to the area is the implementation of the speed bump on the west side of the oval island at the park entrance. This speed bump should help to redirect flows during small storm events, decreasing the drainage area to SP-3. Under the proposed conditions, the drainage area would be 0.89 acres.

III. LANDSCAPING

The planting plan for the site consists of using a combination of 1 gallon herbaceous plants throughout the swale to provide roughness. The upper ends of each swale will be heavily planted with dense switchgrass to help protect against scour at the swale entrance. Additional trees and shrubs will be placed along the existing forest line to create a transition zone that will eventually fill in with a natural forest buffer. Turfgrass will be planted throughout the remaining portions within the limit of disturbance.

Table 1: Tree Species for Installation

TREE/SHRUB SPECIES FOR INSTALLATION					
QTY	BOTANICAL NAME	COMMON NAME	MIN. SIZE	CONDITION	SPACING
TBD	<i>Amelanchier arborea</i>	Serviceberry	1" cal	Container	As Noted

Table 2: Herbaceous Species for Installation

TREE SPECIES FOR INSTALLATION					
QTY	BOTANICAL NAME	COMMON NAME	MIN. SIZE	CONDITION	SPACING
TBD	<i>Panicum virgatum</i>	Switchgrass	1 gal	Container	As Noted
TBD	<i>Solidago rugosa</i>	Wrinkle-leaf Goldenrod	1 gal	Container	As Noted
TBD	<i>Eupatorium dubium</i>	Joe Pye Weed	1 gal	Container	As Noted

Tree impact for this project should be minimal. Two trees will need to be removed; one being a dead 2-inch tree, the second being a 2-inch Dogwood both in the southern section of the park. Coordination between Montgomery County and M-NCPPC will allow the 2-inch Dogwood to be removed and relocated on site. Tree mitigations will be finalized at the appropriate rate for the area. Tree protection will be provided during construction to minimize the impacts on the existing trees.

In order to increase infiltration in the swales, soil amendments will be recommended for the area below the bottom of the swales. The soil amendments will be amended with a percentage of compost yet to be determined, to a depth of 16 inches as per the Montgomery County DEP specifications as yet to be provided.

Exact planting plans and recommendations will be coordinated between RK&K, Montgomery County DEP, and M-NCPPC between the 60 and 90% submissions.

IV. SEDIMENT AND EROSION CONTROL

Although there are three separate sections of disturbed area for this project, they will be permitted as one single disturbance. The total disturbed area is 12,513 sq. ft. with 3,146 sq. ft and 8,167 sq. ft for the upper and lower areas respectively and 1,200 sq. ft for the eastern section. The only sediment and erosion control measures used for this project will be 457 linear feet of silt fence on the downstream perimeter of each disturbance area to keep disturbed earth from being eroded downstream during a rain event and one standard inlet protection device for the storm inlet on the east side at SP-3. Stabilized construction entrances (SCE) were not used at either location due to the increased impact they would cause. Because the limits of disturbance reach the edge of pavement at each location, an SCE would disturb more earth and require the removal of trees if used properly. SCE's are not meant to be placed on paved surfaces; for this reason, no SCE's were used for this project.

V. CONCLUSION

The proposed grass swale additions to the Valley Mill Park area are a small and relatively simple means of increasing water quality treatment to an existing site. The portion of Valley Mill Park that is treated by these swales is highly impervious. By the use of curb cuts, there will be an increased volume of previously untreated water sent through the proposed grass swales that will have the opportunity to be treated and slowed prior to entering the existing unnamed stream or stormwater inlet. There is not a significant change in time of concentration or retention times at the site, but there is an increase and a higher chance of natural treatment with minimal development required.

