

LAYOUT 10/31/03-2PM INSP 4 11/10/03 3pm
INSP 2 11/10/03 9:30 INSP 5 2/5/04 - 1:30 PM
INSP 3 11/5/03 1pm INSP 6 _____

ISSUE DATE: 9/30/2003

APPROVAL DATE: 2/5/04

PERMIT

INDEXED

P 519593

A 47048

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

Pa by BARNARD BROS CONSTRUCTION

Fogles Septic Clean, Inc INSTALLER IS PERMITTED TO INSTALL ☒ ALTER ☐

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

SUBDIVISION: Scott's Delight LOT NUMBER: 1

ADDRESS: 1320 St. Michael's Road PROPERTY OWNER: Edward Knutson

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

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED ☐

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 300 HOUSE SERVED BY PUBLIC WATER ☐

TRENCHES:	Trench to be <u>2.0</u> feet wide. Inlet <u>4.5</u> feet below original grade. Bottom maximum depth <u>7.5</u> feet below original grade. Effective area begins at <u>7.5</u> feet below original grade. <u>2.0</u> feet of stone below distribution pipe. <u>3'</u> <u>50</u>
LOCATION:	Starting from the closest bend in the left lot line, place the distribution box 130' down the left lot line and 10' from the left lot line. Run (4) trenches as shown on plan, with the first trench 10' higher than the distribution box.
NOTES:	Maintain 100' between the trenches and the well.

PLANS APPROVED: MER DATE: 8/15/03

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**

BUILDING PERMIT SIGNED ANY REQUEST FOR INSPECTION ON VOICEMAIL

AND RETURNED

11/21/03 B00145144 500 gal UG PROPANE TANK

A47048

[illegible]

SEPTIC TANK 1 LEVEL ✓

CAPACITY 1500 GAL

SEAM LOC Top

TANK LID DEPTH 1'

BAFFLES ✓

BAFFLE FILTER ✓

MANHOLE LOC Center

6" PORT LOC Front

WATERTIGHT TEST ✓

SEPTIC TANK 2 LEVEL ✓

CAPACITY 1500 GAL

SEAM LOC Top

TANK LID DEPTH 1'


BAFFLES ✓

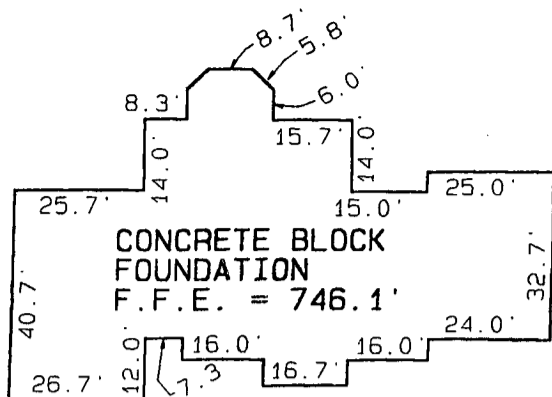
BAFFLE FILTER ✓

MANHOLE LOC Center

6" PORT LOC Front

WATERTIGHT TEST ✓

FINAL INSPECTOR  DATE OF APPROVAL 2/5/04



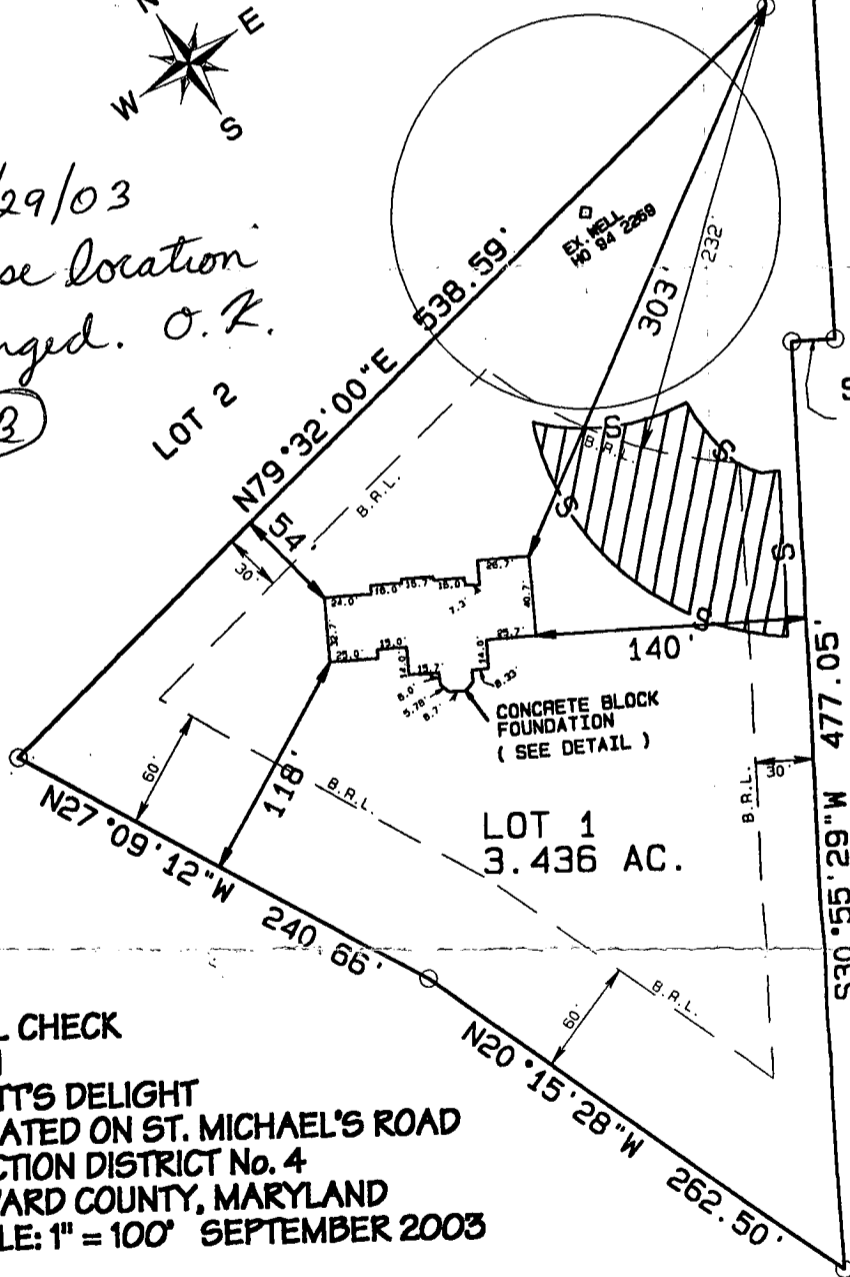
HOUSE DETAIL
(N.T.S.)

NOTE: FOOTINGS AND FOUNDATION ARE IN PLACE.

"THE EXISTING WELL SHOWN ON THIS PLAN, HO 94 2269, HAS BEEN FIELD LOCATED BY RAYMOND DAY, PROPERTY LINE SURVEYOR, AND IS ACCURATELY SHOWN"



9/29/03
House location
unchanged. O.K.
(BB)



WALL CHECK
LOT 1
SCOTT'S DELIGHT
SITUATED ON ST. MICHAEL'S ROAD
ELECTION DISTRICT No. 4
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' SEPTEMBER 2003



9/24/03

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.

