

HOWARD COUNTY  
PERMIT APPLICATION

PERMIT NUMBER  
B09000064

Building Address 4014 SHEPPARD AVE. DRIVE  
ELLICOTT CITY, MD 21043  
Suite/Apt. #: --- SDP/WP/Petition #: SP09-40  
Census Tract 605101 Subdivision SHEPPARD AVE. DRIVE  
Section --- Area --- Lot 17  
Tax Map 39 Parcel 268 Grid 01  
Zoning CE1 Map Coordinates: MF13 Lot size 47,815 SF

Property Owner's Name WILLIAM B. KING, SR.  
Address 5485 HARPER ST. #200  
City COLUMBIA State MD Zip Code 21044  
Phone 410-717-8700 Phone \_\_\_\_\_  
Applicant's Name & Mailing Address, (if other than stated hereon):  
Phone \_\_\_\_\_ Fax 410-717-4357

Existing Use VACANT LOT  
Proposed Use SFD  
Estimated Construction Cost \$ 400,000  
Description of Work MODEL: WELLING, 1011  
w/ CONSERVATORY, 5TH BDRM w/BATH  
OVER FAMILY DETACHED 2 CAR  
GARAGE

Contractor Company SAME AS OWNER  
Contact Person \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
License No. 155 Phone \_\_\_\_\_ Fax \_\_\_\_\_

Occupant or Tenant SAME AS OWNER  
Contact Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Phone \_\_\_\_\_ Fax \_\_\_\_\_

Engineer or Architect Company PLYMOUTH ROAD ARCH.  
Contact Person TIM SPANNA  
Address 611 PLYMOUTH RD  
City WINDY HILL State MD Zip Code 21227  
Phone 410-761-0271 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: _____	Sewage Disposal: _____ Public <input checked="" type="checkbox"/> Private <input type="checkbox"/> <i>corrected shared system</i>
2nd floor: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/>
Basement: _____	Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Finished Basement <input type="checkbox"/> Unfinished Basement <input checked="" type="checkbox"/>	Heating System: _____ Electric <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/>
Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/>	Sprinkler system: N/A <input checked="" type="checkbox"/> NFPA #13D <input type="checkbox"/> NFPA #13R <input type="checkbox"/> Other: _____
No. of Bedrooms <u>5</u>	
Height: _____	
Multi-family dwellings: _____	
No. of efficiency units: _____	
No. of 1 BR units: _____	
No. of 2 BR units: _____	
No. of 3 BR units: _____	
Other Structure: _____	
Dimensions: _____	
Footings: _____	
Roof Height: _____	
State Certified Modular <input type="checkbox"/>	
Manufactured Home <input type="checkbox"/>	

