

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 525229

AGENCY REVIEW: _____

DATE 8/24/2006

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

- CHECK AS NEEDED:
- CONSTRUCT NEW SEPTIC SYSTEM(S)
 - REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
 - REPLACE AN EXISTING SEPTIC SYSTEM

- CHECK AS NEEDED:
- NEW STRUCTURE(S)
 - ADDITION TO AN EXISTING STRUCTURE
 - REPLACE AN EXISTING STRUCTURE

- CHECK ONE:
- CREATE NEW LOT(S)
 - BUILD ON AN EXISTING LOT IN A SUBDIVISION
 - BUILD ON AN EXISTING PARCEL OF RECORD

- IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?
- YES
 - NO

- THE TYPE OF STRUCTURE IS:
- RESIDENTIAL WITH 4 PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
 - COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
 - INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Yusef Hemby & Christina Hemby

DAYTIME PHONE 410-442-3613 CELL _____ FAX _____

MAILING ADDRESS 1100 Trowbridge Ct. Abingdon Md. 21009-1096
STREET CITY/TOWN STATE ZIP

APPLICANT DRS & Associates

DAYTIME PHONE 410-876-6040 CELL _____ FAX _____

MAILING ADDRESS 52 Winters St. Westminster Md. 21157
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Freeman Property LOT NO. 3

PROPERTY ADDRESS 1430 Daisy Road Woodbine 21777
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 8 GRID 7 PARCEL(S) 352 PROPOSED LOT SIZE 0.995 Ac.

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. [Signature]
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AP525229

104

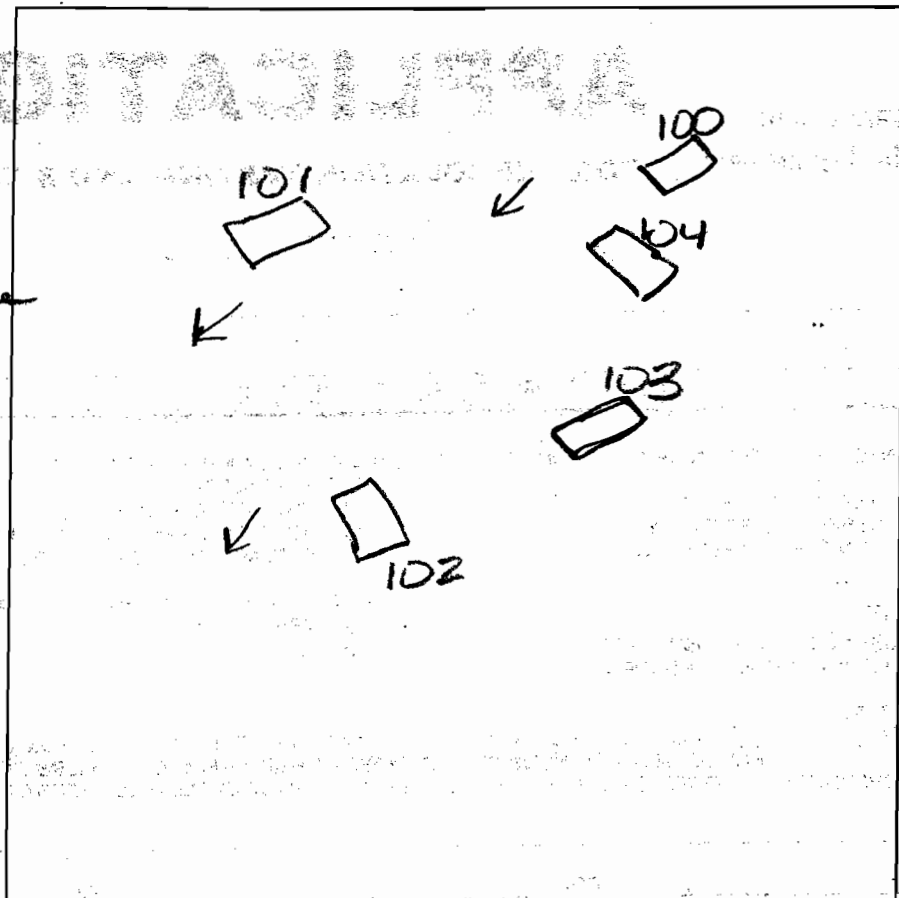
1' Brown SLM
 1' Red Brown SLM Tight/med structure
 4' Channeled Saprolite
 15-20' Brown Lm weathered rock soft mica/schist
 13'

100

1' Brown SLM
 1' Red Brown SC 15-20% Channeled
 5' Reddish Brown Fine SLM mica/schist
 7 1/2' Channeled strong Decayed Rock
 13'

103

1' Red Brown SC
 1' Red Brown SLM Firm strong structure
 3 1/2' Saprolite
 5' Brown Lm 10-15% mica/schist
 7' Brown Lm SLM
 13 1/2'



DAISY RD

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
8/24	100	5' 1/3'	1:14	—	—	—	F
		6' 1/3'	1:41	1:49	—	—	F
8/24	103	5' 1/3'	1:39	1:46	1:56	10	P
8/24	101	5.5' 1/35'	1:56	2:04	2:21	17	P
8/24	102	5' 1/3'	2:30	2:35	2:46	11	P
8/24	104	5' 1/3'	3:04	3:09	3:17	8	P

101

1' Brown SLM
 5' Red Br SLM Strong-mass structure
 Strong Brown Lm massive 15-20% Saprolite/channeled
 7' Fine Br SLM

102

1' Brown SLM
 1' Red Brown SLM
 3' Channeled Lm Saprolite
 5' ROOTS STOP
 7' Channeled SLM Soft mica/schist weathered Rock
 13'

REMARKS
 SANITARIAN AT/SF/RB BACKHOLE FOGLE OTHERS Mark, Dan, John
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

1430 Daisy Rd / Freeman Property

SEQUENCE OF CONSTRUCTION

1. Obtain grading permit.	1 Day
2. Install Sediment and Erosion Control Devices as shown on plan.	1 Day
3. Clear and grub to limits of disturbance and mass grade to sub-base	1 Day
4. Install temporary seeding.	1 Day
5. Construct Buildings.	2 Months
6. Fine grade site and install permanent seeding and landscaping.	1 Day
7. Remove Sediment Control Devices as upland areas are stabilized and permission is granted by Erosion and Sediment Control Inspector.	2 Days

