

**HOWARD COUNTY  
PERMIT APPLICATION**

**PERMIT NUMBER**

300153131

LP

Building Address 14050 MONTICELLO DR.  
Cooksville, MD 21723  
Suite/Apt. #: TAXED #04357523 SDP/W/Petition #: \_\_\_\_\_  
Census Tract 607000 Subdivision Harless Manor  
Section \_\_\_\_\_ Area Phase I Lot 19  
Tax Map 9 Parcel 7/321 Grid 12/21  
Zoning RC-DEO Map Coordinates 4216 Lot size 1.4321 AC

Property Owner's Name James Small  
Address 14926 SADDLE CREEK DR.  
City Burtonsville State MD Zip Code 20866  
Home Phone 301 335-8988 Work Phone 202 267-2100  
Applicant's Name & Mailing Address, (if other than stated hereon):  
Phone \_\_\_\_\_ Fax \_\_\_\_\_

Existing Use LOT (Builder)  
Proposed Use S.F.H.  
Estimated Construction Cost \$ 250,000  
Description of Work prepare for setting of modular home 4 BR 3 1/2 bath attached 3 car garage unfinished basement

Contractor Company OWNERS  
Contact Person "ABOVE"  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
License No. \_\_\_\_\_  
Phone \_\_\_\_\_ Fax \_\_\_\_\_

Occupant or Tenant OCCUPANT  
Contact Name James Small  
Address 14926 Saddle Creek Dr  
City Burtonsville State MD Zip Code 20866  
Phone \_\_\_\_\_ Fax \_\_\_\_\_

Engineer or Architect Company \_\_\_\_\_  
Contact Person \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Phone \_\_\_\_\_ Fax \_\_\_\_\_

**BUILDING DESCRIPTION - COMMERCIAL**

**BUILDING DESCRIPTION - RESIDENTIAL**

**Building Characteristics**  
Height: \_\_\_\_\_  
No. of stories: 2  
Gross area, sq. ft. per floor: \_\_\_\_\_  
Use group: \_\_\_\_\_  
Construction type:  
 Reinforced Concrete  
 Structural Steel  
 Masonry  
 Wood Frame  
 State Certified Modular

**Utilities**  
Water Supply:  
 Public  
 Private  
Sewage Disposal:  
 Public  
 Private  
Electric Yes  No   
Gas Yes  No   
Heating System:  
Electric  Oil   
Natural Gas   
Propane Gas   
Sprinkler system: N/A   
 Full  
 Partial  
Other Suppression \_\_\_\_\_  
# of Heads \_\_\_\_\_

**Building Characteristics**  
SF Dwelling  SF Townhouse   
Depth Width  
1st floor: 36 42  
2nd floor: 36 40  
Basement: 36 42  
Finished Basement  Unfinished Basement   
Crawl space  Slab on Grade   
No. of Bedrooms 4  
Multi-family dwellings:  
No. of efficiency units: \_\_\_\_\_  
No. of 1 BR units: \_\_\_\_\_  
No. of 2 BR units: \_\_\_\_\_  
No. of 3 BR units: \_\_\_\_\_  
Other Structure: GARAGE  
Dimensions: 24 x 32  
Footings: CONCRETE  
Roof: SHINGLE  
 State Certified Modular 37' high  
Manufactured Home

**Utilities**  
Water Supply:  
 Public  
 Private  
Sewage Disposal:  
 Public  
 Private  
Electric Yes  No   
Gas Yes  No   
Heating System:  
Electric  Oil   
Natural Gas   
Propane Gas   
Sprinkler system: N/A   
NFPA #13D  
NFPA #13R  
Other: \_\_\_\_\_

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERE TO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ON TO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature [Signature]  
Title/Company OWNER

Print Name LT. JAMES S. SMALL  
Date 27 FEB 05

Checks payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**  
\*\* PLEASE WRITE NEATLY AND LEGIBLY \*\*  
FOR OFFICE USE ONLY

AGENCY	DATE	SIGNATURE APPROVAL
Land Development, DPZ		
State Highways		
Building Official		
Dev. Engineering, DPZ		
Health	<u>5/2/05</u>	<u>[Signature]</u>
Fire Protection		

Is Sediment Control approval required prior to issuance?  
YES  NO

CONTINGENCY CONSTRUCTION START:   
ONE STOP SHOP:

**DPZ SETBACK INFORMATION**  
Front: \_\_\_\_\_  
Rear: \_\_\_\_\_  
Side: \_\_\_\_\_  
Side St.: \_\_\_\_\_  
All minimum setbacks met? YES  NO   
Is Entrance Permit required? YES  NO   
Historic District? YES  NO   
Lot Coverage for NewTown Zone \_\_\_\_\_  
SDP/Red-line approval date \_\_\_\_\_

**PROPERTY ID#** 65276  
Filing fee \$ \_\_\_\_\_  
Permit fee \$ \_\_\_\_\_  
Excise tax \$ \_\_\_\_\_  
Add'l per. fee \$ \_\_\_\_\_  
TOTAL FEES \$ \_\_\_\_\_  
Sub-total paid \$ \_\_\_\_\_  
Balance due \$ \_\_\_\_\_  
Check # 4003  
Validation # \_\_\_\_\_