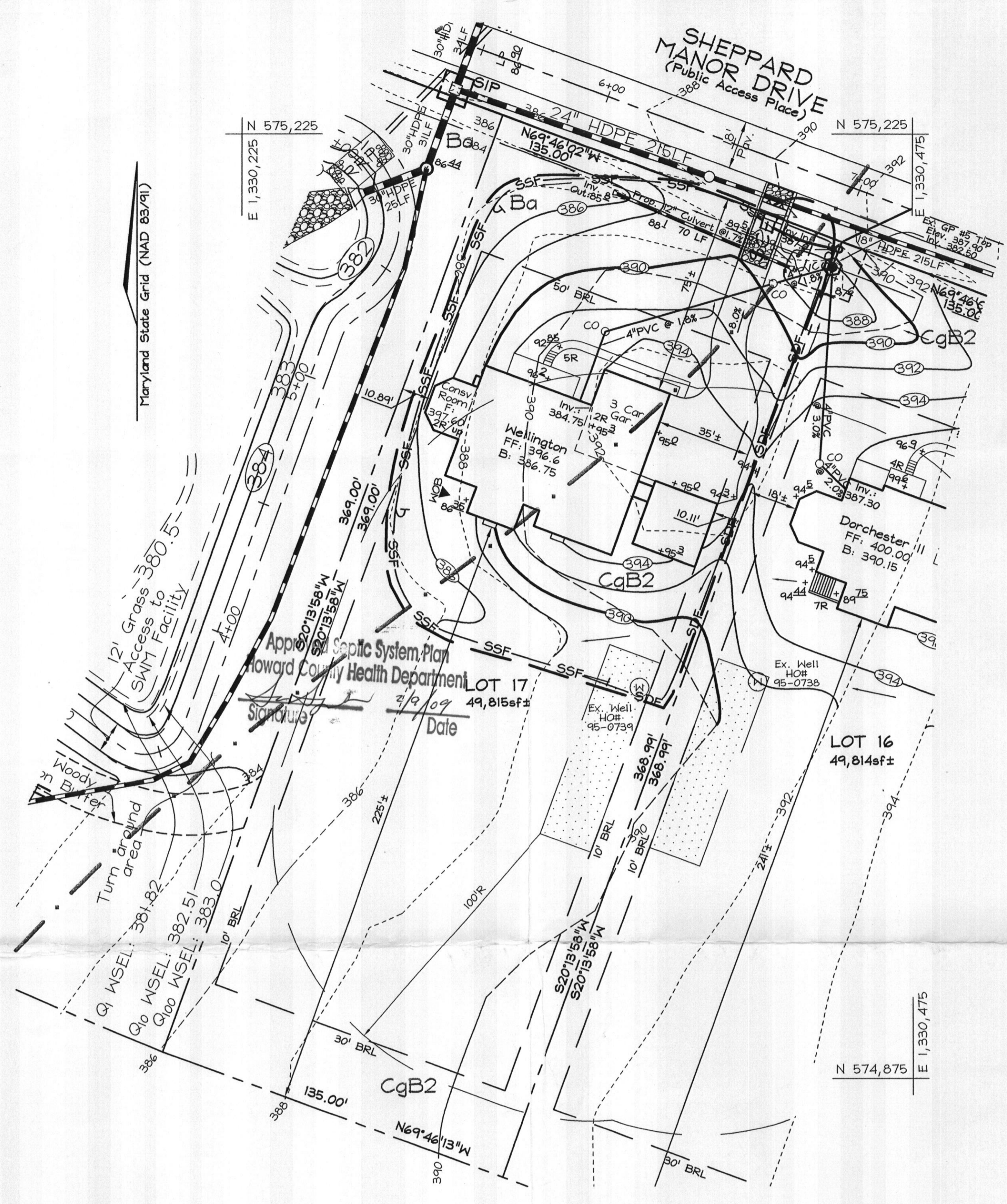
THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED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

Applicant's Signature [Signature]  
Title/Company AGENT/LLC

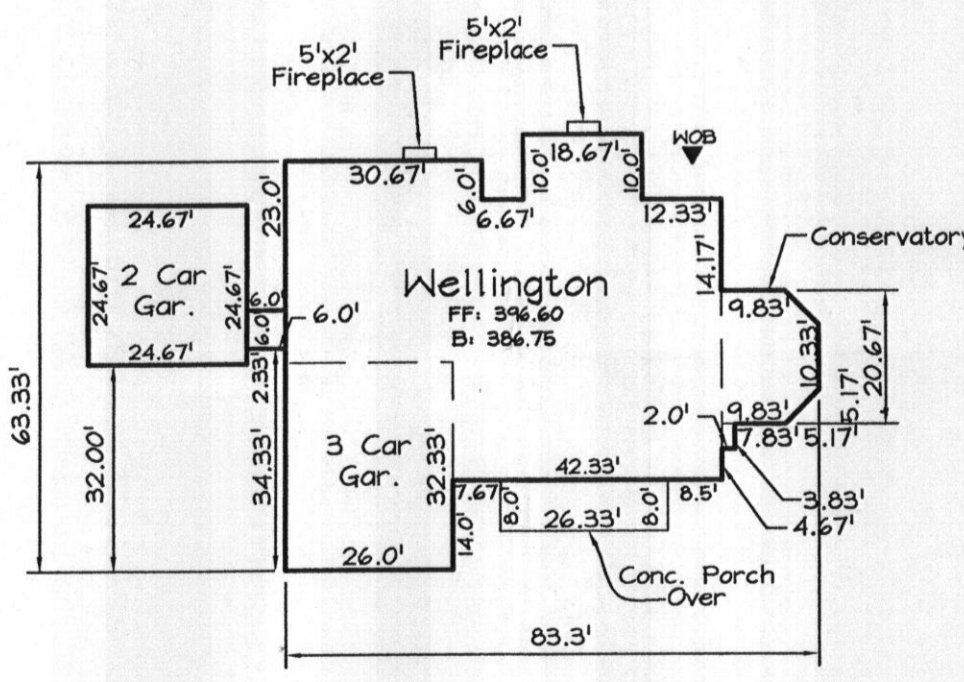
Print Name SUZANNE P. DAVIS  
Date 1/15/09

