

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS 3430 COURT HOUSE DRIVE ELLICOTT CITY, MD 21043 PERMITS (410) 313-2455 INSPECTIONS (410) 313-1810 AUTOMATED INFORMATION (410) 313-3800		HOWARD COUNTY PERMIT APPLICATION		PERMIT NUMBER B09001141	
Building Address <u>4627 SHEPPARD MANOR DR.</u> <u>ELLICOTT CITY, MD 21042</u>			Property Owner's Name <u>WILLIAMSBURG GROUP LLC</u>		
Suite/Apt. #: <u>—</u> SDP/WP/Petition #: <u>GP08-08</u>			Address <u>5185 HARPER'S FIELDS #200</u>		
Census Tract <u>605101</u> Subdivision <u>SHEPPARD MANOR</u>			City <u>COLUMBIA</u> State <u>MD</u> Zip Code <u>21044</u>		
Section <u>—</u> Area <u>—</u> Lot <u>7</u>			Phone <u>410-777-7800 X12</u> Phone <u>—</u>		
Tax Map <u>29</u> Parcel <u>268</u> Grid <u>1</u>			Applicant's Name & Mailing Address, (if other than stated hereon):		
Zoning <u>RC-DEO</u> Map Coordinates <u>10F13</u> Lot size <u>53,532#</u>			Phone <u>—</u> Fax <u>410-777-4358</u>		
Existing Use <u>VACANT LOT</u>			Contractor Company <u>SAME AS OWNER</u>		
Proposed Use <u>SFD</u>			Contact Person		
Estimated Construction Cost \$ <u>300,000</u>			Address		
Description of Work <u>MODEL: RUTLEDGE W/</u> <u>KITCHEN EXT., CONSERVATORY</u> <u>2 STORY FULL BENT, 12R 3FB 1HB,</u> <u>FP, 3CAR GARAGE, 5BR, 1 BATH IN</u>			City <u>—</u> State <u>—</u> Zip Code <u>—</u>		
Occupant or Tenant <u>SAME AS OWNER</u>			License No. <u>155</u> Phone <u>—</u> Fax <u>—</u>		
Contact Name			Engineer or Architect Company <u>FSH Assoc.</u>		
Address			Contact Person <u>ZACH FISCH</u>		
City <u>—</u> State <u>—</u> Zip Code <u>—</u>			Address <u>6339 HOWARD LANE</u>		
Phone <u>—</u> Fax <u>—</u>			City <u>ELICOTT CITY</u> State <u>MD</u> Zip Code <u>21075</u>		
			Phone <u>410-567-5200</u> Fax <u>410-776-1562</u>		

