

LAYOUT _____ INSP 4 _____
 INSP 2 _____ INSP 5 _____
 INSP 3 _____ INSP 6 _____

ISSUE DATE: 6/23/06

APPROVAL DATE: 9/18/06

P 5 25127

A 518578

PERMIT

INDEXED

TAX ID #03-344576

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

Farm & Home Excavating, Inc IS PERMITTED TO INSTALL ALTER

ADDRESS: 901 Driver Road, Marriottsville PHONE NUMBER: 410-442-2139

SUBDIVISION: Crosby Property LOT NUMBER: 1

ADDRESS: 815 Driver Road Christian Crosby

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

PUMP CHAMBER CAPACITY (GALLONS): 1250 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 149 HOUSE SERVED BY PUBLIC WATER

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 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Keep distribution box at the highest elevation in the approved SDA.
	Basement not serviced by gravity.

PLANS APPROVED: Sara Fegel Reviewed by: (Signature) DATE: 1/5/06

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 ALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM

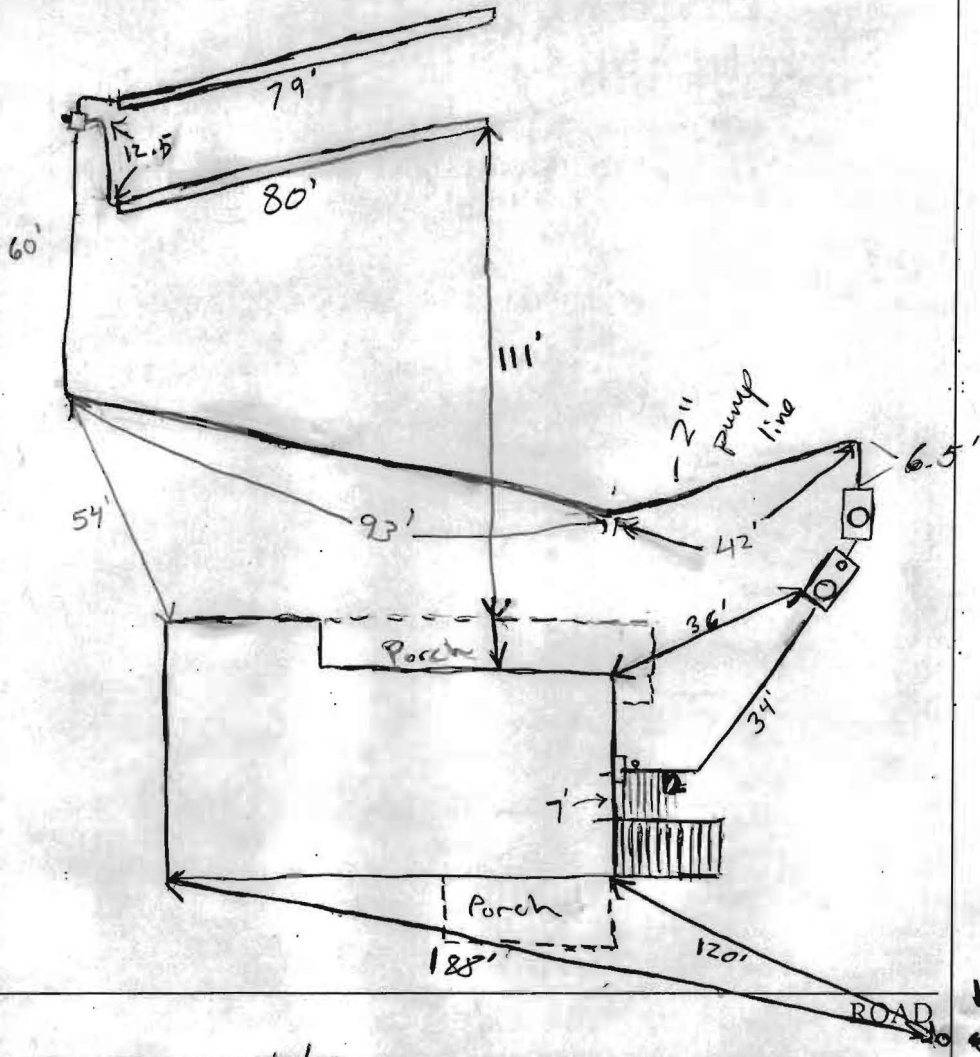
BUILDING PERMIT SIGNED AND RETURNED

8/11/06 B06002567 1000g.4G LP TANK

A518578

NOT TO SCALE

FAIR 2



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	5'
NUMBER OF TRENCHES		2
TOTAL LENGTH		160
ABSORPTION AREA		480+sq
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		no
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA		
SEPTIC TANK 1 LEVEL	Yes	
CAPACITY	1500	GAL
SEAM LOC	Top	
TANK LID DEPTH	1 1/2 - 2'	
BAFFLES	Yes 4	
BAFFLE FILTER	N/A	
MANHOLE LOC	Inlet	
6" PORT LOC	Outlet	
WATERTIGHT TEST	N/A	
SEPTIC TANK 2 LEVEL	Yes	
CAPACITY	1250	GAL
SEAM LOC	Top	
TANK LID DEPTH	3'	
BAFFLES	Inlet	
BAFFLE FILTER	No	
MANHOLE LOC	MID	
6" PORT LOC	N/A	
WATERTIGHT TEST	N/A	