SEDIMENT CONTROL NOTES

- A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction (313-1855).
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the most current Maryland Standards and Specifications for soil erosion and sediment control and revisions thereto.
- Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes steeper than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
- All sediment traps/basins shown must be fenced and warning signs posted around the perimeter in accordance with Vol. 1, Chapter 12, of the Howard County Design Manual, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1994 Maryland Standards and Specifications for Soil Erosion and Sediment Control for Permanent Seeding (sec. 54), Temporary Seeding (Sec. 50), and Mulching (sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- Site Analysis:

Total Area of Site	1.0891 Acres
Area Disturbed	0.6544 Acres
Area to be roofed and paved	0.1085 Acres
Area to be vegetatively stabilized	0.5459 Acres
Total Cut	939 Cu. Yards
Total Fill	939 Cu. Yards
Offsite Waste/Borrow Area Location	N/A
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment controls must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
- On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
- Trenches for the construction of utilities is limited to three pipe lengths or that which shall be back-filled and stabilized within one working day, whichever is shorter.

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redistributed where a short-term vegetative cover is needed.

Seedbed Preparation:
Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

Soil Amendments:
Apply 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq. ft.).

Seeding:
For the periods March 1 through April 30, and August 15 through November 15, seed with 1 1/2 bushels per acre of annual rye (3.2 lbs./1000 sq. ft.). For the period of May 1 thru August 14, seed with 3 lbs./acre of weeping lovegrass (0.7 lbs./1000 sq. ft.). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

Mulching:
Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal./1000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal./1000 sq. ft.) for anchoring.

Refer to the 1988 Maryland Standards and Specification for Soil Erosion and Sediment Control for rate and methods not covered.

PERMANENT SEEDING NOTES

All disturbed areas shall be stabilized as follows:

Seedbed Preparation:
Loosen upper three inches of soil by raking, disking or other acceptable means before seeding.

Soil Amendments:
Apply two tons per acre dolomitic limestone (92 lbs./1000 sq. ft.) and 600 lbs. per acre 0-20-20 fertilizer (14 lbs./1000 sq. ft.). Before seeding harrow or disc into upper 3 inches of soil. At time of seeding, apply 400 lbs. per acre 38-0-0 ureaform fertilizer (9 lbs./1000 sq. ft.) and 500 lbs. per acre (11.5 lbs./1000 sq. ft.) of 10-20-20 fertilizer.

Seeding:
For the periods March 1 through April 30, and August 1 through October 15, seed with 100 lbs. per acre (2.3 lbs./1000 sq. ft.) of Kentucky 31 Tall Fescue. For the period of May 1 thru July 31, seed with 60 lbs./acre (1.4 lbs./1000 sq. ft.) Kentucky 31 Tall Fescue and 2 lbs. per acre (0.05 lbs./1000 sq. ft.) of weeping lovegrass. During the period of October 16 thru February 28, protect site by:
Option 1) Applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring.
Option 2) Use sod.
Option 3) Seed with 100 lbs./acre Kentucky 31 Tall Fescue and mulch with two tons/acre well anchored straw. All slopes should be hydroseeded.

Mulching:
Apply 1 1/2 to 2 tons per acre (45 to 90 lbs./1000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using 200 gallons per acre (5 gal./1000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal./1000 sq. ft.) for anchoring.

Maintenance:
Inspect all seeded areas and make needed repairs, replacements and reseedings.

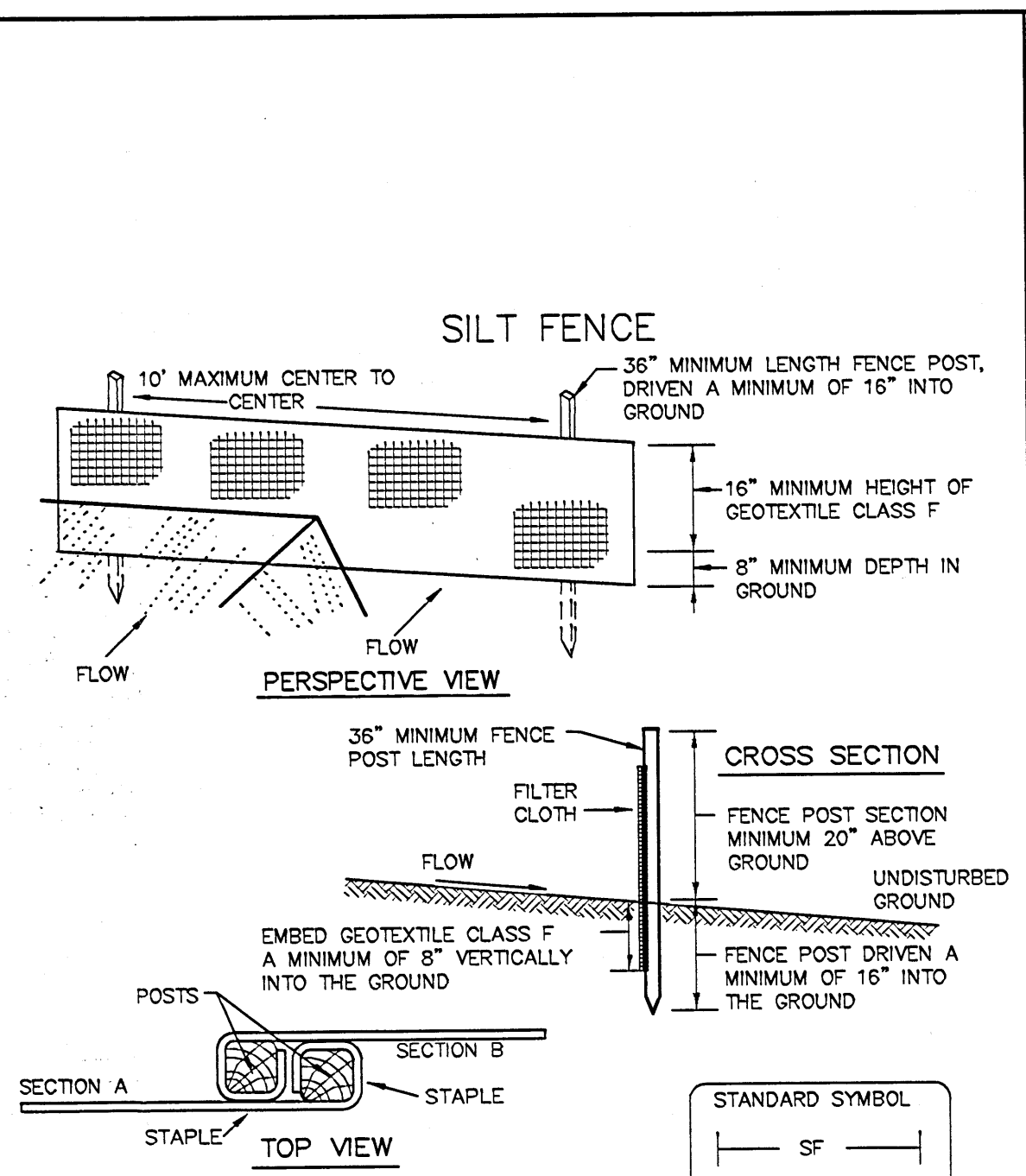
*For public ponds substitute Chemung Crownmetch at 15 lbs./acre and Kentucky 31 Tall Fescue at 40 lbs./acre as the seeding requirement. Optimum seeding date for this mixture is March 1 to April 30.

