

LAYOUT 12/27/07 INSP 4 _____
INSP 2 12/27/07 INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 12/11/07

APPROVAL DATE: 12/28/07

PERMIT

P 527946

A 523999

TAX ID # 04329244

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

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ALTER

ADDRESS: 580 Obrecht Road PHONE NUMBER: 410-795-5670

SUBDIVISION: Hoover Property LOT NUMBER: _____

ADDRESS: 16425 Camalo Drive PROPERTY OWNER: Ronald Hoover

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

PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 3

SQUARE FEET PER BEDROOM: _____

LINEAR FEET OF TRENCH REQUIRED: 156

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0feet of stone below distribution pipe.
LOCATION:	
NOTES:	Layout inspection required prior to installation. Install system as noted unless otherwise directed by HCHD.

PLANS APPROVED: Heidi Scott DATE: 10/29/07

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 UNLESS SPECIFICALLY AUTHORIZED

**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**

NOT TO SCALE

* See separate
As-Built

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	5'
NUMBER OF TRENCHES		2
TOTAL LENGTH		165'
ABSORPTION AREA		495'±sw
DISTRIBUTION BOX LEVEL		handless
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1-2'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	F/R
6" PORT LOC	none
WATERTIGHT TEST	—
SEPTIC TANK 2 LEVEL	N/A
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

Babylon
2-comp.
slotted

ROAD

PRE-CONSTRUCTION 12/27/07 set tanks as per building permit plan.

Install 2x 48' trenches on contour @ top-most part of

INSTALLATION easement. Stone tickets need to be present @ time of

final (Kw), 12/28/07 contractor installed trenches

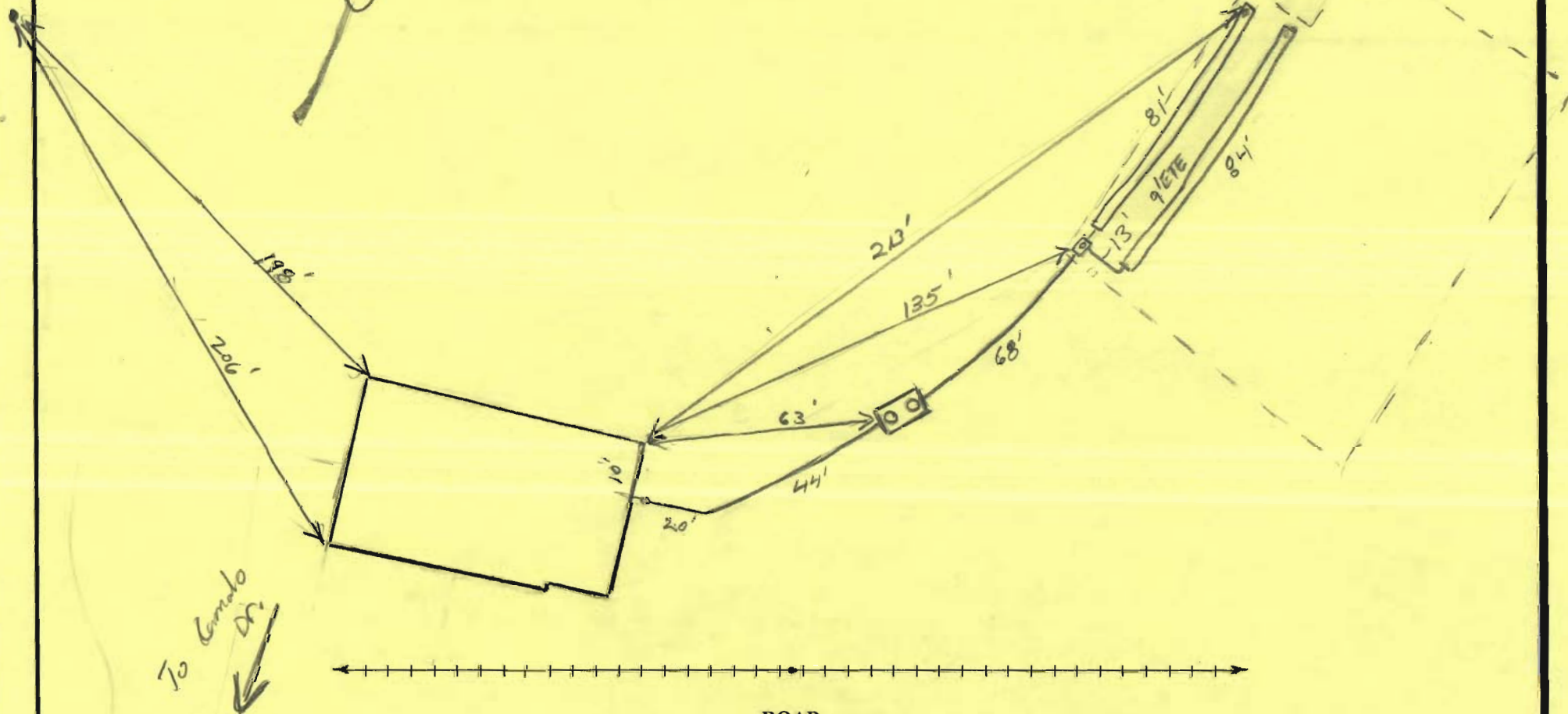
as instructed. Large amounts of aggregate netted in

trenches. One from house to s.v. stored. OK to backfill (Kw)