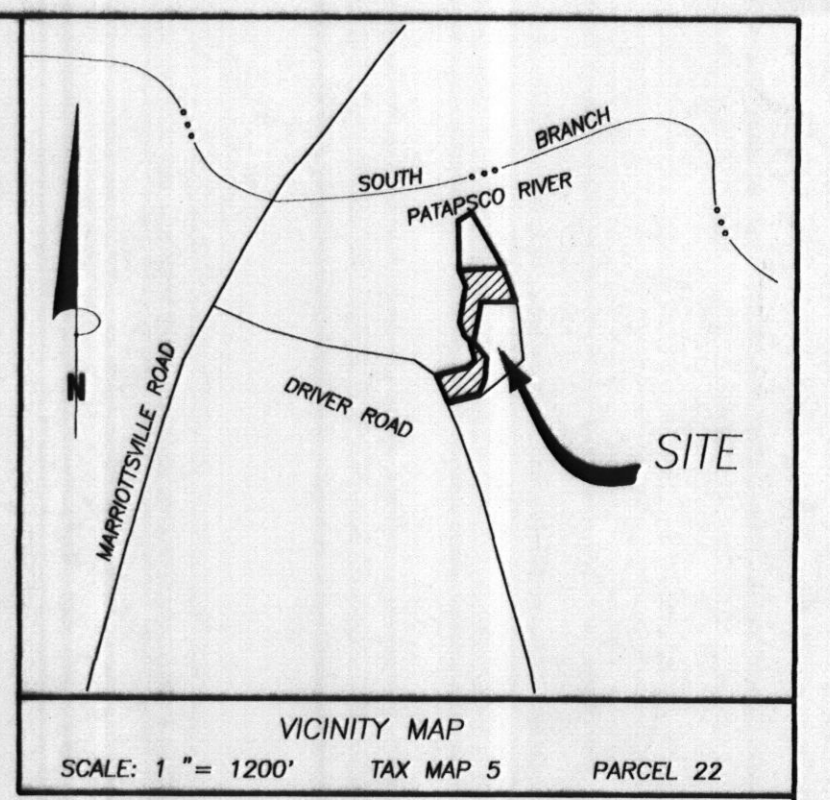
PRE-CONSTRUCTION 7/18/06 Install 2 x 75' trenches from D-box per plan
 Contour accurate, OK for 1st trench to extend ~ 6' out of SDA. (GAC)

INSTALLATION 7/19/06 System installed and OK for cover. GAC
 Need pump and alarm tests. (GAC) 9/18/06 Pump test OK.
 Panel box on separate breaker. Alarm test good. OK
 for cover work. (KW)