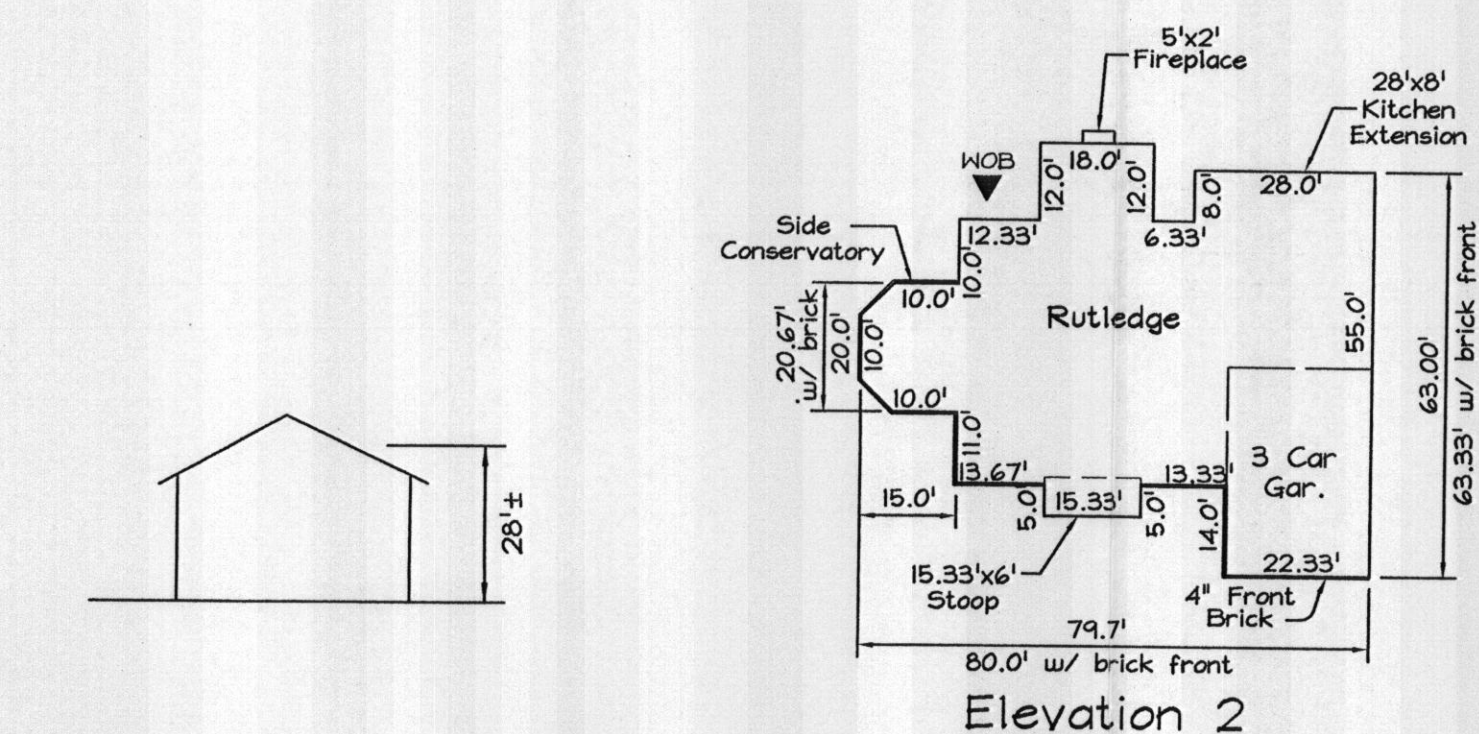
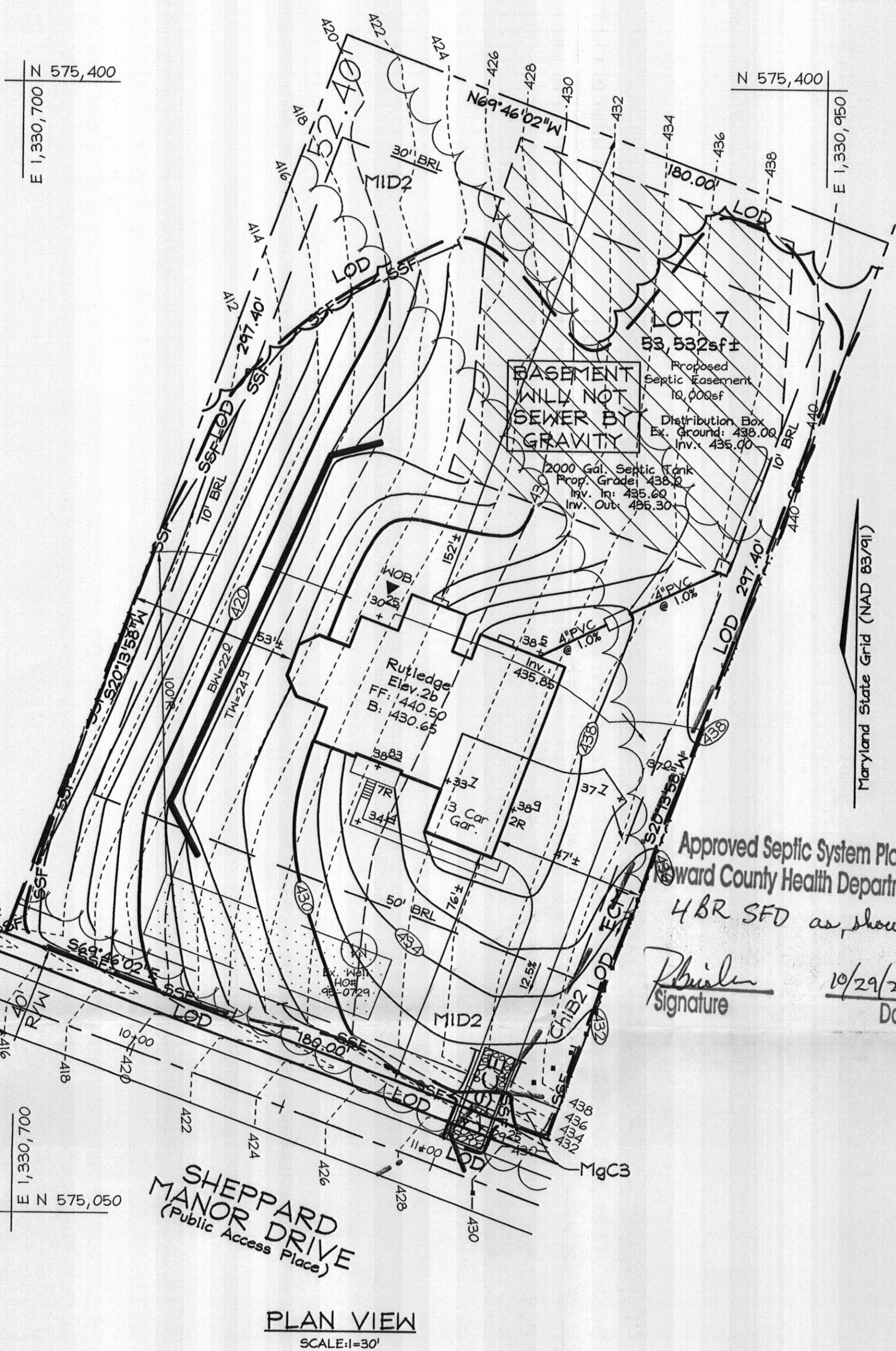
BUILDING DESCRIPTION - <u>COMMERCIAL</u>		BUILDING DESCRIPTION - <u>RESIDENTIAL</u>	
Building Characteristics	Utilities	Building Characteristics	Utilities
Height: <u>—</u>	Water Supply: <u>—</u> Public <u>—</u> Private	SF Dwelling <input type="checkbox"/> SF Townhouse <input type="checkbox"/> <u>Depth</u> <u>—</u> <u>Width</u> <u>—</u>	Water Supply: <u>—</u> Public <u>—</u> Private
No. of stories: <u>—</u>	Sewage Disposal: <u>—</u> Public <u>—</u> Private	1st floor: <u>—</u>	<input checked="" type="checkbox"/> Private
Gross area, sq. ft. per floor: <u>—</u>	Electric Yes <input type="checkbox"/> No <input type="checkbox"/>	2nd floor: <u>—</u>	Sewage Disposal: <u>—</u> Public <u>—</u> Private
Use group: <u>—</u>	Gas Yes <input type="checkbox"/> No <input type="checkbox"/>	Basement: <u>—</u>	<input checked="" type="checkbox"/> Private
Construction type: <u>—</u>	Heating System: <u>—</u>	Finished Basement <input checked="" type="checkbox"/> Unfinished Basement <input type="checkbox"/>	Electric Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<u>—</u> Reinforced Concrete	