

LAYOUT 7/7/06 INSP 4 \_\_\_\_\_  
INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 5/10/06  
APPROVAL DATE: 7/7/06

**PERMIT**  
**INDEXED**  
**TAX ID #04-345231**

P 524456  
A 535182

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

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS: 580 Obrecht Rd., Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: Bogard Acres LOT NUMBER: 1

ADDRESS: 2840 Daisy Road PROPERTY OWNER: Thomas Holton

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET Baffle FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): n/a COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 118 HOUSE SERVED BY PUBLIC WATER

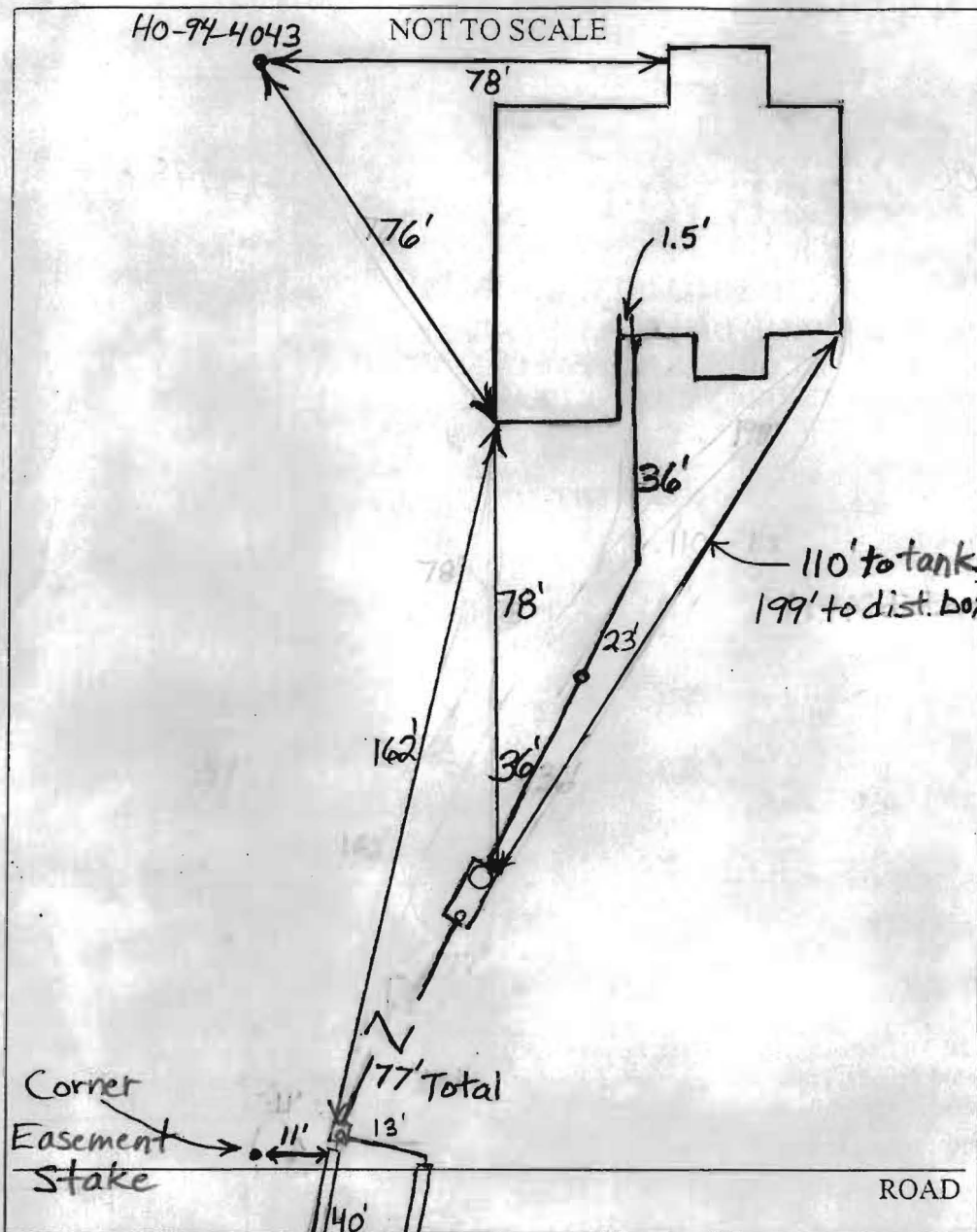
TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box in the highest elevation of the approved SDA.
NOTES:	