TOPSOIL SPECIFICATIONS

Soil to be used as topsoil must meet the following:
Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam or loamy sand. Other soils may be used if recommended by an agronomist or soil scientist and approved by the appropriate approval authority.
Regardless, topsoil shall not be a mixture of contrasting texture subsoils and shall contain less than 5% by volume of cinders, stones, slag, coarse fragments, gravel, sticks, roots, trash or other materials larger than 1 1/2" in diameter.

Topsoil must be free of plants or plant parts such as bermuda grass, quackgrass, johnsongrass, nuttseed, poison ivy, thistle or others as specified.

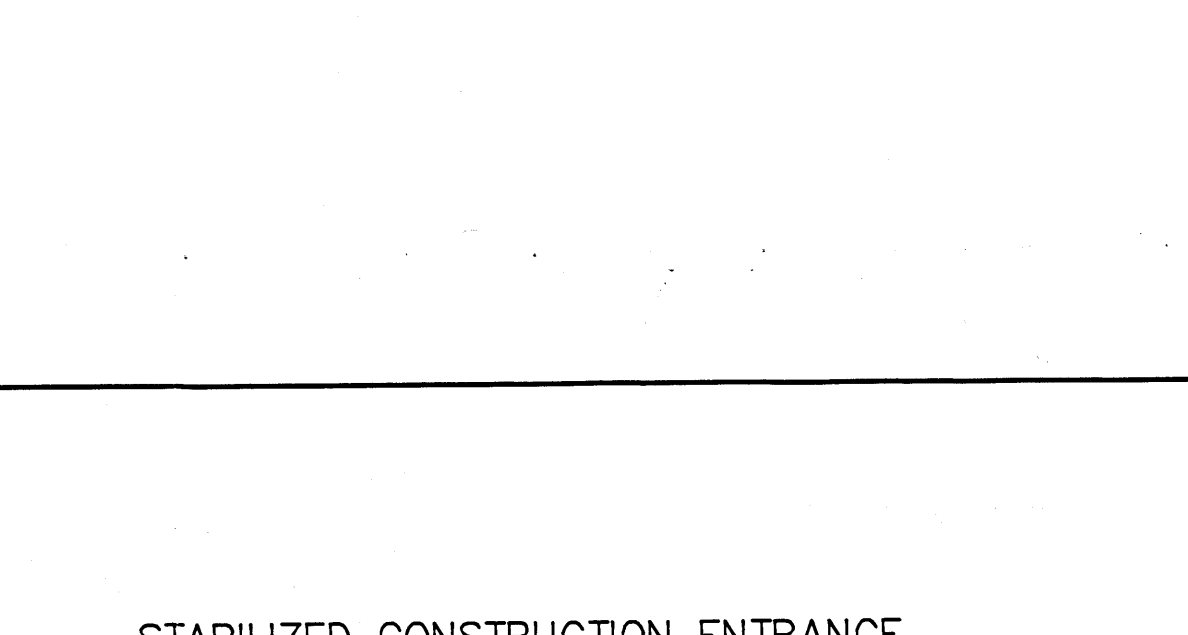
Where the topsoil is either highly acidic or composed of heavy clays, ground limestone shall be spread at the rate of 4-8 tons/acre (200-400 lbs./1000 sq. ft.) prior to the placement of topsoil. Lime shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations.



JOINING TWO ADJACENT SILT FENCE SECTIONS

Construction Specifications

- Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pound per linear foot.
- Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:
Tensile Strength: 50 lbs/in (min.) Test: MSMT 509
Tensile Modulus: 20 lbs/in (min.) Test: MSMT 509
Flow Rate: 0.3 gal./ft./minute (max.) Test: MSMT 322
Filtering Efficiency: 75% (min.) Test: MSMT 322
- Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
- Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.



Construction Specification

- Length - minimum of 50' (*30' for single residence lot).
- Width - 10' minimum, should be flared at the existing road to provide a turning radius.
- Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. **The plan approval authority may not require single family residences to use geotextile.
- Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
- Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
- Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

Approved for private water and private sewerage

[Signature] 10/27/06
Howard County Health Officer Date

GENERAL NOTES

- Subject Property Zoned: RC-DEO.
- Total area of property: 43,347 sq. ft.
- Septic easement subject to Howard County Health Department review.
- Length of trench to be determined at time of septic permit issuance.
- Contractor/Builder to verify elevation in the field before beginning any construction.
- Field run topographic survey run by Fisher, Collins & Carter, Inc in May of 2004.
- No wetlands currently exist on the property.
- For driveway entrance detail refer to Howard County Design Manual Volume IV Standards Detail RS.05.
- This area designates a private sewerage easement that is 5,873 square feet as required by the Maryland State Department of the Environment for individual sewerage disposal. Improvements of any nature in this area are restricted until public sewerage is available. These easements shall become null and void upon connection to a public sewerage system. The County Health Officer shall have the authority to grant adjustments to the private sewerage easement. Recordation of a modified sewerage easement shall not be necessary. Lot was recorded April 19, 1977.
- The lot shown herein complies with the minimum ownership width and lot area as required by the Maryland State Department of the Environment.
- Existing wells and/or sewerage easements within 100 feet of the property have been shown from the best available information.
- All house sites shown comply with minimum building restriction regulations.
- All wells shall be drilled prior to final plat recordation. It is the developer's responsibility to schedule the well drilling prior to final plat submission. It will not be considered "government delay" if the well drilling holds-up the Health Department signature of the record plat.
- The existing well shown on this plan identified with the attached well tag number HO-73-1799 has been field located by DRS & Associates professional land surveyor and is accurately shown.
- There is no stockpile area located on site, stockpiling will not be permitted on site.