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#:
<input checked="" type="checkbox"/> Land Development, DPZ			Front: _____	Filing fee \$ _____
<input checked="" type="checkbox"/> State Highways			Rear: _____	Permit fee \$ _____
<input checked="" type="checkbox"/> Building Official			Side: _____	Excise tax \$ _____
<input checked="" type="checkbox"/> Dev. Engineering, DPZ			Side St.: _____	Add'l per. fee \$ _____
<input checked="" type="checkbox"/> Health	<u>2/19/09</u>	<u>[Signature]</u>	All minimum setbacks met?	TOTAL FEES \$ _____
<input checked="" type="checkbox"/> 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			Lot Coverage for NewTown Zone _____	
Green: LDD, DPZ			SDP/Red-line approval date _____	Accepted by _____
Yellow: DED, DPZ				
Pink: Health				
Gold: SHA				



PLAN VIEW  
SCALE: 1"=30'



HOUSE TYPE  
NOT TO SCALE

APPROVED FOR PRIVATE WATER AND SHARED SEWERAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY

*[Signature]*  
COUNTY HEALTH OFFICER  
HOWARD COUNTY HEALTH DEPARTMENT

2/4/2009  
DATE

### SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	SOIL GROUP
Ba	Balle silt loam	D
CqB2	Chester gravelly silt loam, 3 to 8 percent slopes, moderately eroded	B
CqC2	Chester gravelly silt loam, 8 to 15 percent slopes, moderately eroded	B
CHA	Chester silt loam, 0 to 3 percent slopes	B
CHB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
CHC2	Chester loam, 15 to 25 percent slopes, moderately eroded	B
HqB2	Manor gravelly loam, 3 to 8 percent slopes, moderately eroded	B
HqC3	Manor gravelly loam, 8 to 15 percent slopes, severely eroded	B
MID2	Manor loam, 15 to 25 percent slopes, moderately eroded	B
MIE	Manor loam, 25 to 45 percent slopes	B

### PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.

SOIL AMENDMENTS: In lieu of soil test recommendations, use the following schedule: Apply 2 tons per acre dolomitic limestone (42 lbs./1000 s.f.) and 900 lbs. / acre (20.7 lbs./1000s.f.) of 10-20-20 before seeding. Harrow or disc into upper 3 in. of soil.

SEEDING: Apply a mixture of Turf Type Tall Fescue (80%) and Hard Fescue (20%) in accordance with seeding dates and rates shown in the Permanent Seeding Summary shown on this sheet. For stabilization outside of the seeding dates, apply straw mulch at rates and methods specified below and apply permanent seeding when within proper seeding dates.

MULCHING: Immediately following seeding, apply a uniform 1-2 in. Deep layer of unrotted small grain straw at a rate of 2 tons/acre. (Apply 2.5 Tons/acre if a mulch anchoring tool is used.) Straw may be anchored with wood cellulose fiber at a rate of 750 lbs. / acre mixed at a ratio of 50 lbs. OF wood fiber/ 100 gal. of water. Synthetic liquid binders such as Terra Tac II, Acrylic DLR (Agro-Tack), DCA-70, Petrosol and other approved equals may be used at rates recommended by the manufacturers.

### Permanent Seeding Summary

No.	Species	Application Rate (lb/acre)	Seeding Dates	Seeding Depth	Fertilizer Rate (10-20-20)			Lime Rate
					N	P2O5	K2O	
10	Tall Fescue (80%) Hard Fescue (20%)	120	3/1-5/15 8/15-11/15	0.5 in.	2.0 (lb/1000s.f.) 2.0 (lb/1000s.f.)	4.0 (lb/1000s.f.) 4.0 (lb/1000s.f.)	2.0 (lb/1000s.f.) 2.0 (lb/1000s.f.)	2.0 tons/acre (100lb/1000s.f.)

