

COUNTY NUMBER A 33799

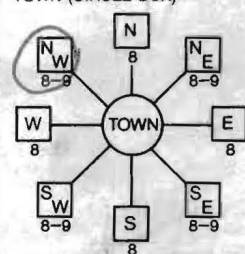
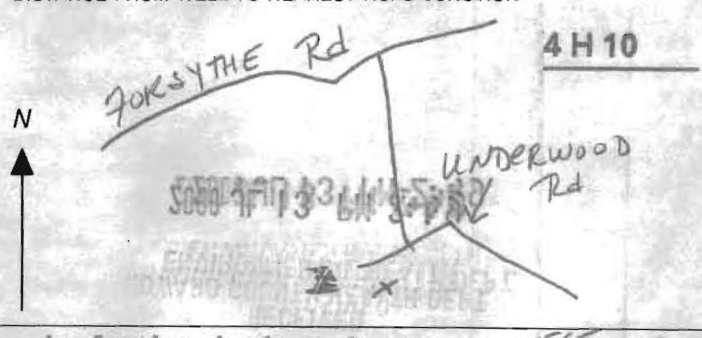
28 29 30 31 32 33 34 35 36

LOT

HOLE	
O	T
OTHER	

	74	75	76
OTHER DATA			

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURES
AND INDICATE NOT LESS THAN
TWO DISTANCES
(MEASUREMENTS TO WELL)

B 1 01408 <small>1 2 3 6</small>	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL W513687 please print or type	STATE PERMIT NUMBER HO -94 - 2763 <small>70 fill in this form completely 79</small>
Date Received (APA) (Bill Barton - 301-674-5198) <small>8 MM DD YY 13</small> Kady Williams Assoc, Inc. <small>15 Last Name Owner First Name 34</small> P. O. Box 130 <small>36 Street or RFD 55</small> Lanham, Md 20703-0130 <small>57 Town 70 State 72 Zip 76</small>		B 3 Howard LOCATION OF WELL CC# <small>8 COUNTY 21</small> Robins Property <small>23 SUBDIVISION 42</small> SECTION <small>44 46</small> LOT 1 <small>48 50</small> West Friendship <small>52 NEAREST TOWN 71</small> MILES FROM TOWN (enter 0 if in town) 2 <small>73 76 77 78</small>	
DRILLER INFORMATION George F. Easterday MWVD 040 <small>Driller's Name 76 License No. 81</small> L. Franklin Easterday, Inc. <small>Firm Name</small> 9265 Brown Church Rd., MT. Airy, Md. 21771 <small>Address</small> George F. Easterday 7/12/2000 <small>Signature Date</small>		B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  Underwood Rd <small>11 NEAR WHAT ROAD 30</small> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <small>34 37</small> DISTANCE FROM ROAD 750 900 <small>ENTER FT OR MI 38 39</small> TAX MAP: 9 BLK: 21 PARCEL 342	
B 2 WELL INFORMATION <small>1 2</small> APPROX. PUMPING RATE (GAL. PER MIN.) 5 <small>8 12</small> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 <small>14 20</small>		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD A33799 <small>COUNTY NAME COUNTY NO.</small> STATE SIGNATURE _____ INSERT S → <small>41</small> DATE ISSUED 7/31/00 C. Williams 7/30/01 <small>43 MM DD YY 48 CO SIGNATURE EXP. DATE</small> NORTH GRID 541 000 EAST GRID 0806 000 <small>50 55 57 63</small>	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION <input type="radio"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="radio"/> INDUSTRIAL, COMMERCIAL, DEWATERING <input type="radio"/> PUBLIC WATER SUPPLY WELL <input type="radio"/> TEST, OBSERVATION, MONITORING <input type="radio"/> GEO-THERMAL		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. wells 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 800' N 540' DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
APPROXIMATE DEPTH OF WELL 300 FEET <small>24 28</small> APPROXIMATE DIAMETER OF WELL 6 INCH <small>NEAREST INCH</small>		10/27/00 11:30 X 10/27/00 No Inspection (Signature)	
METHOD OF DRILLING (circle one) BORED (or Augered) <u>JETTED</u> <u>Jettied & DRIVEN</u> 36 <u>AIR-ROTARY</u> <u>AIR-PERCussion</u> <u>ROTARY</u> (Hydraulic Rotary) 37 <u>CABLE</u> <u>REverse-ROTARY</u> <u>DRive-POINT</u> other _____		REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="radio"/> THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ <small>52</small>	
Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER 54 G A P 63 PERMIT No. HO -94 - 2763 <small>70 71 72 73 74 75 76 77 78 79</small>			
SPECIAL CONDITIONS Note to driller: approved location is further back on lot than original proposal and is approximately WEST 780' from center of court. CW			

11/7/01

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648**

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name:

Van Sant Inc.

