

LAYOUT 4/15/04 11AM INSP 4 \_\_\_\_\_  
 INSP 2 4/16/04 PM INSP 5 \_\_\_\_\_  
 INSP 3 4/19/04 AM INSP 6 \_\_\_\_\_

ISSUE DATE: 4/13/2004  
 APPROVAL DATE: 4/19/04

**PERMIT**  
04-367405  
**INDEXED**

P 520147  
 A 519029-A

**ON-SITE SEWAGE DISPOSAL SYSTEM  
 HOWARD COUNTY HEALTH DEPARTMENT  
 BUREAU OF ENVIRONMENTAL HEALTH  
 3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MD 21043**

Level Land, Inc IS PERMITTED TO INSTALL  ALTER   
 ADDRESS: PO Box 100, Lisbon, MD 21765 PHONE NUMBER: 443-677-0627  
 SUBDIVISION: The Oaks @ Bushy Park (unofficial title) LOT NUMBER: 2  
 ADDRESS: 15084 Bushy Park Road PROPERTY OWNER: Steven/Ann Leaf  
 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: 180  
 LINEAR FEET OF TRENCH REQUIRED: ~~280~~ 190 HOUSE SERVED BY PUBLIC WATER   
4

TRENCHES:	Trench to be 3.0 feet wide. Inlet <del>6.0</del> feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 7.0 feet below original grade. <u>2.0</u> feet of stone below distribution pipe.
LOCATION:	Place the distribution box 160' down the left property line and 10' from this same property line. Run (6) trenches on contour to center of lot as shown.
NOTES:	OK to install tank 96-100' from well. Precise trench installation is critical to maintaining adequate area for future repair.

PLANS APPROVED: MER / KN DATE: 10/24/03

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

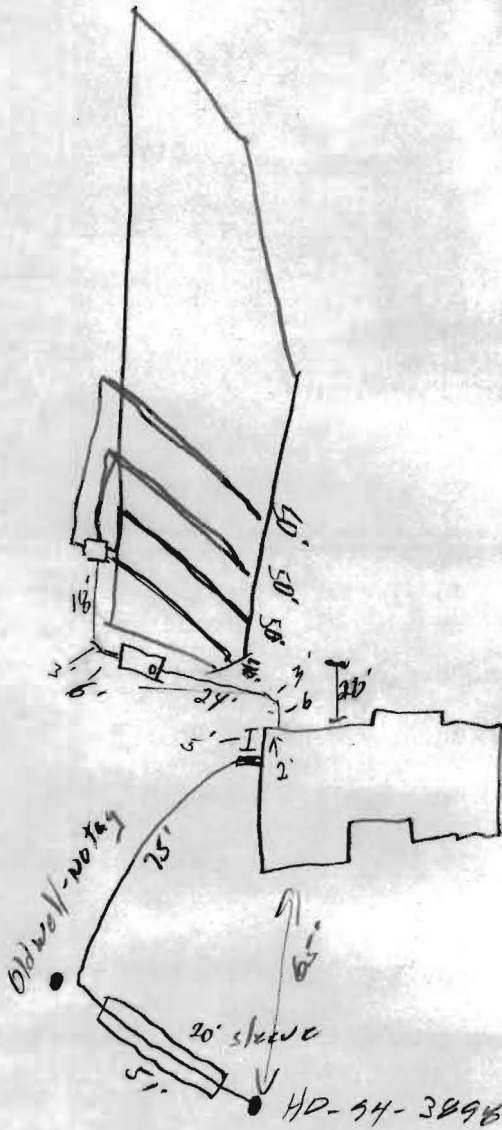
**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS  
 RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
 CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

**BUILDING PERMITS SIGNED HAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL**

**AND RETURNED**  
 7-12-05 B00155996 - IG PVDL  
 12/24/04 B00149091 - DECK  
 8-10-04 B00149459 LP TANK  
 10/28/03 B00144305

A519029-A

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
<u>3</u>	<u>4'</u>	<u>8'</u>
NUMBER OF TRENCHES		<u>4</u>
TOTAL LENGTH		<u>190'</u>
ABSORPTION AREA		<u>760sf</u>
DISTRIBUTION BOX LEVEL		<u>    </u>
DISTRIBUTION BOX BAFFLE		<u>    </u>
DISTRIBUTION BOX PORT		<u>N/A</u>

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL <input checked="" type="checkbox"/>	
CAPACITY	<u>1500</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>6"</u>
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<u>    </u>
MANHOLE LOC	<u>    </u>
6" PORT LOC	<u>Front</u>
WATERTIGHT TEST	<u>    </u>
SEPTIC TANK 2 LEVEL <u>    </u>	
CAPACITY	<u>    </u> GAL
SEAM LOC	<u>    </u>
TANK LID DEPTH	<u>    </u>
BAFFLES	<u>N/A</u>
BAFFLE FILTER	<u>    </u>
MANHOLE LOC	<u>    </u>
6" PORT LOC	<u>    </u>
WATERTIGHT TEST	<u>    </u>