APPENDIX A

DESIGN COMPUTATIONS

Vicinity of Valley Mill SP

John,
 Here is a GIS map
 of Valley Mill SP
 Historical Site for
 your use w/ TAB
 HADP & ATR
 Thanks, Cheryl

Valley Mill SP











Paint Branch SVU 6

Pilgrim Hill

Paint Branch SVU 5

Park Trails

STATUS, SURFACE, USAGE

-  Hard Surface Trail, Hiking/Biking
-  Hard Surface Connector, Hiking/Biking
-  Natural Surface Trail, Hiking/Biking
-  Natural Surface Connector, Hiking/Biking
-  Natural Surface Trail, Hiking/Equestrian
-  Natural Surface Connector, Hiking/Equestrian
-  Natural Surface Trail, Shared by All
-  Natural Surface Connector, Shared by All
-  Natural Surface Trail, Hiking Only
-  Natural Surface Connector, Hiking Only

 Historic Sites

 Park Boundaries

1" = 200'



Hollister, John

From: Lampl, Joey [joey.lampl@mncppc-mc.org]
Sent: Tuesday, October 09, 2007 4:46 PM
To: Hollister, John
Subject: RE: Storm water Improvements at Valley Mill Parking Lot

Prior correspondence related to a HAWP.

John:
Sounds good to me.

From: Hollister, John [mailto:John.Hollister@montgomerycountymd.gov]
Sent: Tuesday, October 09, 2007 4:37 PM
To: Lampl, Joey
Cc: Carson, Craig
Subject: RE: Storm water Improvements at Valley Mill Parking Lot

Hello Joey,

Thanks for the information.

We will make the HAWP submittal when we make the 60% design submittals for SC/SWM and MNCPPC. We will also make the public notification at that time. I assume a brief statement noting that "A Historic Area Work Permit (HAWP) application has been made for drainage improvements at Valley Mill Park" would be sufficient (i.e., similar to the MDE Wetlands notification). Let us know if you recommend including any additional information based on your experience. Thanks again.

John H.



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

From: Lampl, Joey [mailto:joey.lampl@mncppc-mc.org]
Sent: Wednesday, October 03, 2007 12:15 PM
To: Frank, Andrew; Hollister, John
Cc: Carson, Craig; Redmond, Doug
Subject: RE: Storm water Improvements at Valley Mill Parking Lot

John:

I spoke with Anne Fothergill. Here are her answers to your questions:

