

LAYOUT 5/4/06 INSP 4 \_\_\_\_\_  
INSP 2 6/1/06 INSP 5 \_\_\_\_\_  
INSP 3 6/3/06 INSP 6 \_\_\_\_\_

ISSUE DATE: \_\_\_\_\_

APPROVAL DATE: 6/8/06

# PERMIT

TAX ID #03-280004

P 524438.B

A 517379-A

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

J A Smith & Company IS PERMITTED TO INSTALL  ALTER

ADDRESS: 7080 KitKat Road, Elkridge PHONE NUMBER: 410-796-7532

SUBDIVISION: Wildflower Woods LOT NUMBER: K

ADDRESS: 3301 Rosemary Lane Brian Pugh

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED

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

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 147 HOUSE SERVED BY PUBLIC WATER

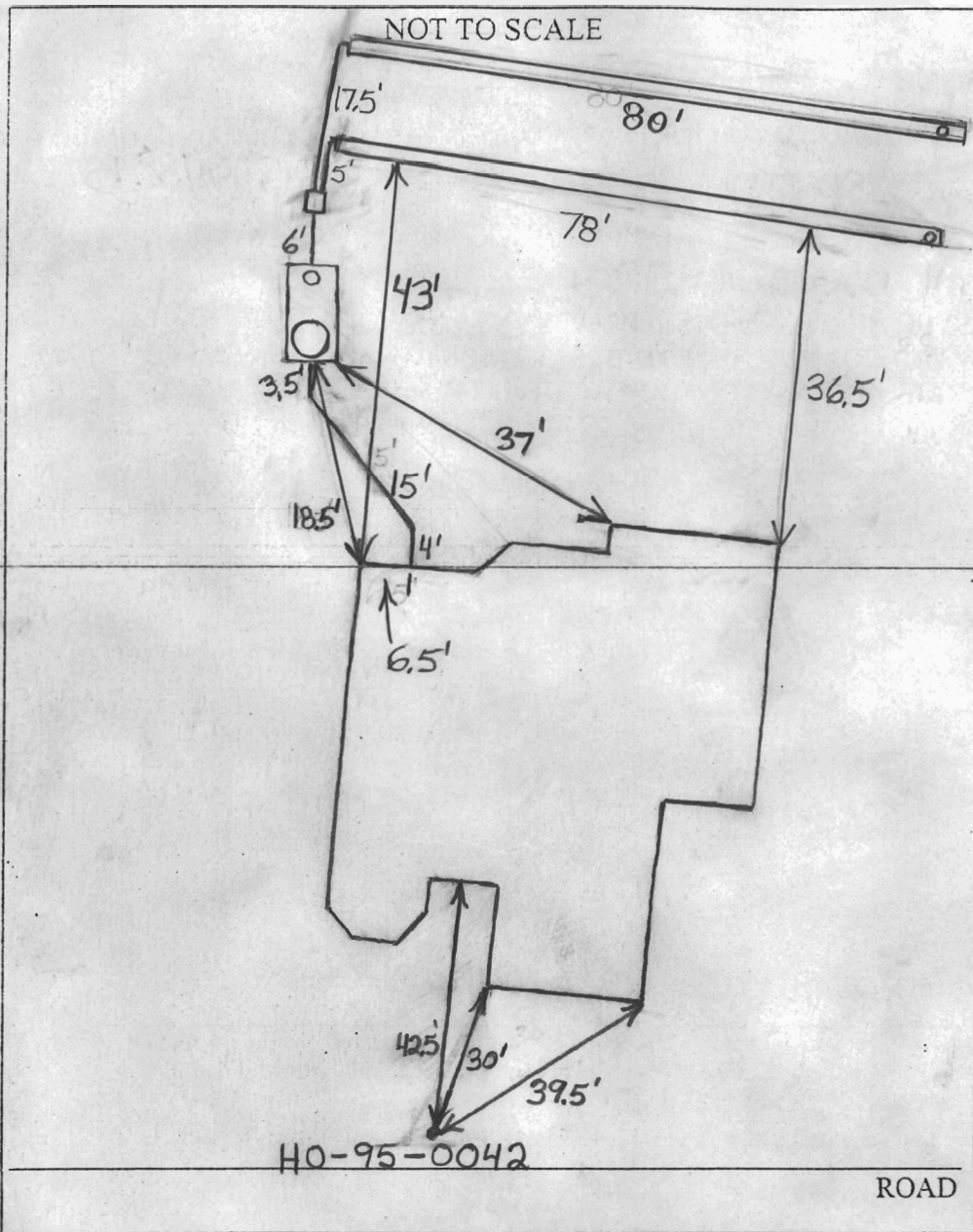
|           |   |
|-----------|---|
| TRENCHES: | Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 7.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 4.0 feet of stone below distribution pipe. |
| LOCATION: | Keep distribution box at the highest elevation in the approved SDA.   |
|           |   |