Telephone #:

301-829-0444

Address:

2701 Back Ave Circle
MT. Airy MD 20711(Must circle one) Licensed Plumber

Licensed Well Driller

Licensed Well Pump Installer

License # and name of individual responsible for the field installation:

Name (Print):

LARRY A. VAN SANT

License#

6936

***A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.**

Name of Property Owner:

Ken Brown

Telephone #:

443-271-0325

Subdivision:

Robins Property

Lot #:

1Well Tag #: HO-94-2763 ✓

Site Address:

1701 Underwood Rd
West Friendship, MD 21794**Submersible Pump Data**Make: Goulds

Model #:

7G307422

Pump Capacity _____ GPM

Well Yield: _____ GPM

Depth of well encountered at time of pump installation: 200 (feet)

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors or Cable guards are required - Must circle one

Safety rope, if used, attached to inside of well casing with eye bolt NO**Pitless Adapter**Make: Cummins

Model#:

B10XDepth: 40 (36" min)NSF approved: YES**Well Cap and Electric Conduit**Two piece watertight cap: ☒Screened, vented well cap: ☒Cap secured to casing: ☒Conduit min 18" B.G.: ☒Conduit secured to well cap: ☒**Piping to house**Type: PolyethylenePSI: 200 (160 psi min)Depth of supply line: 2 (36" min)**House Connection**PVC sleeved to undisturbed soil at wall penetration: ☒Approximate length of sleeve: 1 ✓Sleeve caulked and sealed properly: ☒

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation

date

11.9.05**For Health Department Use Only - Not to be completed by Installer**

Date Insp. Requested: _____

Date Insp. Approved: 8/19/04 (50)

Inspection Data: Pitless adapter and water supply line at least 36" below grade

Two piece cap installed and attached to casing securely

Elec. conduit extends at least 18" below grade/attached to cap properly

Safety rope installed inside of well casing

Correct well tag attached properly and casing 8" above finished grade

Water supply line sleeved adequately at house connection

Adequate grout observed below pitless adapter



Howard County
Health Department

3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-1771 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

November 9, 2005

Kenneth Brown
9020 Bruno Road
Randallstown, MD 21133

RE: Robins Property, Lot 1
1761 SE Underwood Road
West Friendship, MD 21794
BP #: B00144289
Well Permit # HO-94-2763

Dear Sirs:

This is to advise you that the septic system for the above referenced property has been installed and inspected. **Final approval of the septic system was granted on 08/16/2004. Final approval of the well line connection to the dwelling was approved on 08/19/04.**

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. The water sample results were found to be in compliance with COMAR water quality standards.

INTERIM CERTIFICATE OF POTABILITY

This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit #HO-94-2763. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

This certificate may become final upon completion of the second bacteriological test, which is to be taken by the county health department within six months of receipt of this letter. **Please contact (410) 313-1773 to schedule a final water sample appointment. Currently, there is no charge for this final sampling.**

Date of Water Sample(s): 09/26/2005
Date of Well Completion: 10/27/2000

Approving Authority,

Stuart Oster, R. S.
Well & Septic Program

cc: Building Inspector's Office
Community Health Services
File

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Tangtown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

REPORT OF ANALYSIS

Laboratory ID #:	56480	Account #:	7112
Reference:	Ken Brown	Company:	CASH ACCOUNT
Location:	1761 Underwood Road	Requested By:	Ken Brown
	Sykesville, MD 21784	Source:	Well Water
Date/ Time Collected:	09/26/05 1355	Site:	Pressure Tank
Date/Time Rec'd:	09/26/05 1530	Treatment:	Neutralizer**
Chlorine ppm:	Free: ND Total: ND	pH:	5.8
Collected By:	C. Mooshian 7268CM	Well #:	HO-94-2763