FINAL INSPECTOR J. Kay

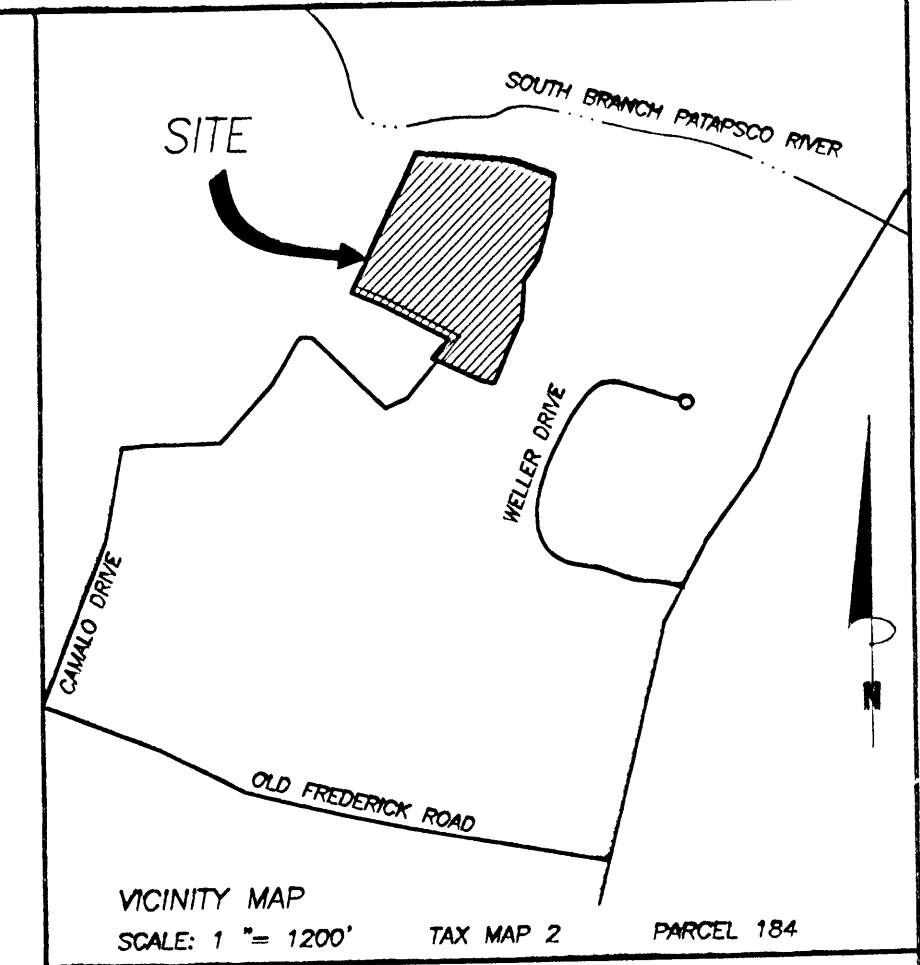
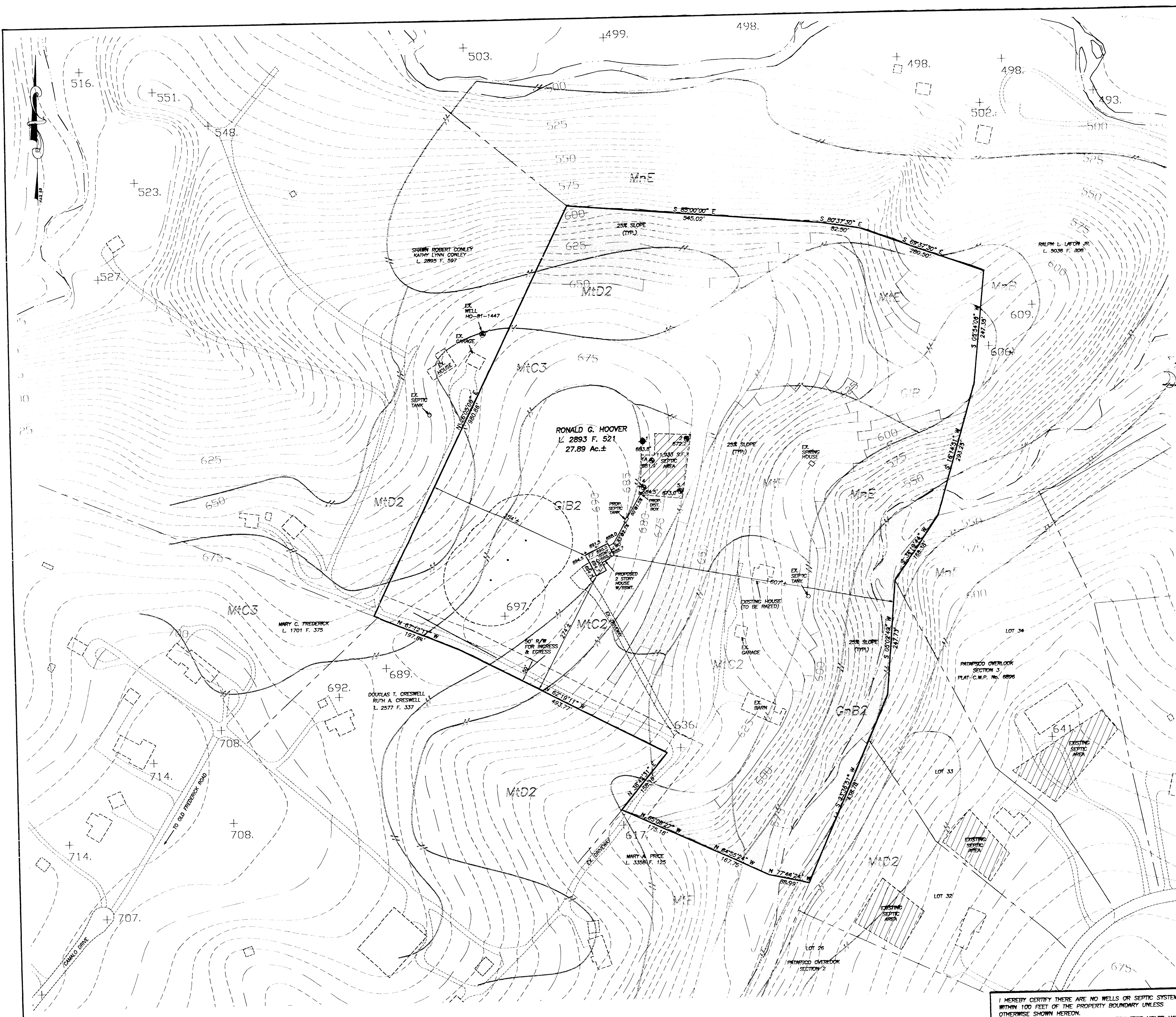
DATE OF APPROVAL 12/28/07