PLANS APPROVED: Sara Fegel Reviewed by: KN DATE: 12/16/05

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 ALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

A 517379-A



| TRENCH/DRAINFIELD DATA  |       |                |
|-------------------------|-------|----------------|
| WIDTH                   | INLET | BOTTOM         |
| 3'                      | 3'    | 7'             |
| NUMBER OF TRENCHES      |       | 2              |
| TOTAL LENGTH            |       | 158'           |
| ABSORPTION AREA         |       | 474 + Sidewall |
| DISTRIBUTION BOX LEVEL  |       | Levelers       |
| DISTRIBUTION BOX BAFFLE |       | Yes            |
| DISTRIBUTION BOX PORT   |       | No             |

| SEPTIC TANK DATA    |          |
|---------------------|----------|
| SEPTIC TANK 1 LEVEL | Yes      |
| CAPACITY            | 1500 GAL |
| SEAM LOC            | Top      |
| TANK LID DEPTH      | 0.5'-2'  |
| BAFFLES             | Yes      |
| BAFFLE FILTER       | No       |
| MANHOLE LOC         | Front    |
| 6" PORT LOC         | Rear     |
| WATERTIGHT TEST     | No       |
| SEPTIC TANK 2 LEVEL | N/A      |
| CAPACITY            | GAL      |
| SEAM LOC            |          |
| TANK LID DEPTH      |          |
| BAFFLES             |          |
| BAFFLE FILTER       |          |
| MANHOLE LOC         |          |
| 6" PORT LOC         |          |
| WATERTIGHT TEST     |          |

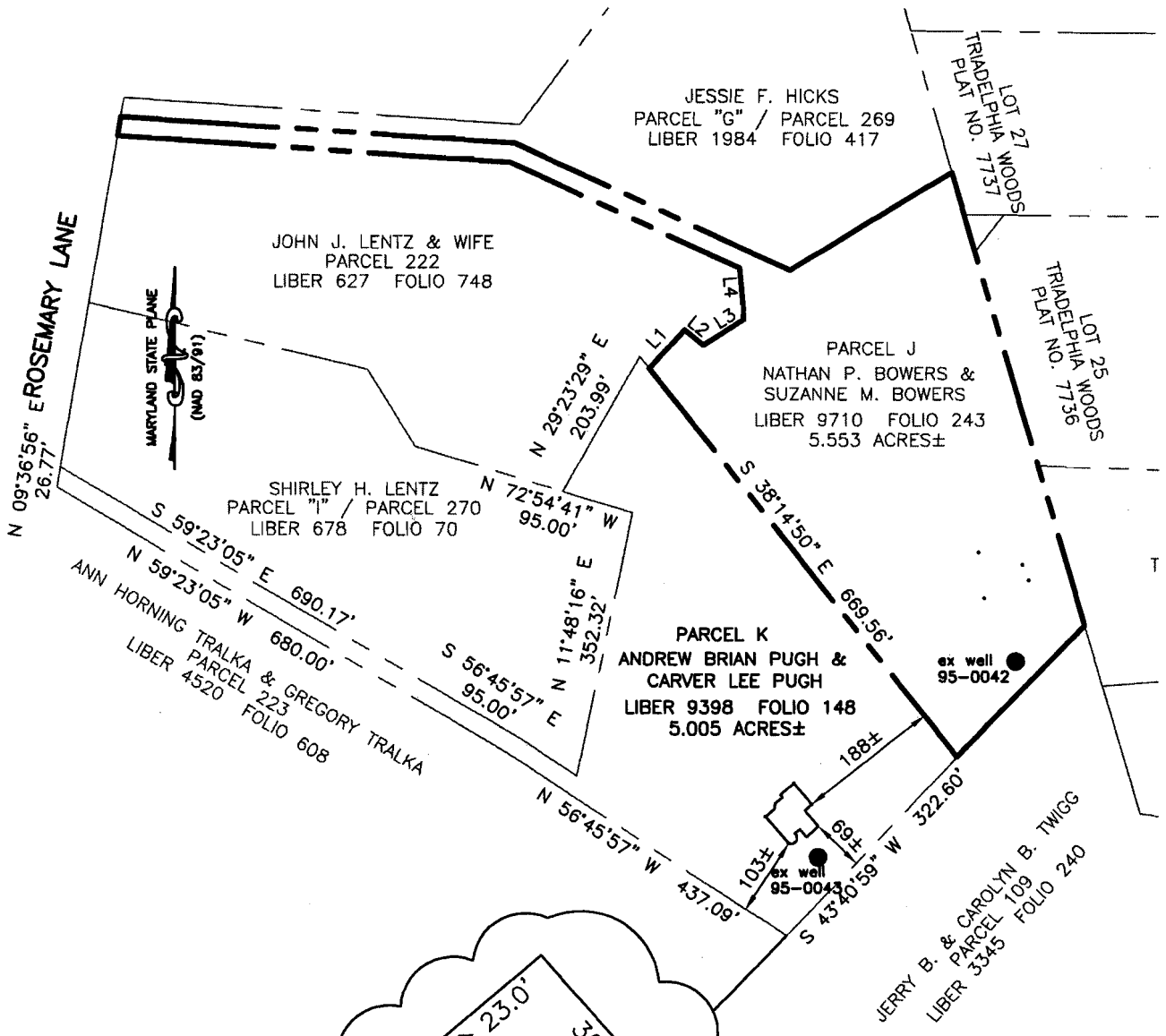
PRE-CONSTRUCTION 5/4/06 O.K. to install tank in location drawn on building permit plan. Make sure tank is 100' from well.