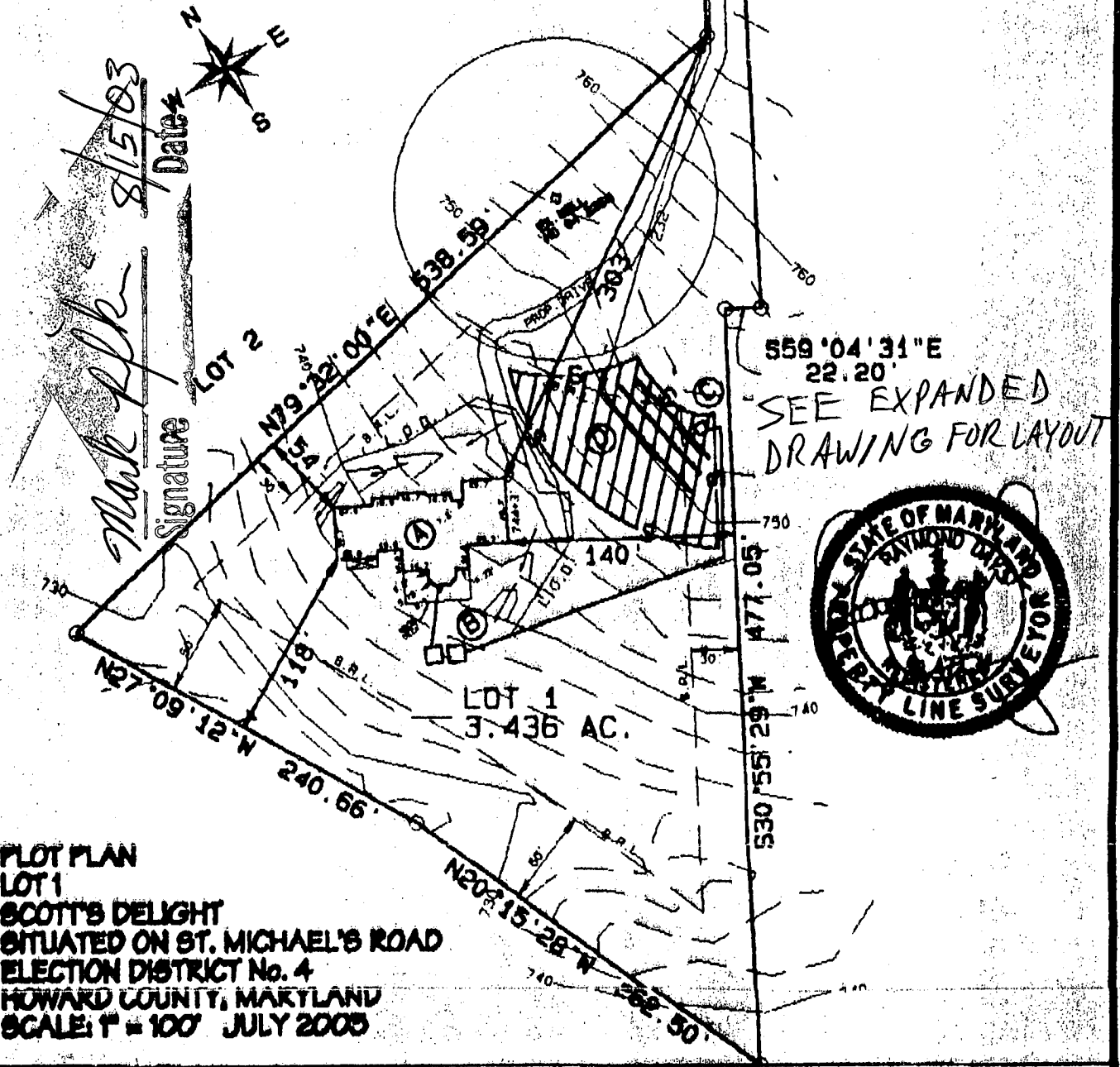
RAYMOND J. DAY
LAND SURVEYOR
65 DRIFTWOOD DRIVE
SWANTON, MARYLAND 21561
301-387-5939 301-616-7199

REFERENCE
PLAT No. 10926

JOB NO.

Approved Septic System Plan
Howard County Health Department

- (A) = Prop. 5 Bedroom House
F.F.E. = 746.0'
B'amt. Elev. = 736.0'
Inv. Elev. = 734.0'
- (B) = Prop. Septic Tank & Pump Chamber
Ex. Elev. = 737.0'
Inv. In = 733.6'
Inv. Out = 733.3'
- (C) = Prop. Dist. Box
Ex. Elev. = 753.0'
Inv. Elev. = 749.8'
- (D) = Prop. Trenches
Inv. Elev. = 749.5'
Length to be determined
at time of septic permit
issuance.



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.

PLAT # REFERENCE
10226

JOB NO.

RAYMOND J. DAY
LAND SURVEYOR
65 DRIFTWOOD DRIVE
SWANTON, MARYLAND 21561
301-387-5939 301-616-7199

C106762

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

A47048

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

HO-74-2269

DATE RECEIVED
MM DD YY

07 24 99

Depth of Well

22 385 26

(TO NEAREST FOOT)

OWNER

Cissel Lambert

STREET OR RFD

1400 St. Michael's Rd

TOWN

Poplar Springs

SUBDIVISION

Scott's Delight

SECTION

LOT

1

WELL LOG

Not required for driven wells

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

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
Top Soil	0	2	
Brown Shale	2	15	
Brown Slate	15	20	
Blue Slate	20	50	
Brown Slate	50	55	
Blue Slate	55	385	

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

YES ☒ NO ☐

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT ☒ BENTONITE CLAY ☐

NO. OF BAGS

7

NO. OF POUNDS

700

GALLONS OF WATER

42

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 24 ft.

(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below

STEEL ☒ CONCRETE ☐

PLASTIC ☐ OTHER ☐

MAIN CASING TYPE

PL

Nominal diameter
top (main) casing
(nearest inch)

6

Total depth
of main casing
(nearest foot)

26

OTHER CASING (if used)

diameter
inch

depth (feet)
from to

SCREEN RECORD

screen type
or open hole

STEEL ☒ BRASS ☐

BRONZE ☐ OPEN HOLE ☐

PLASTIC ☐ OTHER ☐

C3

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

54 ft.

WHEN PUMPING

185 ft.

TYPE OF PUMP USED (for test)

A air ☐ P piston ☐ T turbine ☐

C centrifugal ☐ R rotary ☐ O other (describe below) ☐

J jet ☐ S submersible ☒

NUMBER OF UNSUCCESSFUL WELLS:

0

WELL HYDROFRACTURED

YES ☐ NO ☒

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

MSD 116

DRILLERS SIGNATURE

Thane Mays

(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1

MSD 112

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

C2

DEPTH (nearest ft.)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76

E 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76

SLOT SIZE 1 2 3

DIAMETER
OF SCREEN

(NEAREST
INCH)

56 60

from to

GRAVEL PACK
IF WELL DRILLED
WAS FLOWING WELL
INSERT F IN BOX 68

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 OR NO)

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.