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223 B.	09/27/05 / 1020 / B. Dutterer
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223 B.	09/27/05 / 1020 / B. Dutterer
Nitrate	4.51	mg/L	10	601	09/27/05 / 0930 / B. Dutterer
Turbidity	7.31	NTU	<10	SM18 2130B	09/27/05 / 0950 / B. Dutterer
Sand	NS	mg/L	5	Visual/Gravimetric	09/27/05 / 0950 / B. Dutterer

NOTES:

- 1 **Sample collected prior to treatment
- 2 mg/L = milligrams per liter (also, parts per million)
- 3 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 4 NS = None Seen (NS indicates less than 5 mg/L)
- 5 NTU = Nephelometric Turbidity Units
- 6 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 7 ND:None Detected
- 8 Visual well check: Sealed, vented cap
- 9 pH tested on-site

Reason for Test : Use & Occupancy
 Building Permit # : B00144289

Date Reported: 09/27/05

SETBACKS:

REAR PL. 50'
SIDE PL. 30'
HOUSE N/A
SEPTIC 20'
WELL 30'

UNDERWOOD ROAD
60' R/W

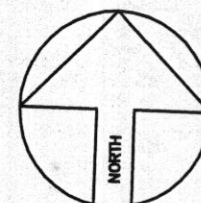
SITE PLAN

1" = 100'