Accepted by \_\_\_\_\_

**HOWARD COUNTY  
 PERMIT APPLICATION**

PERMIT NUMBER  
807000724

Building Address 14050 MONTICELLO DR  
Cooksville, MD 21223  
 Suite/Apt. #: \_\_\_\_\_ SDP/WP/Petition #: \_\_\_\_\_  
 Census Tract \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Section \_\_\_\_\_ Area \_\_\_\_\_ Lot \_\_\_\_\_  
 Tax Map \_\_\_\_\_ Parcel \_\_\_\_\_ Grid \_\_\_\_\_  
 Zoning \_\_\_\_\_ Map Coordinates \_\_\_\_\_ Lot size \_\_\_\_\_

Property Owner's Name JAMES SMALL  
 Address 14050 Monticello Dr  
 City Cooksville State MD Zip Code 21223  
 Home Phone 410-489-7803 Work Phone 301-335-8988  
 Applicant's Name & Mailing Address, (if other than stated hereon): \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_

Existing Use RESIDENCE SINGLE FAMILY  
 Proposed Use SFD Finish back City/lock  
 Estimated Construction Cost \$ 20,000  
 Description of Work Finish Attic +  
basement + 1/2 bath

Contractor Company owner  
 Contact Person James Small  
 Address 14050 Monticello Dr  
 City Cooksville State MD Zip Code 21223  
 License No. \_\_\_\_\_ Phone \_\_\_\_\_ Fax \_\_\_\_\_

Occupant or Tenant occupant  
 Contact Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_

Engineer or Architect Company \_\_\_\_\_  
 Contact Person \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_

**BUILDING DESCRIPTION - COMMERCIAL**

**BUILDING DESCRIPTION - RESIDENTIAL**

Building Characteristics	Utilities
Height: _____	Water Supply: _____ Public <input type="checkbox"/> Private <input type="checkbox"/>
No. of stories: _____	Sewage Disposal: _____ Public <input type="checkbox"/> Private <input type="checkbox"/>
Gross area, sq. ft. per floor: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/>
Use group: _____	Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Construction type: _____ Reinforced Concrete <input type="checkbox"/> Structural Steel <input type="checkbox"/> Masonry <input type="checkbox"/> Wood Frame <input type="checkbox"/> State Certified Modular <input type="checkbox"/>	Heating System: _____ Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/>
	Sprinkler system: N/A <input type="checkbox"/> Full <input type="checkbox"/> Partial <input type="checkbox"/> Other Suppression <input type="checkbox"/> # of Heads _____

Building Characteristics	Utilities
SF Dwelling <input checked="" type="checkbox"/> SF Townhouse <input type="checkbox"/> Depth _____ Width _____	Water Supply: _____ Public <input type="checkbox"/> Private <input checked="" type="checkbox"/>
1st floor: _____ 2nd floor: <u>Attic 20</u> X <u>45</u>	Sewage Disposal: _____ Public <input type="checkbox"/> Private <input checked="" type="checkbox"/>
Basement: _____ Finished Basement <input type="checkbox"/> Unfinished Basement <input type="checkbox"/> Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/>	Electric Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
No. of Bedrooms _____ Height: <u>8'-0"</u>	Gas Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Multi-family dwellings: No. of efficiency units: _____ No. of 1 BR units: _____ No. of 2 BR units: _____ No. of 3 BR units: _____	Heating System: _____ Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input checked="" type="checkbox"/>
Other Structure: _____ Dimensions: _____ Footings: _____ Roof Height: _____	Sprinkler system: N/A <input checked="" type="checkbox"/> NFPA #13D _____ NFPA #13R _____ Other: _____
<input checked="" type="checkbox"/> State Certified Modular <input type="checkbox"/> Manufactured Home	

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[Signature]  
 Applicant's Signature  
owner  
 Title/Company

LT James Small  
 Print Name  
3-8-7  
 Date

Checks payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**  
 \*\* PLEASE WRITE NEATLY AND LEGIBLY. \*\*  
 - FOR OFFICE USE ONLY -

AGENCY	DATE	SIGNATURE APPROVAL	DPZ SETBACK INFORMATION	PROPERTY ID#
Land Development DPZ			Front: _____	Filing fee \$ _____
State Highways			Rear: _____	Permit fee \$ _____
Building Official			Side: _____	Excise tax \$ _____
Dev. Engineering DPZ			Side St.: _____	Add'l per. fee \$ _____
Health	<u>3/8/07</u>	<u>Coley TRP ST</u>	All minimum setbacks met?	TOTAL FEES \$ _____
Fire Protection			YES <input type="checkbox"/> NO <input type="checkbox"/>	Sub-total paid \$ _____
Is Sediment Control approval required prior to issuance?			Is Entrance Permit required?	Balance due \$ _____
YES <input type="checkbox"/> NO <input type="checkbox"/>			YES <input type="checkbox"/> NO <input type="checkbox"/>	Check # _____
CONTINGENCY CONSTRUCTION START: <input type="checkbox"/>			Historic District?	Validation # _____
ONE STOP SHOP: <input type="checkbox"/>			YES <input type="checkbox"/> NO <input type="checkbox"/>	
Distribution of Copies -	White: Building Official	Green: LDD, DPZ	Lot Coverage for NewTown Zone _____	
T:Forms\PERMIT.FRM			SDP/Red-line approval date _____	Accepted by _____
			Yellow: DED, DPZ	Pink: Health
				Gold: SHA

