

11/21/00  
11:00

11/21/00 Need more  
con

RPS# 315898

# PERMIT

**SEWAGE DISPOSAL SYSTEM**  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
410-313-2640

P 514617  
A 47044  
ISSUE DATE 10/30/2000  
APPROVAL DATE 2/20/01

INDEXED

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL X ALTER     

ADDRESS 580 Obrecht Road Sykesville, MD 21784 PHONE 410-795-3432  
SUBDIVISION Steven's Delight LOT NUMBER 1 ADDRESS 1240 St. Michael's Road  
PROPERTY OWNER Carlos & Lisa Escaffi PROPERTY OWNER'S ADDRESS 1016 Bradford Lane  
SEPTIC TANK CAPACITY 1250 GALLONS Mt. Airy, MD 21771  
PUMP CHAMBER CAPACITY N/A GALLONS  
NUMBER OF BEDROOMS 4 \*\*\* TOP SEAMED SEPTIC TANK REQUIRED \*\*\*  
SQUARE FEET PER BEDROOM 240  
LINEAR FEET OF TRENCH REQUIRED 320

TRENCHES: Trenches to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth  
6 feet below original grade. 2 feet of stone below distribution box.  
LOCATION: Begin trenches 190 feet off the front lot line and 90 feet off the left lot  
line as seen when facing the house from St. Michaels Road. Run trenches on contour in  
both directions.

IF CONTOUR ALLOWS KEEP TRENCHES 7' EDGE TO EDGE TO CONSERVE  
SEPTIC EASEMENT AREA

PLANS APPROVED Amy McMillen DATE 4-24-2000  
PERMIT VOID AFTER 2 YEARS OK SRH (Steven R. Krieg) 5-17-00

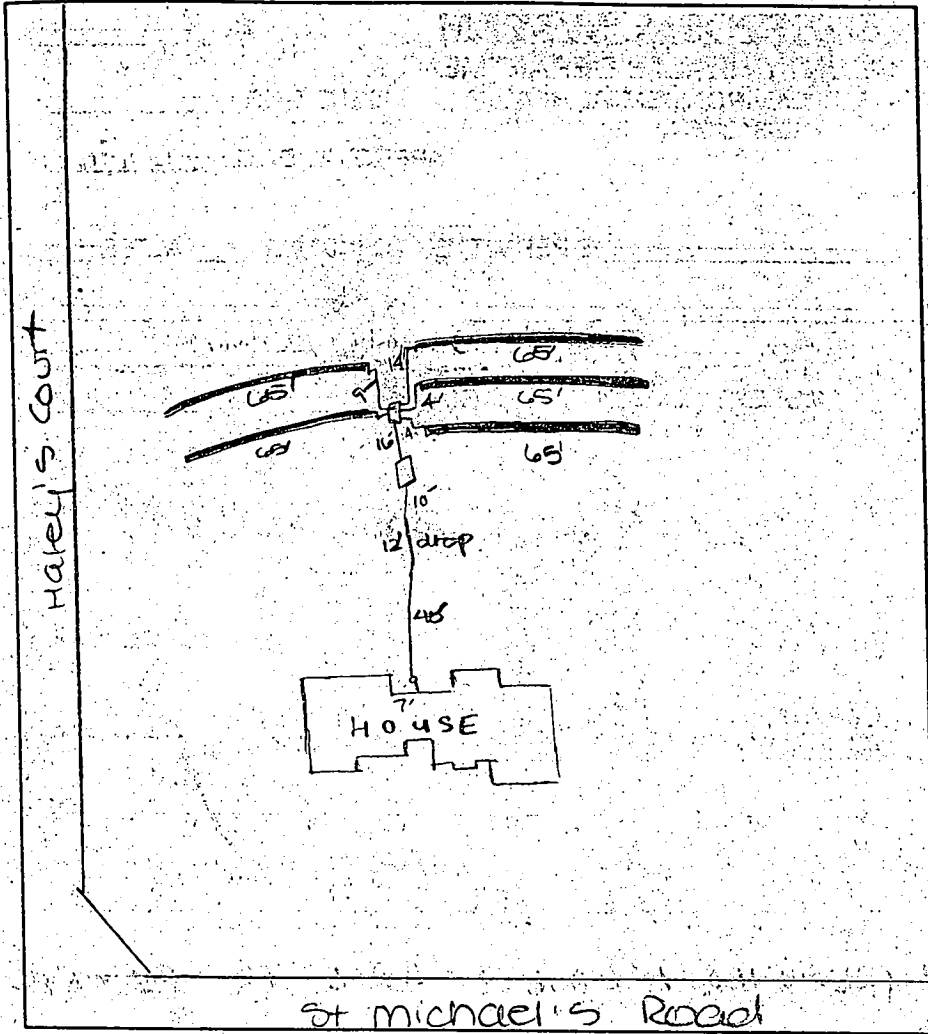
- (NOTE) CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS ARE NOT ACCEPTABLE
- NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRAINFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS OTHERWISE SPECIFICALLY AUTHORIZED
- NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED
- NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC 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

P514617

NOT TO SCALE



**TRENCH DATA**

TRENCH WIDTH 3'  
 TRENCH INLET DEPTH 4'  
 TRENCH BOTTOM DEPTH 6'  
 DEPTH OF STONE 2'  
 NUMBER OF TRENCHES 5  
 TOTAL TRENCH LENGTH 325  
 ABSORBENT AREA 975  
 DISTRIBUTION BOX LEVEL   
 BAFFLE IN DISTRIBUTION BOX

**SEPTIC TANK DATA**

SEPTIC TANK 1250 GALLONS  
 MANHOLE RISER   
 6 INCH INSPECTION PORT

**PUMP CHAMBER DATA**

~~PUMP CHAMBER GALLONS \_\_\_\_\_  
 MANHOLE RISER \_\_\_\_\_  
 ALARM \_\_\_\_\_  
 PUMP PERFORMANCE TEST \_\_\_\_\_~~

PRE-CONSTRUCTION INSPECTION: 11/20/00 layout confirmed - septic tank set, upper corners of SDA staked. DKC  
 INSPECTION COMMENTS: 11/20/00 P.M. OK to cover from 2' off house to dist box. Needs house connection DKC  
11/21/00 A.M. OK to cover first 3 trenches and continue to  
11/21/00 P.M. OK to cover all septic work. Need house connection for final approval. DKC  
2/20/01 - SPOKE TO BUILDER REGARDING HOUSE CONNECTION, HE VERIFIES THAT IT HAS BEEN MADE - (SRK)

INSPECTOR Steven R. Krieg DATE SYSTEM APPROVED 2/20/01

5273



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HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*

July 14, 1997

To: Lambert Cissel  
3524 Hipsley Mill Road  
Woodbine, Maryland 21797

FROM: Amy Mc Millen, R.S.  
Water & Sewerage Program *AM*

RE: Septic approval  
Scott's Delight and Steven's Delight Subdivisions

COMMENTS:

During percolation testing for the proposed Spring Hollow subdivision, re-testing of several previously approved lots in the above referenced subdivisions was performed. Testing revealed that the septic easements in Scott's Delight, Lots 2 & 3 were confirmed acceptable for sewage disposal. Once wells are drilled, these lots are eligible for building permit approval.

Further percolation testing revealed failing soil conditions in and around the septic easements in Scott's Delight, Lot 1 and Steven's Delight, Lots 1 thru 3. In light of this new information, re-evaluation of these easements will be necessary prior to any building permit approval for these lots.

cc: File  
Tim Feaga  
EC&C, Inc.

