

LAYOUT 4/21/04-10A INSP 4 _____
 INSP 2 4/22/04 F/U P.M. INSP 5 _____
 INSP 3 4/23/04 A.M. INSP 6 _____

ISSUE DATE: 4/13/2004

APPROVAL DATE: 4/23/04

PERMIT INDEXED

P 520145

A 518990

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

04-366794

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ALTER

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

SUBDIVISION: Quartz Hill LOT NUMBER: Parcel 3

ADDRESS: 1210 Hoods Mill Road PROPERTY OWNER: John M. Gaske

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 6

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 334 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 2.0 feet wide. Inlet 5.0 feet below original grade. Bottom maximum depth 7.5 feet below original grade. Effective area begins at 6.0 feet below original grade. 2.5 feet of stone below distribution pipe.
LOCATION:	Place the distribution box midway between the two upper corner easement stakes. Run trenches on contour to both sides of the easement as shown on the approved building permit plan.
NOTES:	Maintain 100' separation between the well and the trenches.

PLANS APPROVED: Brian Baker DATE: 12/24/03

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

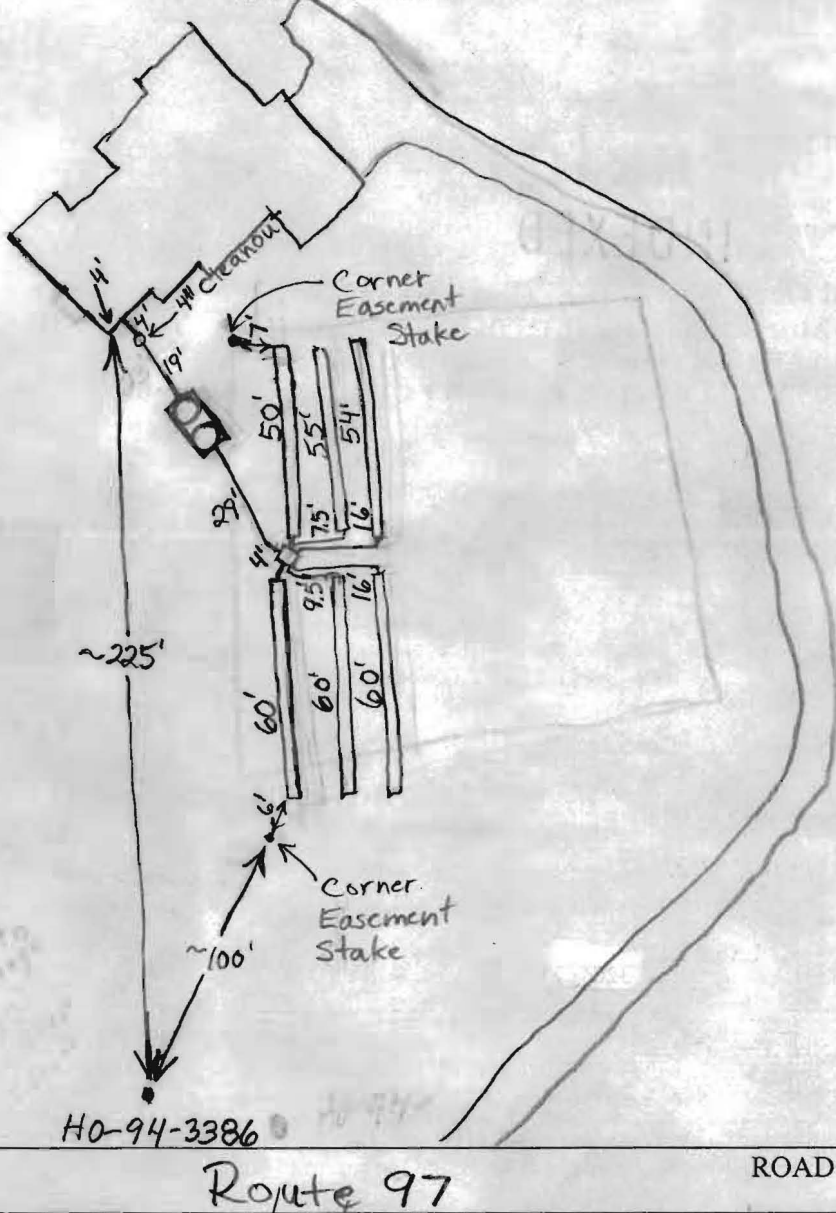
DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL

**BUILDING PERMIT SIGNED
 AND RETURNED**

1/19/04 800147750-UG LP TANK
 4/17/05 800152302-SHED
 1/22/06 800158771-DEUC

A518990

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	5'	7.5'
NUMBER OF TRENCHES <u>6</u>		
TOTAL LENGTH <u>339'</u>		
ABSORPTION AREA <u>848 sq ft</u>		
DISTRIBUTION BOX LEVEL <u>Levelers</u>		
DISTRIBUTION BOX BAFFLE <u>Yes</u>		
DISTRIBUTION BOX PORT <u>No</u>		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	
CAPACITY	<u>2000</u> GAL
SEAM LOC	<u>Top</u>
TANK LID DEPTH	<u>18"</u>
BAFFLES	<u>Yes</u>
BAFFLE FILTER	<u>No</u>
MANHOLE LOC	<u>Front+Back</u>
6" PORT LOC	<u>No</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	_____

Route 99

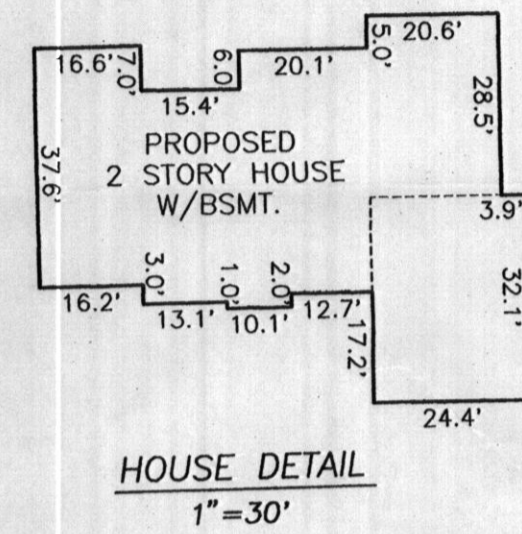
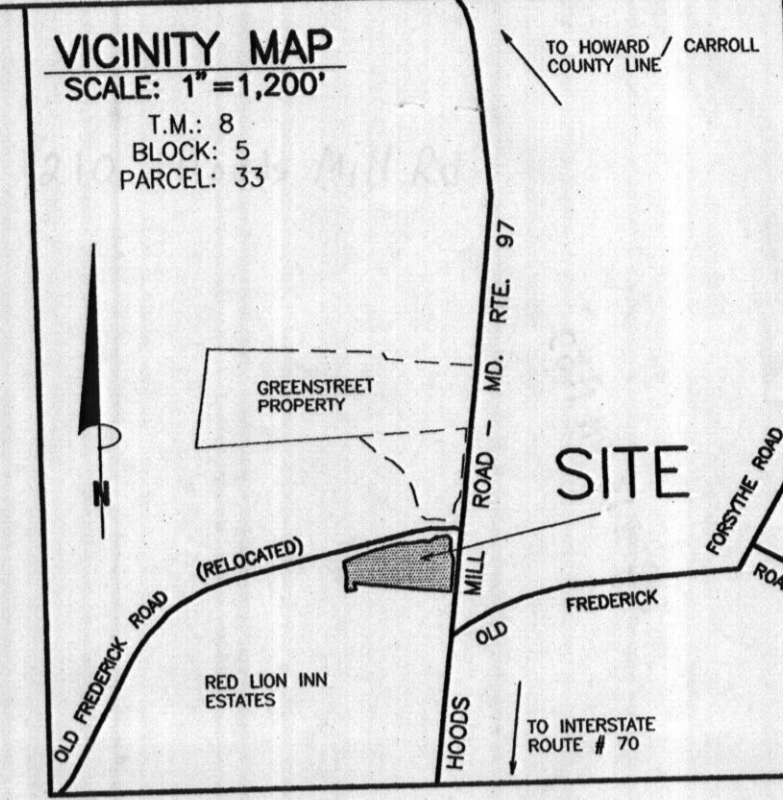
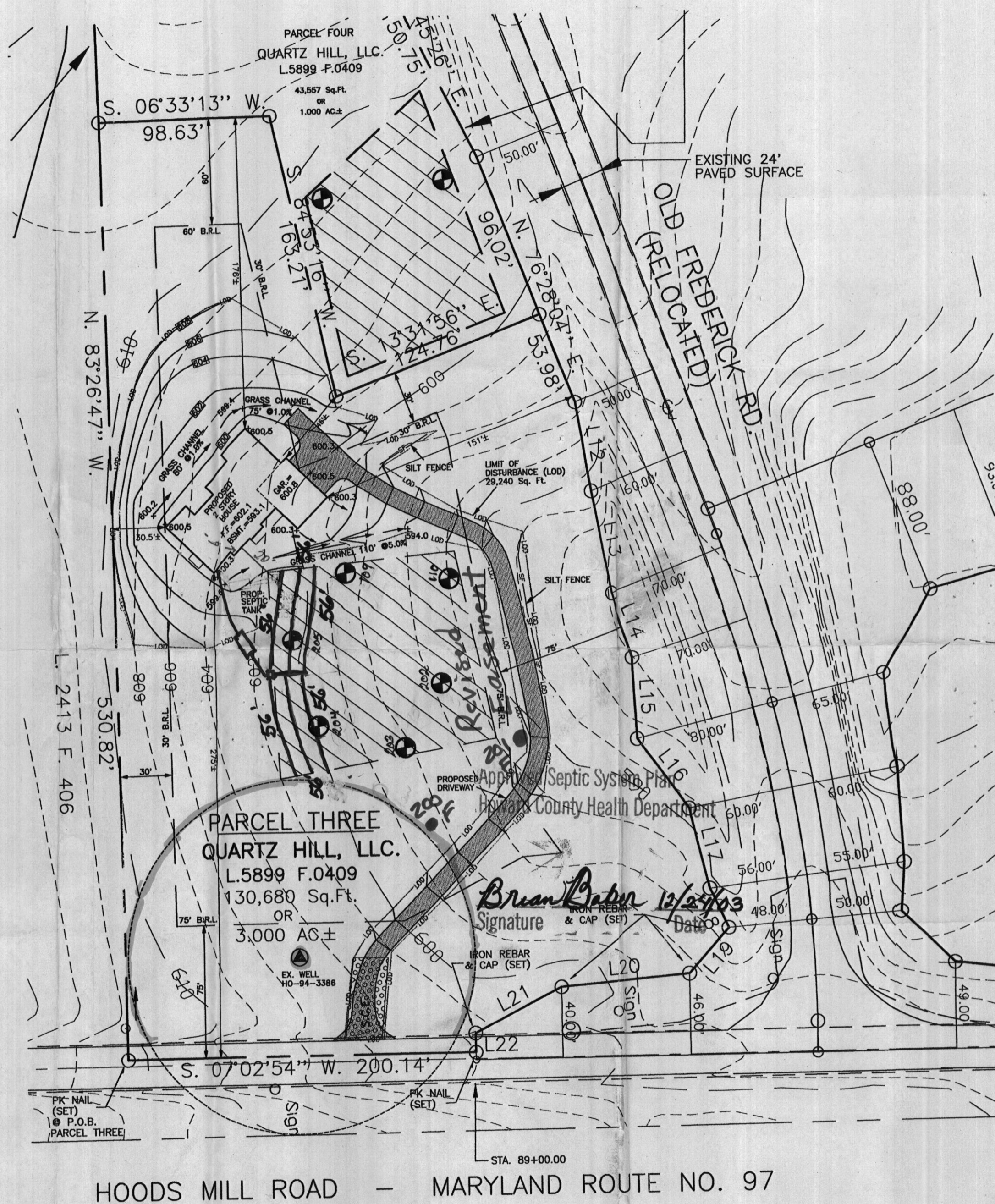
PRE-CONSTRUCTION 4/21/04 - SRA staked, contours accurate Install system per B.P. (50)