Electric <input type="checkbox"/> Oil <input type="checkbox"/>	<input type="checkbox"/> Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/>	Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
<u>—</u> Structural Steel	Natural Gas <input type="checkbox"/>	No. of Bedrooms <u>5</u>	Heating System: <u>—</u>
<u>—</u> Masonry	Propane Gas <input type="checkbox"/>	Height: <u>—</u>	Electric <input checked="" type="checkbox"/> Oil <input type="checkbox"/>
<u>—</u> Wood Frame	Sprinkler system: <u>N/A</u> <input type="checkbox"/>	Multi-family dwellings: <u>—</u>	Natural Gas <input type="checkbox"/>
<u>—</u> State Certified Modular	<u>—</u> Full	No. of efficiency units: <u>—</u>	Propane Gas <input checked="" type="checkbox"/>
	<u>—</u> Partial	No. of 1 BR units: <u>—</u>	Sprinkler system: <u>N/A</u> <input checked="" type="checkbox"/>
	<u>—</u> Other Suppression	No. of 2 BR units: <u>—</u>	<u>—</u> NFPA #13D
	<u>—</u> # of Heads	No. of 3 BR units: <u>—</u>	<u>—</u> NFPA #13R
		Other Structure: <u>—</u>	<u>—</u> Other:
		Dimensions: <u>—</u>	
		Footings: <u>—</u>	
		Roof Height: <u>—</u>	
		<u>—</u> State Certified Modular	
		<u>—</u> Manufactured Home	