LOCATION TO BE DETERMINED

TYPICAL 9'X10' FOUNDATION WALL ON CONCRETE FOOTER

APPROVED  
MAY 10 2007 BUILDING PERMIT  
B07000724 AT 49888-G  
C/SF DATE 3/8/07  
Finish attic  
& Basement

# BASEMENT

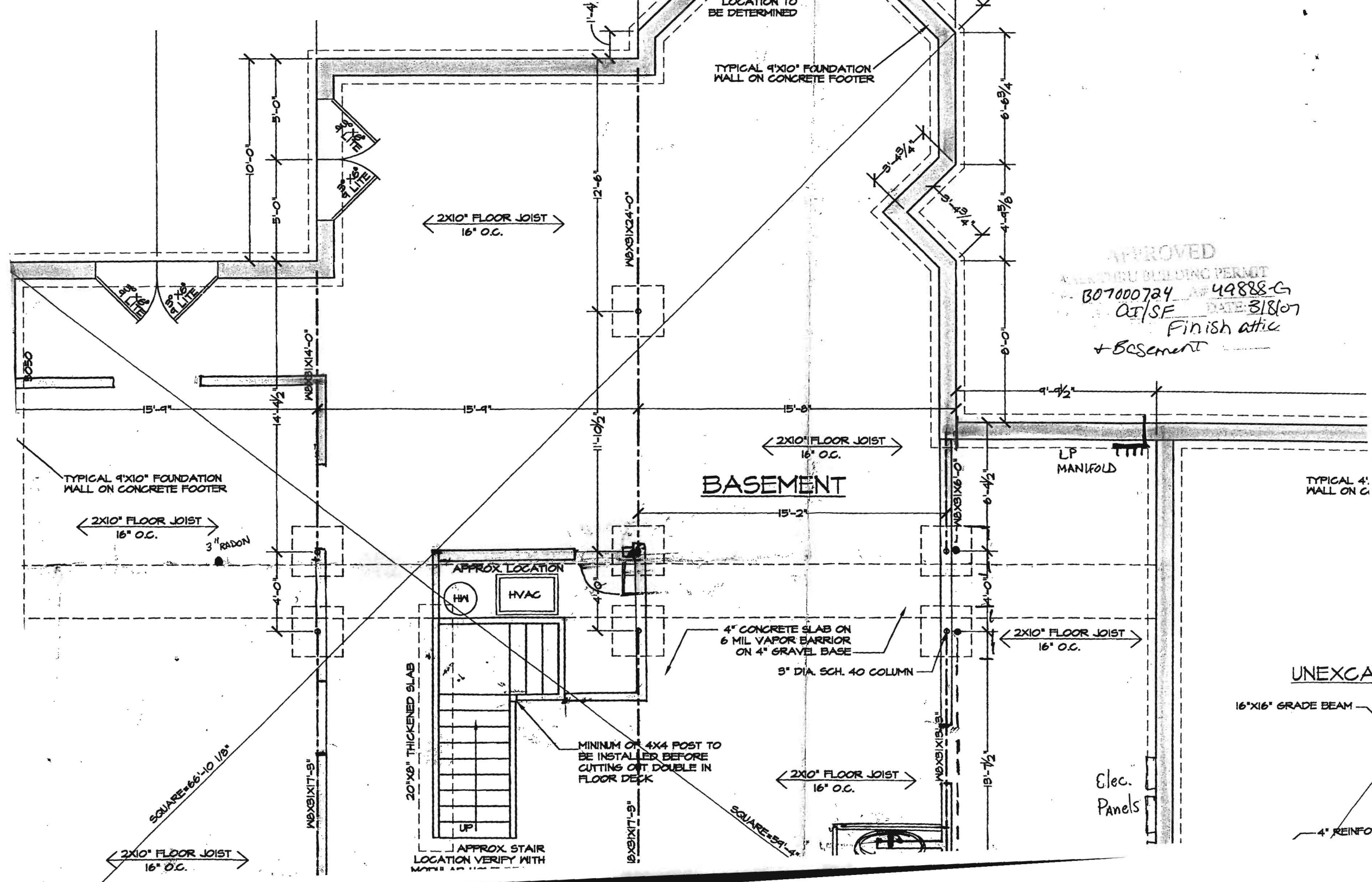
TYPICAL 4' WALL ON C

UNEXCA

16'X16' GRADE BEAM

Elec. Panels

4" REINFOR



TYPICAL 9'X10' FOUNDATION WALL ON CONCRETE FOOTER

2X10" FLOOR JOIST  
16" O.C.

3" RADON

2X10" FLOOR JOIST  
16" O.C.