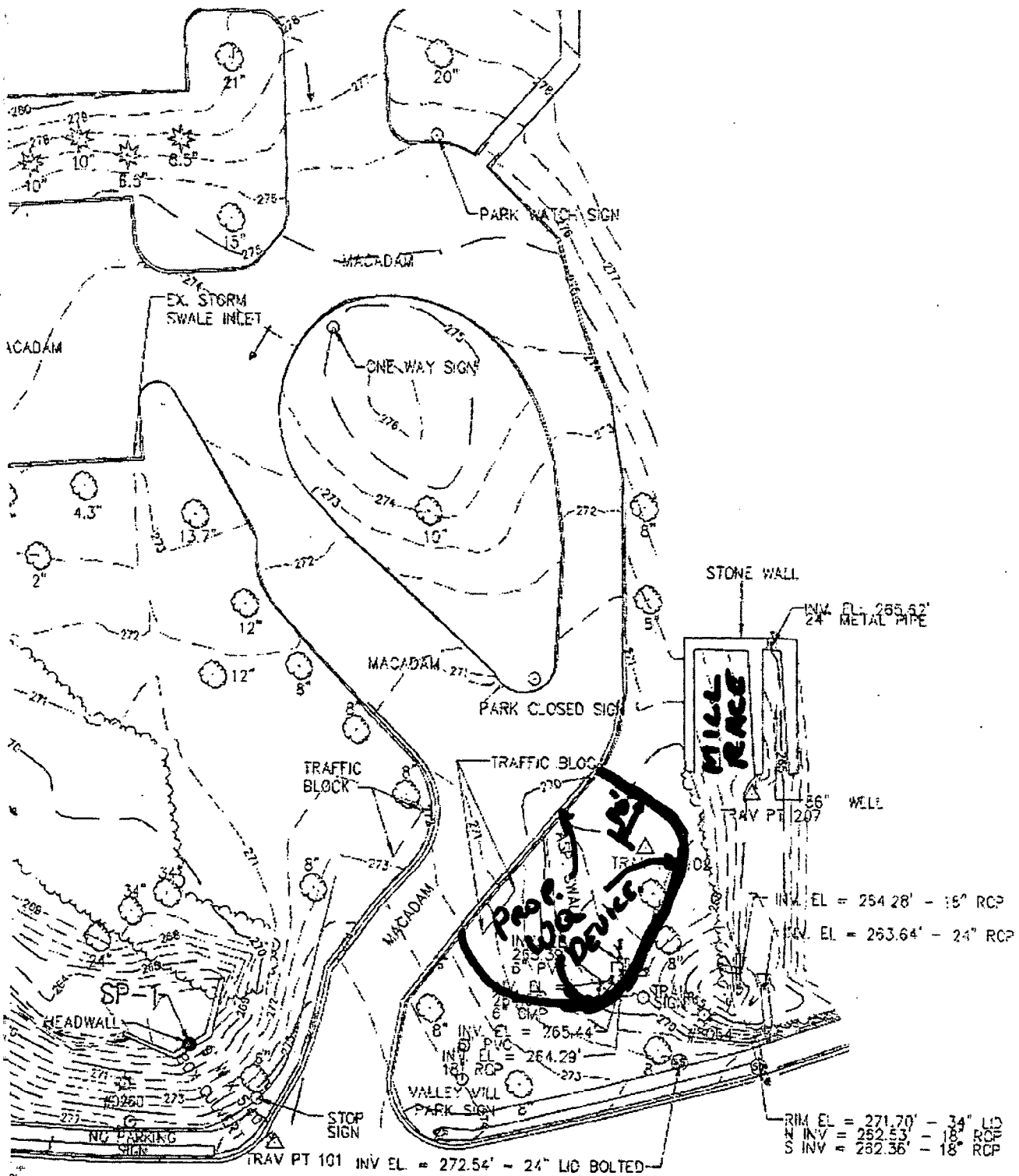
- 1) Yes, submit to DPS. They flag it and send it over to the Historic Preservation Section staff in the Department of Planning.
- 2) 60% drawings are fine.
- 3) Noticing needs to be adjacent and confronting owners. She said to use your best judgment.
- 4) No pre-submittal meeting is necessary, based on information I've given her.

Feel free to call me if you have further questions at 301-563-3414. If your questions are specific to the HAWP application and its process, you can call Kevin Manarolla at 301-563-3400, the Historic Preservation Administrative Manager.

Joey

See Attached

From: Frank, Andrew



EAST RANDOLPH ROAD

PLAN

Scale: 1" = 30'