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.

<u>Suzanne P. Davis</u> Applicant's Signature	<u>SUZANNE P. DAVIS</u> Print Name
<u>WGLIC</u> Title/Company	<u>5/21/09</u> 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: <u>—</u>	Filing fee \$ <u>—</u>
State Highways			Rear: <u>—</u>	Permit fee \$ <u>—</u>
Building Official			Side: <u>—</u>	Excise tax \$ <u>—</u>
Dev. Engineering, DPZ			Side St.: <u>—</u>	Add'l per. fee \$ <u>—</u>
Health	<u>6-3-09</u>	<u>DBennet</u>	All minimum setbacks met? YES <input type="checkbox"/> NO <input type="checkbox"/>	TOTAL FEES \$ <u>—</u>
Fire Protection			Is Entrance Permit required? YES <input type="checkbox"/> NO <input type="checkbox"/>	Sub-total paid \$ <u>—</u>
Is Sediment Control approval required prior to issuance?			Historic District? YES <input type="checkbox"/> NO <input type="checkbox"/>	Balance due \$ <u>—</u>
<u>YES</u> <input type="checkbox"/> <u>NO</u> <input type="checkbox"/>			Lot Coverage for New Town Zone <u>—</u>	Check # <u>—</u>
EMERGENCY CONSTRUCTION START: <input type="checkbox"/>			SDP/Red-line approval date <u>—</u>	Validation # <u>—</u>
Official <u>—</u>			Accepted by <u>—</u>	
Green: LDD, DPZ				
Yellow: DED, DPZ				
Pink: Health				
Gold: SHA				



HOUSE TYPE
NOT TO SCALE

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-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 400 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 un-rotted 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 fibre/ 100 gal. of water. Synthetic liquid binders such as Terra Tax II, Acrylic DLR (Agro-Tack), DCA-70, Petroret and other approved equals may be used at rates recommended by the manufacturers.

Permanent Seeding Summary									
Seed Mixture (Hardness Zone 1a and 1b)			Fertilizer Rate			Lime Rate			
No.	Species	Application Rate (lb/acre)	Seeding Dates	Seeding Depth	N	P205	K20	Rate	
10	Tall Fescue (80%) Hard Fescue (20%)	120 30	3/1-5/15 8/15-11/15	0.5 in. (1000sf)	40/15/15 (1000sf)	75/15/32 (1000sf)	210/50/20 (1000sf)	2 tons/acre (1000sf)	

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 un-rotted 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 fibre/ 100 gal. of water. Synthetic liquid binders such as Terra Tax II, Acrylic DLR (Agro-Tack), DCA-70, Petroret and other approved equals may be used at rates recommended by the manufacturers.

REFER TO THE 1934 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL RATE AND METHODS NOT COVERED.

Temporary Seeding Summary									
Seed Mixture (Hardness Zone 1a and 1b)			Fertilizer Rate			Lime Rate			
No.	Species	Application Rate (lb/acre)	Seeding Dates	Seeding Depth	N	P205	K20	Rate	
2	Barley or Rye plus Foxtail Millet	150 lbs. (3.5 lbs/ 1000sq ft)	2/1-1/30 (7d) 3/15-3/31 (6d)	1/4 in. (15lb/1000sf) (15lb/1000sf)	400 lb/acre (100lb/1000sf)	2 tons/acre (100lb/1000sf)			