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Bureau of Environmental Health  
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544  
Water and Sewerage, Permits (410) 313-2640 Community Environmental Health (410) 313-2644  
Food Protection Program (410) 313-2642 TDD (410) 313-2323

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: Apple Plumbing & Heating Telephone # 4108408118  
Address: 202 Beechwood Dr  
Westminster, MD 21157

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation  
Name (Print): Patrick E. Schepa License # 3232

\*A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.

Name of Property Owner: Carlos E. Escobar Telephone # 4105493311  
Subdivision: Stevens Delight Lot # \_\_\_\_\_ Well Tag # HO-94-0267  
Site Address: 1210 Hurleys Ct (HO-94-2267)  
Mt. Airy 21171

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit  
Make: Jacuzzi Make: Amer. Granby Two piece watertight cap Y  
Model # T954JBP-32 Model: PTB20 Screened, vented well cap Y  
Pump Capacity 3 GPM Depth: 42" (36" min) Cap secured to casing Y  
Well Yield 2 GPM NSF approved N Conduit min 1 1/2" B.G. Y  
Depth of well encountered at time of pump installation: 336 (feet) Conduit secured to well cap Y  
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 173.4 Y  
Torque arrestors: Cable guards other - Must circle one  
Safety rope, if used, attached to inside of well casing with eye bolt N

Piping to house House Connection  
Type: Polybutylene PVC sleeve to undisturbed soil at well penetration: Y  
PSI: 100 (150 psi min) Approximate length of sleeve: 36"  
Depth of supply line: 42 (36" min) Sleeve caulked and sealed properly: Y

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: [Signature] date: 02-12-01

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

Date Insp. Requested: ? Date Insp. Approved: \_\_\_\_\_ Inspector: \_\_\_\_\_  
Inspection Data: Pitless adapter watertight & 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 not seen outside of well casing \_\_\_\_\_  
Correct well tag attached properly and casing 5' above finished grade \_\_\_\_\_  
Water supply line sleeved adequately at house connection \_\_\_\_\_  
Adequate grout observed below pitless adapter \_\_\_\_\_

Spoke to Pat from Apple Plumbing, He mentions the insp. was called in. Asked him questions about installation. ON SRU

# APPLICATION

5-30-91  
16-17-91  
10:00 AM

PERCOLATION TESTING

A 47044  
P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
PO BOX 476 ELLICOTT CITY MARYLAND 21043  
TELEPHONE 461-9933

Provided ok, 200 ft buffer  
to all streams. Expand SDA  
to 10,000 sq ft. minimum.  
5-6-91 JEN

DISTRICT 4th

DATE April 16, 1991  
5/7/91

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM

PROPERTY OWNER (W. Lambert Cissel, Jr.) CARLOS + LISA ESCAFFI

ADDRESS 3425 Hipsley Mill Road, Woodbine, MD 21797 PHONE 301-442-2463

PROSPECTIVE BUYER Same

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Heaven's Delight LOT NO 1

ROAD AND DESCRIPTION 1240 1300± St. Michael's Rd.

TAX MAP 7 PARCEL # 341

SIZE OF LOT 3.5 acres ± TYPE BLDG Single Family Dwelling  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE

FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY

WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT Christine A. Richards  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

**BLDG PERMITS DENIED  
AND RESUBMITTED 5/3/2000**  
Serial # B06123643  
SFD - 4 BRMS

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

HD-216

# THIS IS NOT A PERMIT

Lot 1  
A 47044

PER PLAN  
⊗ = NOT DUG

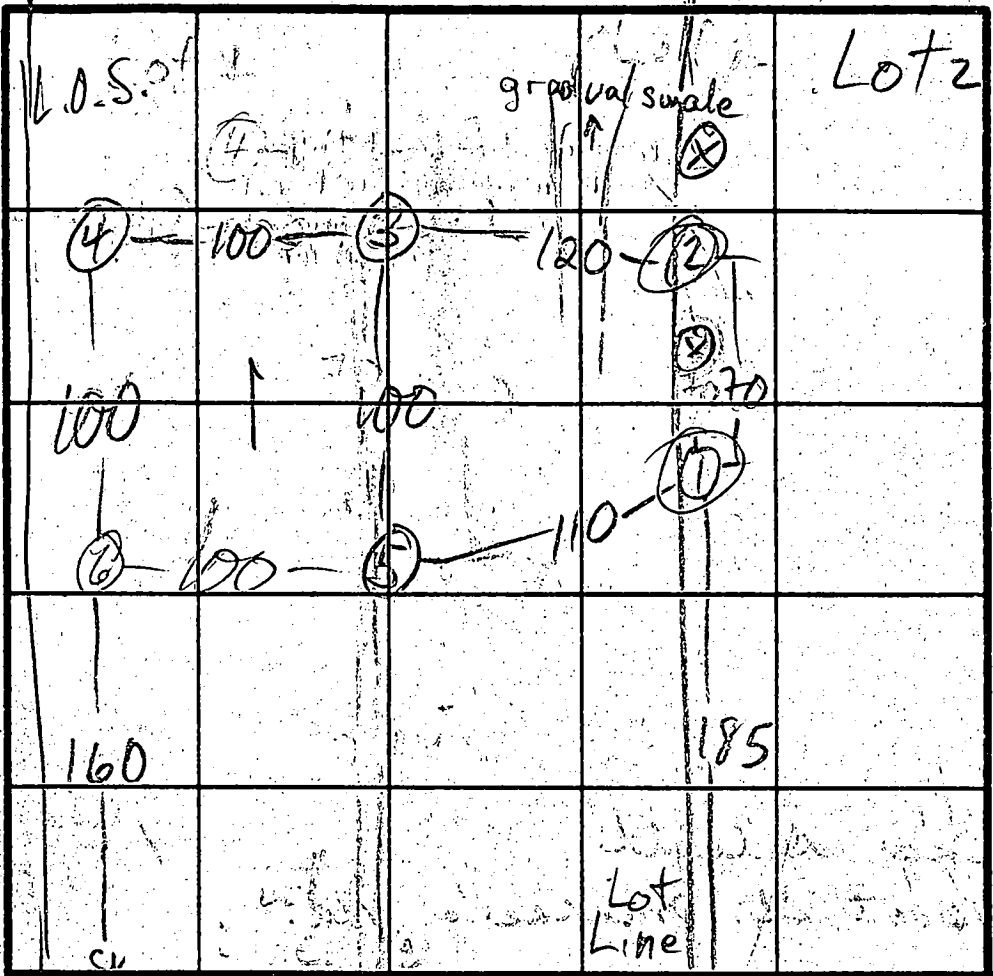
(4)

SOIL PROFILE

0  
14. brn red sa cl lm 10% frags

4  
brn sa lm 20% shale frags

6  
brn sa loam w/ >50% shale



org sa cl loam 15% frags 3 1/2

brn sa loam 25-30% shale frags 1 1/2

Scott's Delight Lot 4

(3)

ST. MICHAEL RD

INDICATE NORTH NAME ADJOINING ROADWAY AS BASELINE.