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 } LAND SURFACE

- below } 2 (nearest foot)

49 50 51

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)

Res

Bag Line

well

Pay Line

B 1	1902	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER <u>HO - 94 - 2269</u> <small>70 fill in this form completely 79</small>
Date Received (APA) <u>12 18 98</u> <small>8 MM DD YY 13</small>		OWNER INFORMATION		
15 Last Name <u>CISSEL</u>		Owner <u>Cambert</u>		34 First Name
36 Street or RFD <u>3425 HipSley Mill Rd.</u>		55		
57 Town <u>Woodbine MD.</u>		70 State	72 Zip	76
DRILLER INFORMATION				
Driller's Name <u>Ralph Mayne</u>		MS D 116 76 License No. 81		
Firm Name <u>Ralph Mayne well Drilling</u>				
Address <u>9120 Brown Church Rd. Mt Airy</u>				
Signature <u>Ralph Mayne</u> Date <u>12-9-98</u>				
B 2		WELL INFORMATION		
1 2		APPROX. PUMPING RATE (GAL. PER MIN.)		
		8 <u>500</u> 12		
		AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)		
		14 <u>500</u> 20		
USE FOR WATER (CIRCLE APPROPRIATE BOX)				
<input checked="" type="checkbox"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION				
<input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)				
22 <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING				
<input type="checkbox"/> PUBLIC WATER SUPPLY WELL				
<input type="checkbox"/> TEST, OBSERVATION, MONITORING				
<input type="checkbox"/> GEO-THERMAL				
APPROXIMATE DEPTH OF WELL <u>150</u> FEET <small>24 28</small>				
APPROXIMATE DIAMETER OF WELL <u>6"</u> INCH				
METHOD OF DRILLING (circle one)				
BORED (or Augered) <input checked="" type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN <input type="checkbox"/>				
30 <u>AIR-ROTARY</u> AIR-PERCussion ROTARY (Hydraulic Rotary)				
37 <u>CABLE</u> REVERSE-ROTary DRIVE-POINT				
other _____				
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)				
<input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL				
<input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED				
39 <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS				
<input type="checkbox"/> THIS WELL WILL DEEPEN AN EXISTING WELL				
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52				
Not to be filled in by driller (MDE OR COUNTY USE ONLY)				
APPROX. PERMIT NUMBER 54 _____ 63				
PERMIT No. <u>HO - 94 - 2269</u> <small>70 71 72 73 74 75 76 77 78 79</small>				
B 3		LOCATION OF WELL		
8 COUNTY <u>Howard</u>		21		
23 SUBDIVISION <u>Scotts Delight</u>		42		
SECTION <u>I</u>		LOT <u>I</u>		
44 46		48 50		
52 NEAREST TOWN <u>Poplar Springs</u>		71		
MILES FROM TOWN (enter 0 if in town) <u>I</u> M I <small>73 76 77 78</small>				
B 4		DIRECTION OF WELL FROM TOWN (CIRCLE BOX)		
1 2				
11		NEAR WHAT ROAD <u>HALEYS CT.</u>		
34		37		
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)				
DISTANCE FROM ROAD <u>250</u>		ENTER FT OR MI <u>FT</u>		
TAX MAP: <u>7</u>		BLK: <u>8</u> PARCEL <u>38</u>		
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL				
<u>Howard</u>		<u>A47048</u>		
COUNTY NAME		COUNTY NO.		
STATE SIGNATURE		INSERT S →		
DATE ISSUED <u>05 27 99</u>		<u>Mark E. Refkin</u> <u>5/22/00</u>		
43 MM DD YY 48		CO SIGNATURE EXP. DATE		
NORTH GRID <u>546</u>		EAST GRID <u>0769</u>		
50 55		57 63		
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X				
SOURCES OF DRILLING WATER				
1. <u>well</u>				
2.				
3.				
WRITE THE BOX NUMBER FROM THE MAP HERE				
E <u>7269</u>				
N <u>546</u>				
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 -				

Private 24' Wide Use-In-Common Driveway
Access Across Lots 21, 22, 25 And 24 For The
Use And Benefit Of Lots 1, 22, 23 And 24



APPLICATION

PERCOLATION TESTING

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

Preview of 200 ft buffer
to all streams. Expand
SDA to 10,000 sq ft minimum.
5391 JEN

A 47048

P _____

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.

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

PROSPECTIVE BUYER Same

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Scott's Delight LOT NO 1

ROAD AND DESCRIPTION 1400± St. Michael's Rd.

TAX MAP 7 PARCEL # 38

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 _____

REASONS FOR REJECTION OR HOLDING PERC OK - HOLD FOR PLAT 6/91

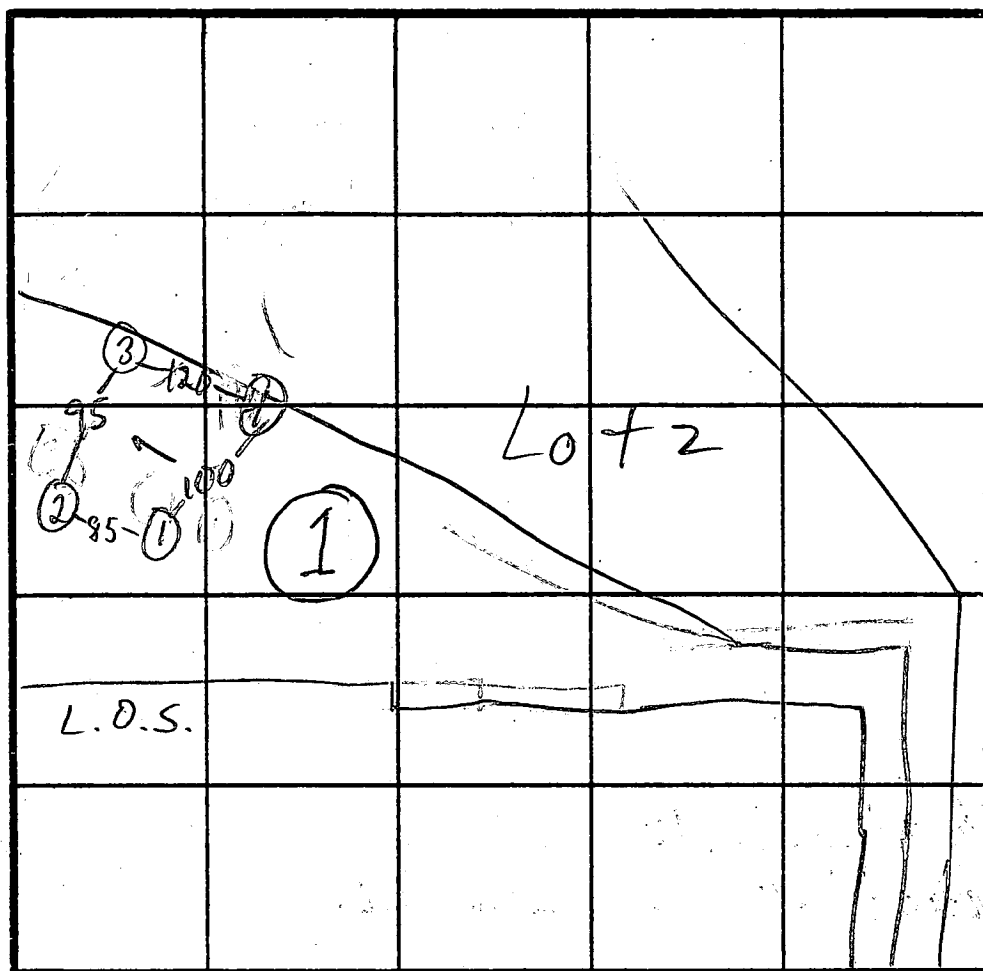
THIS IS NOT A PERMIT

Lot 1
A47048

① + ④

SOIL PROFILE

red sa
clay
loam
10% frags
red
brn
sand loam
15-20%
shale
frags
w/depth



Lot 3

X=13
240 BR
Inlet 4'
Bottom 7'

② + ③

brn sa
cl loam
20-25%
shale frags
red brn
sand loam
20-25%
shale frags
brn
sa loam
30-35%
shale frags

ST. MICHAEL RD

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/7/91	1 S	7	2:34	2:38	2:38	2:45	7
	1 V	13	see profile				
	2 S	(4/6)	2:37 3:23	2:53 3:33	1/2" REDIG VERY LITTLE PERC		
	2 V	12	sim to ③		20-30% frags thru out clay to 5'		
	3 S	4.5	2:44	2:49	2:49	3:20	(31)
	3 V	13	see profile				
	4 S	(4/7)	3:11 3:14	SLOW 3:25	REDIG 3:25	3:33	8
6/25/91 6/27/91	4 S ₂	6	2:59	3:04	3:04	3:19	15
	4 V	12	sim to ① more or less red				
6/25/91	2 S ₂	10 1/2	3:26-30	3:27-30	3:27-30	3:31:00	3 1/2