SEDIMENT CONTROL NOTES

- A minimum of 48 hours notice must be given to the Howard County Department of Inspection, License and Permit Sediment Control Division prior to the start of any construction (410-313-1880).
- All vegetation and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1934 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL and revisions thereto.
- Following initial soil disturbance or construction, 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 (b) 1/2 in. 1/4 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 1934 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding, sod, 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: 1.229 Acres
 - Area Disturbed: 1.011 Acres
 - Area to be seeded or paved: 0.140 Acres
 - Area to be vegetatively stabilized: 0.871 Acres
 - Total Cut: 355 CY
 - Total Fill: 3170 CY

- Off-site 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 Entrances.
- After receiving permission from the sediment control inspector, rough grade site and begin building construction.
- Construct driveway and finish building construction.
- Fine 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.

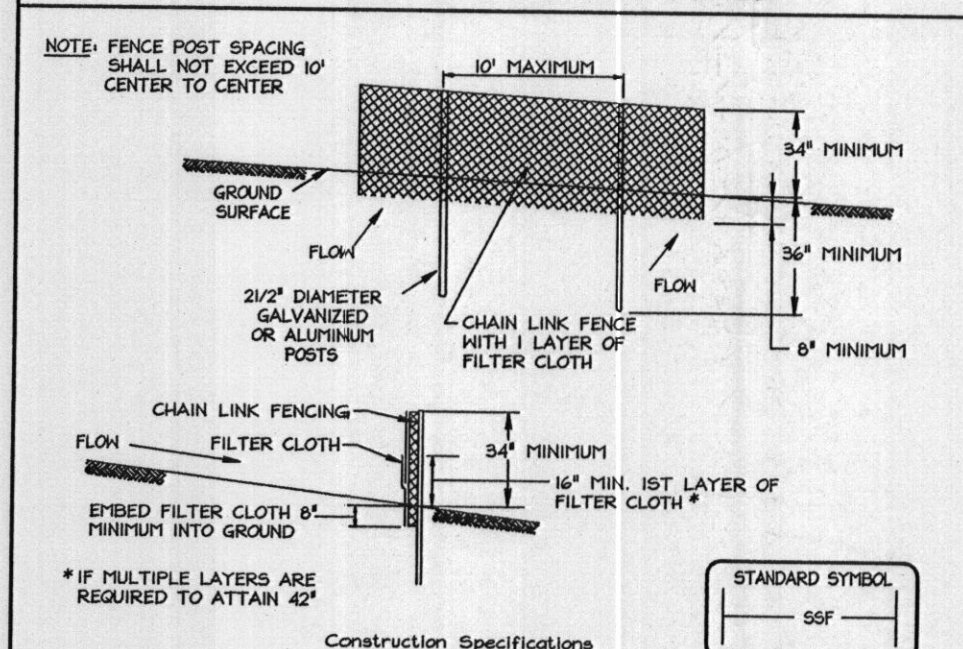
SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	SOIL GROUP
Ba	Boile silt loam	D
CgB2	Chester gravelly silt loam, 3 to 8 percent slopes, moderately eroded	B
CgC2	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
GID2	Glenelg loam, 15 to 25 percent slopes, moderately eroded	B
MgB2	Manor gravelly loam, 3 to 8 percent slopes, moderately eroded	B
MgC3	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