NOT TO SCALE



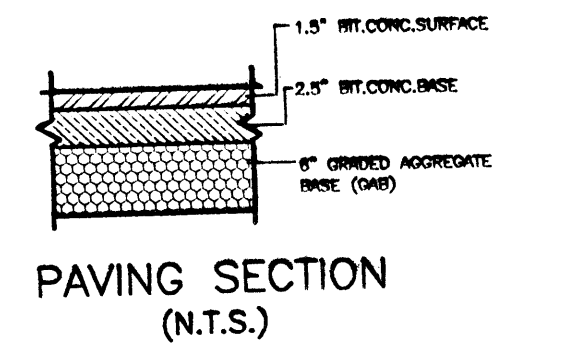
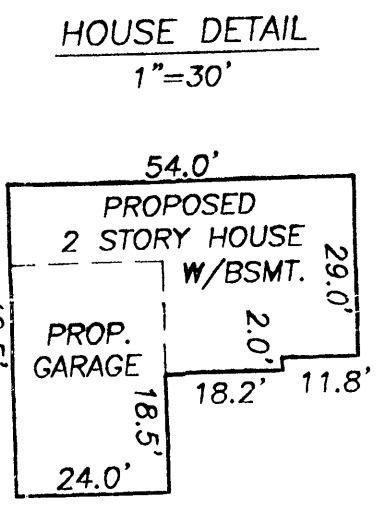
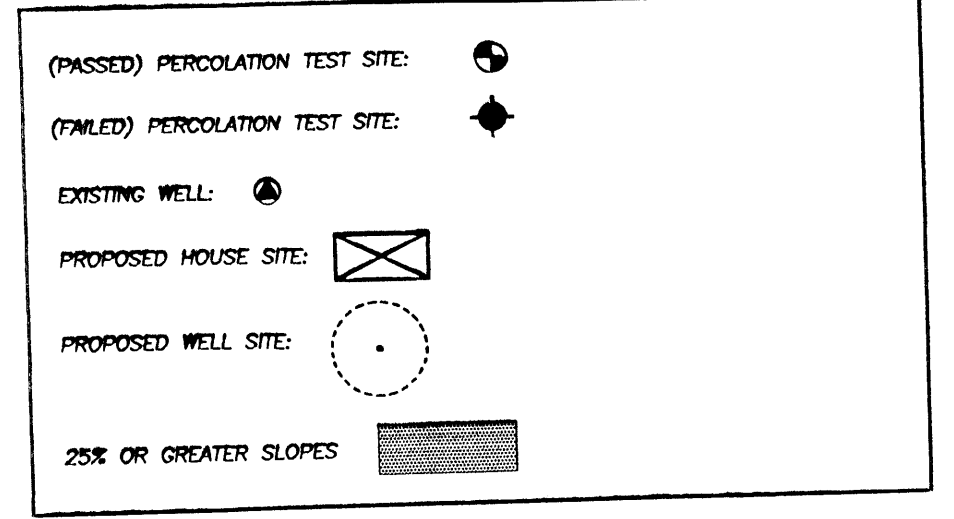
To Comodo Dr.
↙

