

LAYOUT 8/24/10 INSP 4 \_\_\_\_\_  
INSP 2 8/26/10 INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE:

8/19/10

# PERMIT

P 533 981

APPROVAL DATE:

8/26/10

A \_\_\_\_\_

Tax ID # 03341246

**ON-SITE SEWAGE DISPOSAL SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH**

Van Sant, Inc Foglia

IS PERMITTED TO

INSTALL  ALTER

ADDRESS:

PHONE NUMBER:

301.829.0444

SUBDIVISION:

Archer's Glen

LOT NUMBER:

17

ADDRESS:

1743 Archer's Glen

PROPERTY OWNER:

Mike and Michele Meany

SEPTIC TANK CAPACITY (GALLONS):

2000

OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS):

COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS:

4

APPLICATION RATE: 1.2

SQUARE FOOTAGE OF HOUSE:

7550+

4.5' - 6.5'

LINEAR FEET OF TRENCH REQUIRED:

210 198'

3' Wide

TRENCHES:	Trenches to be 2.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 6.0 feet below grade. Effective area begins at 4.0 feet below original grade with 3.0 feet of stone below distribution pipe.
LOCATION:	Set septic tank per plan. Set distribution box 70 feet or so from south septic reserve corner. Install 3x70' trenches on contour from south septic reserve boundary.
NOTES:	<b>Do not</b> order the septic tank until after layout inspection and Sanitarian approval. Stake septic easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must be approved by the Howard County Health Department. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.

PLANS APPROVED:

Robert Bricker

DATE: 1/21/10

NOTE: PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL

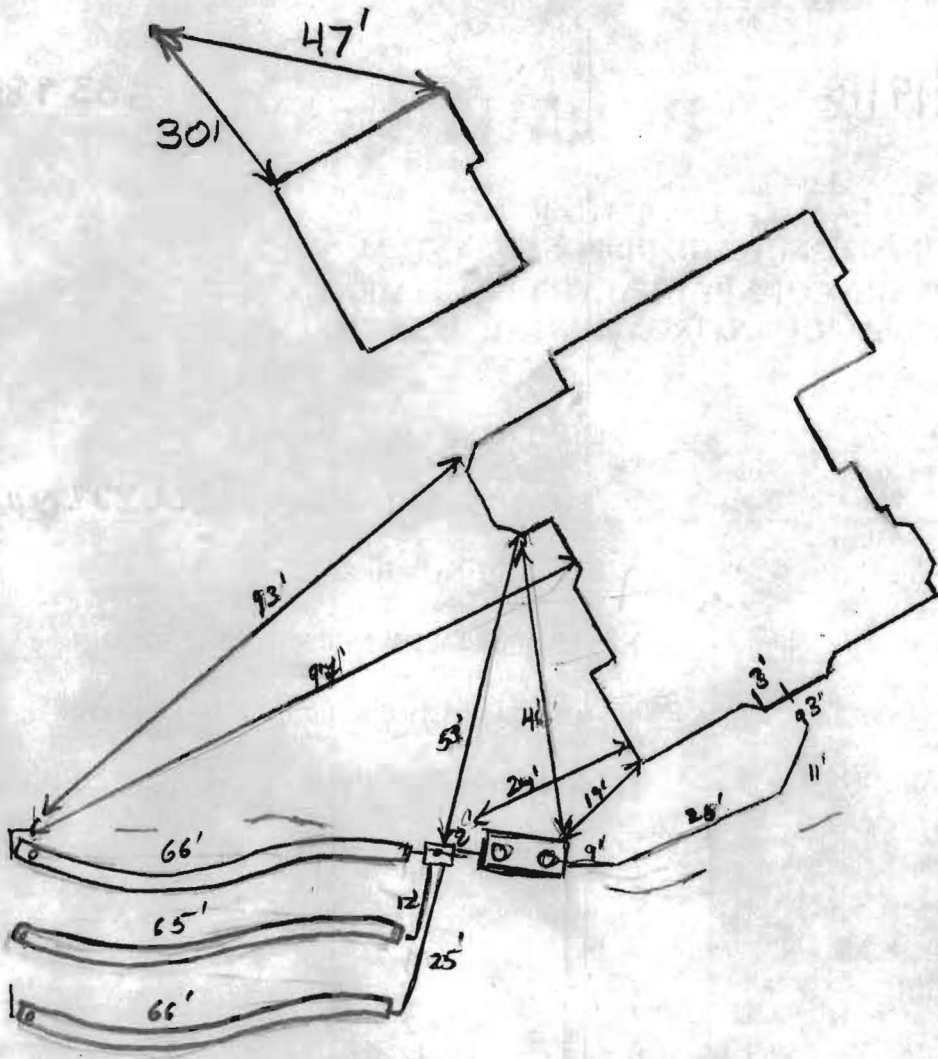
NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

**NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS  
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

1" ~ 30'

NOT TO SCALE

HO-94-3753



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	4.5'	6.5'
NUMBER OF TRENCHES	3	
TOTAL LENGTH	198' ±	
ABSORPTION AREA	396' ± SW	
DISTRIBUTION BOX LEVEL	Levelled	
DISTRIBUTION BOX BAFFLE	Yes	
DISTRIBUTION BOX PORT	Yes	

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	2.5'
BAFFLES	Yes
BAFFLE FILTER	
MANHOLE LOC	Front/Rear
6" PORT LOC	None
WATERTIGHT TEST	
SLOTTED	Yes
PUMP/SEPTIC TANK LEVEL	N/A
MANUFACTURER	
CAPACITY	
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	

PRE-CONSTRUCTION  
 8/24/2010 - I install three 66' trenches across the top of the southern part of the septic

easement. Put the dist. box close to the top middle of the easement. Install tank near where shown on plan. (BB)

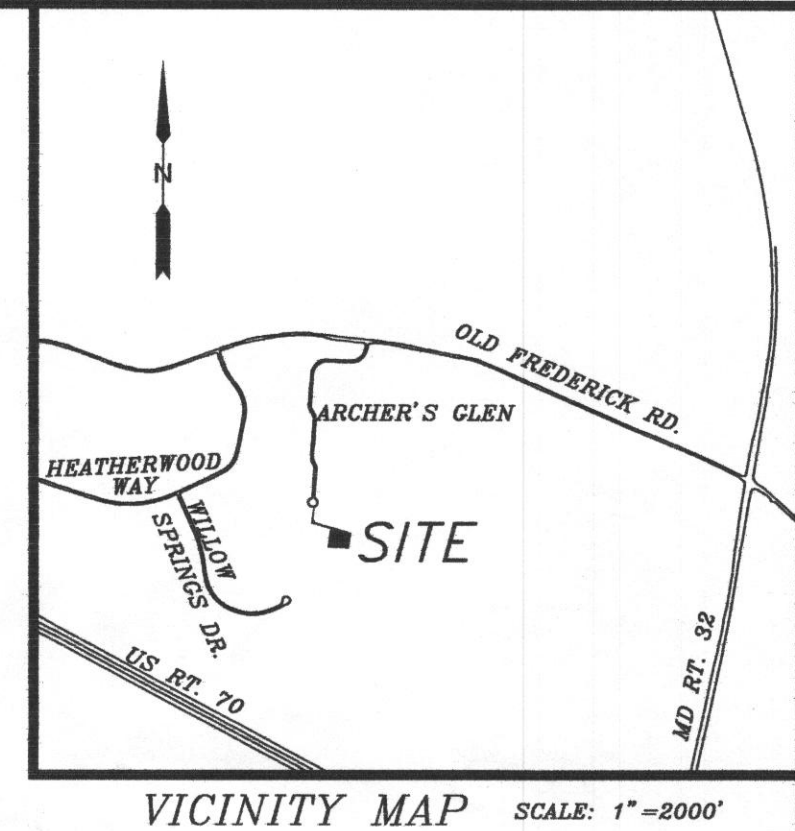
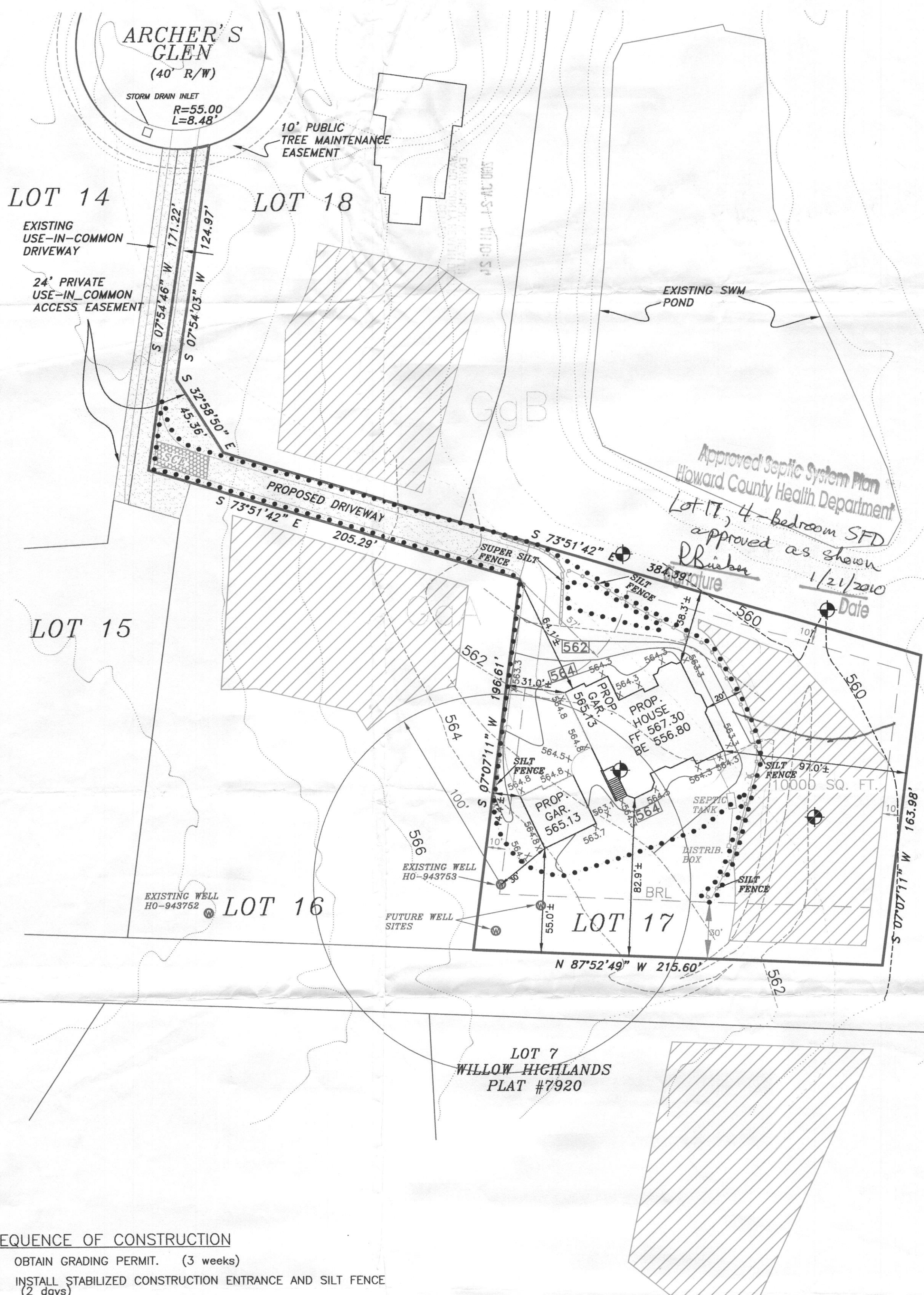
INSTALLATION:

8/26/10 System installed as instructed. Told contractor, must seal pipe up around D box. Look at etc. need to verify hose connection.