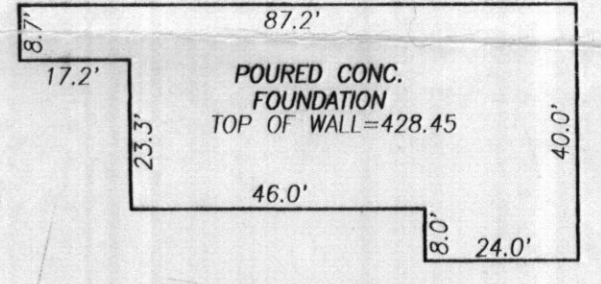
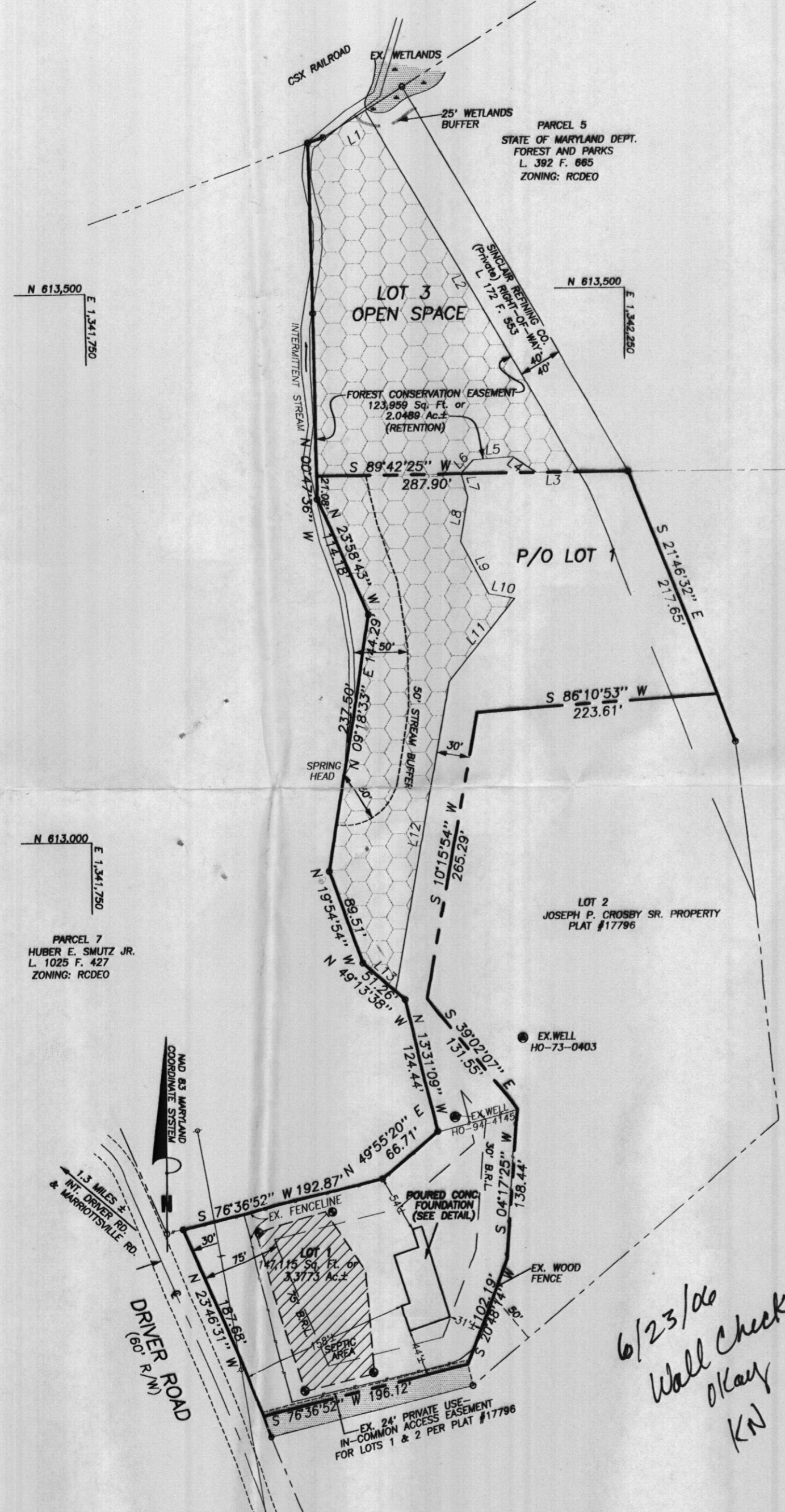
BUILDING PERMIT SIGNED
 AND RETURNED

FINAL INSPECTOR [Signature] DATE OF APPROVAL 9/18/06

OWNER
 CHRISTIAN BURKE CROSBY
 815 DRIVER ROAD
 MARRIOTTVILLE, MARYLAND 21104

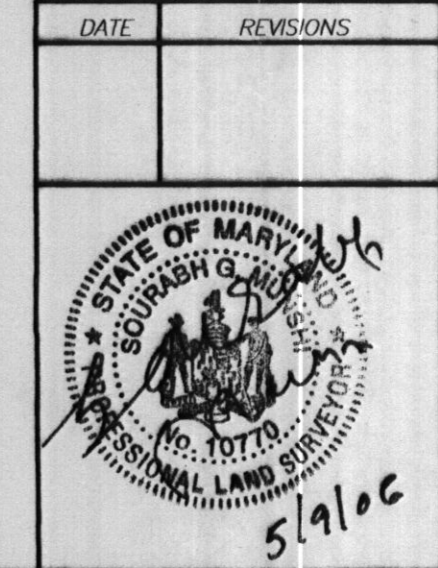


- GENERAL NOTES:
1. THE EXISTING WELL(S) SHOWN ON THIS PLAN HO-73-0403, HO-(NO TAG) HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC. PROFESSIONAL LAND SURVEYORS AND ACCURATELY SHOWN.
 2. FOOTINGS AND FOUNDATION ARE IN PLACE AS SHOWN.
 3. TOP OF WALL = 428.45