ROAD



- GENERAL NOTES:
- OWNER: RONALD G. HOOVER
DEED REFERENCE: LIBER 2893 FOLIO 521
DATE: MAY 7, 1993
GRANTOR: DONALD G. HOOVER
VIA L. HOOVER
 - TAX MAP: 2 GRD: 17 PARCEL: 184
 - NEAREST POTABLE WATER SUPPLY: MT. AIRY
DISTANCE: 1.5 MILES ±
 - THERE IS NO FLOOD HAZARD (100 YEAR FLOOD PLAIN) LOCATED ON THIS PROPERTY ACCORDING TO FEMA FLOOD INSURANCE RATE MAP, COMMUNITY PANEL # 240044 0006 B, REVISED DECEMBER 4, 1986
 - TOPOGRAPHY: HOWARD COUNTY DATUM
CONTOUR INTERVALS ARE AT 5 FEET.
 - THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.
 - THE EXISTING WELL(S) SHOWN ON THIS PLAN NO. 81-1447 HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC. PROFESSIONAL LAND SURVEYORS AND ACCURATELY SHOWN.
 - SOIL TYPE: (GR, GB2, MC2, MD2, MNE, MNE) HOWARD COUNTY SOILS MAP No. 5.
 - ZONING DISTRICT: RODED
 - ALL WELLS TO BE DRILLED PRIOR TO SUBMITTAL OF SIGNATURE. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO THE FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
 - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
 - DEPICTED TOPOGRAPHY REFLECTS FIELD-MATCHED INFORMATION VERIFIED BY VANMAR ASSOC., INC. MARCH, 2006
 - THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL LOTS OF 2.0 ACRES OR MORE. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS. REORDINATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY. EXISTING HOUSE TO BE DISCONNECTED FROM EX. WATER (SPRING HOUSE) AND EXISTING SEPTIC SYSTEM TO BE ABANDONED.

Approved Septic System Plan
 Howard County Health Department
 Signature: [Signature] Date: 4/12/06

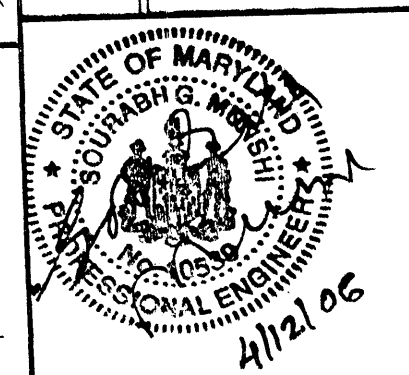


DATE	REVISIONS
4/12/06	EX. HSE. NOTE

I HEREBY CERTIFY THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.
 I FURTHER CERTIFY THAT THE PERCOLATION TEST SITES HAVE BEEN FIELD LOCATED IF EXISTING AND ACCURATELY MARKED IF PROPOSED AND SHOWN HEREON.