INSTALLATION Trench layout needs to be determined with a transit. Need to install one trench above large tree and one trench directly below it. (BB) 6/1/06 Tank set. Place the distribution box directly after the tank and install 2-75' trenches on contour across the easement. The top trench should be directly below the largest tree. (BB) 6/3/06 Trenches installed. Plumbing done. Need tank cleanouts and distribution box levelers. (BB) 6/8/06 Cleanouts on tank and levelers

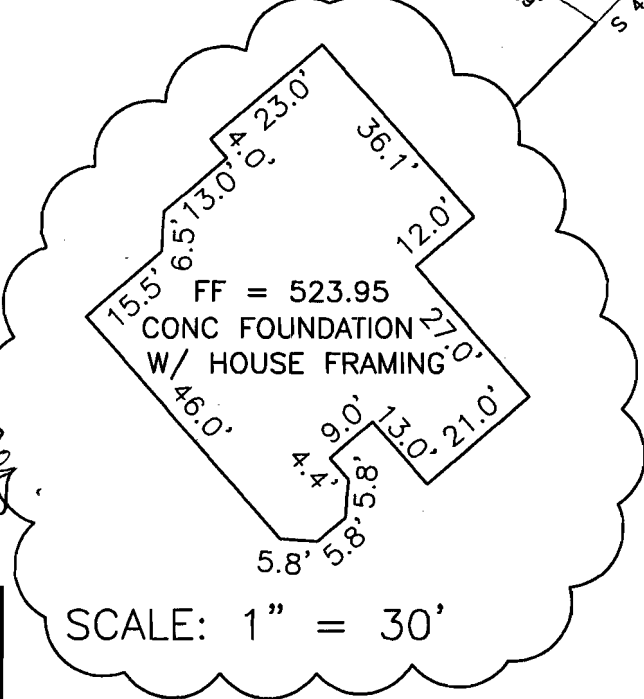
FINAL INSPECTOR B. Baker

DATE OF APPROVAL 6/8/06

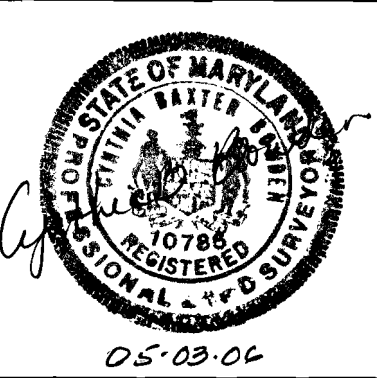
installed per contractor (BB)