Bashy Park Rd

ROAD

PRE-CONSTRUCTION 4/15/04 - SRA staked, contours accurate Install

(1) 40' & (3) 50' trenches (50)

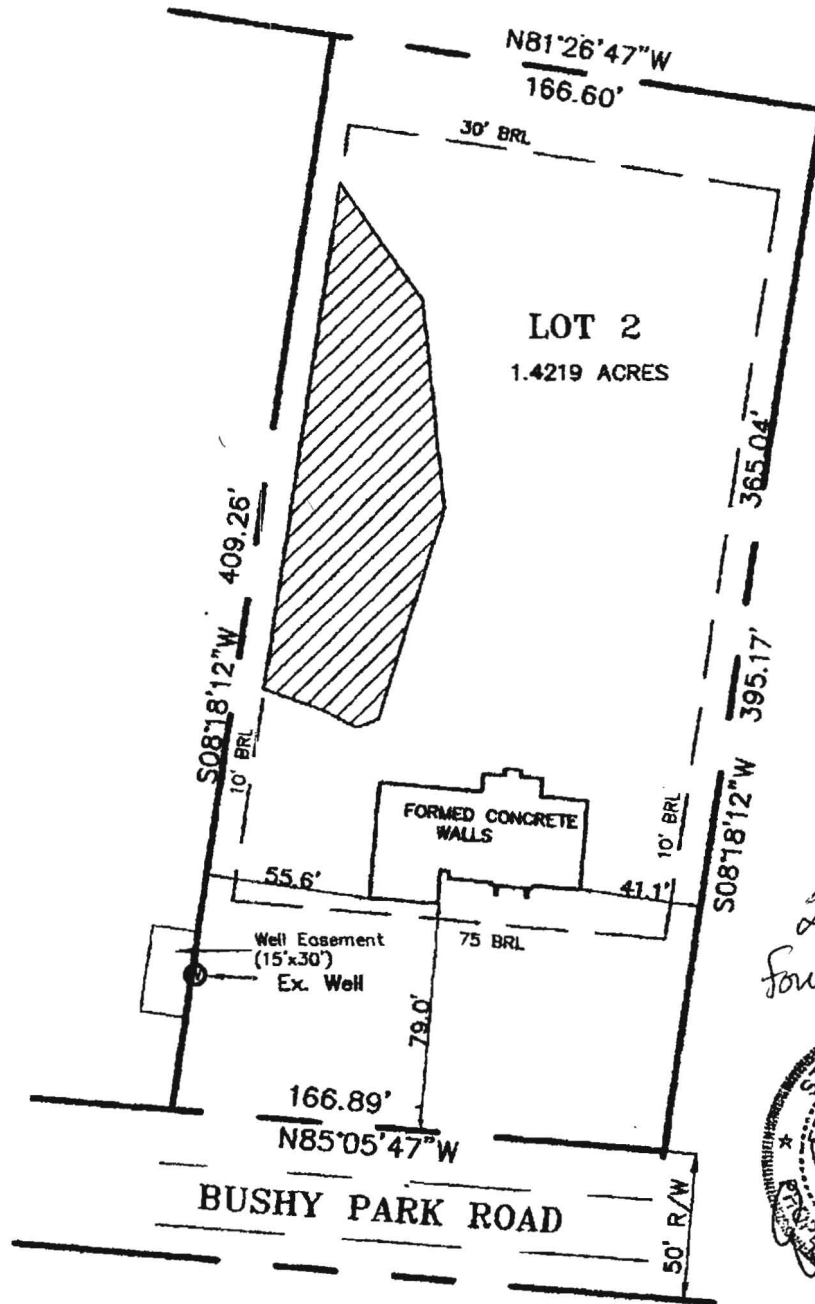
INSTALLATION 4/16/04 - AM. Tank set, 3 trenches installed (50)

4/19/04 - System complete OK to cover all work (50)  
Cont. to sleeve well line under driveway (50)

BUILDING PERMIT SIGNED  
 AND RETURNED

FINAL INSPECTOR [Signature]

DATE OF APPROVAL 4/19/04



4/14/04  
 Wall Check  
 OKay (KN)

20' from  
 Foundation



TOP OF WALL ELEVATION: 607.7

**RECORD REFERENCES**

LIBER/FOLIUM \_\_\_\_\_  
 PLAT BOOK \_\_\_\_\_  
 PLAT NO./FOLIUM \_\_\_\_\_

SCALE 1"=60'  
 DATE 11/15/03

**WALL CHECK**

16084 BUSHY PARK ROAD  
 HOWARD COUNTY, MARYLAND

**MARKS & ASSOCIATES LLC**

ENGINEERING - SURVEYING - LAND PLANNING  
 4538 COLLEGE AVENUE ELlicOTT CITY, MARYLAND  
 TELEPHONE (410)747-8738 FAX (410)747-8739