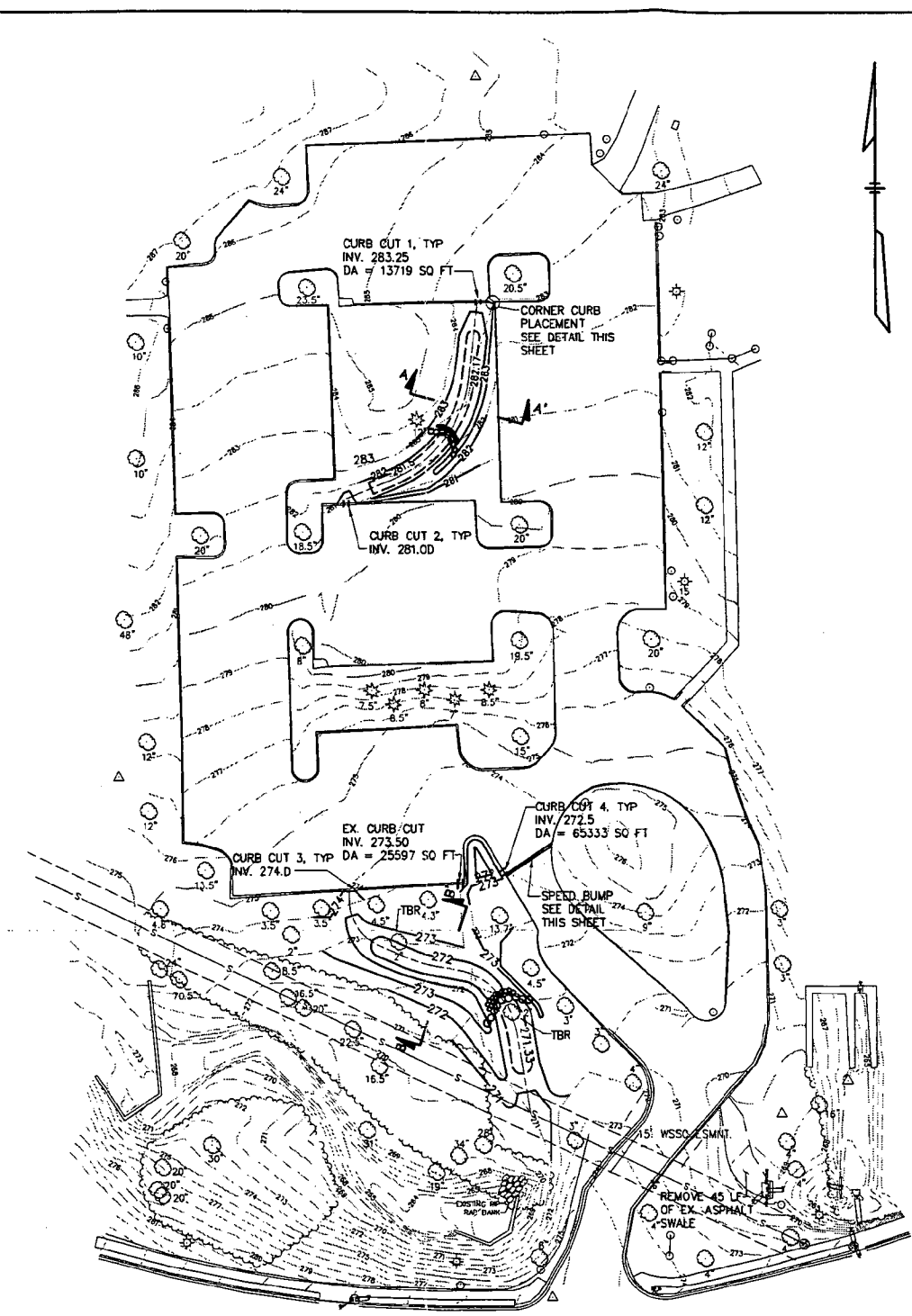
W.Q. IMPROVEMENTS LOD
5 NOMLO STAY WITHIN
10FT OF TRAV. PT. 10Z
IN THE DIRECTION OF THE
MILL RACE.

*Adjacent prop.
notifications*

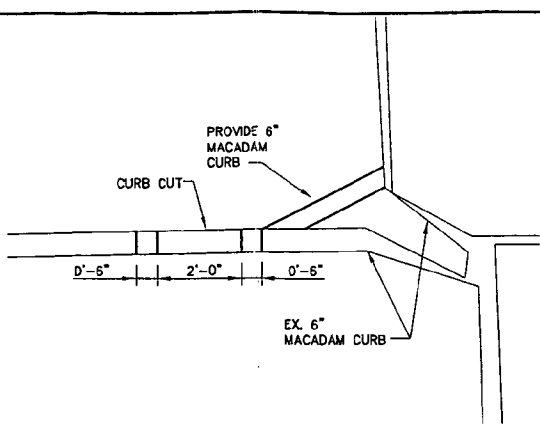
**Valley Mill Park Bioretention Project
Public Notification Map**