org sandy clay 10% frags

5  
brn sa lm 20-25% shale frags

6 1/2  
brn sa loam 15-20% frags

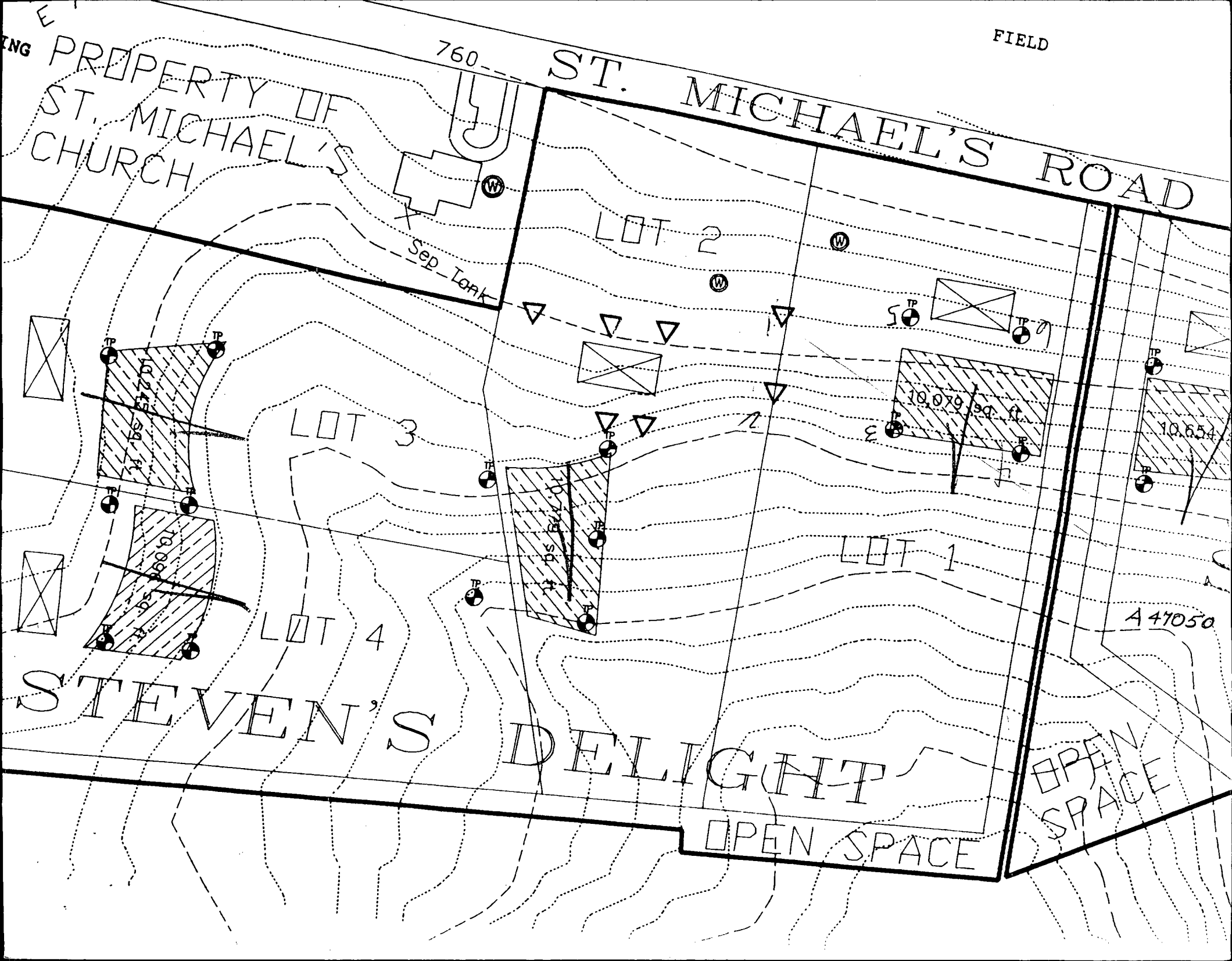
DATE	TEST NO.	DEPTH	PRE-WET		TEST "I" DROP		TIME
			START	STOP	START	STOP	
6/1/71	(1)	10	see profile				FAIL
	(2)	3 1/2	REFUSAL	SOLID	ROCK		FAIL
6/24/71	3 S	4 1/2	10:54	11:16	11:11	SLOW	
	3 S	6 1/2	11:07	1:09	1:09	11:14	5
	3 V	12 1/2	see profile				
	4 S	4 1/2	10:56	11:03	11:03	11:16	13
	4 V	12 1/2	see profile				
	5 S	5 1/2	12:56	1:11	1:11	1:30	19
	5 V	7 1/2	sim to (3)	more red clay			
	6 S	5	1:43	SLOW	REDIG		
	6 S	6	4:07	4:17	4:17	4:35	18
	6 V	11 1/2	sim to (4)				

REMARKS HOLES NOT PER PLAN; USE (3)-(4)-(5)-(6)

TYPE OF SOIL \_\_\_\_\_

TESTED BY M. Rifkin ALSO PRESENT \_\_\_\_\_

EH-12-1079



FIELD

760

ST. MICHAEL'S ROAD

PROPERTY OF  
ST. MICHAEL'S  
CHURCH

LOT 2

LOT 3

LOT 1

LOT 4

STEVEN'S

DELIGHT

OPEN SPACE

OPEN  
SPACE

A 41050

Sep. Tank

10,070 sq. ft.

10,654

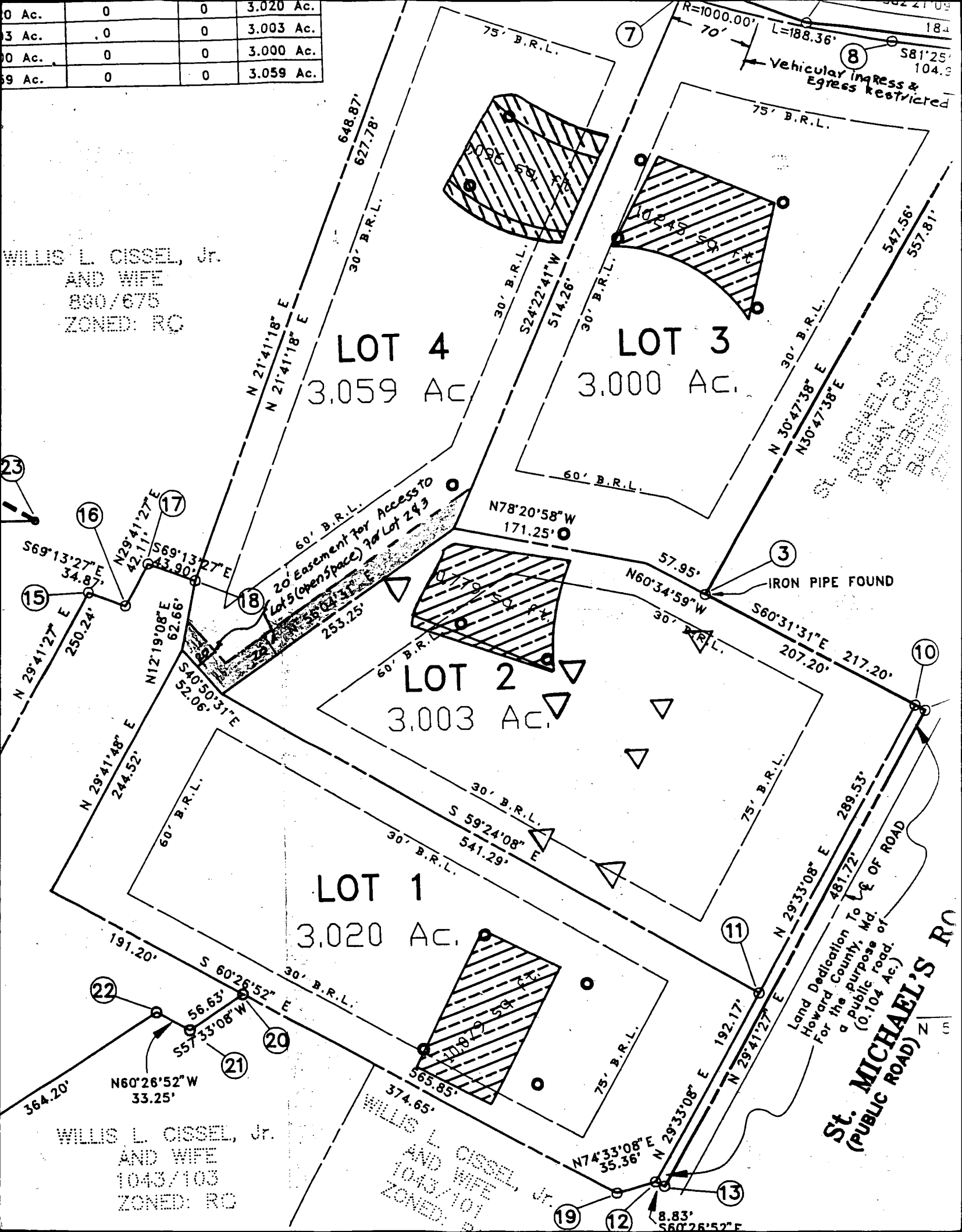
15,567 sq. ft.