2X10" FLOOR JOIST  
16" O.C.

2X10" FLOOR JOIST  
16" O.C.

2X10" FLOOR JOIST  
16" O.C.

2X10" FLOOR JOIST  
16" O.C.

20'X8' THICKENED SLAB

MINIMUM 4X4 POST TO BE INSTALLED BEFORE CUTTING OUT DOUBLE IN FLOOR DECK

4" CONCRETE SLAB ON 6 MIL VAPOR BARRIER ON 4" GRAVEL BASE

3" DIA. SCH. 40 COLUMN

APPROX STAIR LOCATION VERIFY WITH

SQUARE=66'-10 1/8"

SQUARE=57'-4"

BY THE ENGINEER:  
 I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

*Michael L. Harless* 4/13/05  
 SIGNATURE OF ENGINEER DATE

DEVELOPER'S CERTIFICATE  
 I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND THAT THE RESPONSIBLE PERIOD ENDED BY THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEVELOPMENT AND CONSTRUCTION TRAINING PROGRAM FOR THE CONTROL OF EROSION AND SEDIMENT BEING CONDUCTED BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE BEING NEEDED.

*J. Harless* 4-13-05  
 SIGNATURE OF DEVELOPER DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

USDA - NATURAL RESOURCE CONSERVATION SERVICE DATE  
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 HOWARD SOIL CONSERVATION DISTRICT DATE

**STANDARDS AND SPECIFICATIONS FOR TOPSOIL CONSTRUCTION AND MATERIAL SPECIFICATIONS**

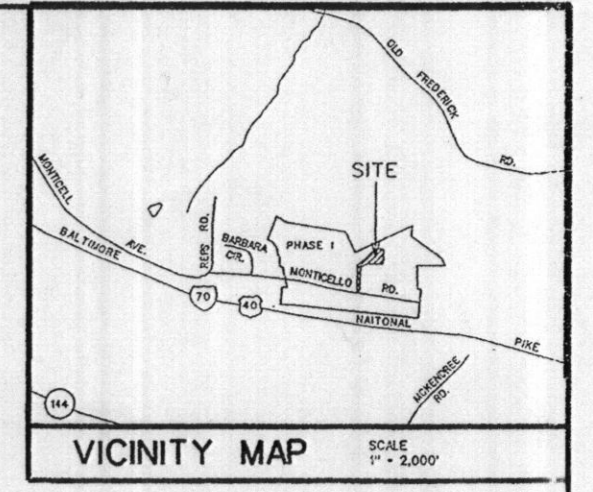
I. Topsoil salvaged from the existing site may be used provided that it meets the standards as set forth in these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found in the representative soil profile section in the Soil Survey published by USDA-SCS in cooperation with Maryland Agricultural Experimental Station.

II. Topsoil Specifications - Soil to be used as topsoil must meet the following:  
 1. Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam, silty sand, or silty clay loam as recommended by an agronomist or soil scientist, and approved by the appropriate approval authority. Regardless, topsoil shall not be a mixture of contrasting textures and shall contain sticks, roots, trash, or other materials larger than 1" in diameter.  
 2. Topsoil must be free of plants or plant parts such as Bermuda grass, quack grass, Johnson grass, nutcracker position, thistle, or others as specified.  
 3. 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 pounds per 1,000 square feet) prior to the placement of topsoil. Lime shall be applied uniformly over designated areas and worked into the soil in conjunction with these operations as described in the following codes:  
 III. For sites having disturbed areas under 5 acres:  
 1. Place topsoil (if required) and apply soil amendments as specified in 2.0 Vegetative Stabilization - Section I - Vegetative Stabilization Methods and Materials.  
 IV. For sites having disturbed areas over 5 acres:  
 1. On soil meeting Topsoil specifications, obtain test results dictating fertilizer and lime amendments required to bring the soil into compliance with the following:  
 a) pH for topsoil shall be between 6.0 and 7.5. If the tested soil demonstrates a pH of less than 6.0, sufficient lime shall be prescribed to raise the pH to 6.0 or higher.  
 b) Organic content of topsoil shall be not less than 1.5 percent by weight.  
 c) Topsoil having soluble salt content greater than 500 parts per million shall not be used.  
 d) No sod or seed shall be placed on soil which has been treated with soil sterilants or chemicals used for weed control until sufficient time has elapsed (14 days min) to permit dissipation of phytotoxic materials.  
 Note: Topsoil substitutes or amendments, as recommended by a qualified agronomist or soil scientist, and approved by the appropriate approval authority, may be used in lieu of natural topsoil.  
 2. Place topsoil (if required) and apply soil amendments as specified in 2.0 Vegetative Stabilization - Section I - Vegetative Stabilization Methods and Materials.  
 V. Topsoil Application  
 1. When topsoiling, maintain needed erosion and sediment control practices such as diversions, grade stabilization structures, earth dikes, slope silt fence and sediment traps and basins.  
 2. Grades on the areas to be topsoiled, which have been previously established, shall be maintained, albeit 4"-6" higher in elevation.  
 3. Topsoil shall be uniformly distributed in a 4"-6" layer and lightly compacted to a minimum thickness of 4". Spreading shall be performed in a manner that sodding or seeding can proceed with a minimum of additional soil.  
 4. Preparation and tillage. Any irregularities in the surface resulting from topsoiling or other operations shall be corrected in order to prevent the formation of depressions or water pockets.  
 5. Topsoil shall not be placed while the topsoil or subsoil is in a frozen or muddy condition unless the soil is in a condition that it is certain that any otherwise detrimental to proper grading and seeded preparation.  
 VI. Alternative for Permanent Seeding - instead of applying the full amounts of lime and commercial fertilizer, composted sludge and amendments may be applied as specified below:  
 1. Composted Sludge Material for use as a soil conditioner for sites having disturbed areas over 5 acres shall be treated to prescribe amendments and for sites having disturbed areas under 5 acres shall conform to the following requirements:  
 a) Composted sludge shall be supplied by, or originate from, a person or persons that are permitted at the time of acquisition of the compost by the Howard Department of the Environment under COMAR 26.04.03.  
 b) Composted sludge shall contain at least 1 percent nitrogen, 1.0 percent phosphorus, and 0.2 percent potassium and have a pH of 7.0 to 8.0. If compost does not meet these requirements, the appropriate constituents must be added to meet the requirements prior to use.  
 c) Composted sludge shall be applied at a rate of 1 ton/1,000 square feet.  
 2. Composted sludge shall be amended with a potassium fertilizer applied at the rate of 4 lb/1,000 square feet, and 1/3 the normal lime application rate.