LEGEND

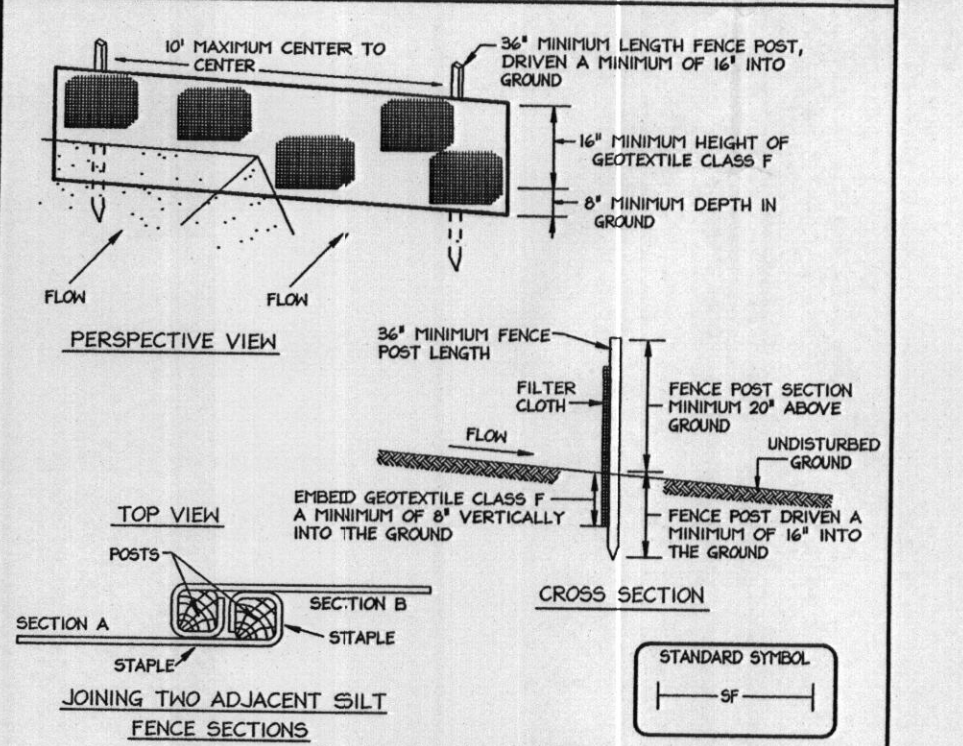
Existing Contour	---
Proposed Contour	---
Spot Elevation	+
Direction of Flow	---
Tree Protection Fence	---
Existing Trees to Remain	---
Super Silt Fence	SSF
Limit of Disturbance	LOD
Soil Boundary	---