### TEMPORARY SEEDING NOTES

SEEDBED PREPARATION: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.

SOIL AMENDMENTS: In lieu of soil test recommendations, use the following schedule: Apply 2 tons per acre dolomitic limestone (42 lbs./1000 s.f.) and 600 lbs. / acre (15 lbs./1000s.f.) of 10-10-10 before seeding. Harrow or disc into upper 3 in. of soil.

SEEDING: Apply the Maryland State Highway approved seed mixture of Barley or Rye plus Foxtail Millet in accordance with seeding dates and rates shown in the Temporary Seeding Summary shown on this sheet. For stabilization outside of the seeding dates, apply straw mulch at rates and methods specified below.

MULCHING: Immediately following seeding, apply a uniform 1-2 in. Deep layer of unrotted small grain straw at a rate of 2 tons/acre. (Apply 2.5 Tons/acre if a mulch anchoring tool is used.) Straw may be anchored with wood cellulose fiber at a rate of 750 lbs. / acre mixed at a ratio of 50 lbs. OF wood fiber/ 100 gal. of water. Synthetic liquid binders such as Terra Tac II, Acrylic DLR (Agro-Tack), DCA-70, Petrosol and other approved equals may be used at rates recommended by the manufacturers.

REFER TO THE MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

### Temporary Seeding Summary

No.	Species	Application Rate (lb/acre)	Seeding Dates	Seeding Depth	Fertilizer Rate (10-10-10)			Lime Rate
					N	P2O5	K2O	
2	Barley or Rye plus Foxtail Millet	150 lbs (3 Silos/ 1000sqft)	2/7-1/30 (7)	1/4 in - 1/2 in	600 lb/acre (15lb/1000sqft)	600 lb/acre (15lb/1000sqft)	2 tons/acre (100lb/1000sqft)	2 tons/acre (100lb/1000sqft)