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

Saurabh Munshi 5/9/06
 SOURABH G. MUNSHI, PROF. LAND SURVEYOR DATE
 MARYLAND REGISTRATION NO. 10770



DATE	REVISIONS

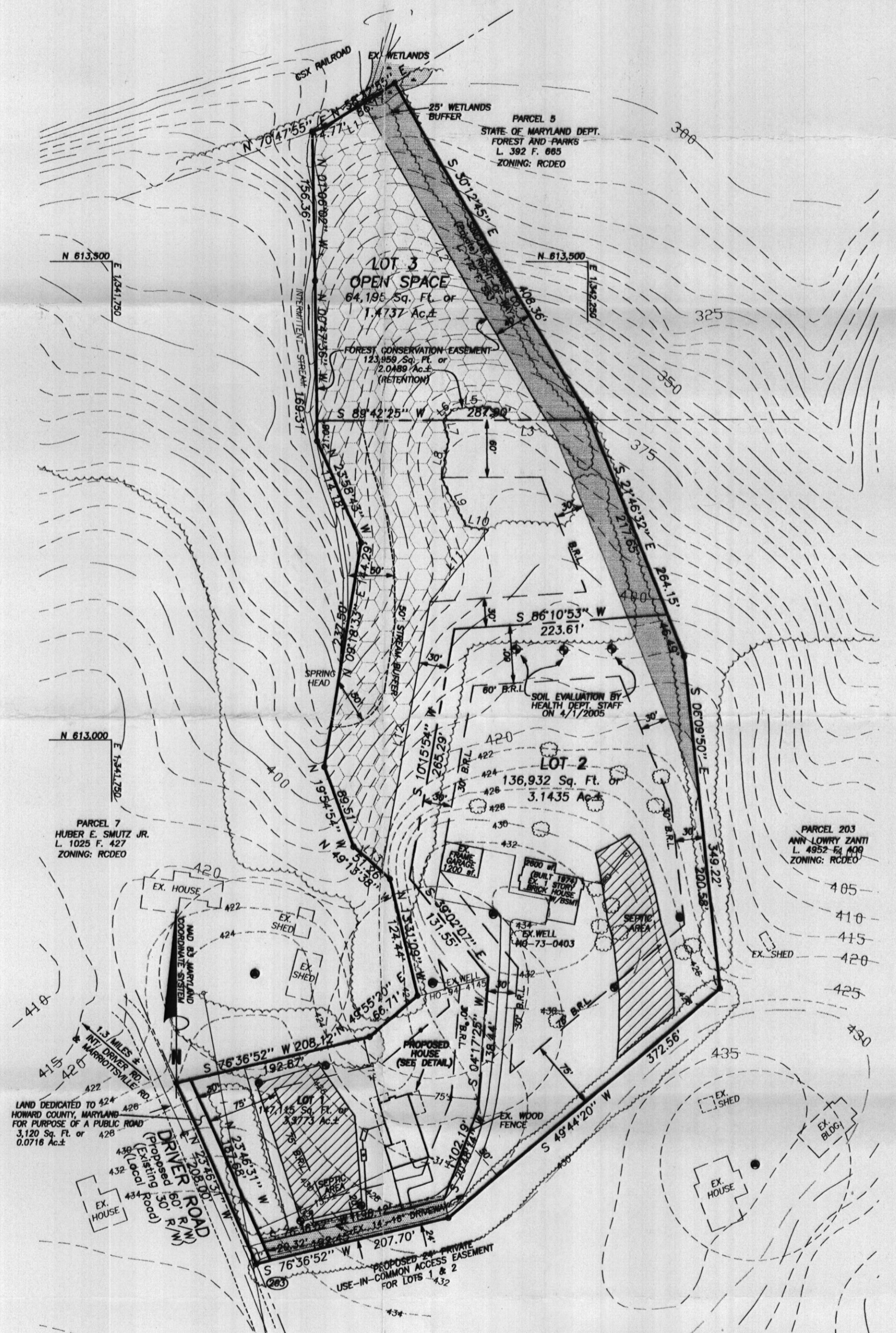
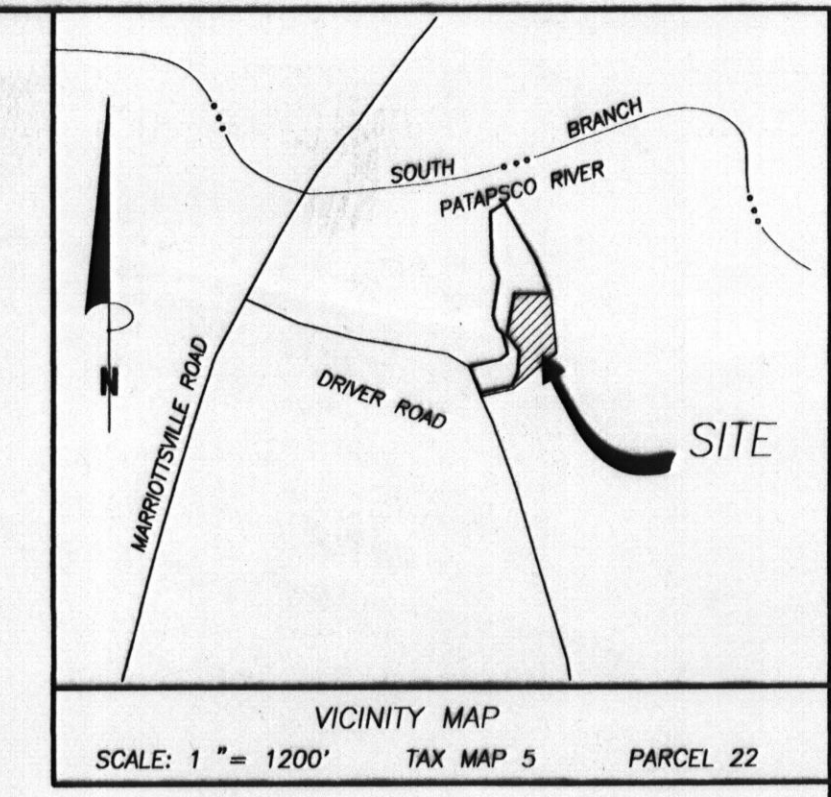
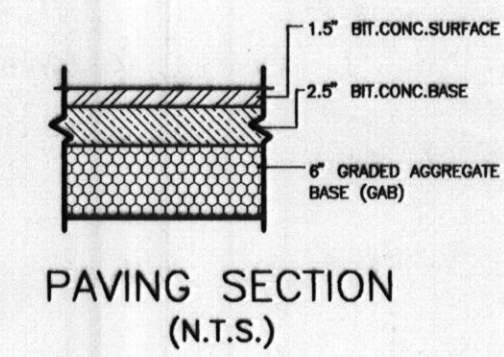
WALL CHECK DRAWING
 LOT 1
 JOSEPH P. CROSBY SR. PROPERTY
 PLAT #17796
 #815 DRIVER ROAD
 MARRIOTTVILLE, MD. 21104
 ELECTION DISTRICT No. 3
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 100' NOVEMBER, 2005