REMARKS

HOLES PER PLAN, IN WORDS

TYPE OF SOIL

M. Rifkin

TESTED BY

ALSO PRESENT

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 Scott'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

0' ^{5' 10"} (A)
 orge
 si cl lm
 4
 bra
 si lm
 25-35%
 frags
 ↑ w/depth
 1
 75

0°

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/2/99	A M	8	2:59 3:00	3:01	3:01	3:00 3:02	30 sec 1
	A V	12 1/2	FALC DUE TO Rx & Time				
	B S	4 1/2	3:19	3:22	3:22	3:27	5
	B M V	7 11 1/2	3:33	3:35	3:35	3:38	3
8/23/96	513 S	8	12:03	12:04	12:04	12:05	1
	513 V	11					

REMARKS

TYPE OF SOIL

TESTED BY

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

38

COUNTY #

SOIL PROFILE

512 639

red
brown
silm
15%
shale

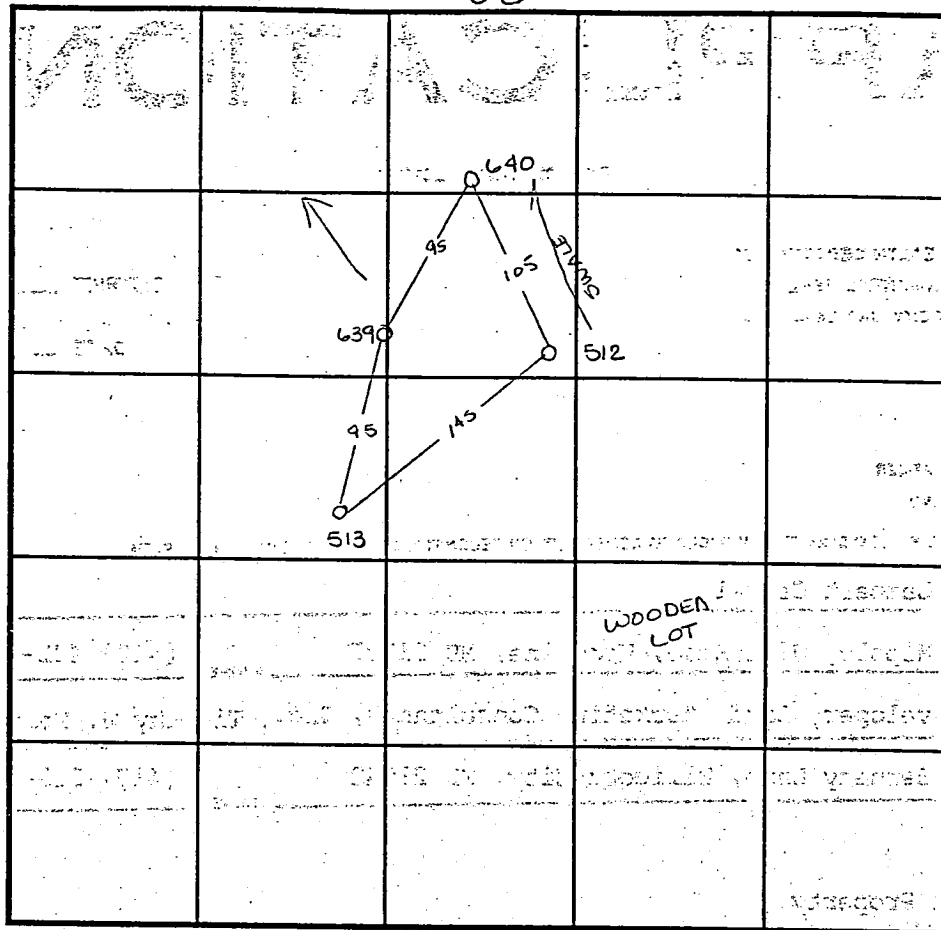
pockets
of
30%
bright
red
silm

513

yellow
red
mottled
silm
20%
shale

red
silm
30%
shale
flags

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-22-96	640	insufficient depth to bedrock					F
	512	3.0 vib.0	11:30 ³⁰	11:31 ³⁰	11:31 ³⁰	11:32 ³⁰	1 1/2 min
	512	repour	11:33 ³⁰	11:35 ³⁰	11:35 ³⁰	11:37 ³⁰	2 min
	639	3.0 vib.0	11:38 ³⁰	11:38 ³⁰	11:38 ³⁰	11:39 ³⁰	30 sec
	639	repour	11:39 ³⁰	11:41 ³⁰	11:41 ³⁰	11:45 ³⁰	4 min
8-23-96	513	3.0 vib.0	12:03	12:04	12:04	12:05	1 min

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

COUNTY #

SOIL PROFILE

0' 641
orange
brn
silclm
2.0 red
orange
silclm
40%
Shale
7.0 red
silclm
20%
Shale
11.0

515

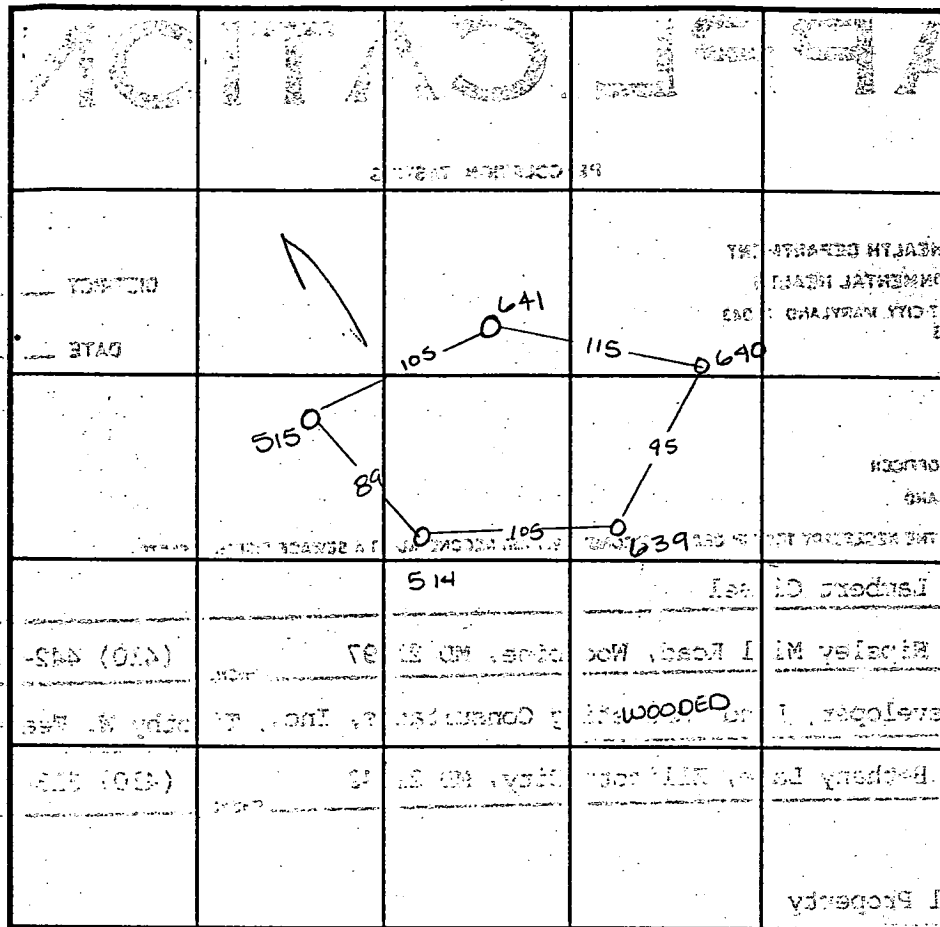
yellow
red
mottled
silclm
20%
shale
7.5

red
silclm
30%
Shale
flags
12.0

514

beigh
brown
silclm
15%
flags
7.0

red
silclm
40-50%
flags
11.0



SOIL PROFILE

0' 639
red
brown
silclm
15%
Shale
7.5 Pockets
of
30%
Rock
bright
red
silclm
12.0

50%
rock
at
5.0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ST Michael's Rd