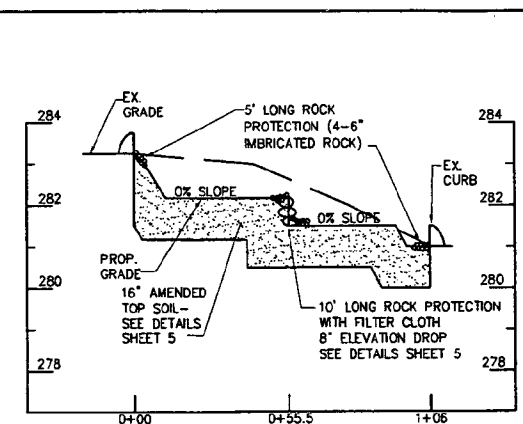
I:\projects\03-197\Task#15\Contract Drawings\DWG\04-02.dwg Nov 16, 2007 - 10:13am ENV-CIB Plot Scale 1"=1' Plot By: kgw/ear Tab:0002



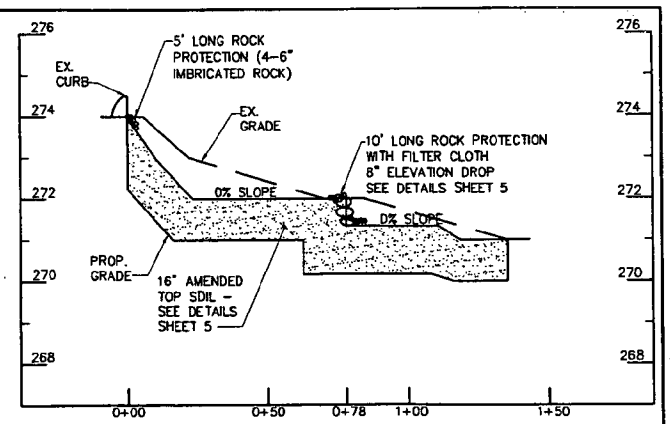
PLAN
Scale: 1" = 30'



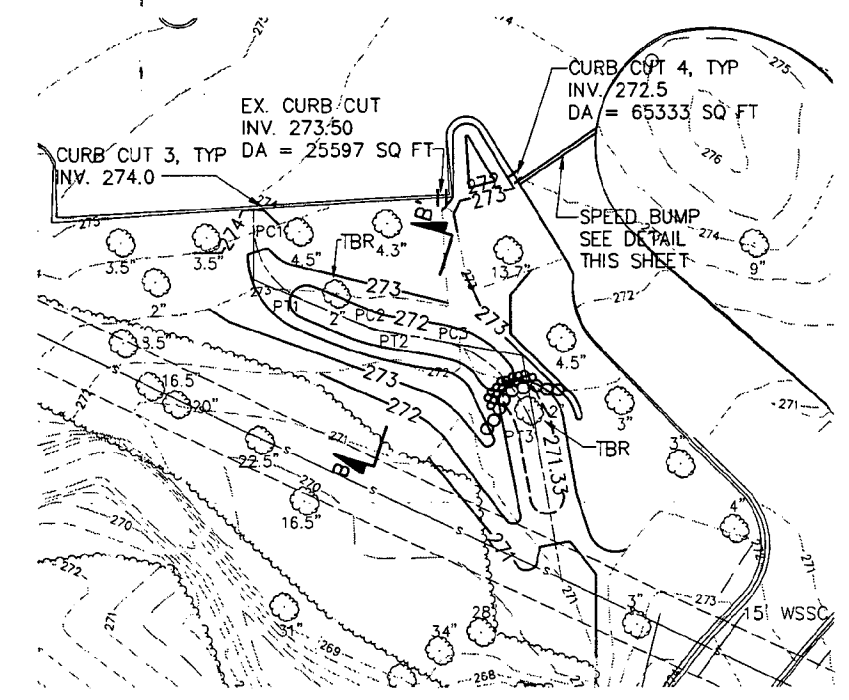
CORNER CURB PLACEMENT DETAIL
Scale: 1/2" = 1'-0"