5/4/04  
RSM  
45' from  
house to casing



the well was field located



THIS LOCATION DRAWING AND THE SURVEYING WORK REFLECTED IN IT WERE PREPARED UNDER MY RESPONSIBLE CHARGE AND COMPLY WITH THE REQUIREMENTS SET FORTH IN THE MARYLAND MINIMUM STANDARDS FOR PROFESSIONAL LAND SURVEYORS (COMAR 09-13(6)). IT IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING, OR REFINANCING; IT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS; AND IT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY LINES; HOWEVER, THIS IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING. DIMENSIONS OF BUILDINGS TO PROPERTY LINES ARE WITHIN A TOLERANCE OF ONE (1) FOOT, MORE OR LESS.

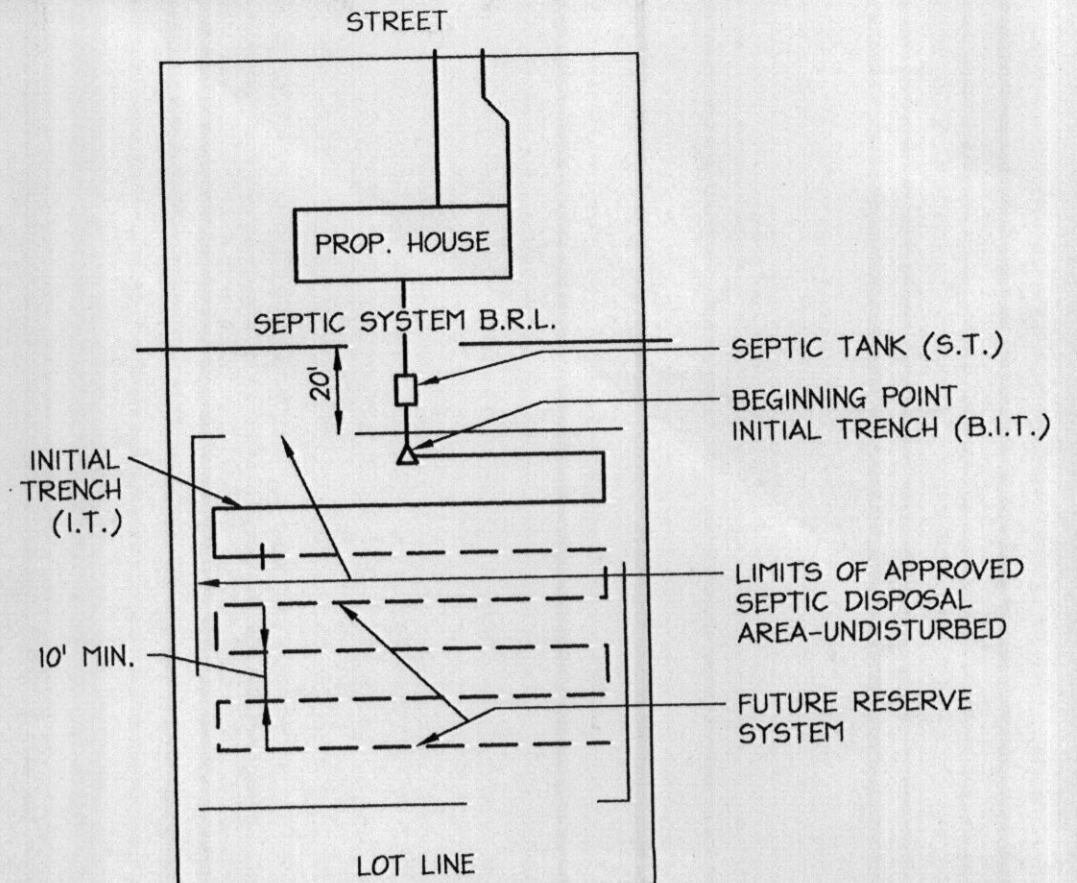
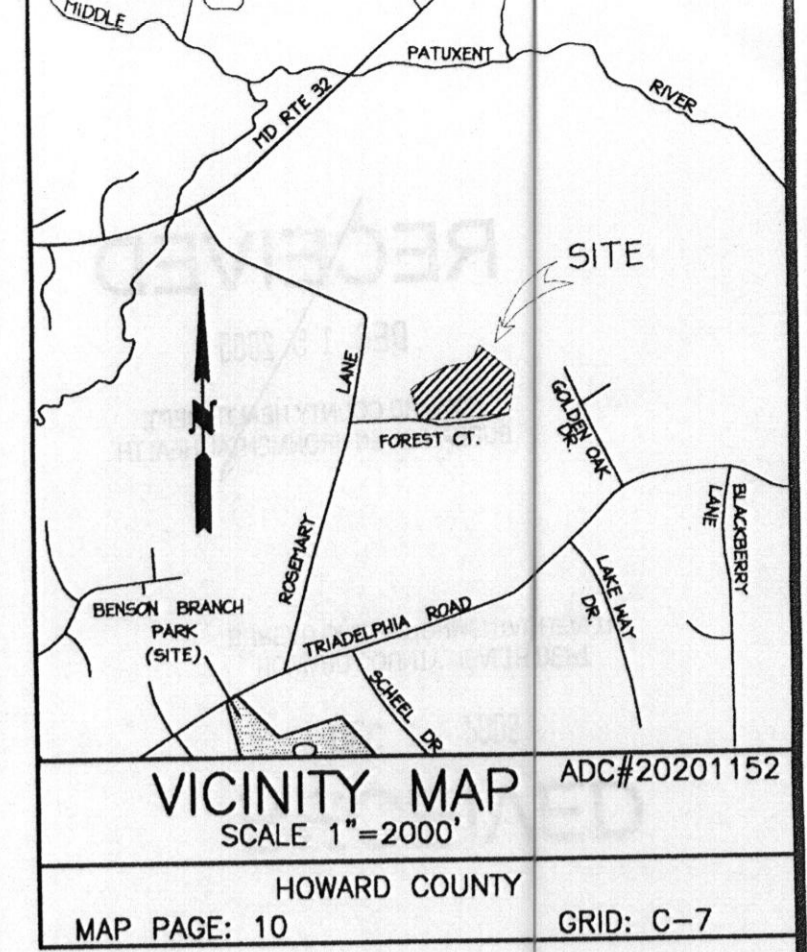
3301 ROSEMARY LANE  
WEST FRIENDSHIP, MARYLAND 21794  
(lot 1)