INSTALLATION 4/22/04 Tank set. Top two trenches done. Trenches are somewhat off contours. Installer trying to keep them as high as possible to avoid removing extra trees. Installer (Woody) said that he was keeping the bottom of the trenches level. (BB) 4/23/04 Trenches done. Installer needs to put cleanout (s) on tank and put in tank baffles, O.K. to cover all work. (BB)

BUILDING PERMIT SIGNED AND RETURNED

FINAL INSPECTOR Brian Baker DATE OF APPROVAL 4/23/04

NUMBER	DIRECTION	DISTANCE
L11	N. 66°58'05" E.	20.34'
L12	N. 87°46'40" E.	50.99'
L13	N. 86°17'30" E.	58.61'
L14	N. 78°03'08" E.	38.37'
L15	S. 85°59'19" E.	46.18'
L16	N. 61°30'10" E.	49.62'
L17	N. 84°03'55" E.	46.37'
L18	N. 72°52'28" E.	24.63'
L19	S. 41°22'23" E.	33.87'
L20	S. 02°29'28" W.	75.24'
L21	S. 19°30'00" E.	55.90'
L22	S. 82°56'06" E.	10.80'

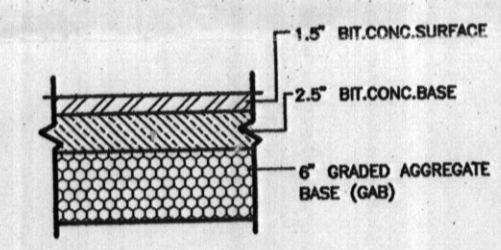


SEPTIC ELEVATIONS

PROPOSED HOUSE:
F.F. ELEV. = 602.1
BSMT. ELEV. = 593.1
GAR. ELEV. = 600.8
INV. OUT = 599.6 (HUNG SEWER)

PROPOSED SEPTIC TANK:
EX GRD. ELEV. = 603.0
PROP. GRD. ELEV. = 600.5
INV. IN = 599.5
INV. OUT = 599.2

PROPOSED DISTRIBUTION BOX:
EX GRD. ELEV. = 601.5
INV. IN = 599.0
INV. OUT = 598.7



PAVING SECTION (N.T.S.)

NOTES:

1. TOPOGRAPHY IS AERIAL FROM HOWARD COUNTY, MARYLAND.
2. ACTUAL LENGTH AND NUMBER OF TRENCHES FOR SEWERAGE ARE TO BE DETERMINED AT THE TIME OF SEPTIC SYSTEM PERMIT ISSUANCE.
3. PROPOSED HOUSE IS 5 BEDROOM.
4. LIMIT OF DISTURBANCE: (LOD) 24,656 Sq. Ft.
5. THE EXISTING WELL(S) SHOWN ON THIS PLAN HO 94-3386 HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC. PROFESSIONAL LAND SURVEYORS AND ACCURATELY SHOWN.