SEPTIC TEST LEGEND

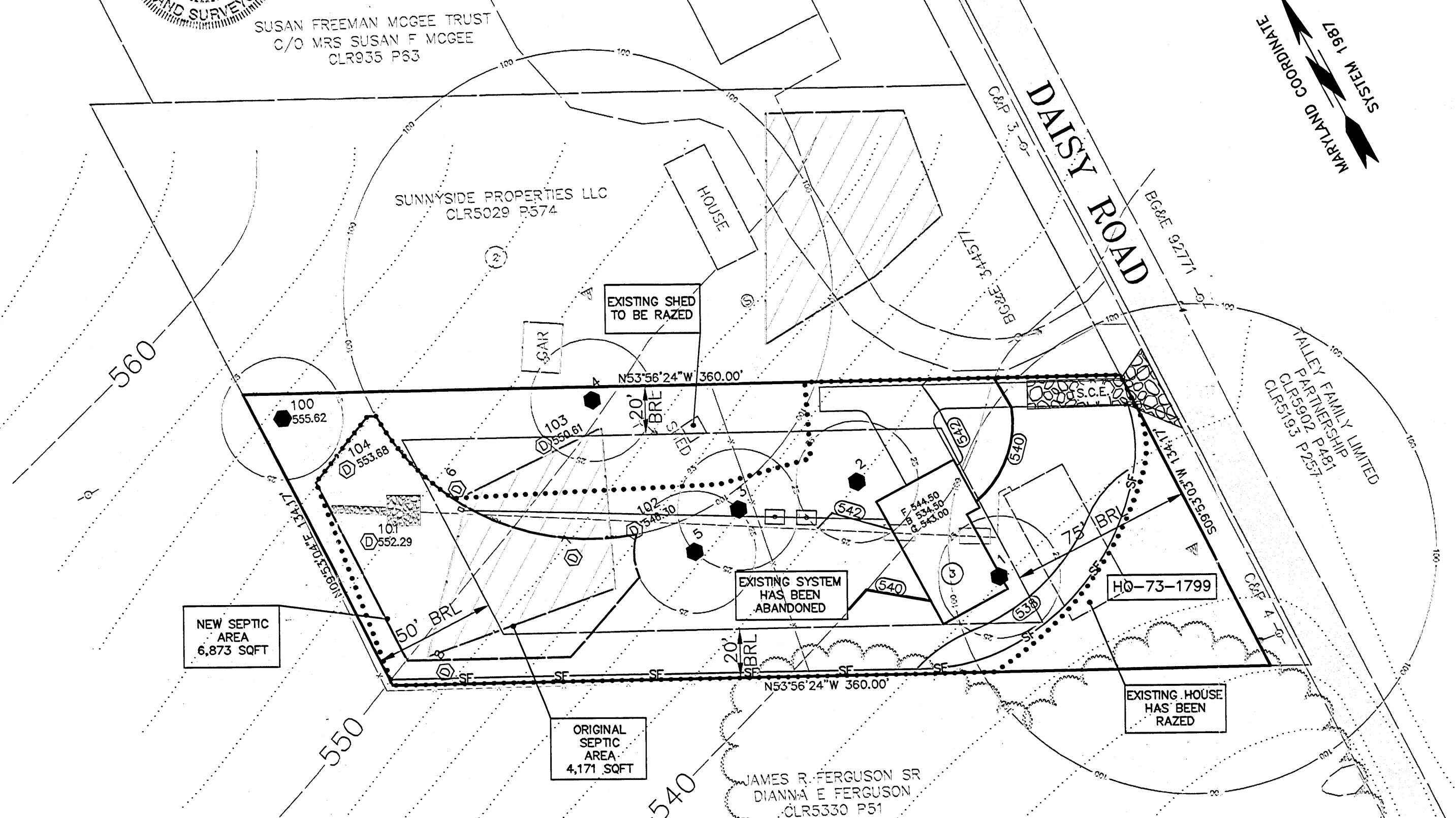
○ PROPOSED PERC	○ PROPOSED OBSERVATION HOLE
⊙ APPROVED DEEP TRENCH PERC	⊙ APPROVED DEEP TRENCH OBSERVATION HOLE
⊙ APPROVED MODIFIED TRENCH PERC	⊙ APPROVED MODIFIED TRENCH OBSERVATION HOLE
⊙ APPROVED SAND MOUND PERC	⊙ APPROVED SAND MOUND OBSERVATION HOLE
⊙ APPROVED TILE FIELD PERC	⊙ APPROVED TILE FIELD OBSERVATION HOLE
● FAILED PERC	● FAILED OBSERVATION HOLE
○ NO TEST	

SEPTIC TEST RESULTS

No.	TYPE TEST	COMMENTS	DATE
1	● WATER @ 6'		1976-10-21
2	● 4' FAILED		1976-10-21
3	● 4' FAILED		1976-10-21
4	● 4' FAILED		1976-10-21
5	● WATER @ 12'		1976-10-21
6	⊙ 6m@4.5', 15m@13'		1976-10-21
7	⊙ 13m@4.5', 17m@13'		1976-10-21
8	⊙ 15m@4.5'		1976-10-21
100	● 13' FAILED		2006-08-24
101	⊙ 17m@5.5', ok to 13.5'		2006-08-24
102	⊙ 11m@5', ok to 13'		2006-08-24
103	⊙ 10m@5', ok to 13'		2006-08-24
104	⊙ 8m@5', ok to 13'		2006-08-24

THIS IS TO CERTIFY THAT THE PERCOLATION TESTS ARE ACCURATELY SHOWN AS PERFORMED IN THE FIELD.