**SEQUENCE OF CONSTRUCTION**

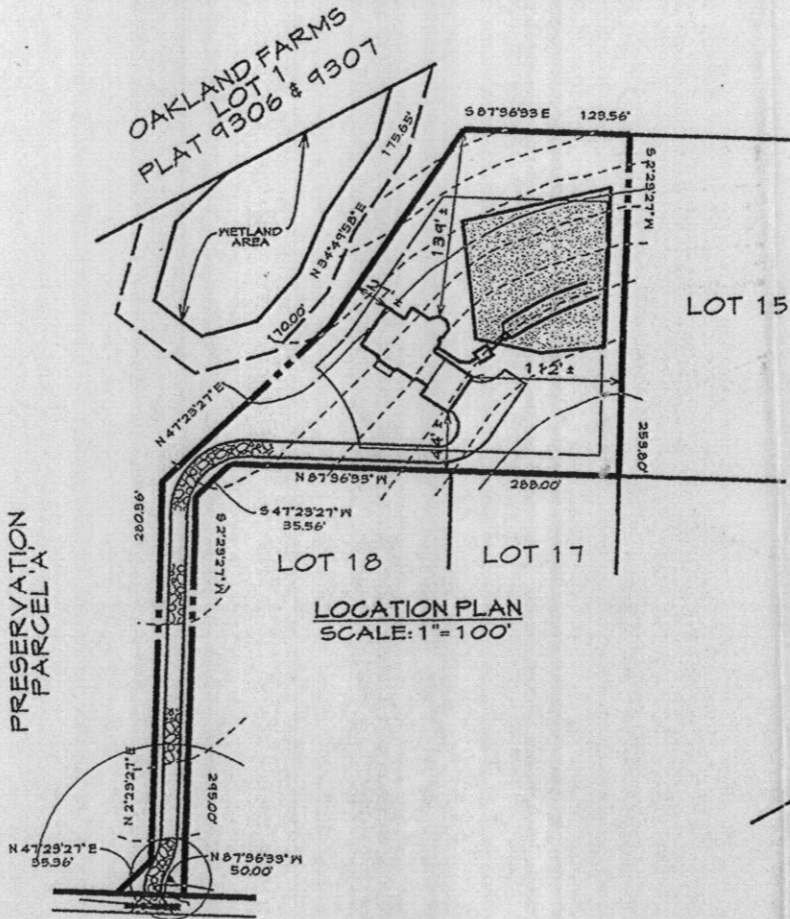
1. OBTAIN GRADING PERMIT.
2. INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN. (1 DAY)
3. PERFORM NECESSARY GRADING AND STABILIZE THE SITE. BUILD HOUSE (6 MOS.)
4. AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS. (2 DAYS)

**APPROVED**  
 WALK-THRU BUILDING PERMIT  
 BP# 00155037 A# 498886  
 APP. SAN PAI DATE: 4/13/05  
 DESC. OF WORK: Repair tank