10,000 sq. ft.

14,587 sq. ft.

0 Ac.	0	0	3.020 Ac.
3 Ac.	0	0	3.003 Ac.
0 Ac.	0	0	3.000 Ac.
9 Ac.	0	0	3.059 Ac.

WILLIS L. CISSEL, Jr.  
AND WIFE  
890/675  
ZONED: RC



LOT 4  
3.059 Ac.

LOT 3  
3.000 Ac.

LOT 2  
3.003 Ac.

LOT 1  
3.020 Ac.

WILLIS L. CISSEL, Jr.  
AND WIFE  
1043/103  
ZONED: RC

WILLIS L. CISSEL, Jr.  
AND WIFE  
1043/101  
ZONED: RC

St. MICHAEL'S CHURCH  
ROMAN CATHOLIC  
BALTIMORE, MD

Land Dedication To  
Howard County, Md.  
for the purpose of  
a public road.  
(0.104 Ac.)

St. MICHAEL'S RD  
(PUBLIC ROAD)

Vehicle Ingress & Egress Restricted

IRON PIPE FOUND

20' Easement for Access to Lot 5 (open space) for Lot 2 & 3

R=1000.00'  
L=188.36'

75' B.R.L.

75' B.R.L.

60' B.R.L.

60' B.R.L.

30' B.R.L.

75' B.R.L.

75' B.R.L.

374.65'

N 29°33'08" E

N 29°33'08" E

184

547.56'

557.81'

N 30°47'38" E

N 30°47'38" E

N 78°20'58" W  
171.25'

N 60°34'59" W

S 60°31'31" E  
207.20'

217.20'

S 59°24'08" E  
541.29'

S 60°26'52" E  
191.20'

N 60°26'52" W  
33.25'

N 29°41'27" E

N 74°33'08" E  
35.36'

8.83'

N 29°41'27" E  
250.24'

N 29°41'48" E  
244.52'

N 12°19'08" E  
62.66'

S 40°50'31" E  
52.06'

N 29°41'27" E

N 29°41'27" E

N 29°41'27" E

N 29°41'27" E

N 29°41'27" E

# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Steven's Delight LOT NO. 1

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT



# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 461-9933

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Lambert Cissel

ADDRESS 3425 Hipsley Mill Road, Woodbine, MD 21797 PHONE (410) 442-5671

PROSPECTIVE BUYER Developer, Land Marketing Consultants, Inc., Timothy W. Feaga

ADDRESS 3243 Bethany Lane, Ellicott City, MD 21042 PHONE (410) 313-8808

PROPERTY LOCATION:

SUBDIVISION Cissel Property LOT NO \_\_\_\_\_

ROAD AND DESCRIPTION Intersection of Hardy & St. Michael's Road

TAX MAP 7 PARCEL # 394, 4, 341, 144

SIZE OF LOT 1 Acre TYPE BLDG \_\_\_\_\_  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Willis Lambert Cissel JR  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# THIS IS NOT A PERMIT

HD-216

COUNTY #

SOIL PROFILE

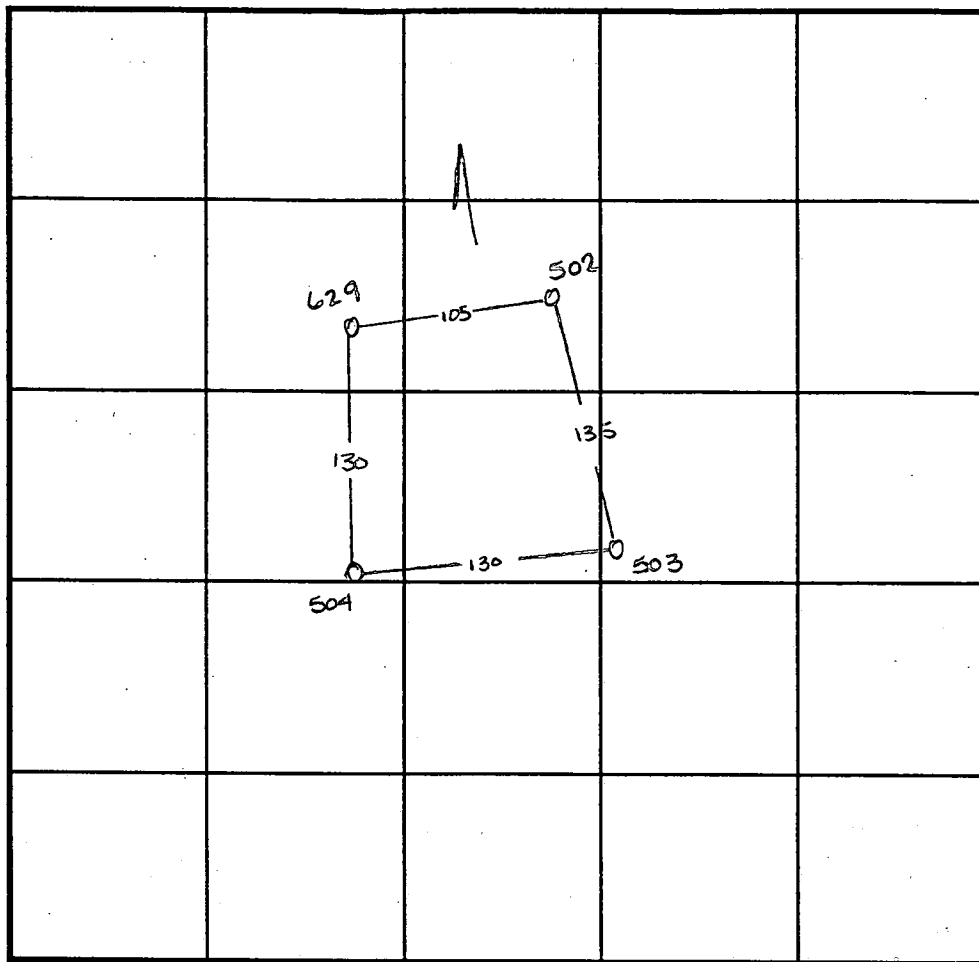
629

0' dark orange SiClm 25% Shale  
band of yellow SiLm  
bright red SiLm 25% Shale

SOIL PROFILE

503

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ST. MICHAELS RD

504 503

>50% rock at 5.0 refusal at 9.0

502

2.0 dark orange SiClm  
2.0 dark orange brn SiLm 30% frags  
6.5 40-50% rock dark red refusal  
8.0

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-21-96	629	3.0 <del>7.5</del>	11:25	11:29	11:29	11:32	3min
	504	Insufficient	depth to bedrock				F
	503	Insufficient	depth to bedrock				F
	502	2.0 <del>8.0</del>	11:12 <sup>30</sup>	11:14	11:14	11:15	1min
	502	repour	11:15	11:17	11:17	11:20	3min
	502	Fast perc times + rock content					F