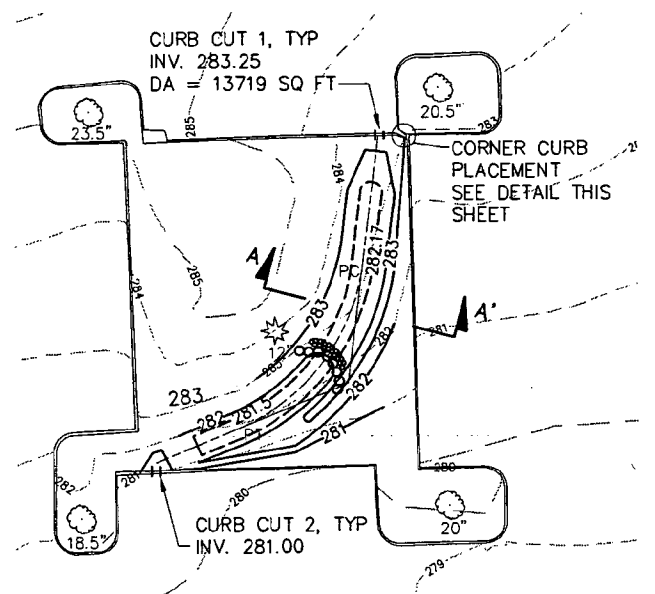
PROFILE - UPPER SWALE
Scale: 1" = 30' Hor.
1" = 2' Vert.



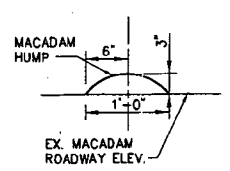
PROFILE - LOWER SWALE
Scale: 1" = 30' Hor.
1" = 2' Vert.



ALIGNMENT - LOWER SWALE
Scale: 1" = 20'



ALIGNMENT - UPPER SWALE
Scale: 1" = 20'



SPEED BUMP DETAIL
Scale: 1" = 1'-0"

NOTE:
 (1) SPEED BUMP EXTENDS ACROSS ENTIRE ROADWAY.
 (2) MAX HEIGHT SHALL BE 3 IN.

ITEM	CONTROLS	
	NORTH	EAST
UPPER SWALE		
CURB CUT 1	509781.4772	1318458.9240
PC	509750.2163	1318454.9409
PT	509709.9773	1318424.6861
CURB CUT 2	509700.1737	1318405.8626
LOWER SWALE		
CURB CUT 3	509543.3362	1318407.0960
PC 1	509539.2279	1318407.0737
PT1	509520.4417	1318419.7752
PC2	509515.8877	1318430.3876
PT2	509512.6178	1318441.2968
PC3	509510.6920	1318452.0577
PT3	509486.0504	1318474.4560
EXISTING CURB CUT		
CURB CUT 4	509456.4516	1318451.4858
	1318469.1758	1318469.1758

MCDPS 4 OF 8

MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES APPROVED FOR:		
Stormwater Management:	Sediment Control Technical Requirements:	Administrative Requirements:
Reviewed _____ Date _____	Reviewed _____ Date _____	Reviewed _____ Date _____
Approved _____ Date _____	Approved _____ Date _____	SEMI-ANNUAL PERMIT NO. _____
S.M. FILE NO. _____		

NOTE: MCDPS APPROVAL DOES NOT NEGATE THE NEED OF A MCDPS ACCESS PERMIT.
MCDPS APPROVAL OF THIS PLAN WILL EXPIRE ONE YEAR FROM THE DATE OF APPROVAL IF THE PROJECT HAS NOT STARTED UNLESS THE PERMIT HAS BEEN EXTENDED.