**FOUNDATION LOCATION**  
**PARCEL K**  
**ANDREW BRIAN PUGH & CARVER LEE PUGH**  
**LIBER 9398 FOLIO 148**  
**3RD ELECTION DISTRICT**  
**HOWARD COUNTY, MARYLAND**



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7172 columbia gateway drive (suite 100) columbia, md. 21046-2990  
410.872.8690 metro 301.881.0148 fax 410.872.8693

|                  |
|------------------|
| DRAWN: MLC       |
| CHECKED: CBB     |
| DATE: 02-23-2006 |
| CCL# 05R801      |
| SCALE: 1" = 200' |
| SHEET: 1 OF 1    |



**TYPICAL SEPTIC SYSTEM DESIGN AND ABBREVIATIONS**  
NO SCALE

**SEPTIC TANK DESIGN:**  
NO. OF BEDROOMS = 5  
USE MINIMUM TANK CAPACITY BELOW OUTLET OF 1,500 GALLONS.

**REQUIRED ABSORPTION AREA:**  
250 sq. ft. / BEDROOM = 5x250 = 1,250 sq. ft. USE OF A 3' STONE TRENCH REQUIRES 139' OF INITIAL TRENCH.

**ROSEMARY LANE**  
(PUBLIC-ROW VARIES)  
ALL PROPERTY LINES EXTEND TO CENTERLINE OF PAVING

**LEGEND**

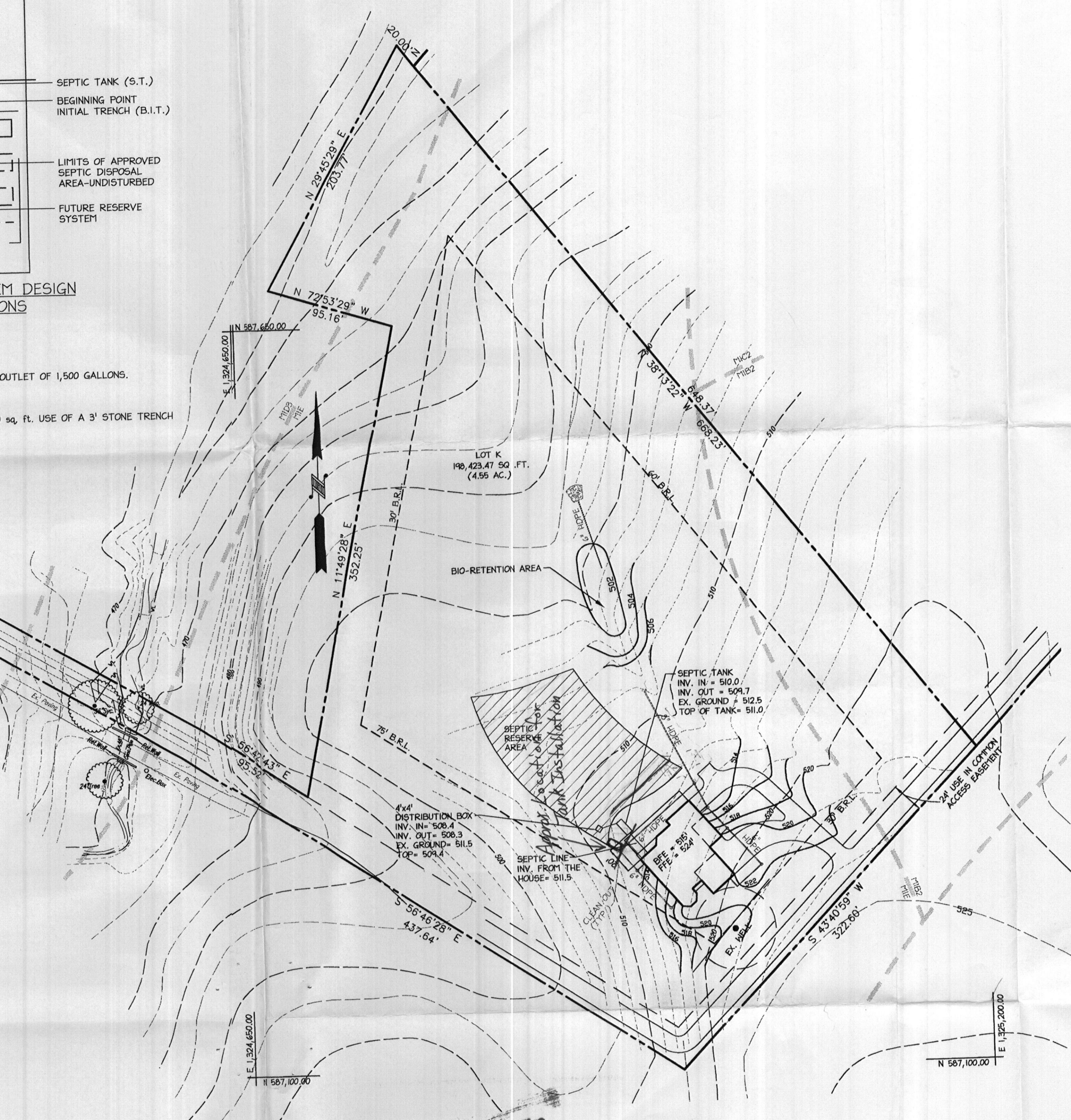
|                                   |     |
|-----------------------------------|-----|
| EXISTING CONTOURS                 | --- |
| EXISTING SOILS                    | --- |
| PROPERTY LINE                     | --- |
| PROPOSED LOT LINE                 | --- |
| PROPOSED SETBACK LINES            | --- |
| STREAMS                           | --- |
| WETLANDS                          | --- |
| 24' USE IN COMMON ACCESS EASEMENT | --- |
| PROPOSED SEPTIC RESERVE AREA      | --- |

**NOTES:**

1. THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER EX: H095-0042) HAS BEEN FIELD LOCATED BY PUGH CONSTRUCTION (INDIVIDUAL OR COMPANY PROFESSIONAL LAND SURVEYOR(S) AND IS ACCURATELY SHOWN.
2. IN ADDITION TO THIS NEW REQUIREMENT, ALL HOUSE LOCATION DRAWINGS (WALL CHECKS) SUBMITTED AFTER 7/14/03 ARE REQUIRED TO ALSO SHOW THE EXISTING FIELD LOCATED WELL(S) IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER ALONG WITH THE RECORDED SEPTIC EASEMENT OR APPROVED SEWAGE DISPOSAL AREA SHOWN.