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY Amy McMillen

ALSO PRESENT Tim Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_

TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_

MAXIMUM BOTTOM DEPTH \_\_\_\_\_

SQ. FT/BEDROOM \_\_\_\_\_

# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 461-9933

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER Lambert Cissel

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ADDRESS 3243 Bethany Lane, Ellicott City, MD 21042 PHONE (410) 313-8808

PROPERTY LOCATION:

SUBDIVISION Cissel Property LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION Intersection of Hardy & St. Michael's Road

TAX MAP 7 PARCEL # 394, 4, 341, 144

SIZE OF LOT 1 Acre TYPE BLDG. \_\_\_\_\_  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Willis Lambert Cissel JR

(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

502

dark orange  
Sicilm

2.0

dark orange  
brown  
Silm  
30% frags

40-50% Rx dark red

refusal

500

clay dark red

>50% rock

refusal

501

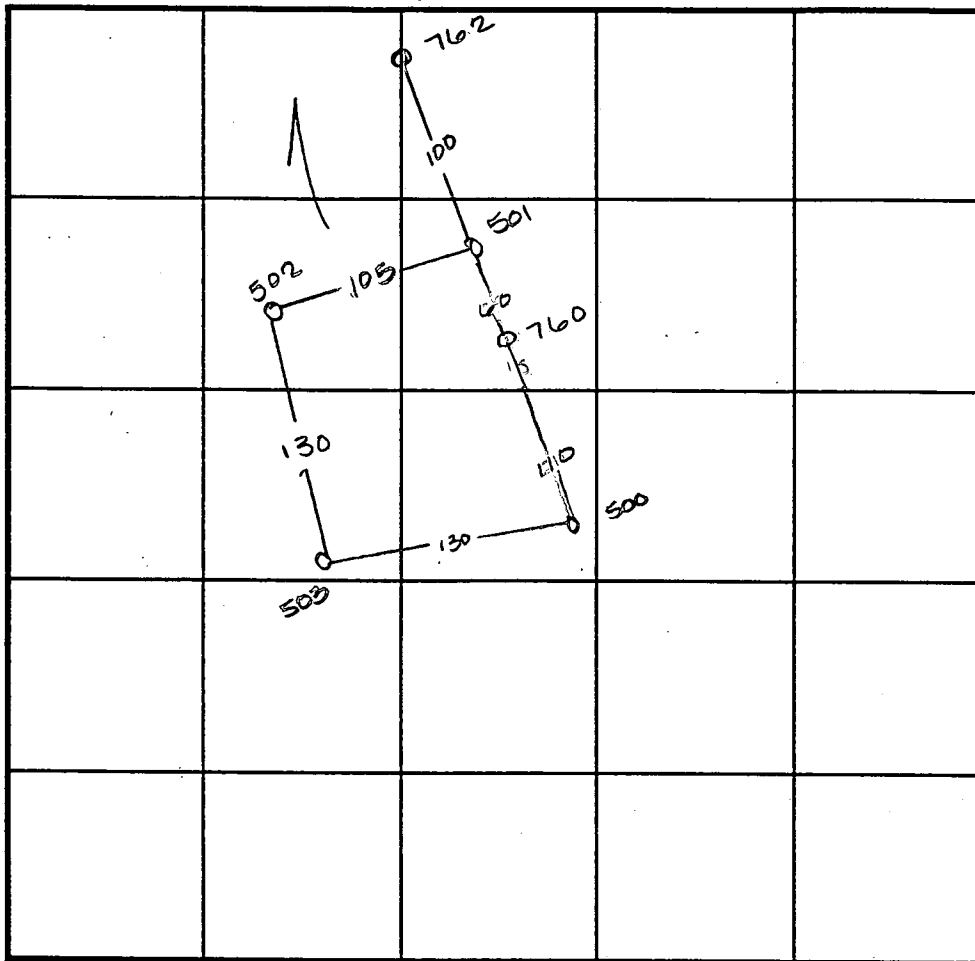
dark brown  
Sicilm  
10% Rx

dark red  
Saclm  
35% Rx

dark red

Silm  
20% Rx

22



SOIL PROFILE

762

dark orange  
Sicilm

dark orange  
Silm  
20% frags

no distinct high water line

water

>50% rock @ 5.0  
refusal at 9.0

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ST MICHAELS RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-21-96	502	2.0 / VB.0	11:12 <sup>30</sup>	11:14	11:14	11:15	1min
	502	repowr	11:15	11:17	11:17	11:20	3min
	502	Fast perc times + rock content					F
	503	Insufficient depth to bedrock					F
	500	Insufficient depth to bedrock					F
	501	3.0 / V12.0	9:36	9:38	9:38	9:41	3min
	501	7.0 / V12.0	9:36 <sup>30</sup>	9:50	>30min		slow >F
8-28-96	762	Visual only	- see profile -				OK
	760	Visual	- see profile - insufficient depth to bedrock				F

REMARKS wet season

TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT Tim Feuga

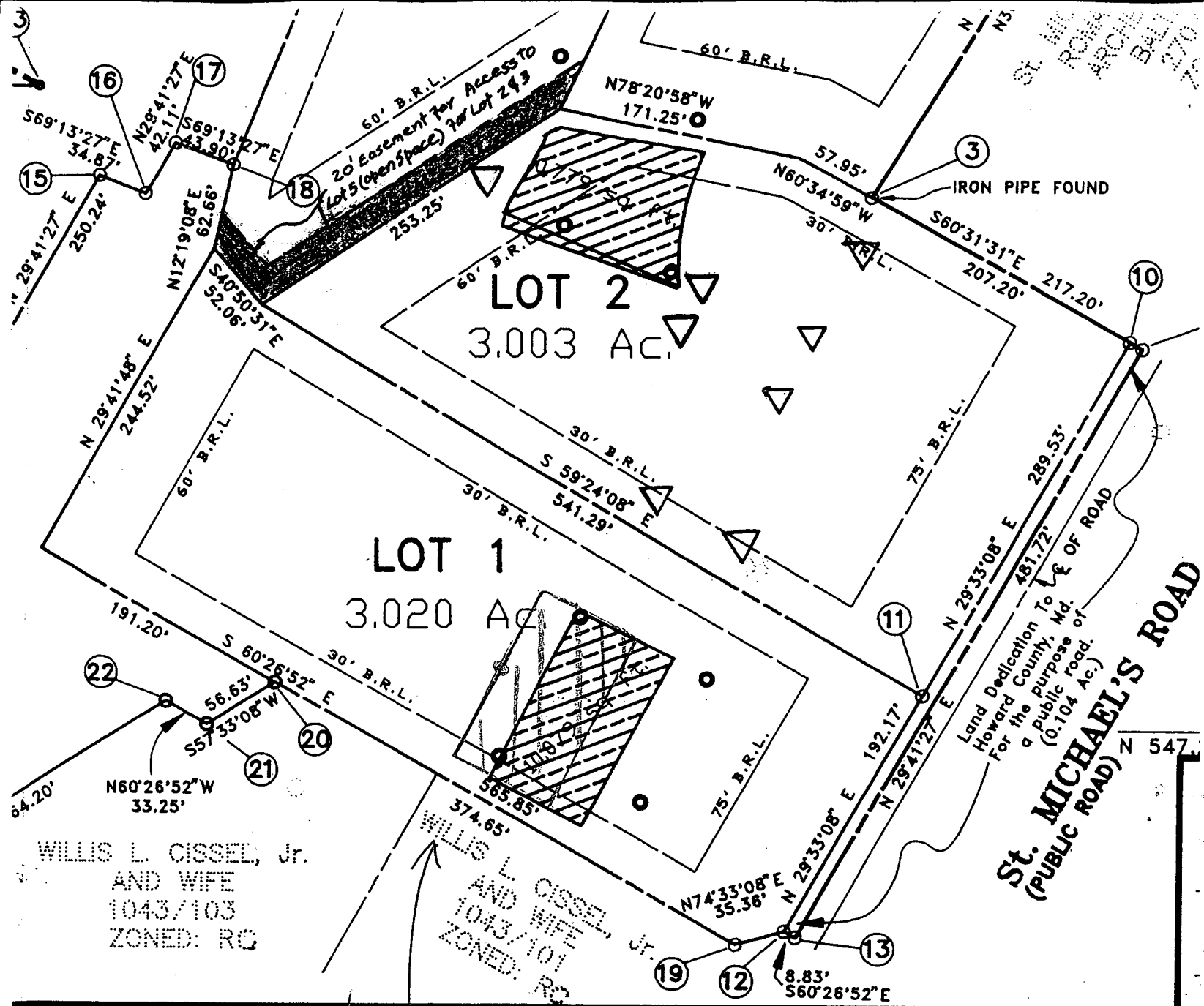
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM



**STATEMENT**

3/31/00  
PREVIOUSLY DESIGNED

owners of the property shown and described hereon, in full and final satisfaction of the approval of this final plat to establish the minimum building restriction and to assign, 1) the right to install water pipes and other municipal utilities, 2) the rights-of-way and the specific easements for public use, the beds of the streets where applicable, and for good and other and option to Howard County, Maryland to acquire roads and floodplains, storm drainage, 3) the right to require dedication of waterway and of their construction, repair and maintenance, and any kind shall be erected on or over the said

**SURVEYOR'S CERTIFICATE**

ADJUSTMENT OK,  
DISCUSSED w/BCDR

I hereby certify that the final plat shown hereon is correct; it is a subdivision of part of the lands conveyed by (1) A. Roby Hardy and Raymond E. Hardy, to Willis L. Cissel, Jr. Et. Ux., by deed dated June 19, 1978 and recorded among The Land Records of Howard County, Maryland in Liber 890 at Folio 675 (2) part of the lands conveyed by Gladhill Properties, Inc. to Willis Lambert Cissel, Jr., Et. Ux., by deed dated February 13, 1981 and recorded among the aforesaid land records in Liber 1043 at Folio 101 and (3) a part of the lands conveyed by Gladhill Properties, Inc. to Willis Lambert Cissel, Jr., Et Ux. By deed dated February 13, 1981 and recorded among the aforesaid land records in Liber 1043 at Folio 103 (4) lands conveyed by confirmatory deed dated March 19, 1993 and recorded among the aforesaid land records in Liber 2806 at Folio 2806

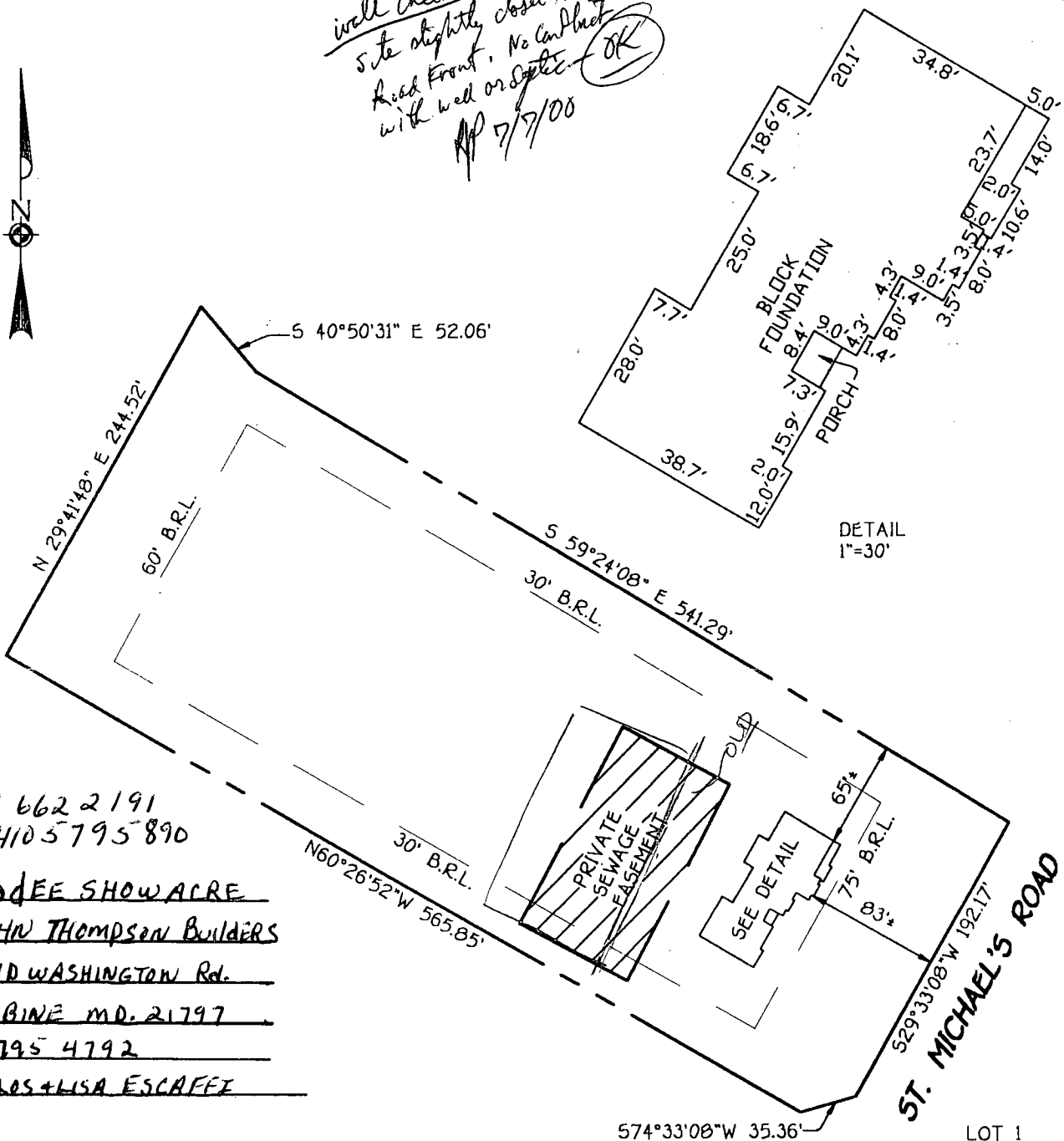
*Willis Cissel*  
12 11

*W. L. Cissel, Jr.* 21002

# GENERAL NOTES:

- 1) THIS PLAT 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 CONTEMPLATED TRANSFER, FINANCING OR RE-FINANCING. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS PLAT 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 PLAT DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINE, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR 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. 240044 0007, EFFECTIVE DATE: DEC. 4, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 1' PLUS OR MINUS (±).