PLANS APPROVED: Kevin Bell Reviewed by: KN DATE: 1/31/06

NOTES: PERMIT VOID AFTER 2 YEARS  
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
WATERTIGHT SEPTIC TANKS REQUIRED  
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED  
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**NEITHER THE HOWARD COUNTY COUNCIL NOR 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**

A535182



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3.5'	8'
NUMBER OF TRENCHES <u>2</u>		
TOTAL LENGTH <u>120'</u>		
ABSORPTION AREA <u>360+ Sidewall</u>		
DISTRIBUTION BOX LEVEL <u>Levelers</u>		
DISTRIBUTION BOX BAFFLE <u>Yes</u>		
DISTRIBUTION BOX PORT <u>Yes</u>		

SEPTIC TANK DATA		
SEPTIC TANK 1 LEVEL <u>Yes</u>		
CAPACITY	<u>1500</u>	GAL
SEAM LOC	<u>Top</u>	
TANK LID DEPTH	<u>1'-1.5'</u>	
BAFFLES	<u>Yes</u>	
BAFFLE FILTER	<u>No</u>	
MANHOLE LOC	<u>Front</u>	
6" PORT LOC	<u>Rear</u>	
WATERTIGHT TEST	<u>No</u>	
SEPTIC TANK 2 LEVEL <u>N/A</u>		
CAPACITY		GAL
SEAM LOC		
TANK LID DEPTH		
BAFFLES		
BAFFLE FILTER		
MANHOLE LOC		
6" PORT LOC		
WATERTIGHT TEST		

PRE-CONSTRUCTION

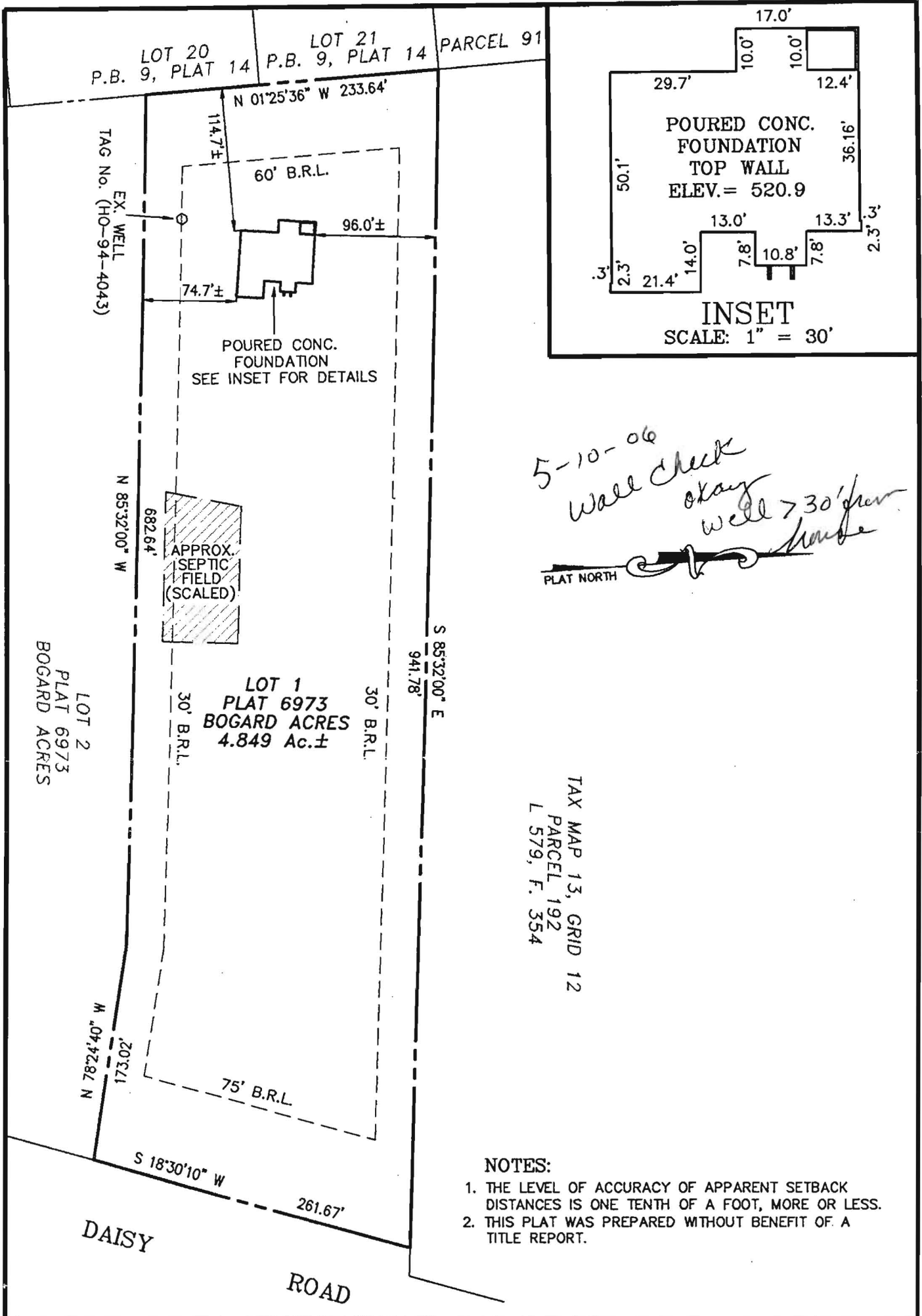
7/7/06 Install a 40' trench across the 80' very top of the easement and an 80' trench below it. (BB)