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

*Erik C. Marks*

ERIK C. MARKS R.P.L.S. 6607

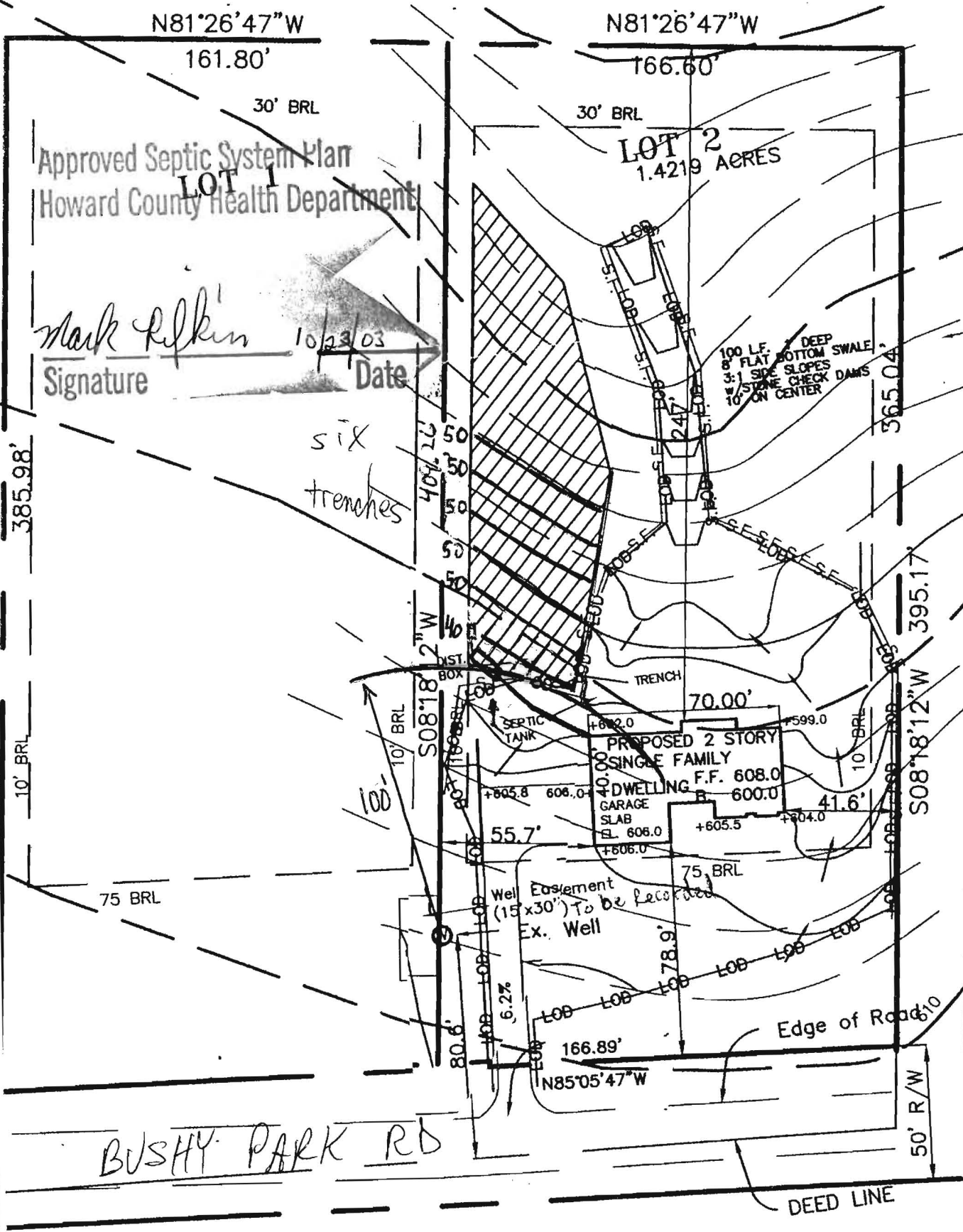
EXISTING		PROPOSED	
ELEVATION OF WELL AT GRADE	607.9'	FIRST FLOOR:	608.0'
		BASEMENT:	600.0'
GRADE AT SEPTIC TANK	601.5'	INVERT OUT OF HOUSE	598.1'
GRADE AT DISTRIBUTION BOX	600.6'	INVERT INTO SEPTIC TANK	597.8'
		INVERT OUT OF SEPTIC TANK	597.6'
		INVERT INTO DISTRIBUTION BOX	597.4'
GRADE AT TRENCHES	600.6'	INVERT OUT OF DISTRIBUTION BOX	597.2'
		INVERT INTO TRENCH	594.6' 597.1'

MD. STATE GRID MERIDIAN

RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, IN LIBER 319

2. FT.

590



Approved Septic System Plan  
 HOWARD COUNTY HEALTH DEPARTMENT

*Mark R. Larkin*  
 Signature  
 10/23/03  
 Date

six  
 trenches

100 LF. DEEP  
 8" FLAT BOTTOM SWALE  
 3:1 SIDE SLOPES  
 W/ STONE CHECK DAMS  
 10' ON CENTER

PAR. 3  
 946/38

PAR. 4  
 4499/

1:50  
 PLAN BY  
 Eric Marks

BUSHY PARK RD

DEED LINE

610