APPROVED:
 FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT

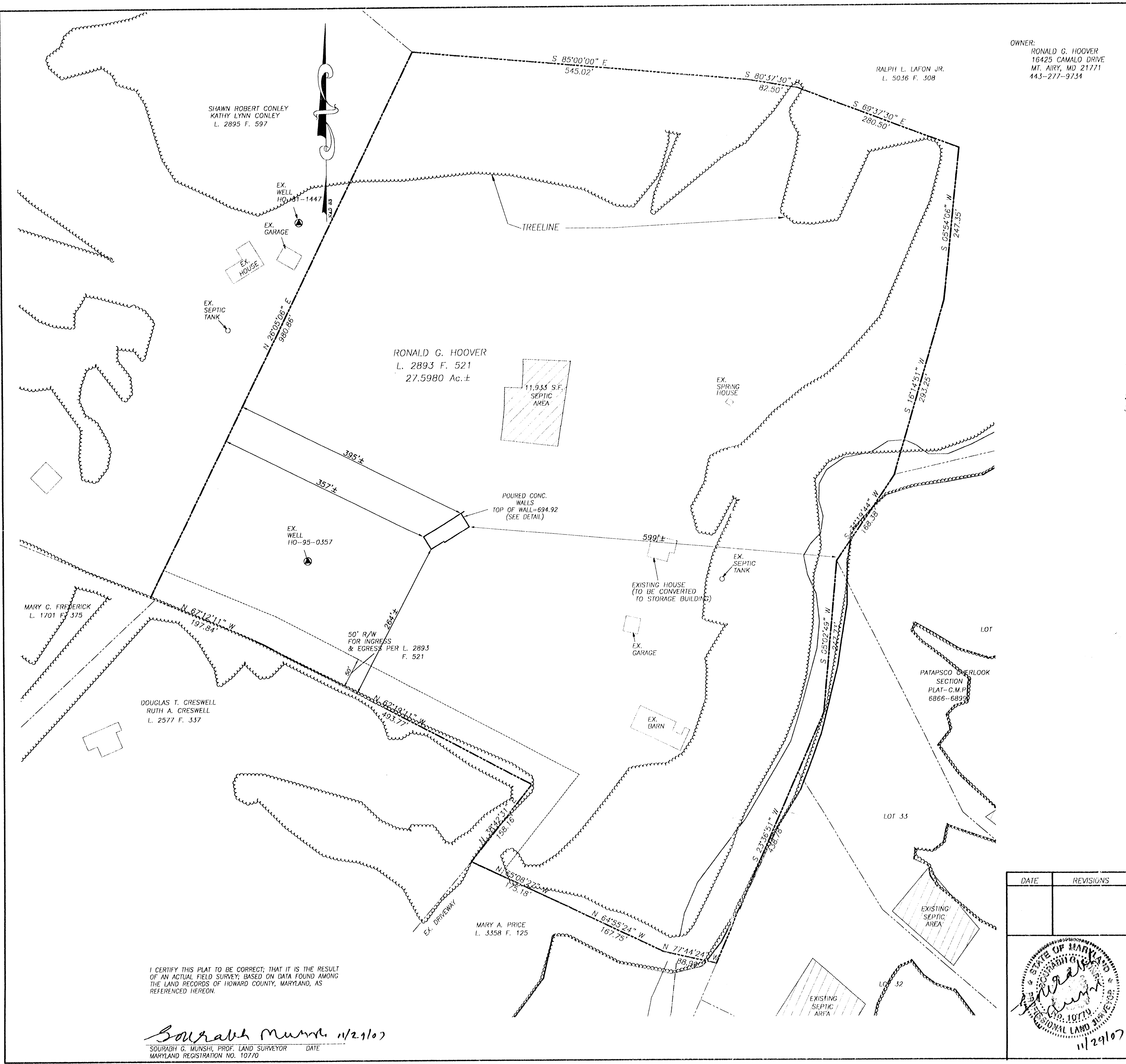
Signature: [Signature] DATE: 4/12/06



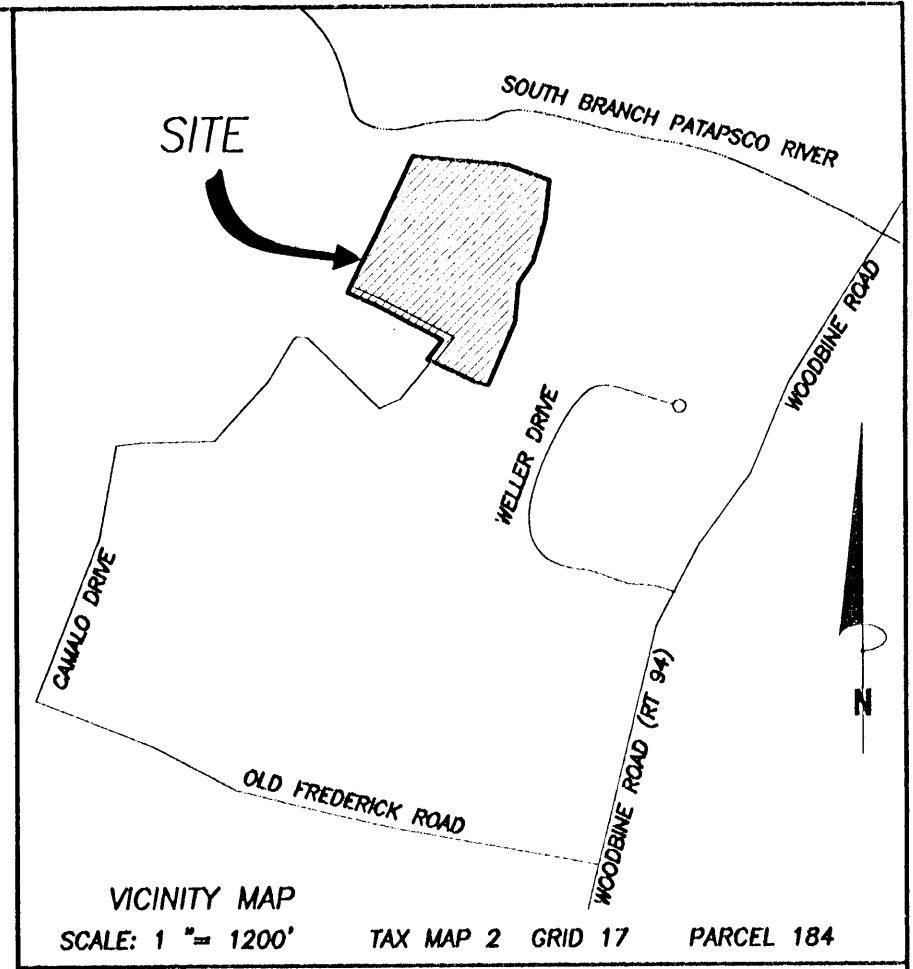
PERCOLATION CERTIFICATION PLAN
HOOVER PROPERTY

LIBER 2893 FOLIO 521
 SITUATED ON FLORENCE ROAD
 ELECTION DISTRICT No. 4
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 100' MARCH, 2006

VANMAR ASSOCIATES, INC.
 Engineers Surveyors Planners
 210 South Main Street P.O. Box 228 Mount Airy, Maryland 21771
 (301) 528-2860 (301)851-9015 (410) 548-2751

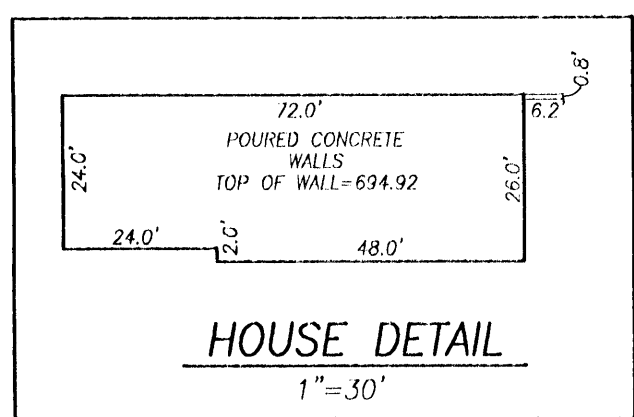


OWNER:
 RONALD G. HOOVER
 16425 CAMALO DRIVE
 MT. AIRY, MD 21771
 443-277-9734



- NOTES:**
1. THE EXISTING WELL SHOWN ON THIS PLAN HO-81-1447 HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC. PROFESSIONAL LAND SURVEYORS AND ACCURATELY SHOWN.
 2. TOP OF WALL = 694.92
 3. FOOTINGS AND FOUNDATION ARE IN PLACE AS SHOWN.