DETAIL 33 - SUPER SILT FENCE

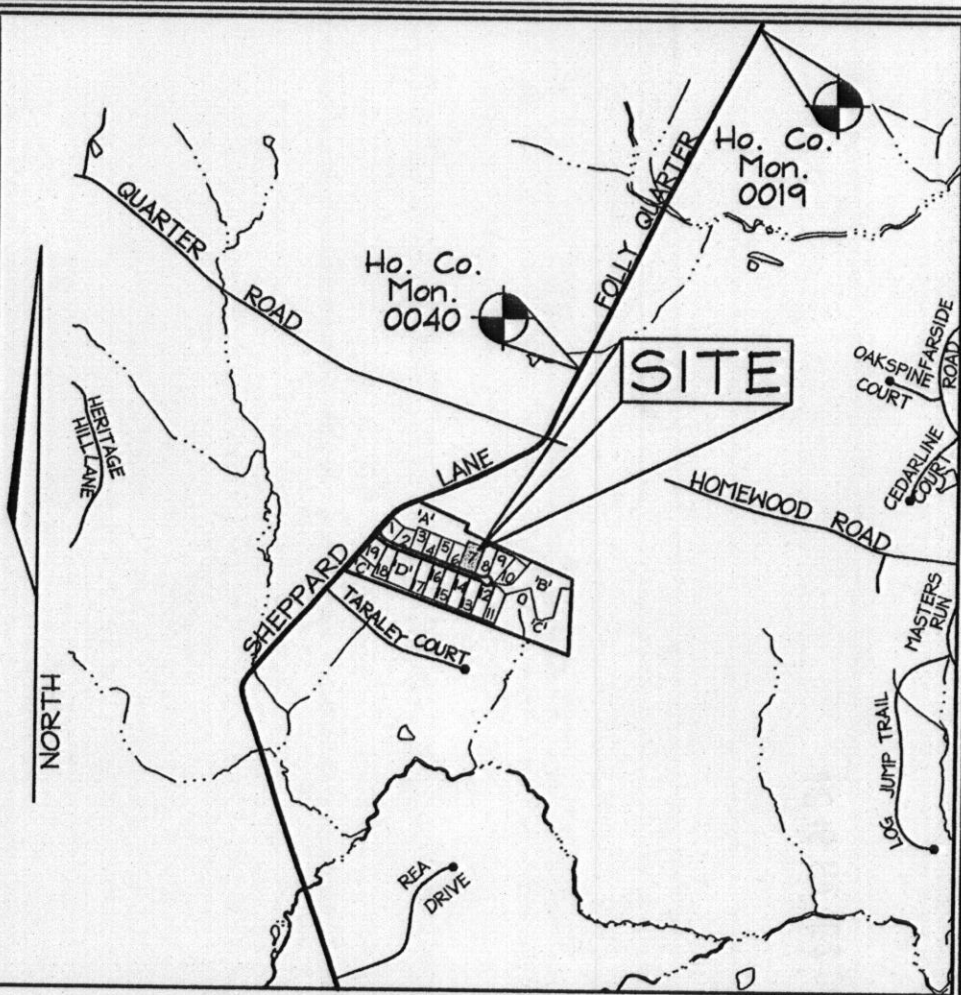


- Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing. The specification for a 6' fence shall be used, substituting 42" fabric and 6' length posts.
 - Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, brace 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 buildup 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.)
 - Tensile Modulus: 20 lbs/in (min.)
 - Flow Rate: 0.3 gal/ft/minute (max.)
 - Filtering Efficiency: 75% (min.)
- U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
- PAGE
H - 26 - 3
- MARYLAND DEPARTMENT OF ENVIRONMENT
WATER MANAGEMENT ADMINISTRATION

DETAIL 22 - SILT FENCE



- Fence posts shall be a minimum of 36" long, driven 18" minimum into the ground. Wood posts shall be 1/2" x 4" in size (minimum) cut or steel posts will be standard T or U section weighing 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.)
 - Tensile Modulus: 20 lbs/in (min.)
 - Flow Rate: 0.3 gal/ft/minute (max.)
 - Filtering Efficiency: 75% (min.)
 - 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 reaches 50% of the fabric height.
- U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
- PAGE
E - 15 - 3
- MARYLAND DEPARTMENT OF ENVIRONMENT
WATER MANAGEMENT ADMINISTRATION



VICINITY MAP
SCALE: 1"=2000'
ADC MAP 10 E13, 14 E1

BENCHMARKS

Sta. 0019	N 176,927.0394	E 406,505.1110	El.: 117.6061 (meters)
Sta. 0040	N 580,468.128	E 1,333,675.518	El.: 385.846 (feet)
	N 175,952.4260	E 405,995.1970	El.: 111.3465 (meters)
	N 577,270.584	E 1,332,002.575	El.: 365.309 (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 = 53,532sf or 1.229 Act
- Private water, and sewer will be used within this site.
- This area designates a private sewage easement, of at least 10,000 SF as required by the Maryland State 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.
- The septic fields are located on soil types BrC2, BrC3, MIB2, MIC2, MIC3, MID2 and MIE2 as per the soil survey of Howard County, Soils Map 39.
- On-site topography based on a Field Run Topographic Survey prepared by FSH Associates dated 1/12/04. Off-site and non-critical topography based on Howard County 1948 Aerial Topographic Surveys with five foot contours.
- Spill Material of Septic Trench Excavation shall be placed uphill of trench.
- When digging septic trenches contractor shall place excavated material on the uphill side of the trench.
- The existing well shown on this plan (identified with the attached well tag number: 10-40-0724) has been field located by FSH Associates, Inc at August 17, 2007 and is accurately shown.

OWNER/DEVELOPER
WILLIAMSBURG GROUP LLC
5485 Harpers Farm Road #200
Columbia, Maryland 21044-3834
Telephone: (410) 947-8800
Fax: (410) 947-4358

PLOT PLAN SHEPPARD MANOR LOT 7

Rev.01

TAX MAP 39 GRIDS 01
5TH ELECTION DISTRICT

PARCEL 268
HOWARD COUNTY, MARYLAND



FSH Associates
Engineers Planners Surveyors
6339 Howard Lane, Elkridge, MD 21075
Tel: 410-587-5200 Fax: 410-796-1562
E-mail: info@fisher.com

DESIGN BY: AY
DRAWN BY: AY
CHECKED BY: ZYF
SCALE: As shown
DATE: Oct. 18, 2007
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. #34689, Expiration Date: 7/06/2009.