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-22-96	640	Insufficient	depth to bedrock				F
8-28-96	641	4.0 vii.0	unable to time - continuous		pour would not fill hole		
	641	7.0 vii.0	"	"	"	"	F
	641	Perc	times too fast		for amt. of Rx		F
	515	4.0 vii.0	10:18	10:19	10:19	10:21	2min
8-22-96	514	2.0 vii.0	11:21	11:25	11:25	11:31	6min
	639	3.0 vii.0	11:38	11:38	11:38	11:39	30sec
	639	repour	11:39	11:41	11:41	11:45	4min

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

COUNTY #

SOIL PROFILE

641 642

SOIL PROFILE

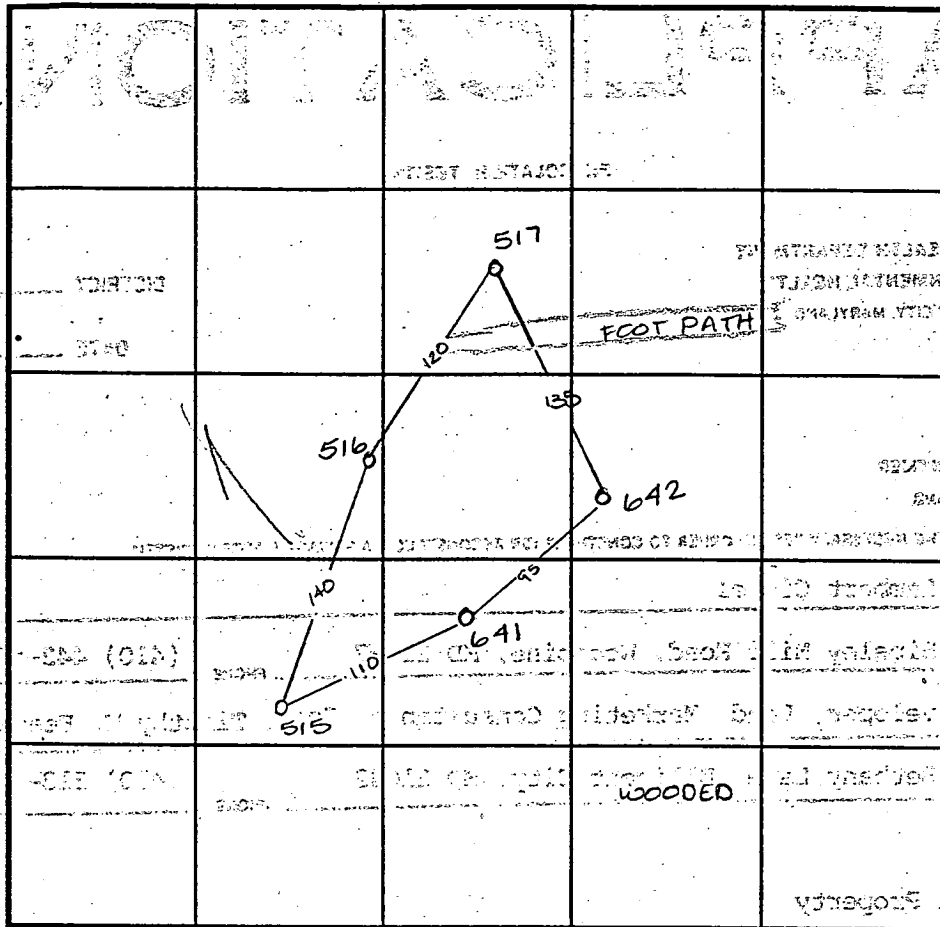
0' orange-brn Silm
2.0 red orange Silm 40% Shale
7.0 red Silm 20% Shale
11.0

515

yellow red mottled Silm 20% Shale
7.5 red Silm 30% shale frags

516

yellow brn Silm
2.5 yellow brown Silm 5% Shale
7.0 40% bright red Silm
11.5



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ST MICHAELS ROAD

517
550% rock at 5.5 refusal at 8.0

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-28-96	641	4.0 V11.0	unable pour	to time would not fill hole	continuous		
	641	7.0 V11.0	"	"	"	"	
	641	Perc times too fast			for am of Rx		F
	642	3.0 V12.0	11:56	11:57	11:57	11:59	2min
	515	4.0 V12.0	10:18	10:19	10:19	10:21	2min
	516	3.5 V11.5	10:22 ³⁰	10:23 ³⁰	10:23 ³⁰	10:24 ³⁰	1min
	516	repour	10:25	10:26 ³⁰	10:26 ³⁰	10:29	2 1/2 min
	517	insufficient depth			to bedrock		F

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT Tim Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

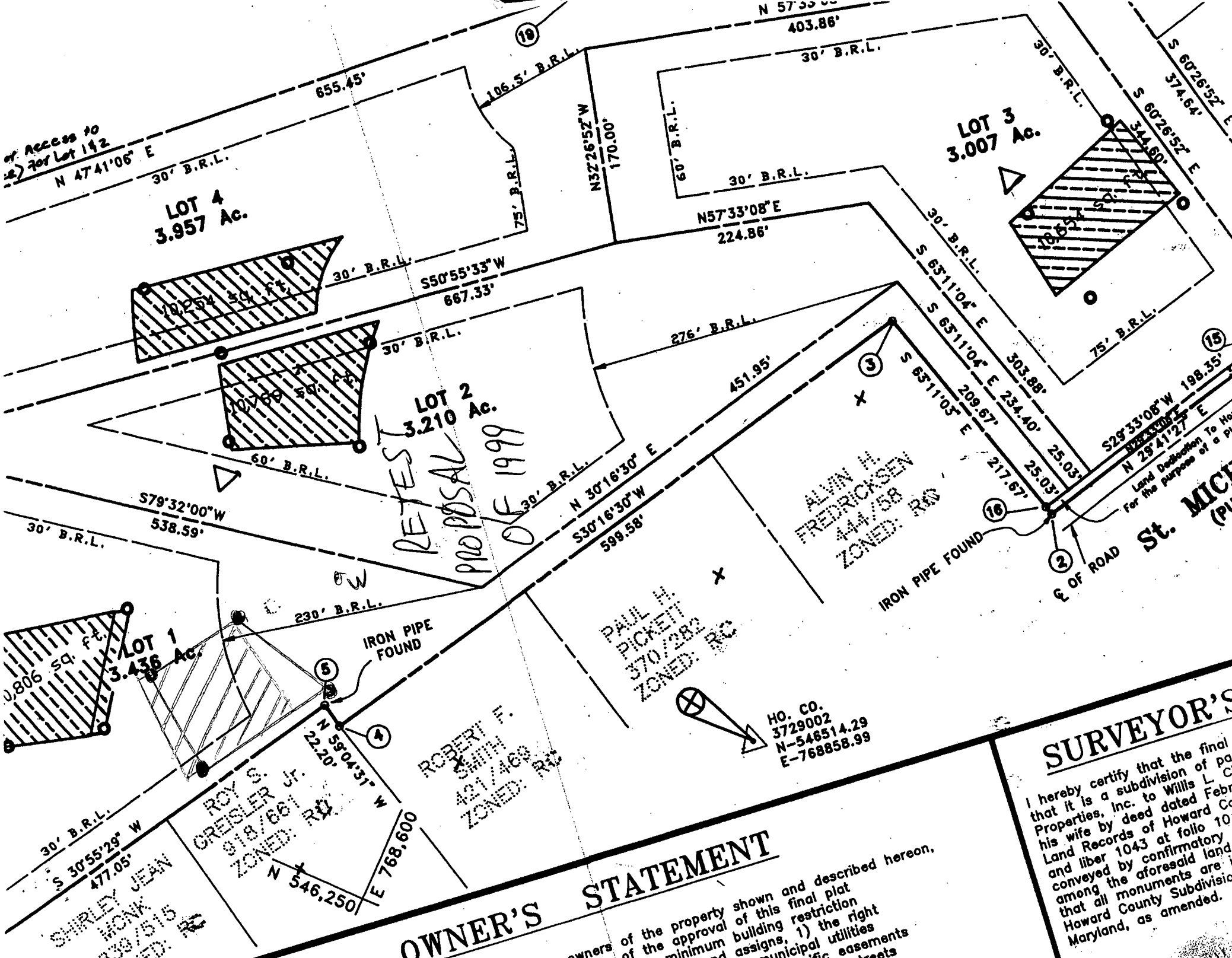
TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