*will check site slightly closer to Road Front. No conduct with well or Septic. OK AP 7/9/00*



PH 301 662 2191  
 FAX 410 5795 890  
 To JADEE SHOWACRE  
 FR JOHN THOMPSON BUILDERS  
7411 OLD WASHINGTON Rd.  
WOODBINE MD. 21797  
410 795 4792  
 FOR CARLOS + LISA ESCAFFE

TOP OF FOUNDATION ELEV. 755.5±  
 B.R.L. = BUILDING RESTRICTION LINE

LOT 1  
 STEVEN'S DELIGHT  
 LOTS 1 THRU 5  
 4TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 PLAT REF. 10927

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MARYLAND 21042  
 (410) 461 - 2855



*[Signature]*  
 PROFESSIONAL LAND SURVEYOR DATE  
 REG. • 10769

## HOUSE LOCATION DRAWING

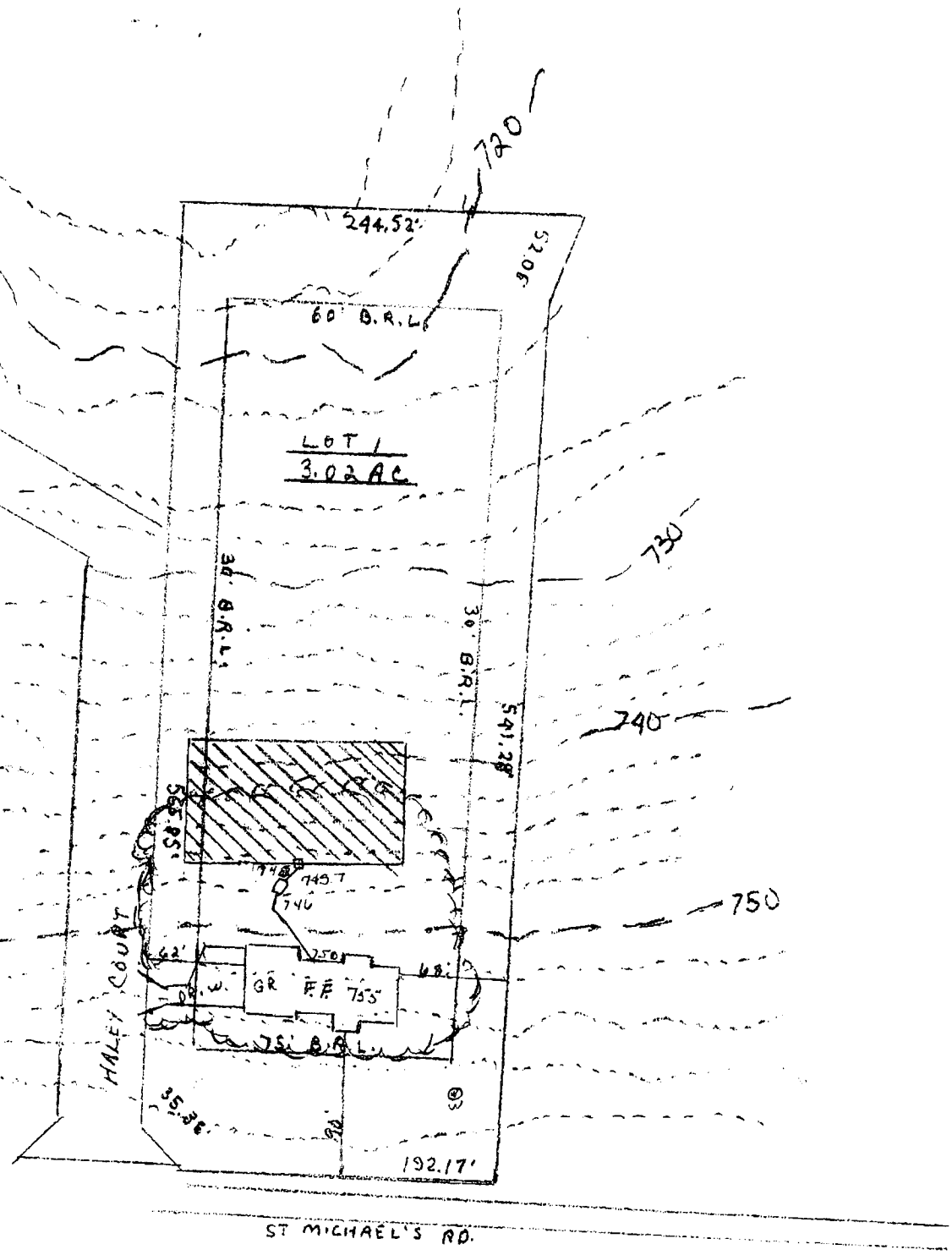
FOUNDATION LOCATION: 6/16/00  
 FINAL LOCATION: \_\_\_\_\_  
 BOUNDARY SURVEY: \_\_\_\_\_

SCALE: 1"=100'  
 DATE: 6/19/00  
 DRAWN BY: T.P.E.  
 CHECKED BY: C.C.  
 PROJECT No.: 91000

total linear feet of trench required 320 feet  
 width of trench(es) 30 feet  
 depth of trench(es) 40 feet  
 depth of stone required below distribution pipe 20 feet

Approved Septic System Plan  
 Howard County Health Department

James McMill  
 Signature  
5/3/00  
 Date



CARLOS + LISA ESCAFFI RESIDE.  
1240 ST. MICHAEL'S RD. MT AIRY MD

C-1 06764

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER AHT044

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED MM DD YY

07 06 95

345 (TO NEAREST FOOT)

HO-94-2267

OWNER Cissel Lambert STREET OR RFD Hardy + St. Michaels TOWN Poplar Springs SUBDIVISION Steven's Delight SECTION LOT 1

WELL LOG

Not required for driven wells

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C) NO. OF BAGS 7 NO. OF POUNDS 300 GALLONS OF WATER 42 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 20

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 2. METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 37 WHEN PUMPING 142 TYPE OF PUMP USED (for test) S submersible

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Top Soil, Brown Shale, Blue Slate, etc.

CASING RECORD (S) (T) (C) (O) (P) (L) (O) (T) MAIN CASING TYPE PL Nominal diameter 6 Total depth 22

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD (S) (T) (B) (R) (H) (O) (P) (L) (O) (T) screen type or open hole insert appropriate code below

DEPTH (nearest ft.) HO 20 345

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y) (N)

CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 M SD 116 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 M SD 112 DRILLERS SIGNATURE

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

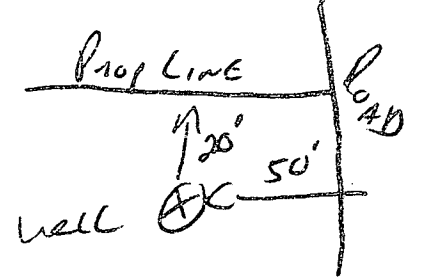
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) (YES) (NO)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height) (+) above ( ) below LAND SURFACE (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



**FIELD DATA SHEET**  
**HOWARD COUNTY WELL YIELD TEST**

Well Permit No. HO - 94-2267  
 Location of property (road) Hardy + St. Michaels  
 Subdivision Steven's Delight Lot      Block      Plat      Sec.       
 Well Driller Ralph Mayne Owner Lambert Cissel

Depth of well 345 ft  
 Distance of measuring point (M.P.) above ground 2 ft  
 Static water level (S.W.L.) below M.P. 37 ft

**I. High rate pumping -- reservoir drawdown**

Time pump started 8:15 Pumping rate 12 GPM  
 Total time 30 min to reach pumping water level 142 ft. below M.P.