MONTGOMERY COUNTY
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 255 ROCKVILLE PIKE SUITE 120
 ROCKVILLE, MARYLAND, 20850

Designed By MMG Drawn By SEB Checked By LN

VALLEY MILL PARK
 BIORETENTION PROJECT

GRADING PLAN

Date: November 17, 2007 DRAWING 4 OF 8

RUMMEL, KLEPPER & KAHL, LLP
 CONSULTING ENGINEERS
 81 MOSHER STREET
 BALTIMORE, MARYLAND 21217
 (410) 728-2900

THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
 DEPARTMENT OF PARK AND PLANNING

M-NPPPC RECORD FILE NO. _____
 DATE APPROVED _____
 ENGINEERING SUPERVISOR _____
THIS IS NOT A PERMIT TO BEGIN CONSTRUCTION. This approval is for technical review only. For permit information, contact Herb De Hoff, Inspection Supervisor at (301) 452-2558.

Number	Revision	Date	By

Division Of Facility Services	Date _____
Section Chief, Facility Engineering Unit	Date _____
Chief, Capital Projects Management Section	Date _____



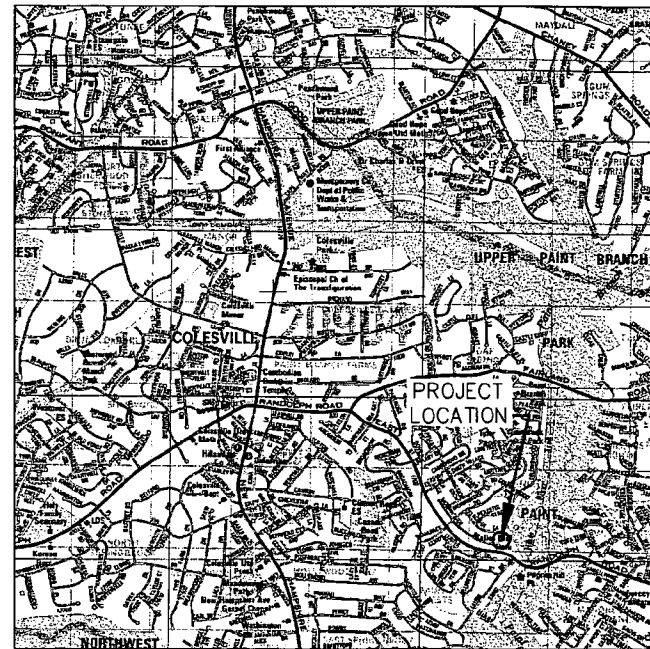
VALLEY MILL PARK BIORETENTION PROJECT MONTGOMERY COUNTY, MD

GENERAL NOTES

1. All Construction Shall Be In Accordance With The Latest Edition Of The Standard Specifications Of Montgomery County And The Washington Suburban Sanitary Commission.
2. Disturbed Areas Shall Be Seeded And Mulched.
3. Call "MISS-UTILITY" At (800) 257 7777 Forty-Eight (48) Hours Prior To Beginning Excavation To Determine The Location Of Existing Utilities.
4. Repairs To Utilities Or Property Damaged As A Result Of A Contractor's Negligence Or Method Of Operation Must Be Made At The Contractor's Expense Before Proceeding With Construction.
5. Grading Shall Be Done In Such A Manner As To Provide Positive Drainage, Unless Otherwise Indicated.
6. Topographic Mapping Produced By EBA Engineering Dated March Of 2007. The Meridian Source Of This Topographic Survey Is Based On The Maryland State Plane Coordinate System (NAD83/1991 HARN). All Distances Shown Hereon Are In U.S. Survey Feet. Elevations Refer To The National Geodetic Vertical Datum Of 1929 (NGVD 29). This Survey Was Prepared Without Benefit Of A Title Report. Survey Control Points Recovered And Used To Control This Survey Are:
 Station: WSSC 20031
 Northing: 506,062,820
 Easting: 1,375,332,825
 Elevation: 350.78
7. Information Concerning Underground Utilities Was Obtained From Available Records. Contractor Shall Determine Exact Locations And Elevations Of Lines By Digging Test Pits By Hand At UTILITY Crossings Well In Advance Of Trenching. If Clearances Are Less Than Shown, Contact WSSC's Project Inspector And The Appropriate Utility Owner Before Proceeding With Construction.