VANMAR ASSOCIATES, INC.
 Engineers Surveyors Planners
 310 South Main Street P.O. box 328 Mount Airy, Maryland 21771
 (301) 829 2890 (301)831 5015 (410) 549 2751

File name: I:\EP\JOBS\A3-4730\WALLCHK
 Plot Date: 5/11/06

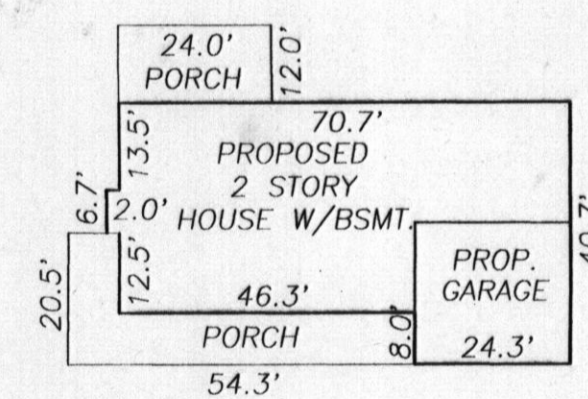
ROOFTOP DISCONNECTION CREDIT

DOWN SPOUT	DISCONNECTION LENGTH	REQUIRED LENGTH	SWM ADDRESSED
1	75'	75'	YES
2	75'	75'	YES
3	75'	75'	YES
4	75'	75'	YES
5	75'	75'	YES
6	75'	75'	YES



**GRADING, S.W.M. & SEDIMENT CONTROL PLAN
DETAIL
1" = 30'**

- GENERAL NOTES:**
- OWNER: JOSEPH P. CROSBY
DEED REFERENCE: LIBER 654 FOLIO 413
DATE: SEPTEMBER 14, 1973
GRANTOR: EDWARD W. TYNING
 - TAX MAP: 5 GRID: 22 PARCEL: 22
 - NEAREST POTABLE WATER SUPPLY: SYKESVILLE
DISTANCE: 3.5 MILES ±
 - THERE IS NO FLOOD HAZARD (100 YEAR FLOOD PLAIN) LOCATED ON THIS PROPERTY ACCORDING TO FEMA FLOOD INSURANCE RATE MAP, COMMUNITY PANEL # 240044 0005 B, REVISED DECEMBER 4, 1988 & # 240044 0010 B, REVISED DECEMBER 4, 1989
 - TOPOGRAPHY: HOWARD COUNTY DATUM
CONTOUR INTERVALS ARE AT 5 FEET.
TOPOGRAPHY (PROPOSED SEPTIC AREAS AND HOUSE SITE) FIELD RUN BY VANMAR ASSOC., SEPTEMBER 2003
CONTOUR INTERVALS ARE AT 2 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 HO-73-0403, HO-(NO TAG) HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC. PROFESSIONAL LAND SURVEYORS AND ACCURATELY SHOWN.
 - ZONING DISTRICT: RODEO
 - THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPARTMENT OF ENVIRONMENTAL 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. RECOGNITION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
 - ACTUAL LENGTH AND NUMBER OF TRENCHES FOR SEWERAGE ARE TO DETERMINED AT THE TIME OF SEPTIC SYSTEM PERMIT ISSUANCE.
 - PROPOSED HOUSE IS FOUR (4) BEDROOMS.
 - LIMIT OF DISTURBANCE: (L.O.D.) 19,514 SQ. FT.