of Access to
Lot 192



OWNER'S STATEMENT

I, the owners of the property shown and described herein, of the approval of this final plat minimum building restriction assigns, 1) the right municipal utilities easements

SURVEYOR'S

I hereby certify that the final that it is a subdivision of par Properties, Inc. to Willis L. Ci his wife by deed dated Febru Land Records of Howard Co and liber 1043 at folio 101 conveyed by confirmatory among the aforesaid land that all monuments are in Howard County Subdivision Maryland, as amended.

Land Dedication To How For the purpose of a put

St. MIC (PU)

HO. CO.
3729002
N-546514.29
E-768858.99

PAUL H.
PICKETT
370/282
ZONED: RC

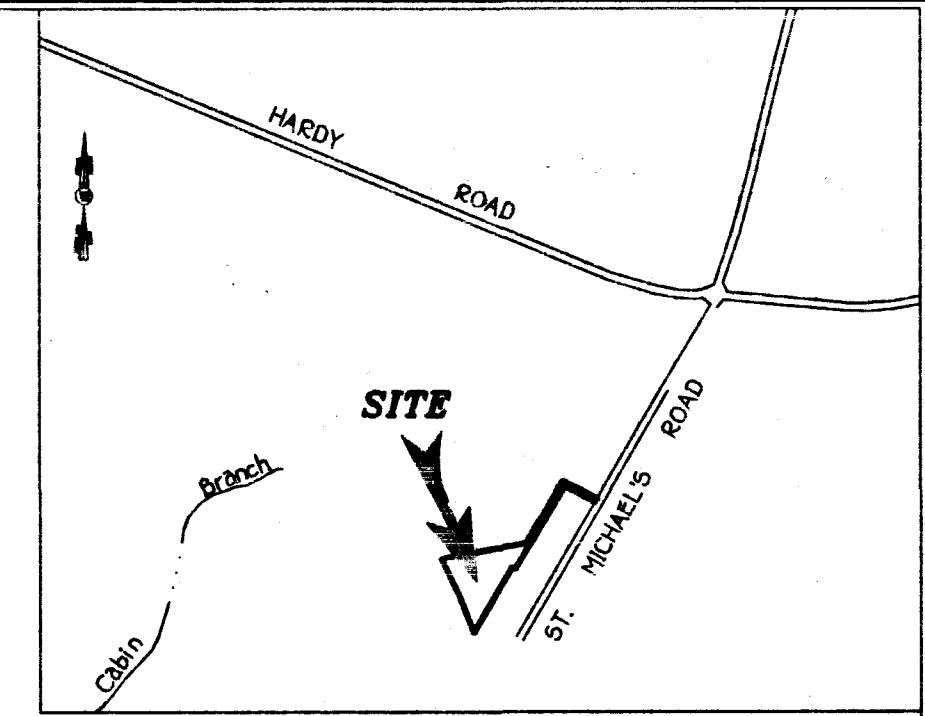
ALVIN H.
FREDRICKSEN
44/58
ZONED: RC

ROY S.
GREISLER JR.
918/661
ZONED: RC

SHIRLEY JEAN
MONK
939/515
ED. RC

SOILS LEGEND		
SOIL	NAME	CLASS
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
CuB	Cornus silt loam, local alluvium, 3 to 8 percent slopes	B
G1A	Glenelg loam, 0 to 3 percent slopes	B
G1B2	Glenelg loam, 3 to 8 percent slopes, moderately eroded	B
G1C2	Glenelg loam, 8 to 15 percent slopes, moderately eroded	B
G1C3	Glenelg loam, 8 to 15 percent slopes, severely eroded	B
M1B2	Manor loam, 3 to 8 percent slopes, moderately eroded	B
M1C2	Manor loam, 8 to 15 percent slopes, moderately eroded	B
M1C3	Manor loam, 8 to 15 percent slopes, severely eroded	B

NOTES:
 * Hydric soils and/or contains hydric inclusions
 ** May contain hydric inclusions
 † Generally only within 100-year floodplain areas