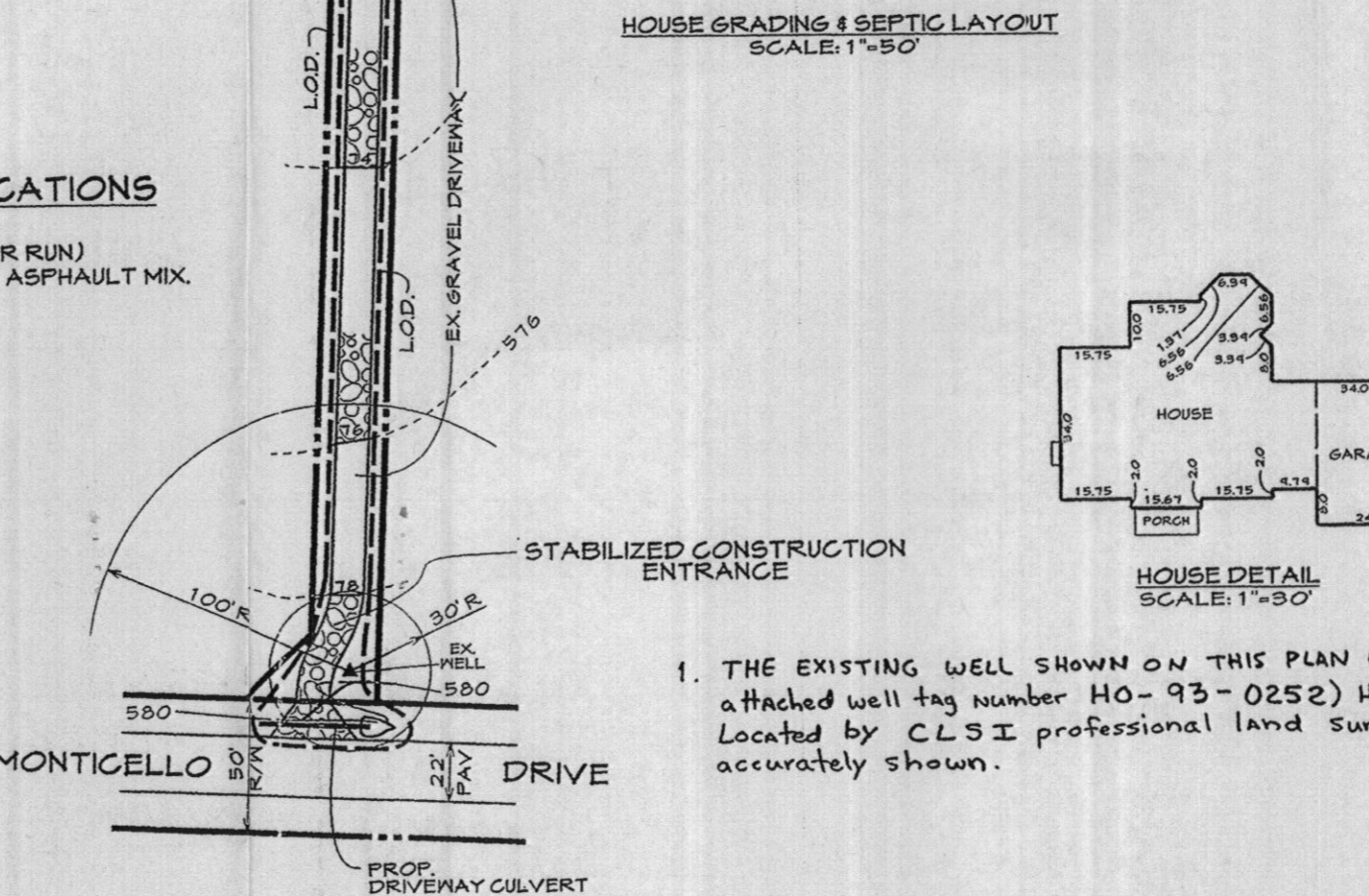


**Standard Sediment Control Notes**

1. 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 (9-18-1995).
2. All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in compliance with the most current MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL and revisions thereto.
3. Following initial structure 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 greater than 1:1. 14 days as to all other disturbed or graded areas on the project site.
4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12 of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
5. 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. 5.1), sod (Sec. 5.4), temporary seeding (Sec. 5.0) and mulching (Sec. 5.2). Temporary stabilization with such slope can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
6. 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.
7. Site Analysis:  
 Total Area of Site: 1.433 Acres  
 Area Disturbed: 0.61 Acres  
 Area to be roofed or paved: 0.24 Acres  
 Area to be vegetatively stabilized: 0.47 Acres  
 Total Cut: 350 Cu Yds.  
 Total Fill: 350 Cu Yds.  
 Offsite waste/borrow area location:  
 a. Any sediment control practice, which is disturbed by grading activity for placement of utilities, must be repaired on the same day of disturbance.  
 8. Additional sediment control must be provided, if deemed necessary by the Howard County Sediment Control Inspector.  
 9. 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 control, but before proceeding with any other earth disturbance activities. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.  
 11. Trenches for the construction of utilities is limited to three pipe lengths or that which shall be back-filled and stabilized by the end of each working interval is shorter.