[Signature] 10/27/06
DANIEL R. STALEY, S. #18735 DATE

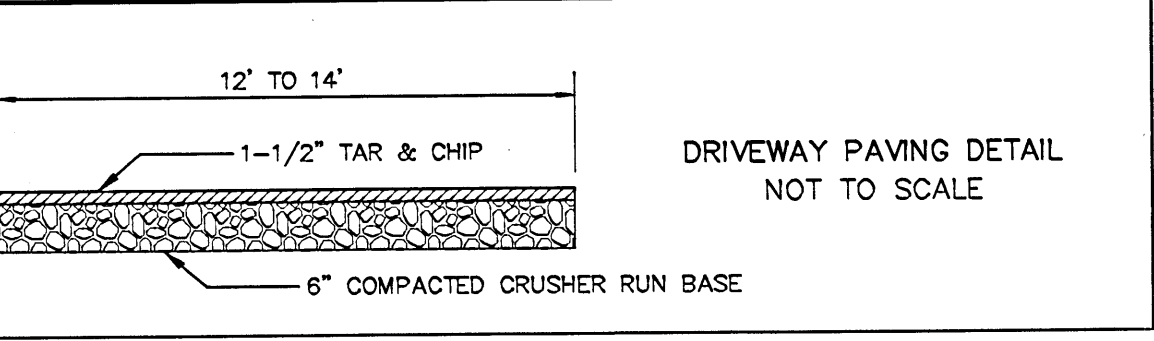


Reviewed for Howard County Soil Conservation District and meets technical requirements.

U.S.D.A. Natural Resources Conservation Service Date

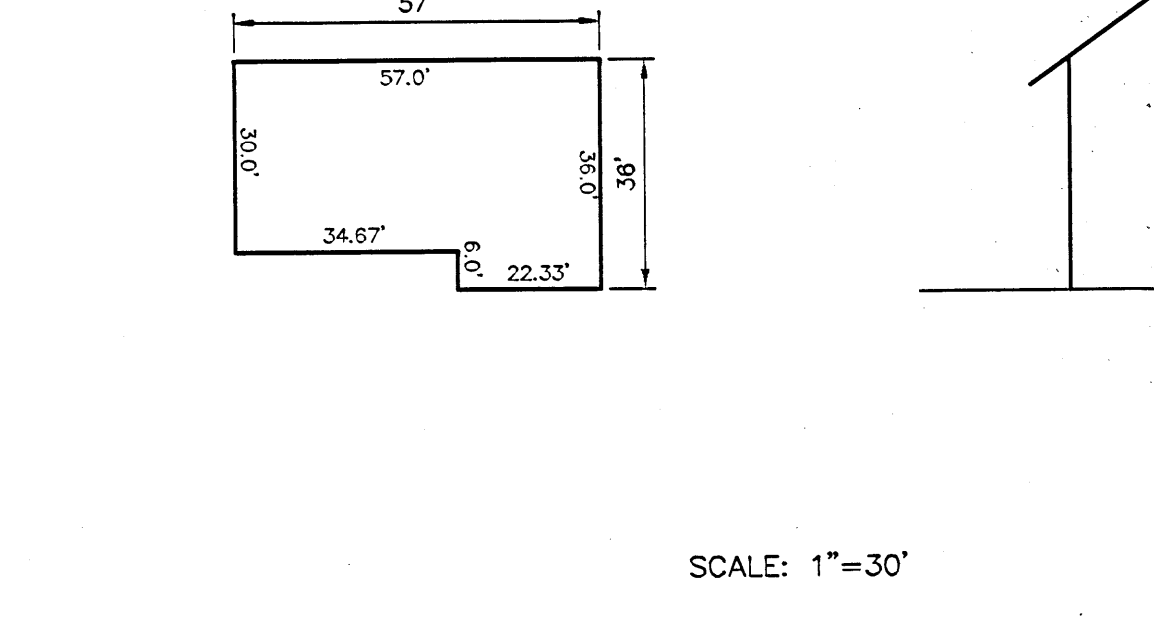
This Development is approved for soil erosion and sediment control by the Howard County Soil Conservation District. Approved: *[Signature]* Date

Howard Soil Conservation District



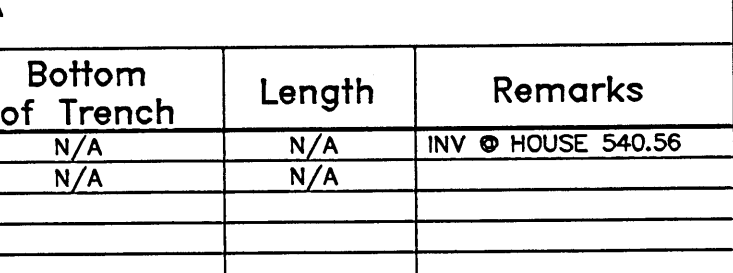
SEPTIC SYSTEM DATA

Structure	Ex. Ground	Finished Ground	Inv. In	Inv. Out	Bottom of Trench	Length	Remarks
Septic Tank	543.00	543.00	540.00	539.75	N/A	N/A	INV @ HOUSE 540.58
Pump Pit	543.50	543.50	539.50	539.25	N/A	N/A	
Distribution Box	551.00	551.00	549.00	548.83			
Trench #1							
Trench #2							