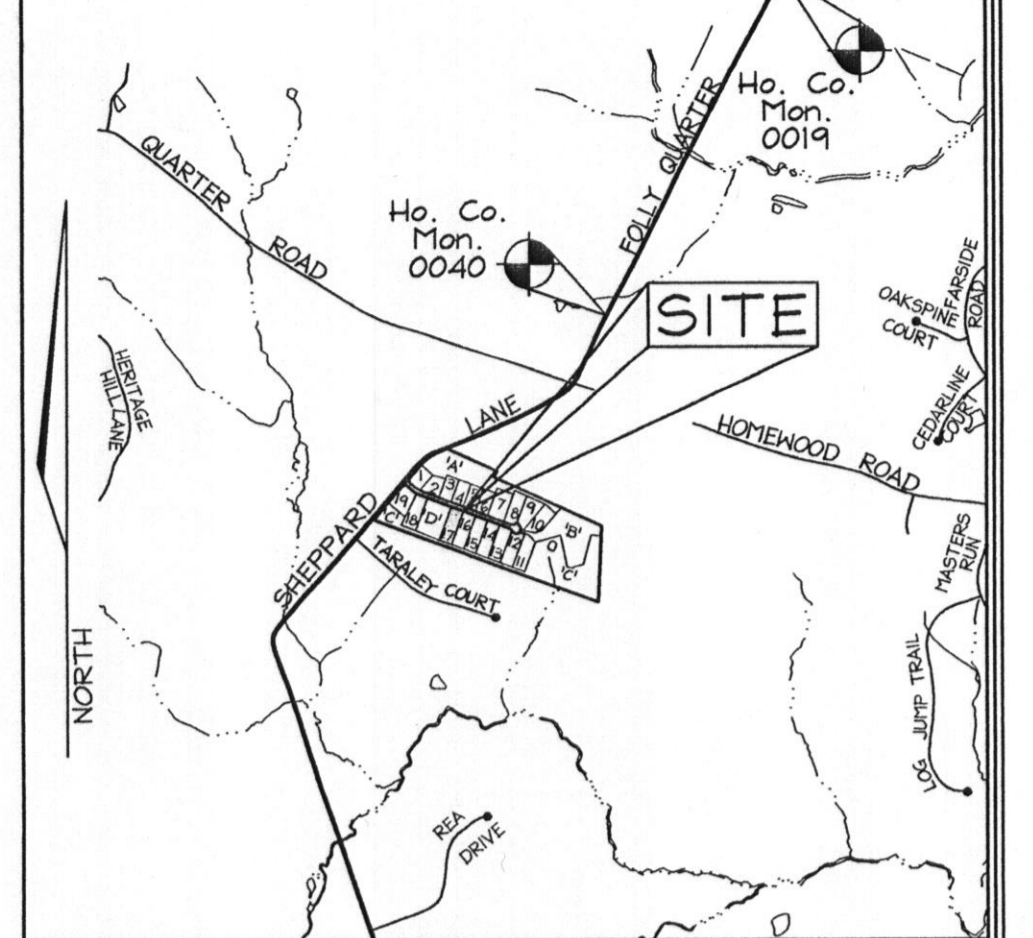
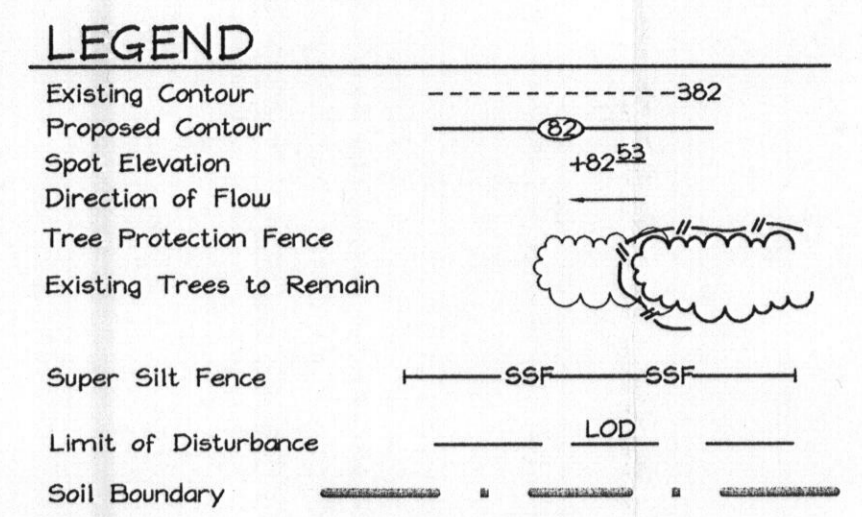
### SEDIMENT CONTROL NOTES

- A minimum of 48 hours notice must be given to the Howard County Department of Inspection, License and Permits Sediment Control Division prior to the start of any construction (410-313-1855).
- All vegetation and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL and revisions thereto.
- Following initial soil disturbance or redistribution, 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 3:1, (b) 14 days to all other disturbed or graded areas on the project site.
- All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 7, 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, soil, temporary seeding, and mulching (Sec. G). Temporary stabilization with mulch alone shall 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	1.144 Acres
Area Disturbed	0.528 Acres
Area to be roofed or paved	0.183 Acres
Area to be vegetatively stabilized	0.364 Acres
Total Cut	415 CY
Total Fill	701 CY
- Offsite waste/borrow area location:
  - 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.
  - Earthwork quantities are solely for the purpose of calculating fees. Contractor to verify all quantities prior to the start of construction.
  - To be determined by contractor, with pre-approval of the Sediment Control Inspector with an approved and active grading permit.

### SEQUENCE OF CONSTRUCTION

- Obtain grading permit.
- Notify Howard County Department of Inspections, License and Permits at (410) 313-1880 at least 24 hours before starting any work.
- Install Stabilized Construction Entrance.
- After receiving permission from the sediment control inspector, rough grade site and begin building construction.
- Construct driveway and finish building construction.
- Final grade site.
- Upon stabilization of all disturbed areas and with the permission of the Sediment Control Inspector, remove all sediment control measures and stabilize any remaining disturbed area.