**HOUSE GRADING & SEPTIC LAYOUT SCALE: 1"=50'**

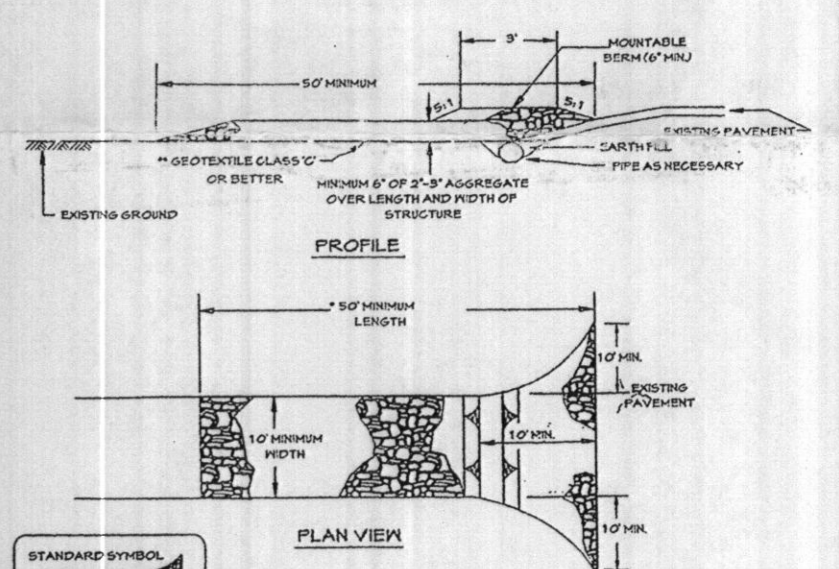


**PAVEMENT SPECIFICATIONS**

- FILTER FABRIC SUB BASE
- 12" WIDE x 6" THICK (GRUSHER RUN)
- 12" WIDE x 4" THICK 12.5 MM ASPHALT MIX.

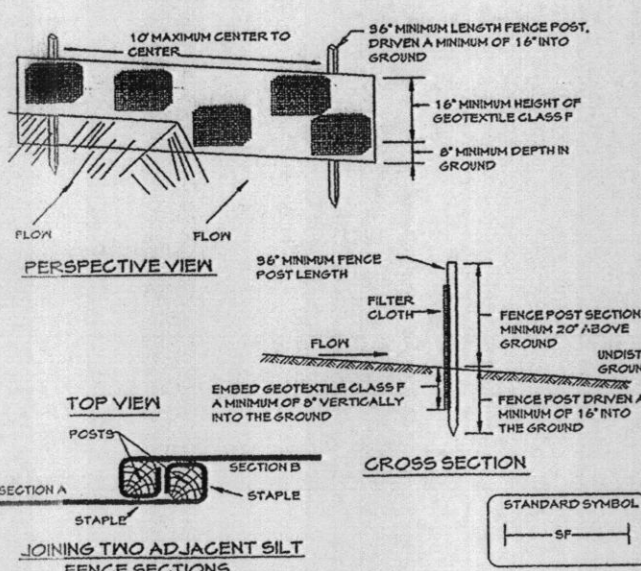
**NOTE: WHEN INSTALLING SILT AND SUPER SILT FENCE DOWNHILL, CONTRACTOR IS TO TURN SILT FENCE BACK UP SLOPE ABOUT THREE FEET IN A 'J' CONFIGURATION APPROXIMATELY EVERY 35'.**

**DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE**



1. LENGTH - MINIMUM OF 50' (30' FOR SINGLE RESIDENCE LOT).
2. WIDTH - 10' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
3. GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE EXISTING GROUND PRIOR TO PLACING STONE. PRIOR PLAN APPROVAL AUTHORITY MAY NOT REQUIRE SINGLE FAMILY RESIDENCES TO BE GEOTEXTILE.
4. 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.
5. SURFACE WATER - ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PPE 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" HORNHILL FILL BE REQUIRED.
6. 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.

**DETAIL 22 - SILT FENCE**



**Construction Specifications**

1. FENCE POSTS SHALL BE A MINIMUM OF 24" LONG DRIVEN 10" MINIMUM INTO THE GROUND. HOOK POSTS SHALL BE 12" x 18" SQUARE DRINKING CUP OR 1 1/2" DIAMETER (MINIMUM) ROUND AND SHALL BE OF SOUND QUALITY HARDWOOD. STEEL POSTS WILL BE STANDARD T OR SECTION WEIGHTS NOT LESS THAN 1.00 POUND PER LINEAR FOOT.
2. 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: MHMT 504  
 TENSILE MODULUS 20 LBS/IN (MIN) TEST: MHMT 504  
 FLOOR RATE 0.3 GAL FT<sup>2</sup> MINUTE (MAX) TEST: MHMT 932  
 FILTERING EFFICIENCY 75% (MIN) TEST: MHMT 932
3. WHERE ENDS OF GEOTEXTILE FABRIC COME TOGETHER, THEY SHALL BE OVERLAPPED, FOLDED AND STAPLED TO PREVENT SEEDING BY TRAFFIC.
4. SILT FENCE SHALL BE INSPECTED AFTER EACH RAINFALL EVENT AND MAINTAINED WHEN DILGES > 0.500 OR WHEN SEDIMENT ACCUMULATION REACHED 50% OF THE FABRIC HEIGHT.