LEGEND

	Stream
	Deciduous Tree
	Coniferous Tree
	Existing Contour
	Proposed Contour
	Wetland Boundary
	100 Year Floodplain
	Centerline
	Limit of Disturbance
	Silt Fence
	Sanitary Sewer
	Traverse Point
	Light Pole
Dwg.	Drawing
Ex.	Existing
Prop.	Proposed
Inv.	Invert
Elev.	Elevation
SP	Study Point



Copyright ADC The Map People
Permitted Use Number 207D3119
Expiration Date: 03/31/08

INDEX OF DRAWINGS

SHEET NO.	TITLE
1	TITLE SHEET
2	GENERAL NOTES
3	SITE PLAN
4	GRADING PLAN
5	GRADING DETAILS
6	EROSION AND SEDIMENT CONTROL
7	TREE PROTECTION/PLANTING/SEEDING PLAN
8	FOREST STAND DELINEATION

OTHER REQUIRED PERMITS

IT IS THE RESPONSIBILITY OF PERMITTEE/OWNER OF THIS SITE TO OBTAIN ALL REQUIRED PERMITS PRIOR TO ISSUANCE OF THE APPROVED SEDIMENT CONTROL PERMIT					
TYPE OF PERMIT	REQD	NOT REQD	PERMIT NO.	EXPIRATION DATE	WORK RESTRICTION DATES
W.R.A. Waterway		X			
W.R.A. Dam Safety		X			
MCDPS Floodplain District	X				
WETLAND(S)					
a. Corps of Engineers		X			
b. DNR		X			
c. MDE Water Quality Certification	X				
OTHER (LIST)					
a. WSSC	X				

LOCATION MAP

Scale: 1" = 2000'

MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES APPROVED FOR:		MCDPS 1 OF 8
Stormwater Management: _____ Reviewed _____ Date _____ Approved _____ Date _____ SJ: FILE NO. _____	Sediment Control Technical Requirements: Reviewed _____ Date _____ Approved _____ Date _____	Administrative Requirements: Reviewed _____ Date _____ SEDIMENT CONTROL PERMIT NO. _____ <small>MCDPS APPROVAL OF THIS PLAN WILL EXPIRE ONE YEAR FROM THE DATE OF APPROVAL IF THE PROJECT HAS NOT STARTED UNLESS THE PERMIT HAS BEEN EXTENDED.</small>

MONTGOMERY COUNTY, MARYLAND DEPARTMENT OF PERMITTING SERVICES FINAL APPROVAL DATE _____ BY _____

SUBJECT TO DEDICATION OF RIGHT OF WAY AND EASEMENTS PER COUNTY CODE SECTION 50

60% DESIGN

MONTGOMERY COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION 255 ROCKVILLE PIKE SUITE 120 ROCKVILLE, MARYLAND, 20850

Designed By _____ Drawn By _____ Checked By _____

VALLEY MILL PARK
BIORETENTION PROJECT

TITLE SHEET

Date: November 17, 2007 DRAWING 1 DF 8

THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION DEPARTMENT OF PARK AND PLANNING M-NOPPC RECORD FILE NO. _____ DATE APPROVED _____ ENGINEERING SUPERVISOR _____ THIS IS NOT A PERMIT TO BEGIN CONSTRUCTION! This approval is for Technical Review only. For permit information, contact Mary By Wolf, Inspection Supervisor at (301) 495-2558

Number	Revision	Date	By	Division Of Facility Services	Date
				Section Chief, Facility Engineering Unit	Date
				Chief, Capital Projects Management Section	Date

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