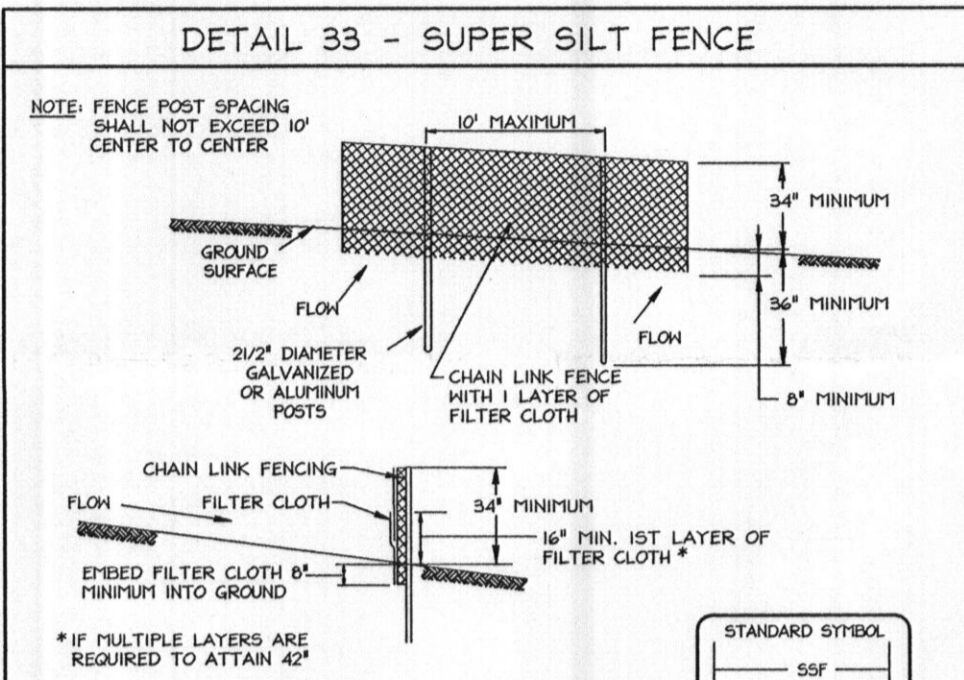
VICINITY MAP  
SCALE: 1"=200'  
ADC MAP 10 E13, 14 E1

### BENCHMARKS

Sta.	N	E	EL.
0019	176,927.0994	406,505.1110	117.6061 (meters)
0040	175,952.4260	405,965.1970	111.3465 (meters)
	177,270.584	1,332,002.575	11.365309 (feet)