**Silt Fence Design Criteria**

Slope Steepness	(Maximum) Slope Length	(Maximum) Silt Fence Length
Flatter than 5:1	unlimited	unlimited
5:1 to 10:1	125 feet	1,000 feet
10:1 to 5:1	100 feet	750 feet
5:1 to 3:1	60 feet	500 feet
3:1 to 2:1	40 feet	250 feet
2:1 and steeper	20 feet	125 feet

**HOWARD SOIL CONSERVATION DISTRICT PERMANENT SEEDING NOTES**

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONGLIVED 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 IN LBS OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:  
 1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (14 LBS/1,000 SQ FT) AND 400 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1,000 SQ FT) BEFORE SEEDING. HARRON OR DISK INTO UPPER THREE INCHES OF SOIL. AT THE OF SEEDING, APPLY 2A FERTILIZER PER ACRE 30-0-0 (REFORM FERTILIZER (4 LBS/1,000 SQ FT))  
 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (14 LBS/1,000 SQ FT) AND 1,000 LBS PER ACRE 10-10-10 FERTILIZER (28 LBS/1,000 SQ FT) BEFORE SEEDING. HARRON OR DISK INTO UPPER THREE INCHES OF SOIL.  
 SEEDING - FOR THE PERIODS MARCH 1 THROUGH APRIL 30 AND AUGUST 15 THROUGH OCTOBER 15, SEED WITH 60 LBS PER ACRE (14 LBS/1,000 SQ FT) OF KENTUCKY 31 TALL FESCUE FOR THE PERIOD MAY 1 THROUGH JUNE 31, SEED WITH 60 LBS PER ACRE KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (0.5 LBS/1,000 SQ FT) OF WHEATING LOVEGRASS DURING THE PERIOD OF OCTOBER 15 THROUGH FEBRUARY 28. PROTECT SITE BY OPTION (1) 2 TONS PER ACRE OF WHEAT-ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) - USE 500 LBS PER ACRE (120 LBS/ACRE) KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TON/ACRE WHEAT-ANCHORED STRAW.  
 MULCHING - APPLY 1-1/2 TO 2 TONS PER ACRE (TO 40 LBS/1,000 SQ FT) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 2 1/8 GAL PER ACRE (5 GAL/1,000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS ON SLOPES 5 FEET OR HIGHER, USE 5.40 GALLONS PER ACRE (5 GAL/1,000 SQ FT) FOR ANCHORING.  
 MAINTENANCE - INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

**TEMPORARY SEEDING NOTES**

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED 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/1,000 SQ FT).  
 SEEDING - FOR PERIODS MARCH 1 THROUGH APRIL 30 AND AUGUST 15 THROUGH OCTOBER 15, SEED WITH 1-1/2 BUSSHIL PER ACRE OF ANNUAL RYE (0.3 LBS/1,000 SQ FT) FOR THE PERIOD OF MAY 1 THROUGH AUGUST 31, SEED WITH 3 LBS PER ACRE OF PEEPINGS LOVEGRASS (0.7 LBS/1,000 SQ FT) FOR THE PERIOD OF NOVEMBER 15 THROUGH FEBRUARY 28. PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WHEAT-ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE 500 LBS PER ACRE (120 LBS/ACRE) KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TON/ACRE WHEAT-ANCHORED STRAW.  
 MULCHING - APPLY 1-1/2 TO 2 TONS PER ACRE (TO 40 LBS/1,000 SQ FT) OF UNROTTED WHEAT PEEPS SHALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 2 1/8 GAL PER ACRE (5 GAL/1,000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS ON SLOPES 5 FEET OR HIGHER, USE 5.40 GAL PER ACRE (5 GAL/1,000 SQ FT) FOR ANCHORING.  
 REFER TO THE 1993 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR ADDITIONAL RATES AND METHODS NOT COVERED.

**SEPTIC SYSTEM NOTES**

1. SEPTIC BASIN SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT NO.
  2. PROTECT FROM 200 GALLON SEPTIC TANK.
  3. A. FIRST FLOOR ELEVATION: 54.66  
 B. BASEMENT ELEVATION: 54.66  
 C. INVERT OF SEPTIC SYSTEM AT HOUSE: 51.90  
 D. INVERT AT SEPTIC TANK: 51.40  
 E. INVERT OUT AT SEPTIC TANK: 51.60  
 F. INVERT AT DISTRIBUTION BOX: 51.84  
 G. EXISTING GROUND COVER DISTRIBUTION BOX: 51.60
  4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
  5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
- BUILDER TO VERIFY AVAILABILITY OF BASEMENT SEWER SERVICE PRIOR TO DRILLING STAKEOUT.

□ - DENOTES SEPTIC AREA

NOTE: HOUSE CAN ONLY BE GRAVITY SERVED FROM FIRST FLOOR

**PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT**  
 LOT #19  
 #14050 MONTICELLO DRIVE  
 PHASE 1  
**HARLESS MANOR**  
 4TH ELECTION DISTRICT \* HOWARD COUNTY, MARYLAND  
 PLAT NO. 12024

DATE	REVISIONS

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 FAX (410) 848-1791

Alfred L. Harless  
 Professional Registration No. 23414  
 Date: 4/13/05  
 Drawing No: 461556  
 County File No:  
 Sheet: 1 OF 1

CAD Drawing File Name:

Count File No. F-1