INSTALLATION

7/7/06 Everything finished. O.K to backfill. (BB)

FINAL INSPECTOR B. Baker

DATE OF APPROVAL 7/7/06



- NOTES:
1. THE LEVEL OF ACCURACY OF APPARENT SETBACK DISTANCES IS ONE TENTH OF A FOOT, MORE OR LESS.
  2. THIS PLAT WAS PREPARED WITHOUT BENEFIT OF A TITLE REPORT.

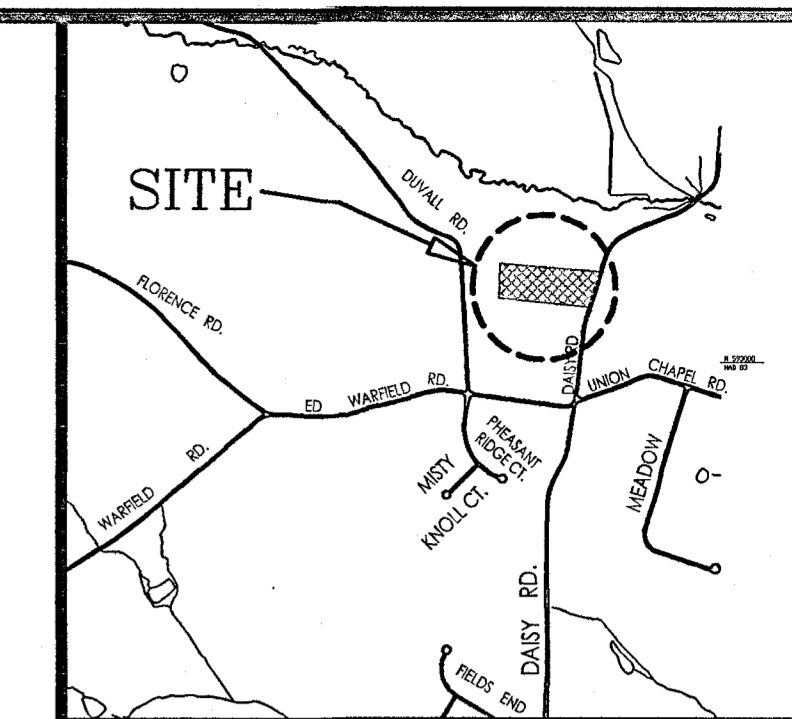
I HEREBY CERTIFY THAT IMPROVEMENTS ARE LOCATED AS SHOWN HEREON AND TO THE BEST OF MY INFORMATION, PROFESSIONAL KNOWLEDGE AND BELIEF, THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN

STATE OF MARYLAND  
 MUHAMMAD NAJIB ROSHAN  
 PROFESSIONAL LAND SURVEYOR  
 No. 11049  
 M.N. ROSHAN, L.S. DATE 3/30/06  
 MD REG. No. 11049