DATE	REVISIONS



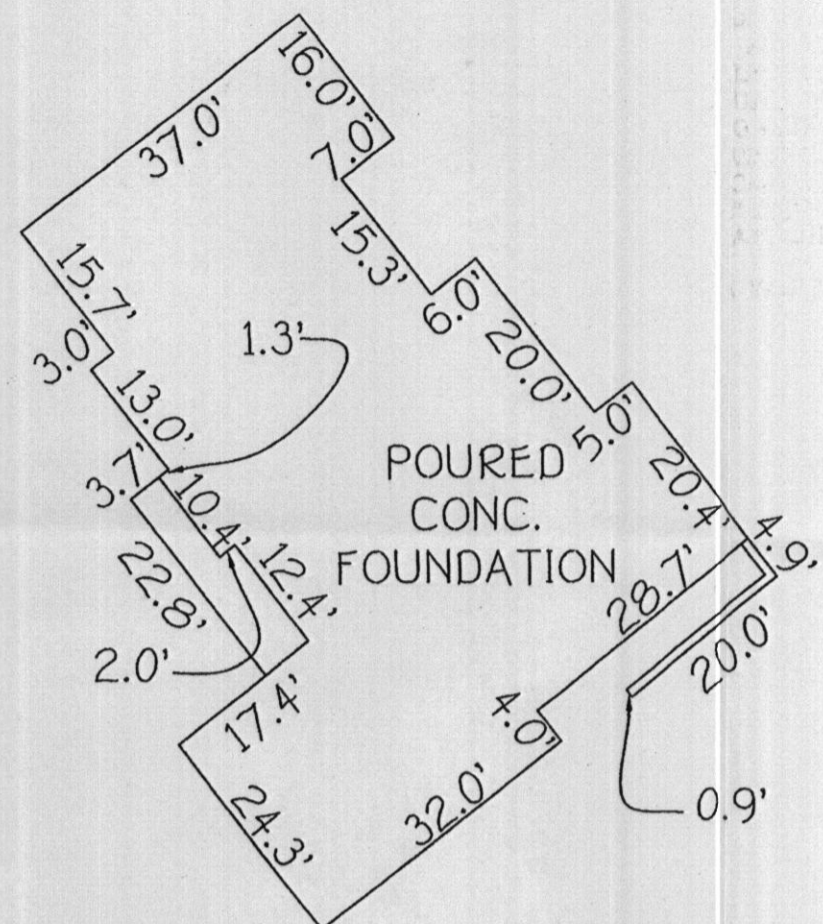
PLOT PLAN
PARCEL THREE
QUARTZ HILL, LLC.

LIBER 6326 FOLIO 397
SITUATED ON WEST SIDE OF HOODS MILL RD. -MD. RTE. 97
ELECTION DISTRICT No. 4
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DECEMBER, 2003

VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street P.O. Box 328 Mount Airy, Maryland 21771
(301) 629 2890 (301) 631 5015 (410) 549 2751

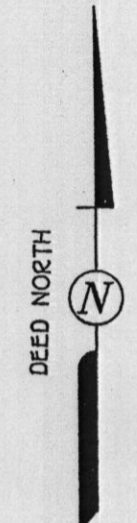
GENERAL NOTES:

- 1) THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE COMPLETED TRANSFER, FINANCING OR REFINANCING OF THE PROPERTY SHOWN HEREON. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS LOCATION DRAWING IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS LOCATION DRAWING DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING FOR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 240044000000 EFFECTIVE DEC. 4, 1996.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS 1' (+/-)
- 4) NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.
- 5) TOP OF FOUNDATION ELEVATION = 605.2'