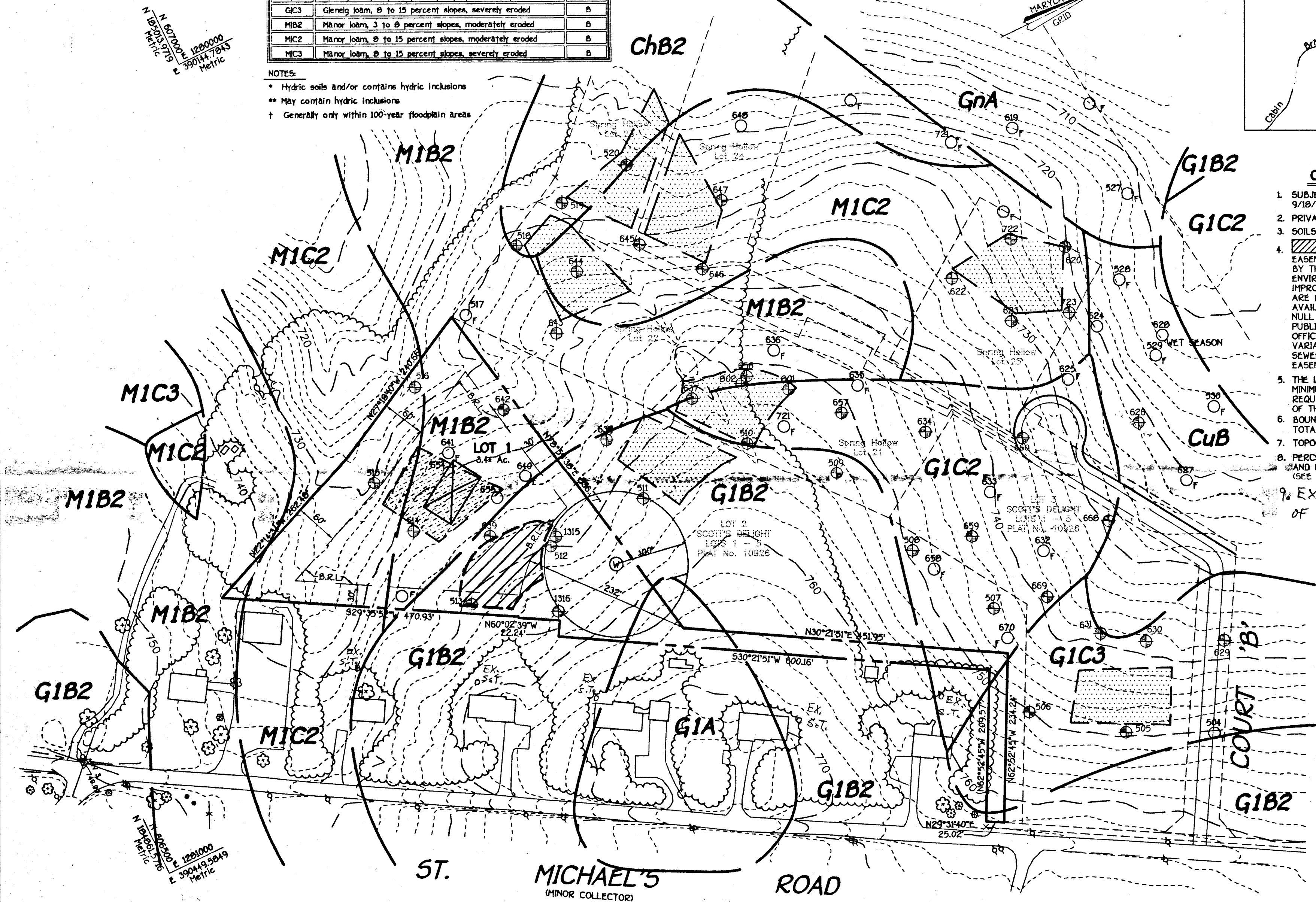


GENERAL NOTES

- SUBJECT PROPERTY ZONED "RC-DEO" PER 9/18/92 COMPREHENSIVE ZONING PLAN.
- PRIVATE WATER AND SEWER TO BE UTILIZED.
- SOILS MAP No. 8.
- THIS AREA DESIGNATES A PRIVATE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- BOUNDARY OUTLINE BASED ON RECORDED PLAT No. 10926. TOTAL TRACT AREA EQUALS 3.4 AC.
- TOPOGRAPHIC CONTOURS BASED ON AERIAL CONTOUR MAPS.
- PERCS SHOWN HEREON HAVE BEEN FIELD SURVEYED AND LOCATED BY FISHER, COLLINS & CARTER, INC. (SEE LEGEND FOR DESCRIPTION)
- EX. WELLS AND SEPTICS WITHIN 100 FT. OF PROP. BOUNDARY HAVE BEEN SHOWN.

LEGEND

- PERC AREAS FOR THIS SUBDIVISION
- PROPOSED WELL LOCATION
- POSSIBLE HOUSE SITE LOCATION
- GOOD PERCOLATION
- FAILED PERCOLATION
- EXISTING SEPTIC AREA ON LOT TO BE REMOVED
- EXISTING SEPTIC AREAS ON ADJACENT PROPERTY

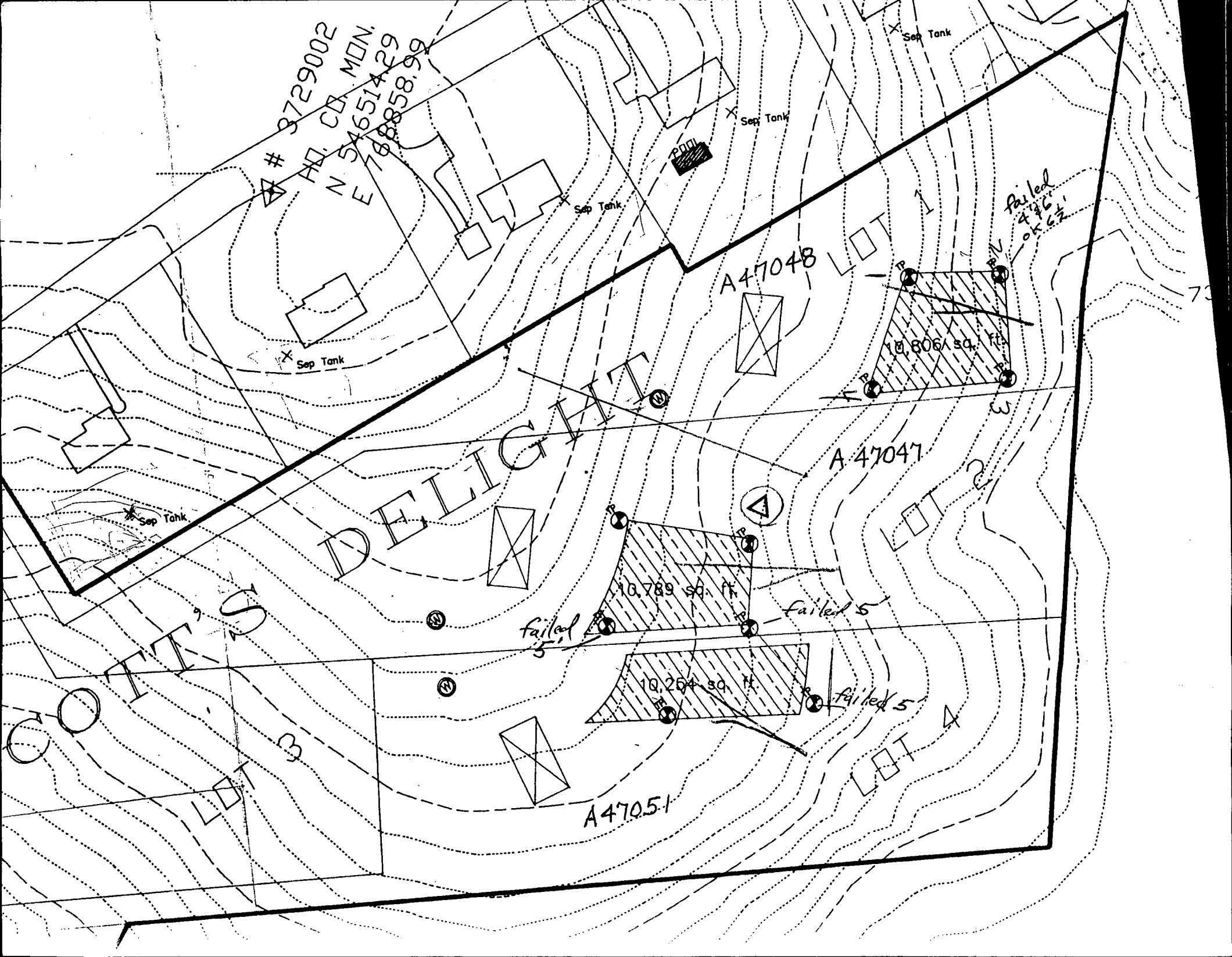


FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELICOTT CITY, MARYLAND 21042
 (410) 461-2255