**HOUSE DETAIL
1" = 30'**

SEPTIC ELEVATIONS

- PROPOSED HOUSE:**
F.F. ELEV. = 429.7
BSMT. ELEV. = 420.57
GAR. ELEV. = 426.3
INV. OUT = 424.4 (HUNG SEWER)
- PROPOSED SEPTIC TANK (1,250 gal.)**
EX GRD. ELEV. = 426.0
PROP. GRD. ELEV. = 426.0
INV. IN = 424.0
INV. OUT = 423.7
- PROPOSED SEPTIC TANK W/MANHOLE AND PUMP (1,250 gal.)**
EX GRD. ELEV. = 427.0
PROP. GRD. ELEV. = 427.0
INV. IN = 423.4
- PROPOSED DISTRIBUTION BOX:**
EX GRD. ELEV. = 432.0
INV. IN = 429.5
INV. OUT = 429.2

DATE	REVISIONS	PLOT PLAN LOT 1 JOSEPH P. CROSBY SR. PROPERTY LIBER 654 FOLIO 413 #835 DRIVER ROAD MARRIOTTVILLE, MD. 21104 ELECTION DISTRICT No. 3 HOWARD COUNTY, MARYLAND SCALE: 1" = 100' NOVEMBER, 2005
12/29/05 1/5/06	Basement Elev. AS PER COMMENTS	