LOT 1 STREAKER WILLIAM

TAX ACCOUNT # 311635
MAP 9, GRID 21, PARCEL 342
ELECTION DISTRICT NO. 03
HOWARD COUNTY, MARYLAND

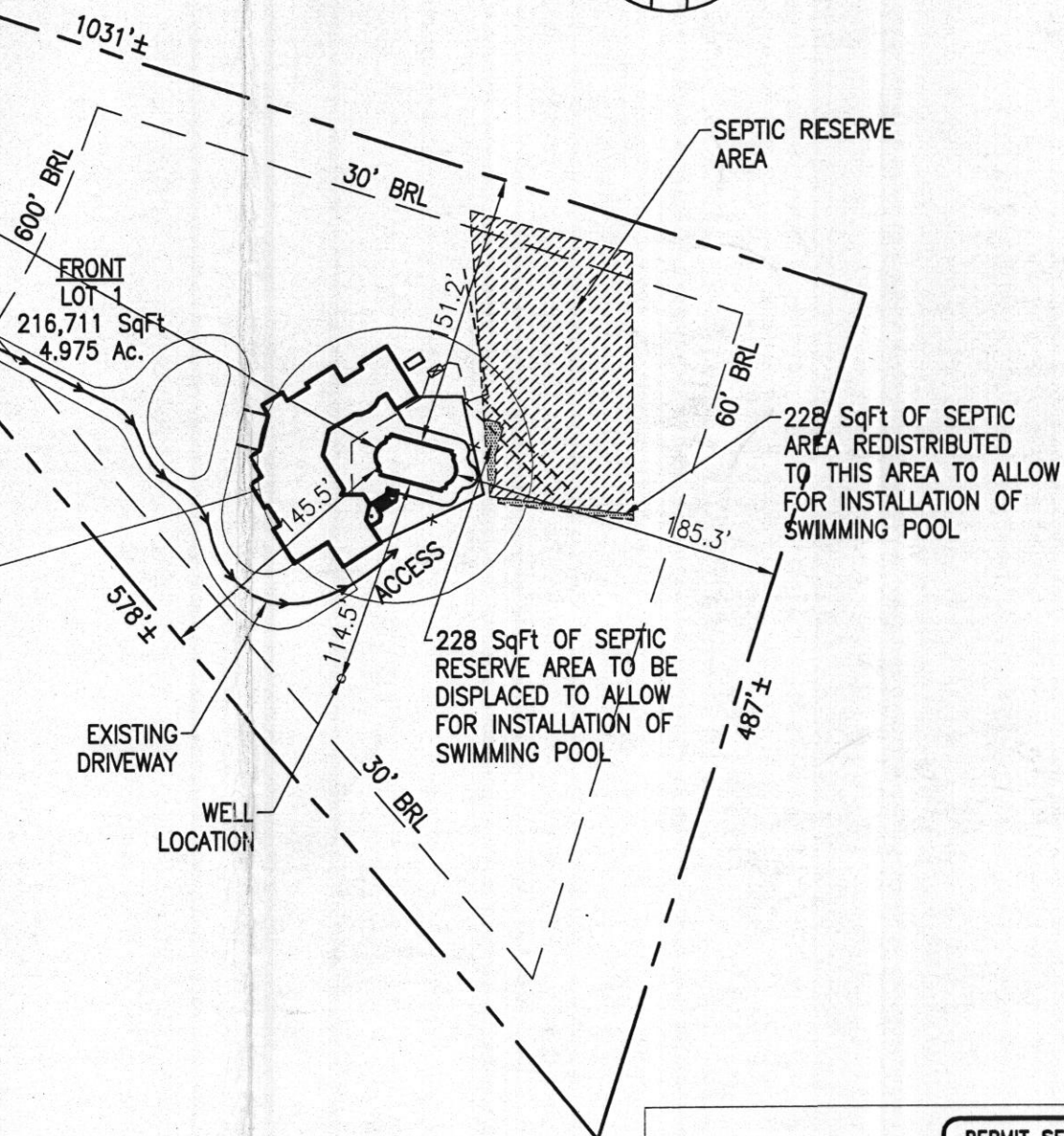
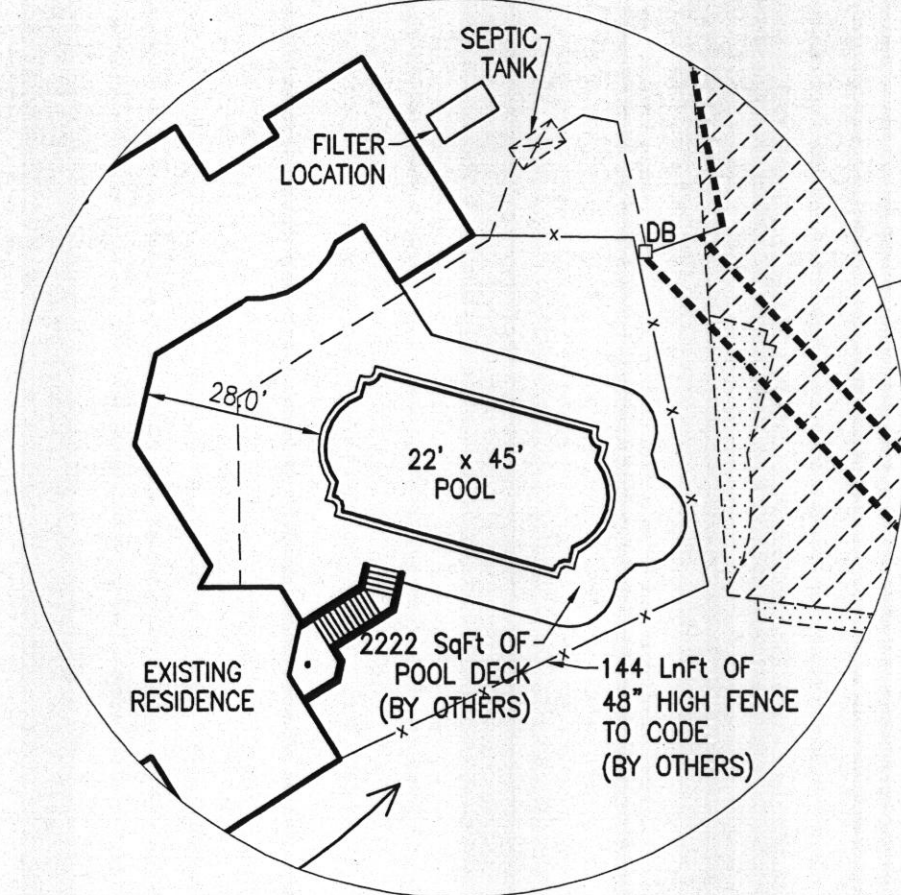
PRIVATE WELL & SEPTIC



APPROVED
WALK-THRU BUILDING PERMIT
BP# B02158996A# 45836
APP. SAN Kachuma DATE: 4-11-06
DESC. OF WORK: pool

ENLARGED VIEW

1" = 30'



Maryland POOLS Inc.