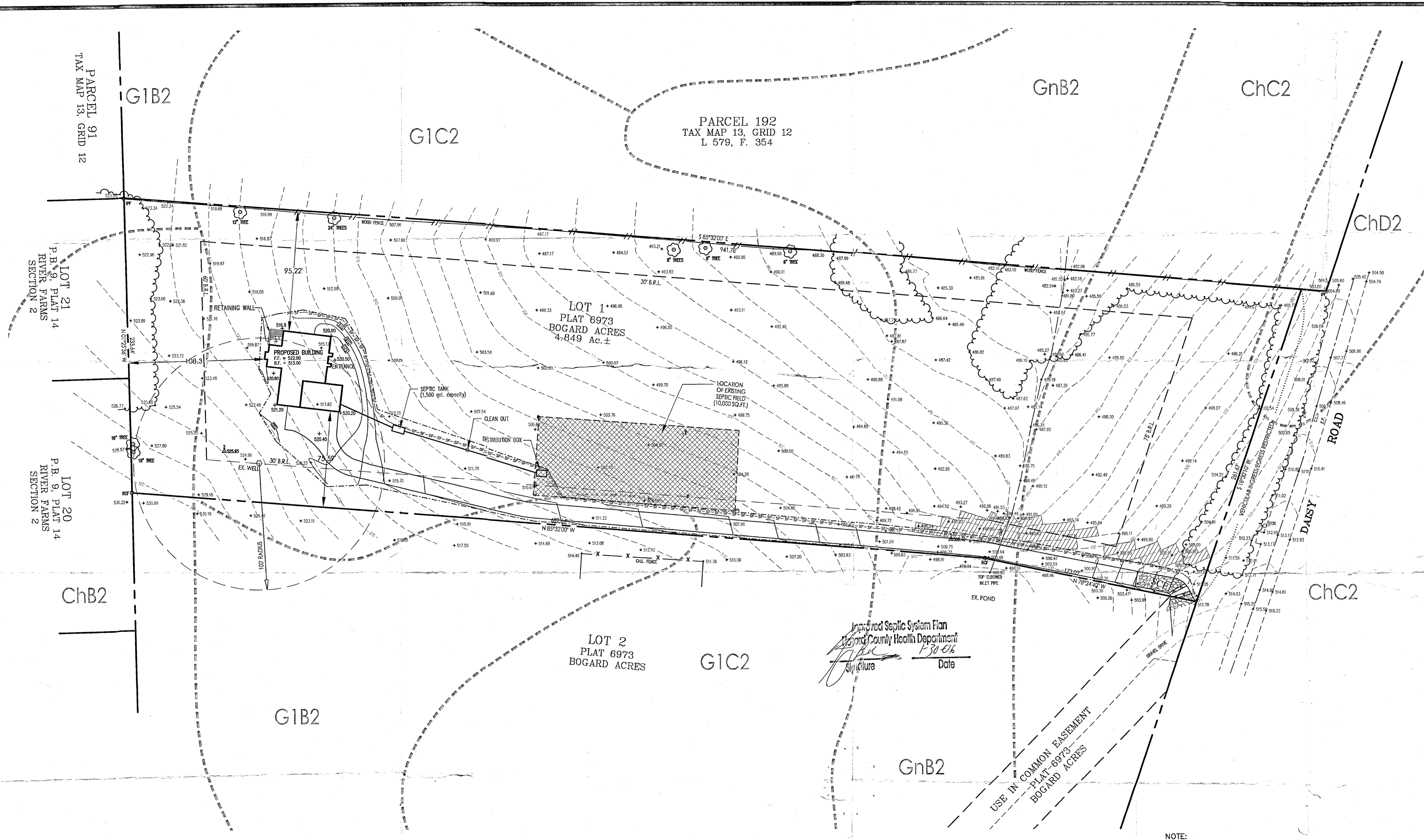
WALL CHECK  
 LOT 1  
 PLAT 6973  
 BOGARD ACRES  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 100' DATE: MARCH 30, 2006

PROJ. # 2589

**KCE ENGINEERING, INC.**  
 EXECUTIVE CENTER  
 3300 NORTH RIDGE ROAD, SUITE 315  
 ELLICOTT CITY, MARYLAND 21043  
 TEL: (410)203-9800 FAX: (410)203-9228



VICINITY MAP  
SCALE 1:2000



**LEGEND**

- POWER POLE
- \* GUY ANCHOR
- ROAD SIGN
- C4 PROPOSED LOCATION OF PERC HOLES
- DENOTES IRON PIPE FOUND
- RCF DENOTES REBARS & CAP FOUND
- EXISTING CONTOURS
- W1 ○ EXISTING WELL LOCATIONS
- EX.TREE LINE
- BUILDING RESTRICTION LINE
- BOUNDARY LINE
- SOIL TYPE LINE
- /// STEEP SLOPE (MORE THAN 25%)
- EXISTING SEPTIC FIELD
- STABILIZATION CONSTRUCTION ENTRANCE (SCE) W/MOUNTABLE BERM
- LIMIT OF DISTURBANCE
- SF---SF--- SILT FENCE

**SOILS LEGEND**

SYMBOL	NAME/DESCRIPTION	TYPE
ChB2	Chester silt loam, 3 to 8% slopes, moderately eroded	B
ChC2	Chester silt loam, 0 to 3% slopes	B
GnB2	Glenville silt loam, 3 to 8% slopes, moderately eroded	C
G1B2	Glenelg loam, 3 to 8% slopes, moderately eroded	B
G1C2	Glenelg loam, 8 to 15% slopes, moderately eroded	B