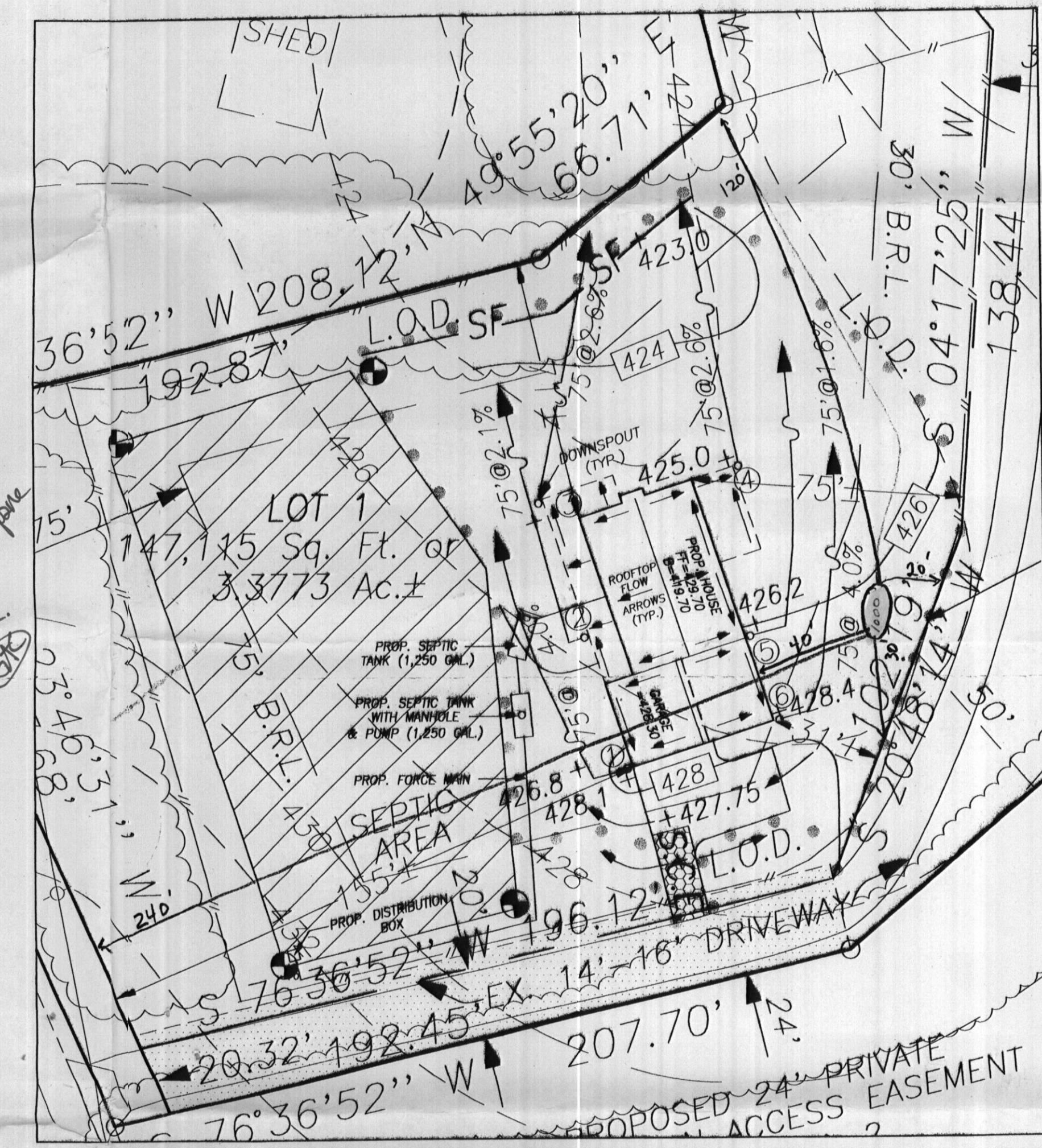
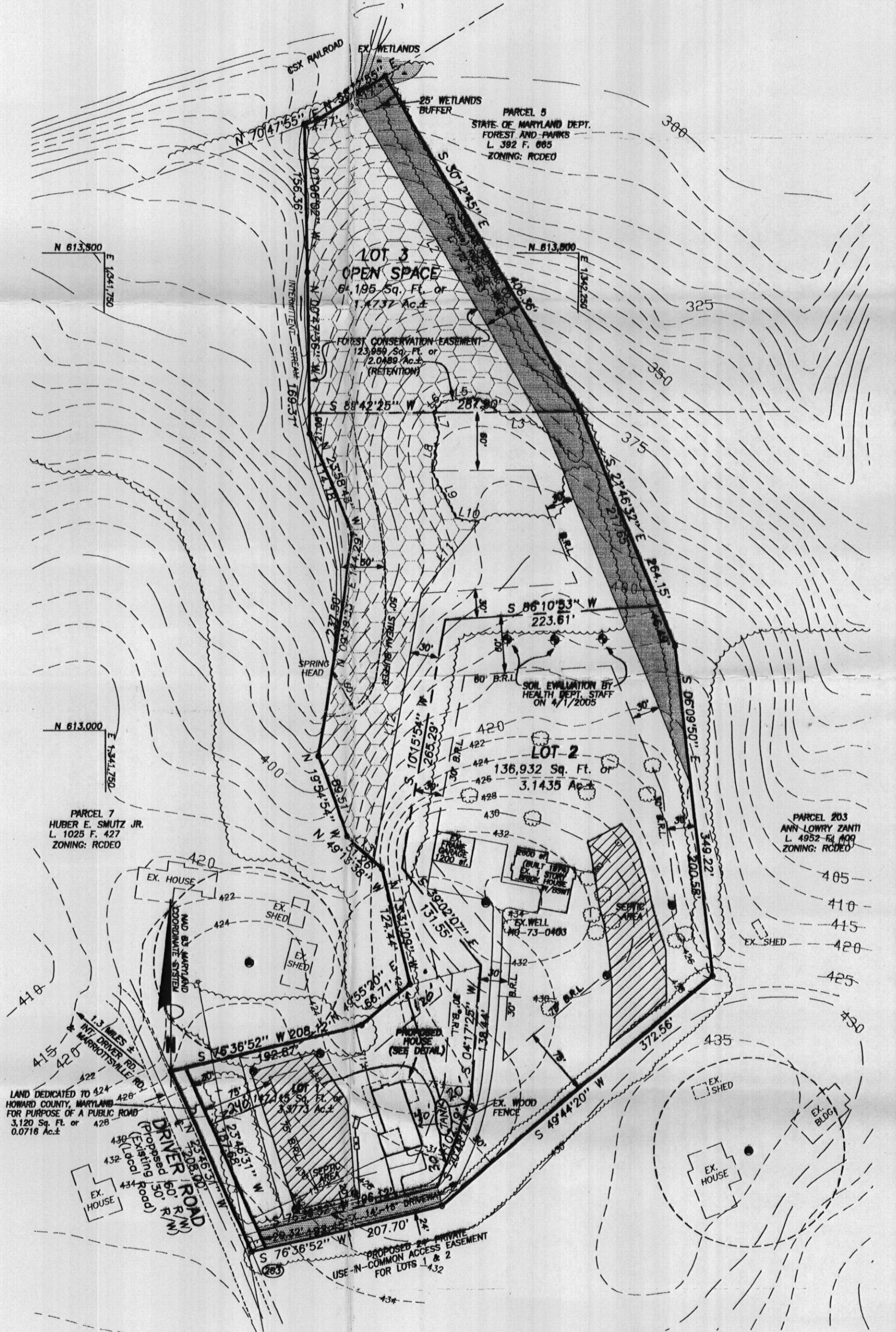
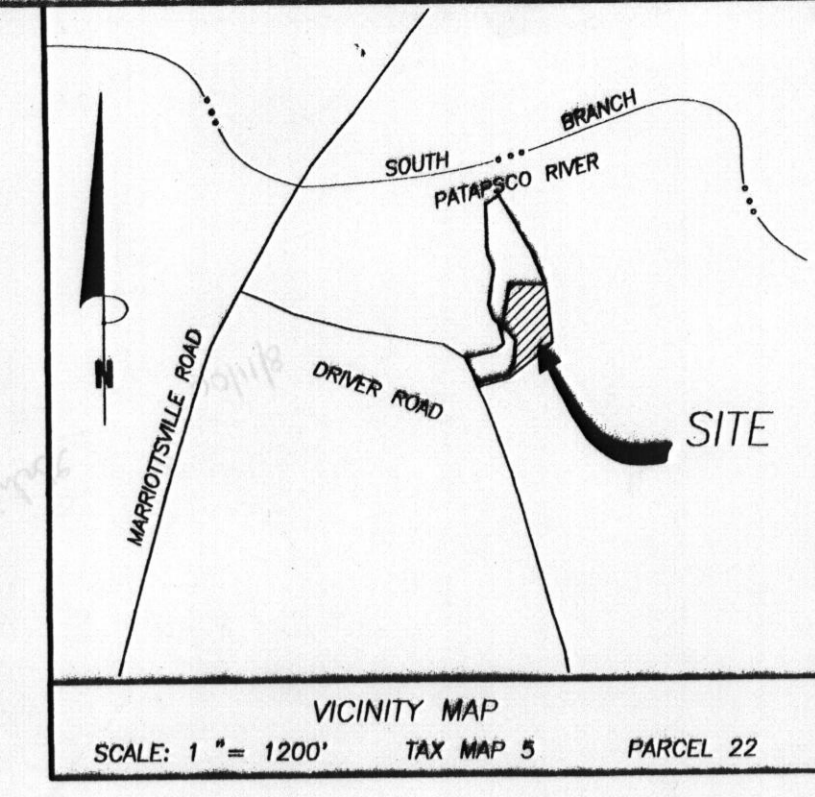
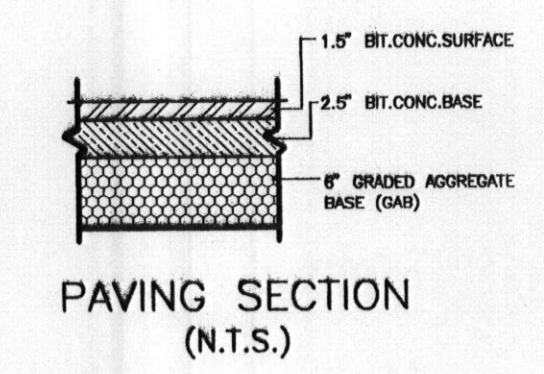
1/06/06