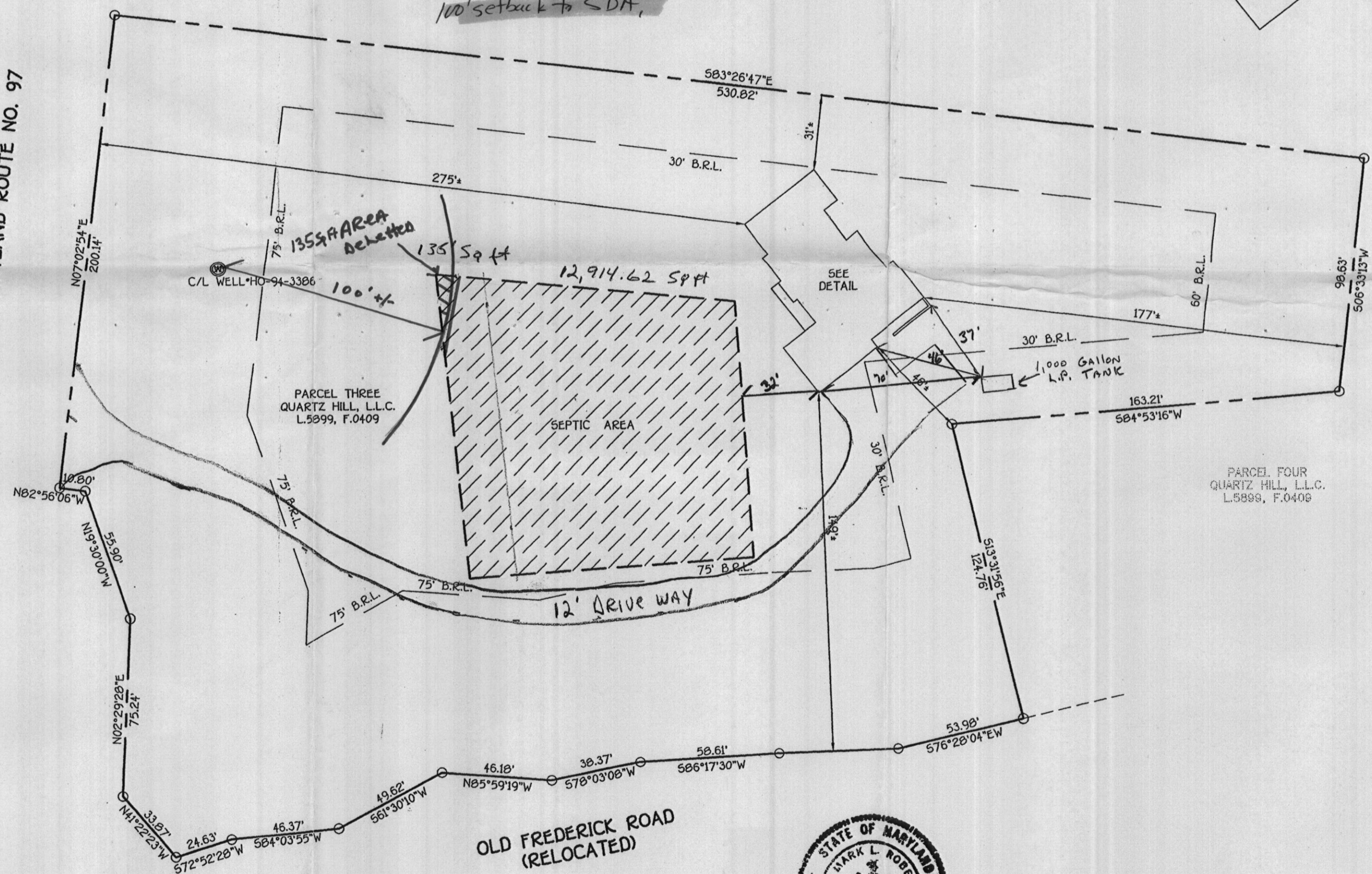


DETAIL
SCALE: 1'=20'

4/12/04 JB
wall check O.K.
House was priced w/ no bsmt
service. Area deleted to show
100' setback to SDA.



HOODS MILL ROAD - MARYLAND ROUTE NO. 97



FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461 - 2895



Mark L. Robel 3/31/04
PROFESSIONAL LAND SURVEYOR DATE
REG. # 339

FOUNDATION LOCATION: 3/26/04
FINAL LOCATION: _____
BOUNDARY SURVEY: _____
SCALE: 1"=40'
DATE: 3/31/04
DRAWN BY: D.B.
CHECKED BY: M.L.R.
PROJECT No.: 04042-6001

HOUSE LOCATION DRAWING
PARCEL THREE
QUARTZ HILL, L.L.C.
LIBER 6326 FOLIO 397
SITUATED ON WEST SIDE OF HOODS MILL RD. - MD. RTE. 97
ELECTION DISTRICT No. FOUR
HOWARD COUNTY, MARYLAND
SCALE 1"=40' MARCH 31, 2004