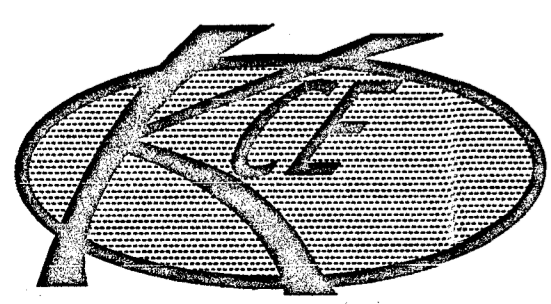
- SEQUENCE OF CONSTRUCTION**
1. Obtain a Grading Permit.
  2. Install Stone Construction Entrance.
  3. Install the sediment control measures as shown on plan.
  4. Perform necessary grading and stabilize the site with topsoil and seeding.
  5. After the site is permanently stabilized and permission is granted from the Howard County Sediment Control Inspector, remove sediment controls and stabilize any remaining disturbed areas.

- NOTES:**
1. This site is zoned RR-DEC per the 10-18-93 Comprehensive Zoning Plan.
  2. BRL denotes Building Restriction Line.
  3. Driveway shall be provided per the following minimum requirements:
    - a. Width-12' (14' serving more than one residence);
    - b. Surface-6" of compacted crusher run base w/tar and chip coating (1-1/2" min.);
    - c. Geometry-Max. 15% grade, max. 10% grade change and min. 45' turning radius;
    - d. Structures (culverts/bridges)-capable of supporting 25 gross tons (H25 loading);
    - e. Drainage Elements-capable of safely passing 100-year flood with no more than 1 foot depth over driveway surface;
    - f. Maintenance-sufficient to insure all weather use.
  4. Topography shown here is based on field run top performed by KCE Engineering, Inc. in November, 2005.
  5. Boundary survey was performed by KCE Engineering, Inc. in December, 2005.
  6. The existing well shown on this plan (identified with the attached well tag number # HO-94-4043) has been field located by KCE Engineering Inc. and is accurately shown.
  7. This area designates a private easement of minimum of 10,000 square feet as required by the Maryland state department of the environment for individual sewage disposal improvements of any nature in this area are restricted until public sewage is available. These easements will become null and void upon connection of public sewage 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.
  8. The lot hereon complies with the minimum ownership, with a lot area as required by the Maryland state department of the environment.
  9. This survey is tied to Howard county NAD 83 coordinates and NGVD 29 vertical datum.
  10. Existing wells and/or sewerage easements within 100 feet of the property have been shown from the best available information.
  11. All house sites shown comply with minimum building restriction regulations.

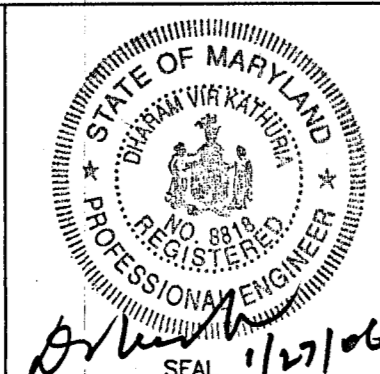
NOTE:  
ELEVATIONS SHOWN HEREON ARE TIED TO HOWARD COUNTY NGVD 29 DATUM.

First Floor Elevation= 522.00  
Basement Elevation= 513.00  
Invert Out of the House= 511.88  
Invert In Septic Tank @2%= 510.96  
Invert Out Septic Tank= 510.76  
Invert In Distribution Box= 507.40  
Existing Elevation @Septic Tank= 512.40  
Existing Elevation @Distribution Box= 509.40

NOTE  
THE LOT HEREON COMPLIES WITH THE MINIMUM OWNERSHIP, WITH A LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.



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EXECUTIVE CENTER  
3300 NORTH RIDGE ROAD, SUITE 315  
ELLCOTT CITY, MARYLAND 21043  
PHONE (410) 203-9800 FAX (410) 203-9228



**OWNER & DEVELOPER**  
TOM + LISA HOLTON  
9984 VILLAGE GREEN CT.  
WOODSTOCK, MD-21163

**PLOT PLAN**  
LOT 1  
PARCEL 113, TAX MAP 13, GRID 18  
BOGARD ACRES, HOWARD COUNTY, MARYLAND

SCALE: 1"=40'    JOB NO.: 05120.00    DATE: 01/27/2006    SHEET: 1 OF 1