BUILDER/DEVELOPER
PATPSO HOMES, INC.
13898 FORSYTHE ROAD
SYKESVILLE, MD 21784
410-442-2421

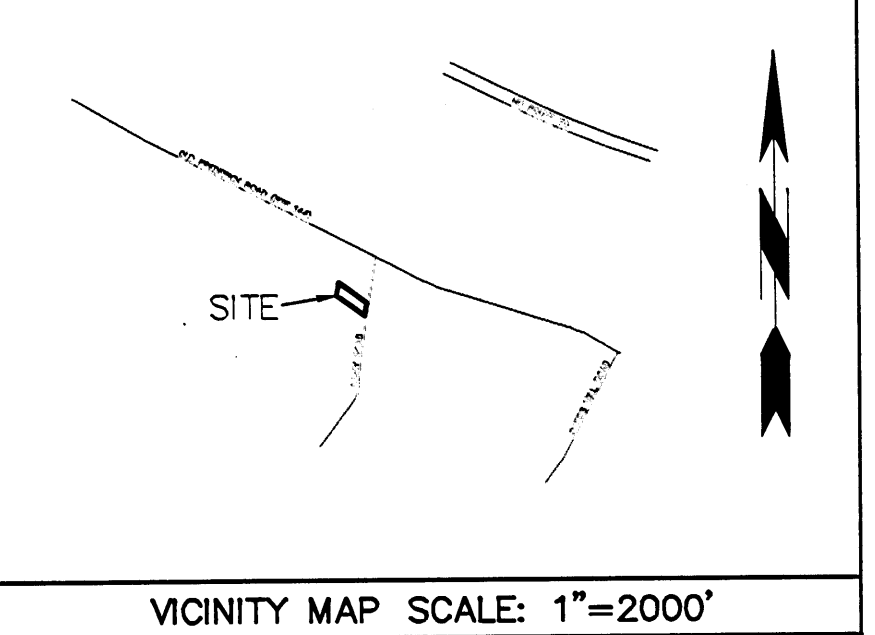
OWNER
YUSEF HEMBY & CHRISTINA HEMBY
1100 TROWBRIDGE COURT
ABINGDON MD 21009-1096
410-442-3613



VICINITY MAP SCALE: 1"=2000'

LEGEND

Existing	Proposed
Cable Line	Cable Line
Center Line Rd	Center Line Rd
Curb	Curb
Easement	Easement
Electric	Electric
Edge of Rd	Edge of Rd
Edge of Shoulder	Edge of Shoulder
Feature separation distance in feet	Feature separation distance in feet
Fence	Fence
Flood Boundary 500 Yr.	Flood Boundary 500 Yr.
Flood Boundary 100 Yr.	Flood Boundary 100 Yr.
Forest	Forest
Forest Cons. Esmt.	Forest Cons. Esmt.
Flow Line (Swale,Ditch,Waterway)	Flow Line (Swale,Ditch,Waterway)
Gas Line	Gas Line
Guardrail	Guardrail
Ind. Contours	Ind. Contours
Int. Contours	Int. Contours
Limits of Disturbance	Limits of Disturbance
Lot Line	Lot Line
Municipal Boundary	Municipal Boundary
Overhead Lines	Overhead Lines
Plot Outline	Plot Outline
Right-Of-Way Line	Right-Of-Way Line
Septic Area	Septic Area
Set Back Line	Set Back Line
Sewer	Sewer
Soil Type	Soil Type
Storm drain	Storm Drain
Stream	Stream
Stream Intermittent Soil Survey	Stream Intermittent Soil Survey
Stream Buffer	Stream Buffer
Telephone	Telephone
Underground Cable	Underground Cable
Water Line	Water Line
Zoning Line	Zoning Line
Bit. Conc. Pav.	Bit. Conc. Pav.
Concrete	Concrete
Baseline/Centerline Point	Mail Box
Cable Marker	Manhole
Clean Out, Sewer/Drain	Pole Light
Coniferous Tree	Shrub
	Sign / FCE Sign
	Shrub
	Specimen Candidate Tree
	Spring
	Structure
	Telephone Pedestal
	Water Curb Box
	Water Meter
	Water Valve
	Utility Pole
	Utility Pole w/Guy Wire
	Well



ABBREVIATIONS

ABBREVIATIONS	MINUTES
100FB	100 YEAR FLOOD BOUNDARY
AASHTO	NORTH AMERICAN ASSOCIATION OF STATE HIGHWAY & TRANSPORTATION OFFICIAL
ALOMP	ALUMINUM CORRUGATED METAL PIPE
ASP	ASPHALT
B	BASELINE
BCOMP	BITUMINOUS COATED CORRUGATED METAL PIPE
BEG	BEGR
BLP	BASELINE
BCLN	BEGIN LINEAR PROFILE
BRL	BUILDING RESTRICTION LINE
C-C	CENTER TO CENTER
CUL-DE-SAC	CUL-DE-SAC
CL	CENTERLINE OR CLASS
COMP	CORRUGATED METAL PIPE
CO	CLEAN OUT
CRDB	COUNTY ROAD DEED BOOK
CRPB	COUNTY ROAD PLAT BOOK
Dn	DRAINAGE ELEVATION
DE	ENTRANCE ELEVATION
DESW	EMERGENCY SPILLWAY ELEVATION
DELEV	ELEVATION
END	END LINEAR PROFILE
EXIST	EXISTING GROUND LINE
FF	FIRST FLOOR ELEVATION OF FOLIO
FCE	FOREST CONSERVATION EASEMENT
G	GRADE
GR	GRASS WATERWAY
GRW	GRASS WATERWAY
HDPE	HIGH DENSITY POLYETHYLENE
HC	HORIZONTAL GRADIENT
HOR	HORIZONTAL
HP	HIGH POINT
IN	INGRESS & EGRESS EASEMENT
INV	INVERT
L	LEFT OF LOT
LF	LINEAR FEET
LP	LOW POINT
MAD	NORTH AMERICA DATUM
NAVD	NORTH AMERICA VERTICAL DATUM
NDC	NOSE DOWN CURB
NIC	NOT IN CONTRACT
OS	OFFSET
PAGE	PAGE
PB	PLAT BOOK
PC	POINT OF CURVE
PDFD	PERMIT EASEMENT FOR DRAINAGE FACILITY
PGL	PROFILE GRADE LINE
PT	POINT OF TANGENT
PR	PROFILE
PVI	POINT OF VERTICAL CURVE
PVT	POINT OF VERTICAL TANGENT
PWA	PUBLIC WORKS AGREEMENT
Q	CUBIC FEET PER SECOND
R	RIGHT OF WAY
RCP	REINFORCED CONCRETE PIPE
SC	SEWER CONNECTION
SD	STORM DRAIN
SH	SHEET
SHA	MARYLAND STATE HIGHWAY
SHR	SHRINKAGE
SS	SANITARY SEWER
TCS	TOP CONSTRUCTED BERM
TCD	TOP CONSTRUCTED DAM
TOD	TOP OF DAM
TOS	TOP OF BERM
TOT	TOP OF TRENCH
TOT	TOP OF DAW
TOT	TOP OF GRADE
TOR	TOP OF RIM
TYP	TYPICAL
U-I-C	USE-IN-COMMON
V	VERTICAL
VERT	VERTICAL
WL	WATERLINE
WC	WATER CONNECTION
WO	WALKOUT