VANMAR ASSOCIATES, INC.
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310 South Main Street P.O. Box 328 Mount Airy, Maryland 21771
(301) 829-2890 (301) 851-3015 (410) 548-2751

OWNER
JOSEPH P. CROSBY SR.
835 DRIVER ROAD
MARRIOTTVILLE, MARYLAND 21104
Ph. 717-577-5731

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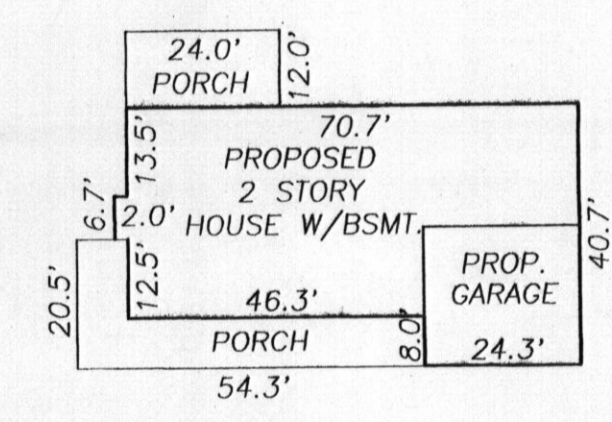


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SEPTIC ELEVATIONS

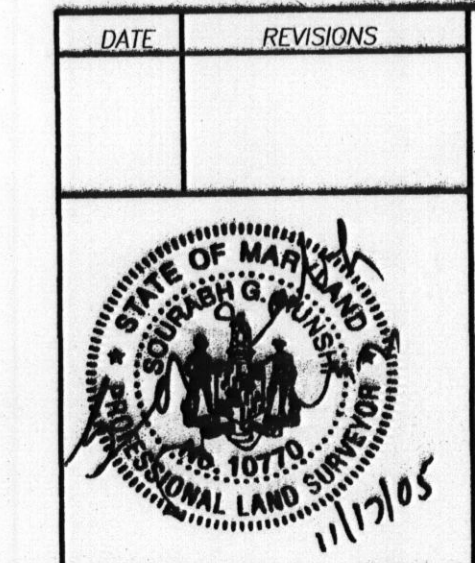
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835 DRYER ROAD
MARROTSVILLE, MARYLAND 21104
PH. 717-577-5731



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LIBER 654 FOLIO 413
#835 DRYER ROAD
MARROTSVILLE, MD. 21104
ELECTION DISTRICT No. 3
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