**GENERAL NOTES:**

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. 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 SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. EXISTING ~~WELLS~~ AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
4. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
5. ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPERS RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
6. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS / BUREAU OF ENGINEERING / CONSTRUCTION INSPECTION DIVISION AT 410.313.1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
7. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1.800.257.7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
8. THE EXISTING TOPOGRAPHY IS TAKEN FROM A FIELD RUN SURVEY WITH 2-FOOT CONTOUR INTERVALS PREPARED BY SHANABERGER & LANE DATED AUGUST 2002. THE FIELD RUN TOPOGRAPHY HAS BEEN SUPPLEMENTED WITH 5-FOOT HOWARD COUNTY GIS TOPOGRAPHY.
9. THIS LOT WILL BE SERVED BY WELL AND SEPTIC.
10. ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPERS EXPENSE.
11. ZONING: RR-DEO
12. BUILDING SETBACKS:  
FRONT: 75'  
SIDE: 30'  
REAR: 60'
13. LOCATION OF SEPTIC RESERVE AND WELL AREAS ARE FROM THE "FIELD - LOCATED PERC - TEST PLAT", PREPARED BY SHANABERGER & LANE, DATED OCTOBER 26, 2004 (PERC #A517379).
14. A MINIMUM OF 3' VERTICAL CLEARANCE SHALL BE PROVIDED BETWEEN STORMDRAIN AND SEPTIC LINES.
15. ALL SEWER PIPES WILL BE 6" PVC.



Approved Septic System Plan  
Howard County Health Department  
*Signature*  
Date: 12/16/05

APPROVED: DEPARTMENT OF PUBLIC WORKS

Chief, Bureau of Highways \_\_\_\_\_ Date \_\_\_\_\_

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Chief, Division of Land Development \_\_\_\_\_ Date \_\_\_\_\_

Chief, Development Engineering Division \_\_\_\_\_ Date \_\_\_\_\_

Director, Department of Planning and Zoning \_\_\_\_\_ Date \_\_\_\_\_

| Date | No. | Revision Description |
|------|-----|----------------------|
|      |     |                      |
|      |     |                      |

**WILDFLOWER WOODS**

**OWNER / DEVELOPER**

BRIAN PUGH  
4667 BEECHWOOD RD.  
ELLCOTT CITY, MD 21043

TEL: (410) 719-9400  
FAX: (410) 719-9400

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410.872.8890 · mpls 301.981.0148 · fax 410.872.8883

**ADDRESS CHART**

| LOT/PARCEL | STREET ADDRESS     |
|------------|--------------------|
| LOT K      | 3301 ROSEMARY LANE |

**PERMIT INFORMATION CHART**

|                  |                |              |         |                   |
|------------------|----------------|--------------|---------|-------------------|
| PROJECT NAME     | LOT/PARCEL NO. | CENSUS TRACT |         |                   |
| WILDFLOWER WOODS | LOT K          | 693000       |         |                   |
| PLAT NO.         | GRID NO.       | ZONE         | TAX MAP | ELECTION DISTRICT |
| 5                | 5              | RR-DEO       | 22      | 4TH               |
| WATER CODE       | SEWER CODE     |              |         |                   |

TITLE: **WELL & SEPTIC PLANS WILDFLOWER WOODS LOT K**

|                  |                     |                    |
|------------------|---------------------|--------------------|
| DESIGN: ENJ/JMBA | SCALE: 1" = 50'     | PROJECT: 05R001.00 |
| DRAWN: DAM       | DATE: DECEMBER 2005 |                    |
| CHECKED: JMH     | APPROVED: _____     | 4 OF 4             |

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_  
HOWARD COUNTY HEALTH DEPARTMENT