12/10/2007
 Wall check ok.
 Foundation footprint changed and moved several feet downhill. may not gravity anymore.



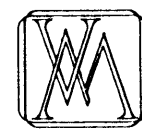
RECORDED AS PLAT 17474 ON JUNE 18 1993
 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

DATE	REVISIONS

**WALL CHECK DRAWING
 HOOVER PROPERTY**

LIBER 2893 FOLIO 521

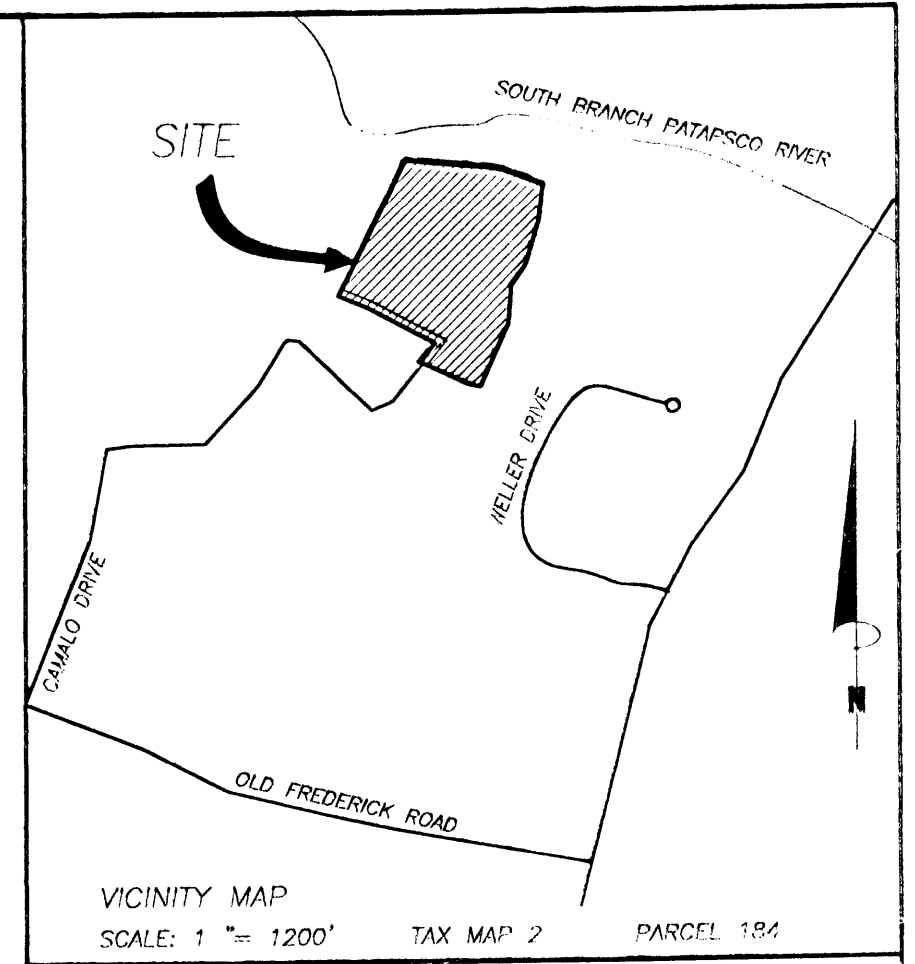
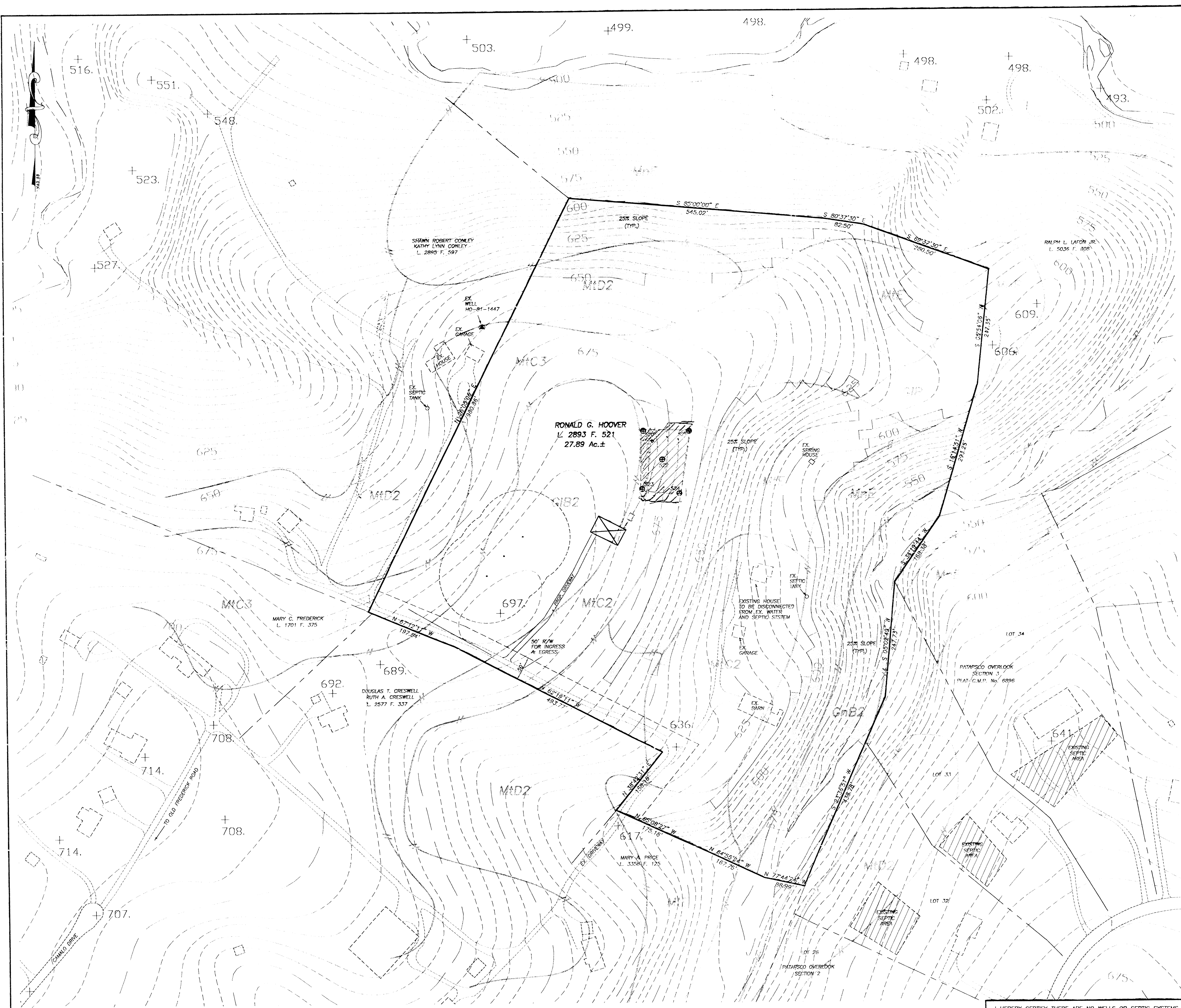
16425 CAMALO DRIVE
 ELECTION DISTRICT No. 4
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 100' NOVEMBER, 2007