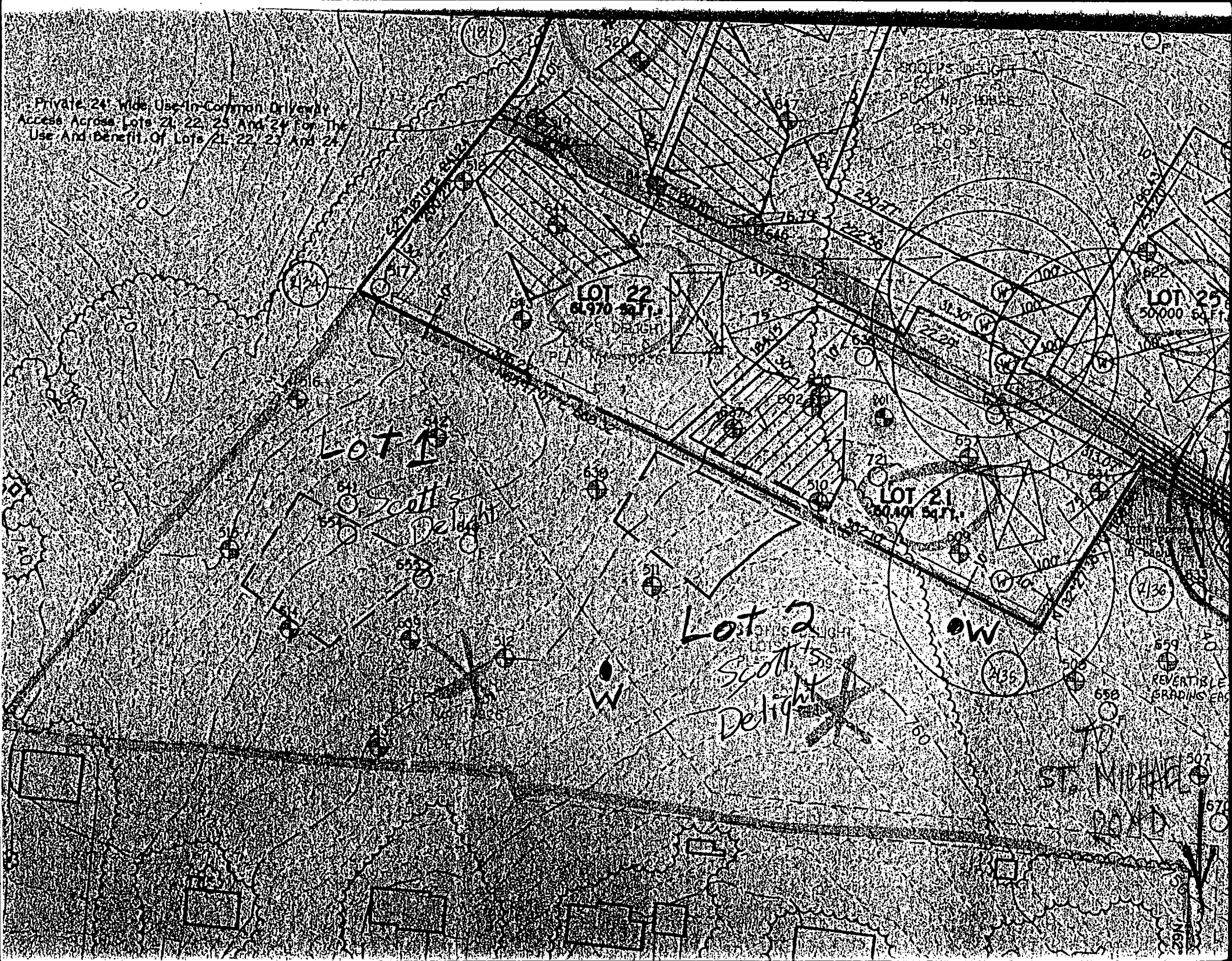
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT.
 COUNTY HEALTH OFFICER
 DATE: 1/31/02

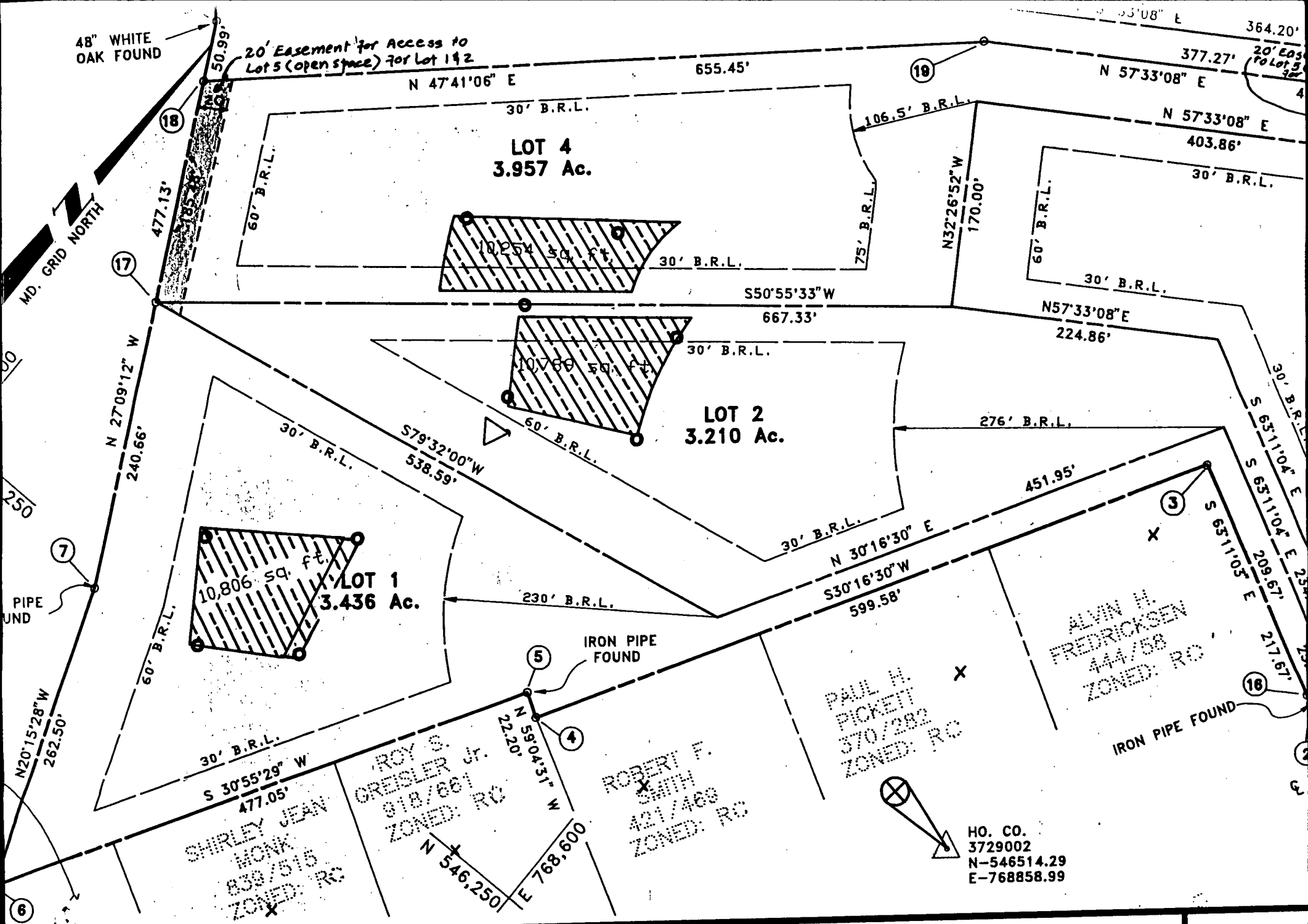


Perc Certification Plan
 Scott's Delight
 Lot 1
 Tax Map No. 7 Parcel No. 36
 Fourth Election District Howard County, Maryland
 Scale: 1" = 100'
 Date: December 17, 1999



Private 24' wide Use-In-Common Driveway
Access Across Lots 21, 22, 23 And 24 For The
Use And Benefit Of Lots 21, 22, 23 And 24





WATER AND PRIVATE
DEPARTMENT

OWNER'S STATEMENT

SURV

I hereby certify
that it is a s

Approved Septic System Plan
Howard County Health Department

LOT 2
Mark
Signature

8/15/03
Date

N79°32'00"E
538.59

PROP. 30' W

303'

10°30'00" 55'

(A)

(B)

140'

LOT 1
3.436 AC.

240.66'

S30°55'29"W 477.05'

N20°15'28"W

362.50'

11/21/03

Proposed

PROPANE
tank loc.

KN

DELIGHT
ON ST. MICHAEL'S ROAD
DISTRICT No. 4
COUNTY, MARYLAND
100 JULY 2003