9515 GERWIG LANE SUITE 121 COLUMBIA, MD 21046 410-995-6600
11166 MAIN STREET SUITE 402 FAIRFAX, VA 22030 703-359-7192
800-252-SWIM
WWW.MARYLANDPOOLS.COM

EQUIPMENT LIST

DIRT/GRADING: HAUL - 1 HOUR (IN CONTRACT)
SPA: NONE
RAISED BEAM: NONE
TILE: NEP-1
COPING: 14" PA FULL RANGE FLAGSTONE - CUT
PLASTER: WHITE MARBELITE
FILTER SYS: C&C 420 SF CART. W/2 HP PUMP
CLEANING SYS: PCC-2000
TREATMENT SYS: MINERAL SPRINGS
CONTROL SYS: NONE
HEATER: 400K BTU - PROPANE
LIGHTS: TWO WATTS: 500 VOLTS: 120
LOVESEAT: (1) @ 6' W/STEP - INSIDE (1) @ 5' - INSIDE
AQUA BENCH: (2) @ 5'
RAIL GOODS: NONE
DECKING: NONE
FENCE: BY OWNER
POOL COVER: NONE TYPE: N/A
CHEMICALS: \$50 CHEMICAL ALLOWANCE
OTHER ITEMS: STUB-OUT FOR (2) FUTURE FOUNTAINS

ELECTRIC: 200 FT.

POOL DATA

SIZE/SHAPE: 22' X 45' - CRETIAN (DIVING)
POOL AREA: 900 SPA: OTHER:
TOTAL AREA: 900
PERIMETER: 122 SPA:
GALLONAGE: 37,125 DEPTH: 3'-0" TO 8'-6"

DIRECTIONS TO SITE

DIRECTIONS:
32 WEST TO LEFT ONTO RT. 99 (OLD FREDERICK RD.) FOLLOW
TO LEFT ONTO UNDERWOOD RD. - FOLLOW TO END SITE IS AT
1781 - FOLLOW GRAVEL DRIVEWAY

MAP #

4

GRID

J-13

Kenneth & Doriscine Brown
1761 Underwood Road
West Friendship, Maryland 21794
Howard County

HOME PHONE: 410-489-2320
CELLULAR PHONE: 443-271-0325 (Mr.)
OFFICE PHONE: 410-521-0848 (Mr.)
OFFICE PHONE:

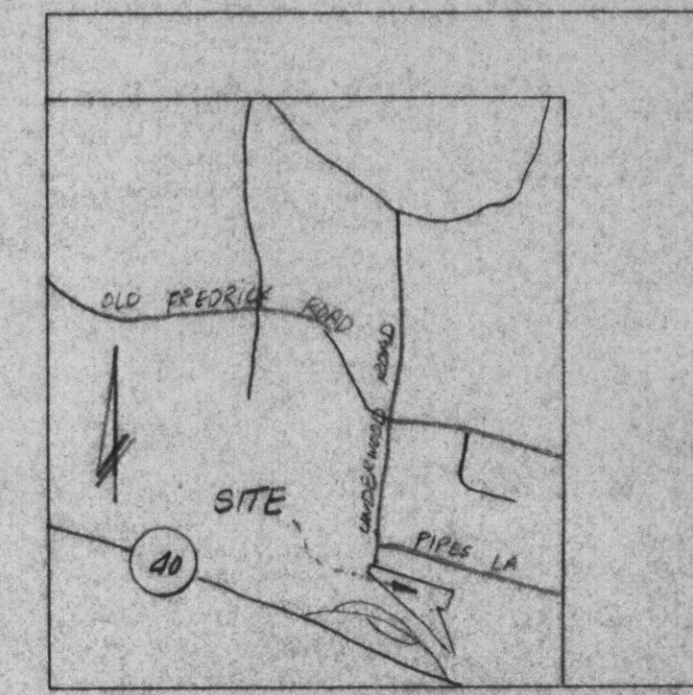
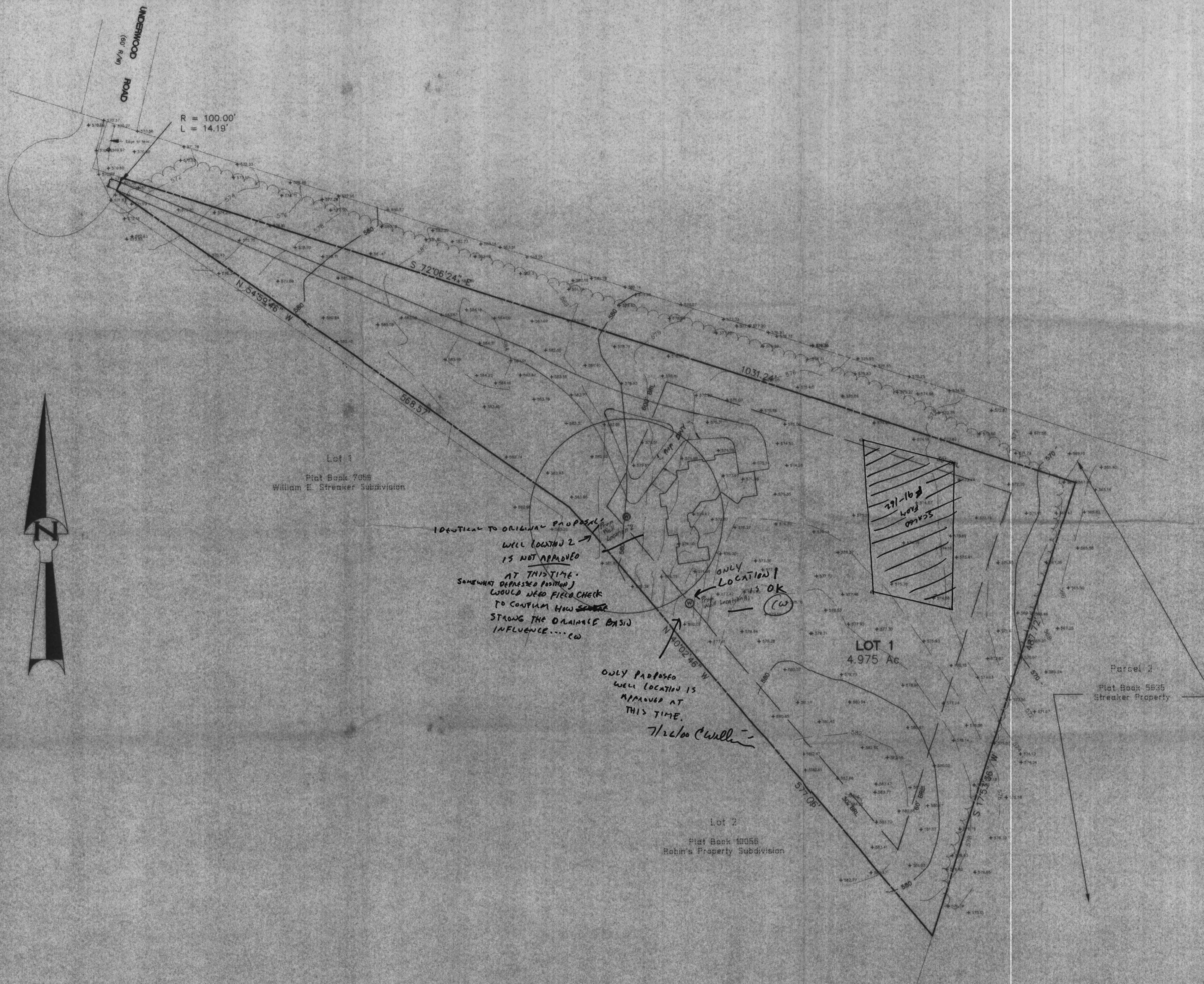
PERMIT NUMBERS

POOL:
ELECT:
OTHER:

PERMIT SET

DATE: 04-05-06

LOT: 1	SUBDIVISION NAME: STREAKER WILLIAM	DISTRICT: 03	PIN # 311635
SITE PLAN			ZONE: ONE
SCALE: 1" = 100'	BY: DLC	DATE: 03/29/06	JOB NUMBER: JC06-8771
SHEET #:			S-1



VICINITY MAP
SCALE: 1"=2000'

To: CEAIG.
From:
KADY WILLIAMS ASSOC INC
Bill Barton
301 674 5198

REVISIONS			
DATE	BY	REVISIONS	



APPLIED CIVIL ENGINEERING INC.
ENGINEERING * PLANNING * SURVEYING * LAND DEVELOPMENT
& PERMIT PROCESSING
9470 ANNAPOLIS ROAD, SUITE 414
LANHAM, MARYLAND 20706
TEL. (301) 459-5932

OWNER/APPLICANT/DEVELOPER
KEN & DORIS BROWN
Kady Williams & Assoc., Inc.
P.O. Box 130
Lanham, MD 20706
(301) 352-9830

SITE DEVELOPMENT PLAN
Underwood Road
Lot 1
ROBIN'S PROPERTY
Third Election District
Howard County, Maryland