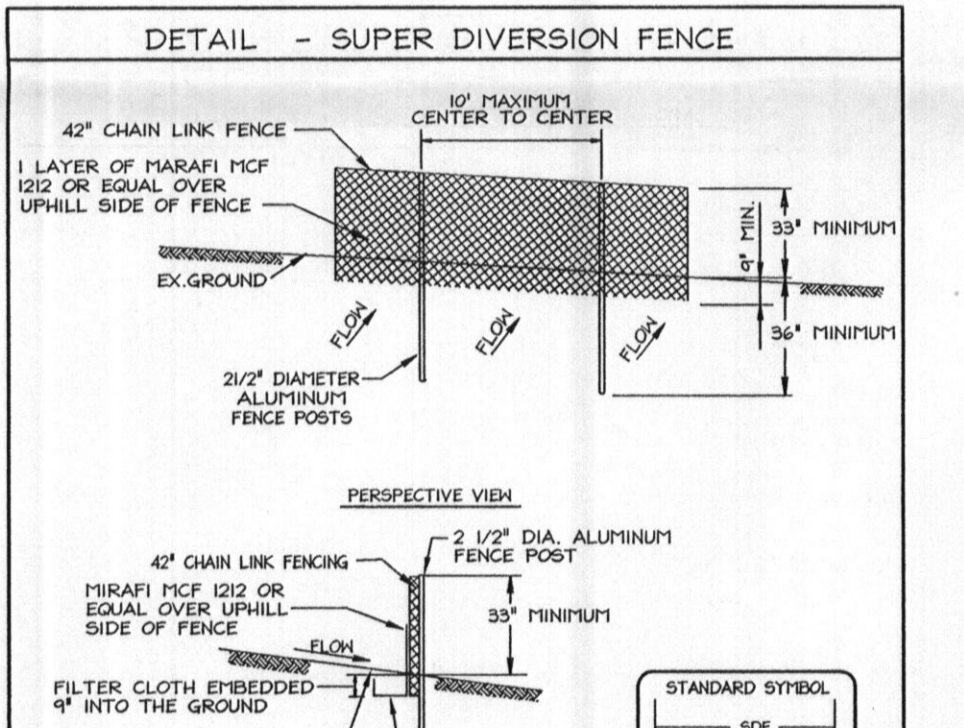
### GENERAL NOTES

- This property is zoned "RC-DEO" per the 02/02/04 Comprehensive Zoning Plan and the Comp Lite Zoning Regulations Amendments effective 07/28/06.
- Total area of property = 49,815sq ft or 1.144 Acs.
- Private water and shared sewer will serve this lot.
- This area designates a private sewage easement, of at least 10,000 SF (or 100,000 square feet per lot for shared drain field associated with a shared sewage disposal facility) as required by the Maryland Department of the Environment for individual sewage disposal (COMAR 26.04.03). 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 sewage easement. Recordation of a modified sewage easement shall not be necessary.
- On-site topography based on a Field Run Topographic Survey prepared by FSH Associates dated 1/06/04.
- The existing well shown on this plan (identified with the attached well tag number: H4-95-0734) has been field located to the eastern side of the subject property, and then after approval of the well site, the area has been shifted about 20 feet toward the back property line.
- A stockpiling will not be permitted on site.
- All wells within 100 feet of the property line have been located and shown.
- This revised Percolation Certification Plan is provided to define the resulting well reserve area since it has been relocated to the eastern side of the subject property, and then after approval of the well site, the area has been shifted about 20 feet toward the back property line.
- The lot shown hereon comply with the minimum ownership, width and lot area as required by the Maryland Department of the Environment.