**II. Recovery pump test data - observations to be recorded every 15 minutes**

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill <u>5</u> gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:45	142 ft	30 Sec		2 GPM
9:00	142 ft	30 Sec		2 GPM
9:15	142 ft	30 Sec	22 casing	2 GPM
9:30	142 "	30 "	2 open	2 "
9:45	142 "	30 "	7345	2 "
10:00	142 "	30 "		2 "
10:15	142 ft	30 Sec		2 GPM
10:30	142 ft	30 Sec		2 GPM
10:45	142 ft	30 Sec		2 GPM
11:00	142 "	30 "		2 "
11:15	142 "	30 "		2 "
11:30	142 "	30 "		2 "
11:45	142 ft	30 Sec		2 GPM
12:00	142 ft	30 Sec		2 GPM
12:15	142 ft	30 Sec		2 GPM
12:30	142 "	30 "		2 "
12:45	142 "	30 "		2 "
1:00	142 "	30 "		2 "
1:15	142 ft	30 Sec		2 GPM
1:30	142 ft	30 Sec		2 GPM
1:45	142 ft	30 Sec		2 GPM
2:00	142 "	30 "		2 "
2:15	142 "	30 "		2 "
2:30	142 ft	30 Sec		2 GPM
2:45	142 ft	30 Sec		2 GPM



B 1 4747

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

H0-94-2267 fill in this form completely

Date Received (APA) 12 18 98

OWNER INFORMATION

CISSEL Lambert 3425 HIPSLEY MILL Rd Woodbine MD 21097

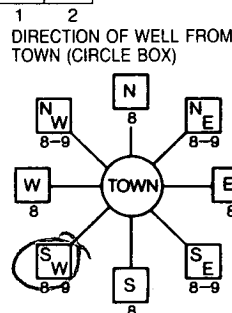
LOCATION OF WELL

Howard Springs Hattow Steven's Delight Podar Springs

DRILLER INFORMATION

Ralph Mayne MSD 116 Ralph Mayne Well Drilling 9120 Brown Church Rd Mt Airy

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



St. Michels Rd.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST EAST SOUTH

TAX MAP: 7 BLK: 8 PARCEL 341

WELL INFORMATION

APPROX. PUMPING RATE 5 APPROX. DAILY QUANTITY NEEDED 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION I INDUSTRIAL, COMMERCIAL, DEWATERING P PUBLIC WATER SUPPLY WELL T TEST, OBSERVATION, MONITORING G GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A47044 COUNTY NAME COUNTY NO. STATE SIGNATURE Mark E. Felkin 5/27/00 DATE ISSUED 05 27 99 CO SIGNATURE EXP. DATE NORTH GRID 548 000 EAST GRID 0769 000

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 64 INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) AIR-ROTARY JETTED AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVerse-ROTary DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS D THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER GAP

PERMIT No. H0-94-2267

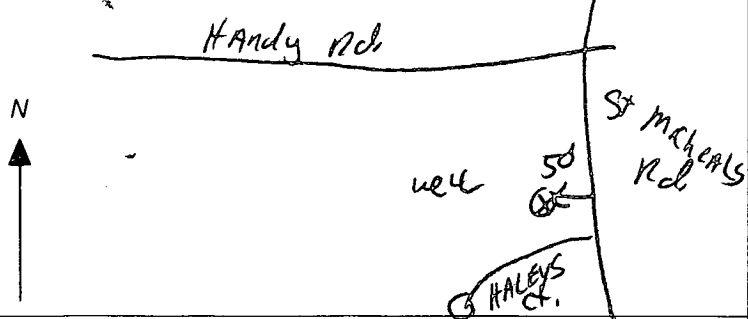
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. well 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

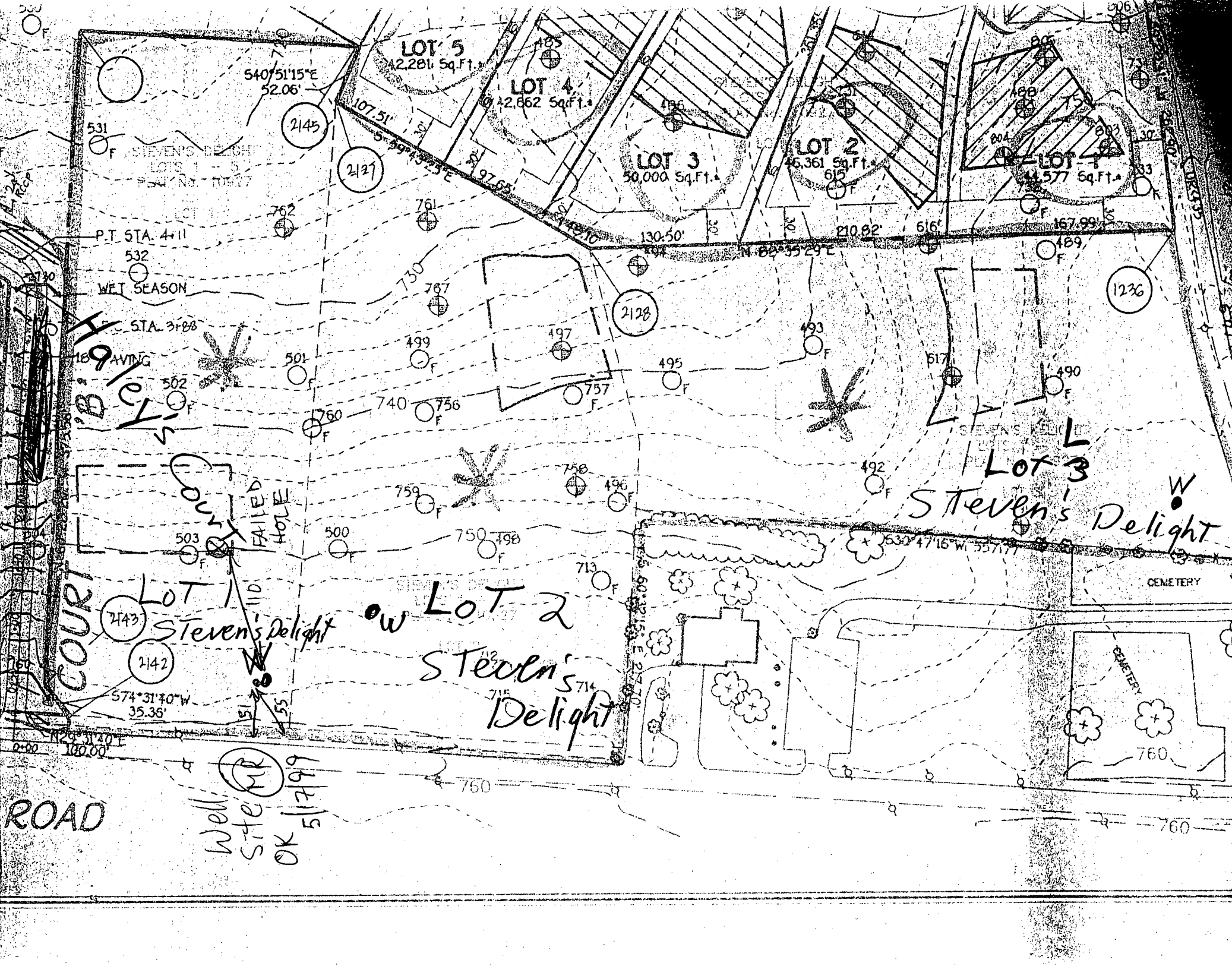
E 2069 N 54048

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



LOT 5  
42,281 Sq. Ft.

LOT 4  
42,862 Sq. Ft.

LOT 3  
50,000 Sq. Ft.

LOT 2  
46,361 Sq. Ft.

LOT 1  
44,577 Sq. Ft.

540°51'15"E  
52.06'

STEVEN'S DELIGHT  
LOTS 1 - 5  
P.O. No. 11817

P.T. STA. 4+11

WET SEASON

P.T. STA. 3+28

189 AVING

COURT

ROAD

LOT 1  
Stevens' Delight

LOT 2  
Stevens' Delight

LOT 3  
Stevens' Delight

CEMETERY

CEMETERY

Well site OK 5/7/99

Failed hole

2143

2142

574°31'40"W  
35.36'

112°31'40"E  
100.00'

760

760

2145

2127

762

761

767

499

497

2128

495

493

517

490

1236

502

501

760

740

756

757

503

500

759

750

498

758

496

492

713

715

630°47'16"W  
55.71'

760