VANMAR ASSOCIATES, INC.
 Engineers Surveyors Planners
 310 South Main Street P.O. box 528 Mount Airy, Maryland 21771
 (301) 829 2890 (301) 851 5015 (410) 549 2751

I CERTIFY THIS PLAT TO BE CORRECT; THAT IT IS THE RESULT OF AN ACTUAL FIELD SURVEY; BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.

Sourabh Munn 11/29/07
 SOURABH G. MUNSHI, PROF. LAND SURVEYOR DATE
 MARYLAND REGISTRATION NO. 10770



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VVA L. HOOVER
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CONTOUR INTERVALS ARE AT 5 FEET.
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 - THE EXISTING WELL(S) SHOWN ON THIS PLAN HO-81-1447 HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC. PROFESSIONAL LAND SURVEYORS AND ACCURATELY SHOWN.
 - SOIL TYPE: (G1B, G1B2, G1B2, M1C2, M1D2, M1E) HOWARD COUNTY SOILS MAP No. 5.
 - ZONING DISTRICT: R1CDE0
 - ALL WELLS TO BE DRILLED PRIOR TO SUBMITTAL OF SIGNATURE. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO THE FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT. IF A WELL SUCCESS RATE IS ACCOMPLISHED AT VARIOUS LOCATIONS WITHIN THE SITE, THE DEVELOPER WILL HAVE THE OPTION TO REQUEST REPEAT FROM DRILLING THE REMAINING WELLS PRIOR TO PLAT RECORDATION.
 - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.

THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPARTMENT OF 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 PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS.

RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

PROPOSED PERCOLATION TEST SITE: ⊕

(PASS'D) PERCOLATION TEST SITE: ⊙

(FAIL'D) PERCOLATION TEST SITE: ⊛

EXISTING WELL: ⊕

PROPOSED HOUSE SITE: ⊠

PROPOSED WELL SITE: ⊙

25% OR GREATER SLOPES: [Hatched Box]

APPROVED:
FOR PRIVATE WATER AND PRIVATE
SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER _____ DATE _____

OWNER:
RONALD G. HOOVER
15360 NEWPORT ROAD
MT. AIRY, MD. 21771

I HEREBY CERTIFY THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.

I FURTHER CERTIFY THAT THE PERCOLATION TEST HOLES HAVE BEEN FIELD LOCATED IF EXISTING AND ACCURATELY STAKED IF PROPOSED AND SHOWN HEREON.