FINAL INSPECTOR K. Wolf DATE OF APPROVAL 8/26/10



POST INTO  
RIGHT OF  
PH IN  
POST SECTION  
UM 20' ABOVE  
UNDISTURBED  
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POST DITCH A  
UM OF 16" INTO  
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322  
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- NOTES:**
1. TOPOGRAPHY SHOWN WITHIN THE LOT ITSELF WAS FIELD RUN BY SHANABERGER & LANE IN APRIL 2004. TOPOGRAPHY SHOW OUTSIDE THE LOT IS FROM HOWARD COUNTY TOPO MAPS.
  2. THIS AREA DESIGNATES A PROPOSED PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MD. STATE DEPT. OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA 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 DISPOSAL AREA.
  3.
    - ⊙ DESIGNATES EXISTING OR PROPOSED WELL LOCATION
    - DESIGNATES PROPOSED HOUSE LOCATION
    - DESIGNATES FIELD-RUN CONTOURS
    - DESIGNATES CONTOURS DERIVED FROM HOWARD COUNTY TOPO MAPS
    - 542 DESIGNATES PROPOSED CONTOUR
    - 563.3 X DESIGNATES PROPOSED SPOT ELEVATION
    - DESIGNATES PROPOSED DRIVEWAY
    - DESIGNATES EXISTING DRIVEWAY
    - DESIGNATES EXISTING PRIVATE USE-IN-COMMON ACCESS EASEMENT.
    - DESIGNATES PROPOSED SILT FENCE
    - DESIGNATES PROPOSED SUPER SILT FENCE
    - DESIGNATES LIMIT OF DISTURBANCE
  4. BEARINGS, DISTANCES, AND ACREAGE SHOWN HEREON ARE FROM AVAILABLE PLAT OF RECORD.
  5. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
  6. PROPERTY IS ZONED RC-DEO.
  7. TOTAL AREA DISTURBED 19,447 SQ. FT.±
  8. GRAVITY SEWER SERVICE TO BASEMENT LEVEL IS NOT PROVIDED. AN EJECTOR PUMP WILL BE USED.
  9. STORMWATER MANAGEMENT BY EXTENDED DETENTION FACILITY WAS PROVIDED BY F-03-70.
  10. THE EXISTING WELL SHOWN ON THIS PLAN (TAG #HO-943753) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.

**SEQUENCE OF CONSTRUCTION**

1. OBTAIN GRADING PERMIT. (3 weeks)
2. INSTALL STABILIZED CONSTRUCTION ENTRANCE AND SILT FENCE (2 days)
3. EXCAVATE FOR FOUNDATION, ROUGH GRADE AND TEMPORARILY STABILIZE. (3 weeks)
4. CONSTRUCT HOUSE, UTILITY CONNECTIONS, AND DRIVEWAY. (20 weeks)
5. FINAL GRADE AND STABILIZE IN ACCORDANCE WITH STANDARDS & SPECIFICATIONS. (2 weeks)
6. UPON APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT AND EROSION CONTROL DEVICES AND STABILIZE. (1 week)

SEPTIC SYSTEM DATA	
<b>HOUSE</b>	
INV. AT HOUSE	561.0
<b>SEPTIC TANK</b>	
EX. GRADE	562.9
FIN. GRADE	562.9
INV. IN	560.56
INV. OUT	560.23
<b>DISTRIBUTION BOX</b>	
EX. GRADE	562.2
FIN. GRADE	562.2
INV. IN	559.2
AN EJECTOR PUMP WILL BE USED.	
DIST.BOX & TRENCH INVERTS, NUMBER & LENGTH OF TRENCHES, TO BE DETERMINED BY BUREAU OF ENVIRONMENTAL HEALTH	

**CONSULTANT'S CERTIFICATE**  
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 COUNTY CONSERVATION DISTRICT.

*G. Scott Shanaberger*  
G. SCOTT SHANABERGER  
PROFESSIONAL L.S. #10849

DATE: 1/21/10

**SHANABERGER & LANE**  
8726 TOWN & COUNTRY BLVD.  
SUITE 201  
ELLCOTT CITY, MD. 21043  
PHONE: 410-461-9563  
FAX: 410-461-9693

**DEVELOPER**  
VIKING DEVELOPMENT  
816 WINDRIVER DR.  
SYKESVILLE, MD 21784  
(410) 977-2188

**SITE PLAN**  
**ARCHER'S GLEN-LOT 17**  
1743 ARCHER'S GLEN  
SYKESVILLE, MD. 21784  
PLAT #16456 F-03-70  
DEED REF: 8031/429  
TAX MAP 9 GRID 22 PARCEL 301 LOT 17  
3RD ELECTION DIST. HOWARD COUNTY, MD.  
SCALE: 1" = 40' 12/15/2009 REV. 1/21/2009