PERCOLATION CERTIFICATION PLAN/SITE PLAN AND SEDIMENT EROSION CONTROL PLAN, NOTES & DETAILS

FREEMAN PROPERTY
LOT 3

ZONED RC-DEO
4TH ELECTION DISTRICT

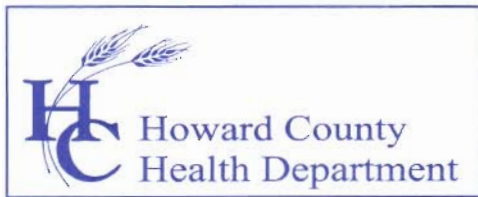
PLAT NO. 3673
HOWARD COUNTY, MARYLAND

D.R.S. & ASSOCIATES
LAND DESIGN CONSULTANTS
52 WINTERS STREET WESTMINSTER, MARYLAND 21157
410-848-4060 410-876-6040 F. 410-876-7603

REVISIONS

REV. NO.	DATE	BY	DESCRIPTION	DATE: 2006-06-12
1	2006-08-16	DRS/jfs	PER HCHD 2006-08-15	SCALE: 1"= 40'
2	2006-08-29	DRS/jfs	ADD PERC RESULTS	SHT. NO. 1 OF 1
3	2006-09-14	DRS/jfs	PER HCHD 2006-09-14	DWG.: ST01-01
4	2006-09-25	DRS/jfs	PER HCHD 2006-09-19	

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Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

August 28, 2006

Yusef and Christina Hemby
1100 Trowbridge Court
Abingdon, Maryland 21009

RE: PERCOLATION TEST RESULTS -525229
1430 Daisy Road Lot 3

Dear Mr. and Mrs. Hemby:

Percolation testing conducted August 2006 on the referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer/surveyor of a percolation certification plan showing the following:

- 1) Actual locations and elevations of all excavated test holes
- 2) Proposed building and septic system
- 3) Locations of existing structures, wells, and septic areas including tanks and drywells
- 4) Locations of any other relevant features such as slopes, streams, swales, and utility easements
- 5) Septic area has a 25' setback from abandoned wells and swales
- 6) Topography needs to be on 2' contour intervals
- 7) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 8) A note stating "Existing septic to be abandoned prior to building permit approval"
- 7) A note indicating that depicted topography reflects field-matched information
- 8) A health officer signature block stating "approved for private water and private sewer systems"
- 10) A MDE sewage disposal area statement is required
- 11) MDE minimum lot width statement
- 12) Include A# in the title block

If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-1775.

Sincerely,

Ashley Trump
Well and Septic Program
Development Coordination Section

Enclosures
Cc: File

September 27, 2005

Howard County Health Dept.
Water and Sewerage Dept.
7178 Columbia Gateway Dr.
Columbia, MD 21046-2132

RE: 1430 Daisy Rd., Woodbine, MD 21797

To Whom It May Concern:

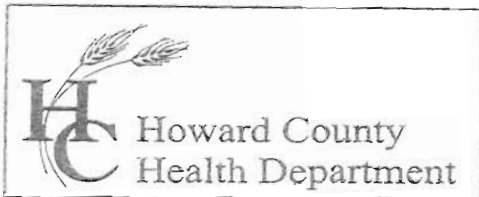
Patapsco Homes, Inc. has applied for a demolition permit for the above property, 1430 Daisy Rd., Woodbine, MD. The existing 3 bedroom dwelling built in 1920 (1,312 sq. ft.) will be razed and a new residential dwelling will be built on the site in accordance with Howard County building requirements. The existing well and septic field will be retained, undisturbed, and protected with the proper setbacks from the new house. A copy of the plat is attached for your review.

We are requesting a release from your department so that we can demolish the house. All other required agencies have approved the request.

Thank you in advance and call me directly at 410-984-0264 with any questions.

Sincerely,

Mark Hufnagel
Broker



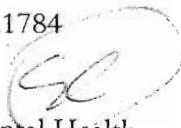
Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

September 30, 2005

MEMORANDUM

TO: Mr. Mark Hufnagel for Patapsco Homes, Inc.
13845 Forsythe Road
Sykesville, Maryland 21784

FROM: Stuart F. Oster, R.S. 
Bureau of Environmental Health
Well and Septic Program

RE: 1430 Daisy Road
Freeman Property, .995 Ac.
Map 8, Grid 7, Parcel 352, Lot 3

This is to advise that the Howard County Health Department recommends issuance of the demolition permit for the above referenced property. The existing well and septic trench will be utilized for the replacement house. Mr. Hufnagel has agreed to the following conditions set forth by the Health Department:

Before demolition, the well and septic system that served the current house must be properly disconnected and sealed off. Also, protective devices placed around them to prevent any damage. These precautions should remain in place during the demolition and construction phases. The well (HO-73-1799) can be reconnected to the new house.

Because of its age, the septic system condition and size will have to be evaluated by our Development Coordination Section and possibly a 10,000 Sq. Ft. septic reserve area be established before a building permit is approved.