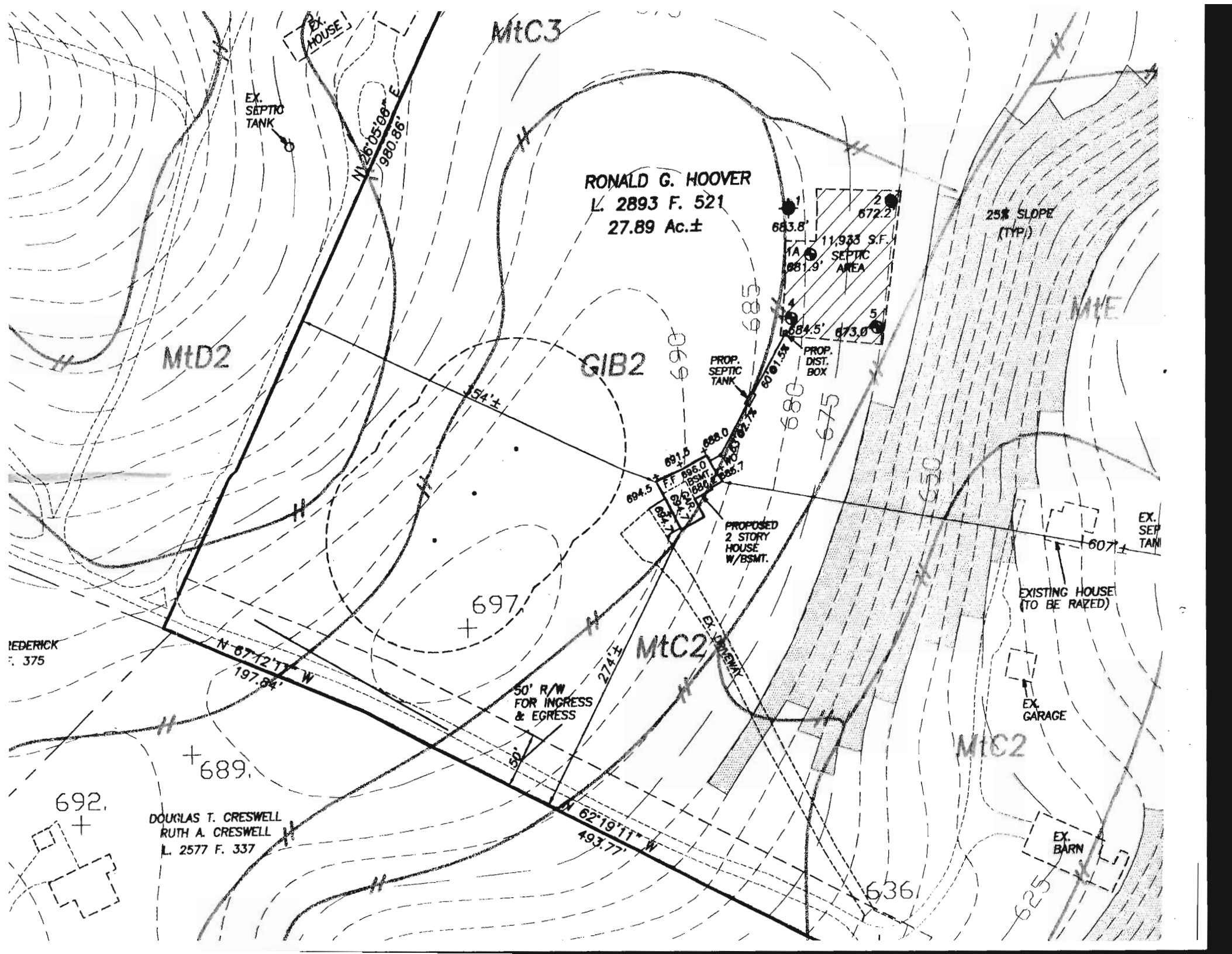
Sourabh Munshi 1/30/06
SOURABH G. MUNSHI, PROF. L. S., MD. REG. # 10770 DATE

DATE	REVISIONS

PERCOLATION TEST PLAN
HOOVER PROPERTY

LIBER 2893 FOLIO 521
SITUATED ON FLORENCE ROAD
ELECTION DISTRICT No. 4
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' JANUARY, 2006

VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street P.O. Box 328 Mount Airy, Maryland 21771
(301) 829 2880 (301) 851 5015 (410) 549 2751



MtC3

RONALD G. HOOVER
L. 2893 F. 521
27.89 Ac.±

MtD2

GIB2

MtE

MtC2

MtC2

EX. SEPTIC TANK

EX. HOUSE

25% SLOPE (TYP)

11,933 S.F. SEPTIC AREA

PROP. SEPTIC TANK

PROP. DIST. BOX

PROPOSED 2 STORY HOUSE W/BSMT.

EXISTING HOUSE (TO BE RAZED)

EX. GARAGE

EX. BARN

EX. SEPT TANK

DOUGLAS T. CRESWELL
RUTH A. CRESWELL
L. 2577 F. 337

FREDERICK
F. 375

692.

689.

697.

636

625

N 87°12'17" W
197.84'

N 26°05'08" E
980.86'

N 62°19'11" W
493.77'

354'±

274'±

690

685

680

675

650

655

660

683.8'

672.2'

881.9'

884.5'

681.5'

680.0'

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