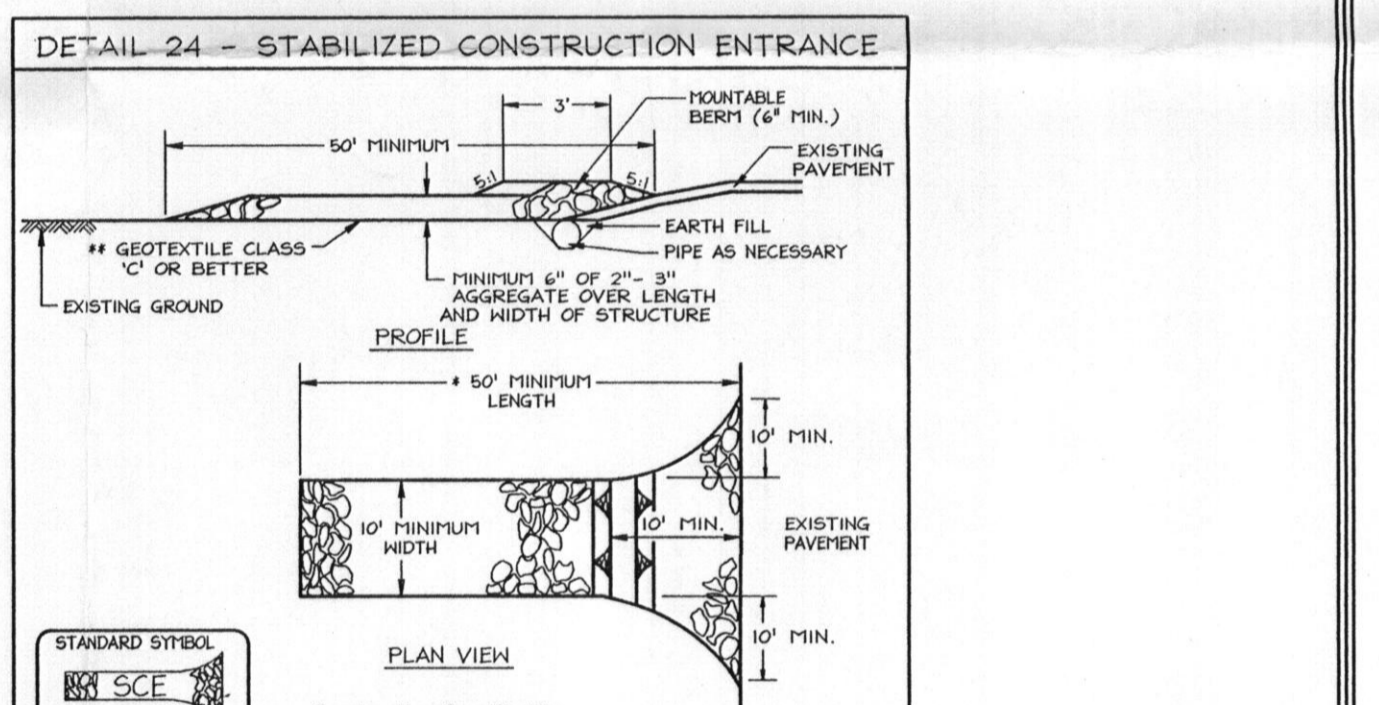


- ### Construction Specifications
- Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing. The specification for a 6" fence shall be used, substituting 42" fabric and 4" length posts.
  - Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, braced and truss rods, drive anchors and post caps are not required except on the ends of the fence.
  - Filter cloth shall be fastened securely to the chain link fence with ties spaced every 24" at the top and mid section.
  - Filter cloth shall be embedded a minimum of 6" into the ground.
  - When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and folded.
  - Maintenance shall be performed as needed and silt buildups removed when "bulges" develop in the silt fence, or when silt reaches 50% of fence height.
  - Filter cloth 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: FHST 504
Tensile Flexion	20 lbs/in. (min.)	Test: FHST 504
Flow Rate	0.3 gpm/ft. (max.)	Test: FHST 322
Filtering Efficiency	75% (min.)	Test: FHST 322
- U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 11-2-3 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION



- ### Construction Specifications
- FENCING SHALL BE 42" HIGH CHAIN LINK FENCE CONSTRUCTED IN ACCORDANCE WITH THE LATEST MARYLAND STATE HIGHWAY ADMINISTRATION STANDARD DETAILS 6902 AND 6902Z THE SPECIFICATIONS FOR A 6" OF FENCE SHALL BE USED, SUBSTITUTE 42" FABRIC & 70" POSTS. POSTS SHALL BE PLACED WITHOUT CONCRETE EMBEDDED 4" INTO THE GROUND.
  - STABILIZE AREA WITH CURLEX TIN, 3/4"
  - LAY FILTER CLOTH IN BOTTOM OF 24" TRENCH.
  - FENCING:
    - CHAIN LINK FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH TIES OR STAPLES.
    - FILTER CLOTH TO BE FASTENED SECURELY TO CHAIN LINK FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
    - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
    - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN BULGES DEVELOP IN THE SILT FENCE.
- U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 11-2-3 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION



- ### Construction Specifications
- Length - minimum of 50' (4' 30" for a 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 placed through the entrance, maintaining protective berms installed through the stabilized construction entrance shall be protected with a portable berm with full 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 required. 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.
- U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 11-2-3 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

OWNER/DEVELOPER  
WILLIAMSBURG GROUP LLC  
5485 Harpers Farm Road #200  
Columbia, Maryland 21044-3834  
Telephone: (410) 997-8800  
Fax: (410) 997-4358

PLOT PLAN AND PERCOLATION CERTIFICATION PLAN REVISION SHEPPARD MANOR LOT 17 PLAT# 19209

TAX MAP 39 GRIDS 01 5TH ELECTION DISTRICT

PARCEL 268 HOWARD COUNTY, MARYLAND



DESIGN BY: AY  
DRAWN BY: AY  
CHECKED BY: ZYF  
SCALE: As shown  
DATE: Jan. 28, 2009  
W.O. No.: 3160  
SHEET No.: 1 OF 1

PROFESSIONAL CERTIFICATION  
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. #22418, Expiration Date: 7/29/2009.