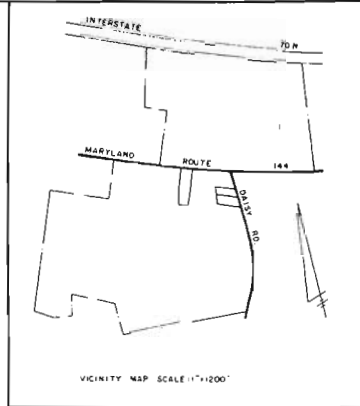
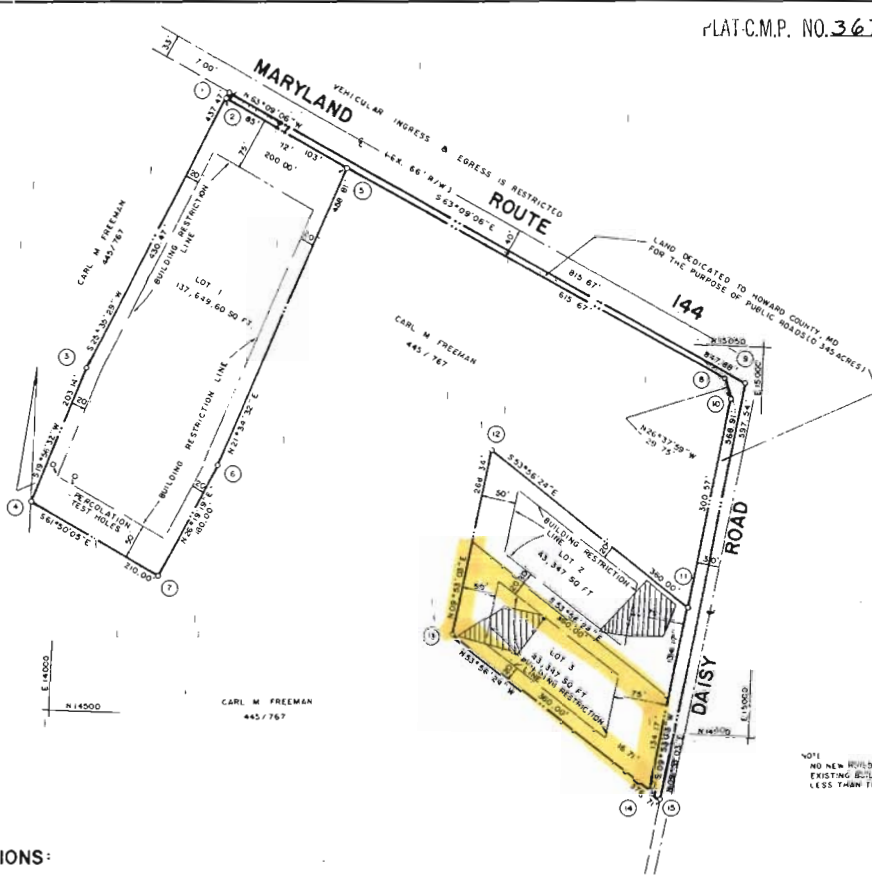
A new septic permit covering proper sizing of the system, possible new tank installation, hook up to the existing trenches and house connection will need to be obtained. A well inspection will be required for final approval when reconnecting to the new house. Additionally, applicable water tests for issuance of an ICOP will be needed.

Cc: File

 2/30/05
For Patapsco Homes.

PLAT C.M.P. NO. 3673

COORDINATES		
NO	NORTH	EAST
1	15380 950	10447 908
2	15374 644	14248 804
3	14906 401	14032 841
4	14795 441	13983 655
5	15284 317	14397 325
6	14857 054	14228 487
7	14698 316	14148 792
8	15008 260	14948 632
9	14998 030	14978 194
10	14379 846	14959 863
11	14883 558	14988 174
12	14895 465	14617 351
13	14631 110	14571 287
14	14819 203	14862 312
15	14409 365	14875 622



- GENERAL NOTES:
1. TAX MAPS 7 & 8, PARCEL NO. 5
 2. THIS PLAT IS SUBJECT TO VP 777 B
 3. COORDINATES SHOWN HEREON ARE ASSUMED
 4. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND WELFARE.
 5. THIS AREA INDICATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQ. FT. AS REQUIRED BY THE MD STATE DEPT. OF HEALTH AND WELFARE FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF JOE NATURE IN THIS AREA RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDING SITES THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM.
 6. DEED REFERENCE 445/767
 7. PERCOLATION TEST HOLES ARE FIELD LOCATED

Received for Transfer
 100% SECURITY
 Carl M. Freeman
 Date: 4/17/77

ENGINEERING PLANNING SURVEYING
BOENDER ASSOCIATES, INC.
 TOWN & COUNTRY PROFESSIONAL BUILDING
 ELLICOTT CITY, MARYLAND 21043
 TEL: 443-7777

FILED APR 19 1977

AREA TABULATIONS:

1. TOTAL NO. OF LOTS: 3
2. TOTAL AREA OF LOTS: 5.190 ACRES
3. TOTAL AREA OF ROAD DEDICATION: 0.345 ACRES
4. TOTAL AREA OF PLAT: 5.495 ACRES

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS: HOWARD COUNTY HEALTH DEPARTMENT

Joseph J. Adams 3-21-77
 COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING.

DIRECTOR DATE

APPROVED FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

M. J. ... 3-15-77
 DIRECTOR DATE

OWNERS STATEMENT:

I, CARL M. FREEMAN, OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, ADAPT THIS PLAN OF SUBDIVISION AND IN CONSIDERATION OF THE APPROVAL BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT TO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINAGE, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES IN AND UNDER ALL ROADS AND STREET RIGHT-OF-WAYS AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) TO PUBLIC USE THE BEDS OF THE STREETS AND OPEN ROADS AND FLOOD PLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR ONE DOLLAR CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY, MD, TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF STREETS AND/OR ROADS AND FLOOD PLAINS AND OPEN SPACE WHERE APPLICABLE; (3) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHT-OF-WAYS; AND (4) IT IS FURTHER AGREED THAT MAINTENANCE OF ALL WATERWAYS, DRAINAGE EASEMENTS AND/OR FLOOD PLAINS SHOWN HEREON ARE THE RESPONSIBILITY OF THE PROPERTY OWNERS, ITS SUCCESSORS AND ASSIGNS.

WITNESS MY HAND THIS 15 DAY OF April 1977

Carl M. Freeman
 CARL M. FREEMAN WITNESS

SURVEYOR CERTIFICATE:

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF ALL OF THE LAND OWNED BY MELVIN W. WESSEL AND MILDRED S. WESSEL, HIS WIFE TO CARL M. FREEMAN BY DEED DATED NOVEMBER 18, 1965 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, IN LIBER 445 AT FOLIO 767 AND THAT ALL MONUMENTS ARE IN PLACE AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

DATE 4-17-77 WILLIAM G. HARTZ, REG NO 9436

OWNER & DEVELOPER:

CARL M. FREEMAN
 4600 SILVER SPRING STREET
 SILVER SPRING, MD 20907

**LOTS 1, 2, & 3
 FREEMAN PROPERTY**

THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND SCALE: 1" = 100' DATE: JANUARY 17, 1977

MSA 554 1347-1059