

05-362074

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 516446A 45446DISTRICT 5thDATE 10/9/90

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

DATE SYSTEM APPROVED \_\_\_\_\_

INDEXED

INSPECTOR

Fogle's Septic Clean, Inc.IS PERMITTED TO INSTALL ☒ ALTER ☐ADDRESS 558 Obrecht Road, Sykesville, Maryland 21784PHONE 795-5670SUBDIVISION Swann Property LOT 1 ROAD 12650 Route 216 (Scaggville Rd)PROPERTY OWNER Bonnie Luepkes-nee Sraver-Heidel

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1000 GALLONSNUMBER OF BEDROOMS 3

BLDG. PERMIT SIGNED

AND RETURNED 6-10-98Serial # B70 112301  
Interior alterations - basement180 SQUARE FEET PER BEDROOMLINEAR FEET OF TRENCH REQUIRED 180TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.location - Place the distribution box 80 feet from the left lot line and 255 feet from the front lot line (Center line of Route 216). Run trenches on contour toward left lot line.NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK MKPLANS APPROVED BY Mark Rifkin DATE 7/31/90

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

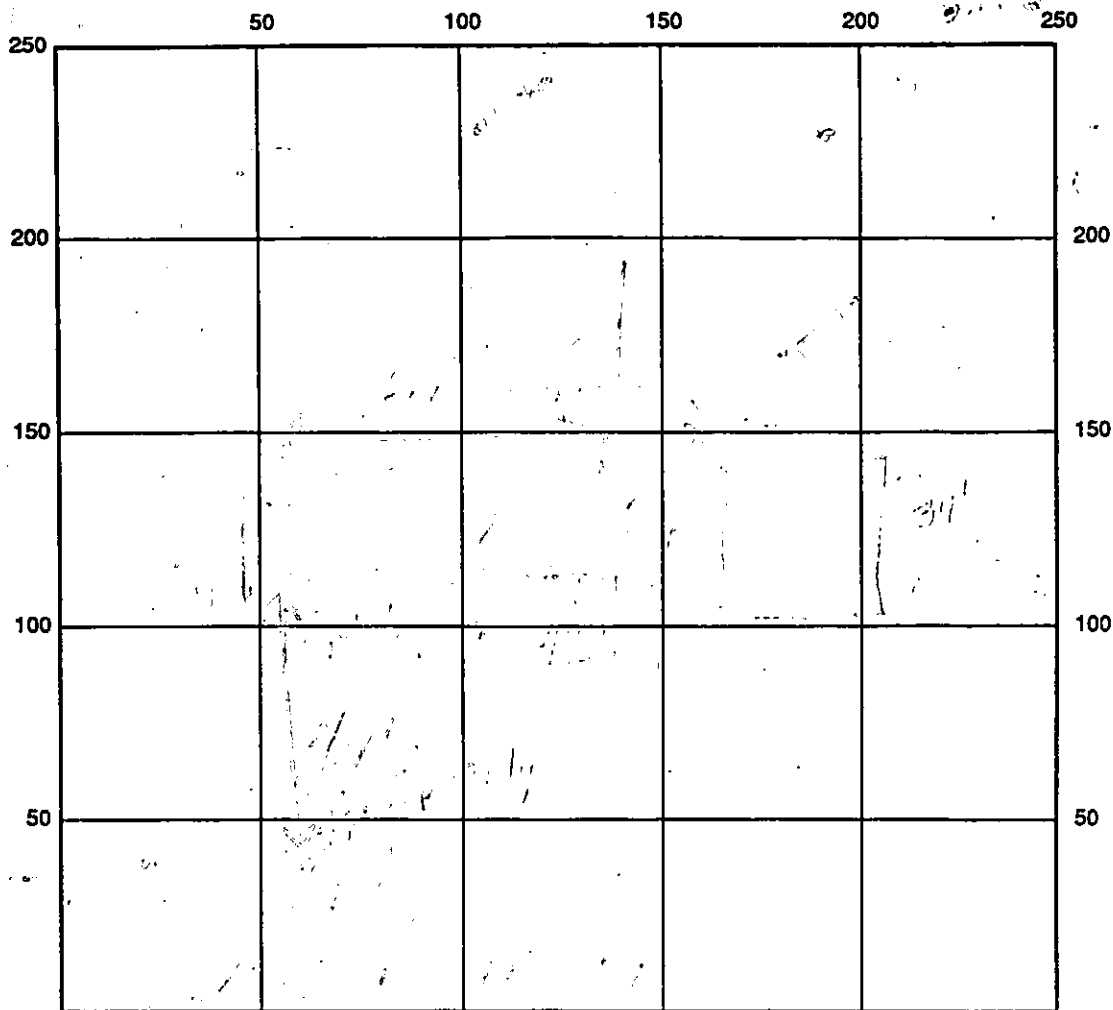
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

45446



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL \_\_\_\_\_ CLEANOUTS \_\_\_\_\_

DISTRIBUTION BOX LEVEL \_\_\_\_\_

DRAIN FIELD/TITLE DEPTH \_\_\_\_\_ FT. TRENCH WIDTH \_\_\_\_\_ FT. INLET DEPTH \_\_\_\_\_ FT.

EFFECTIVE GRAVEL DEPTH \_\_\_\_\_ FT. TOTAL LENGTH \_\_\_\_\_ FT.

NUMBER OF TRENCHES \_\_\_\_\_ ONE SIDEWALL/BOTTOM AREA \_\_\_\_\_ SQ. FT.

DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: DID NOT OBSERVE P.A. COVERED WITH DIRT  
GROUT VERY THIN 1/4", BROKE AWAY EASILY

DATE SYSTEM APPROVED \_\_\_\_\_ INSPECTOR \_\_\_\_\_



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## HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*  
October 26, 1990

*Reply to:*

Fogle's Septic Clean, Inc.  
558 Obrecht Road  
Sykesville, Maryland 21784

Attn: Dale Fogle

Re: Septic System  
Installation Permit  
P46466 - Lot 1  
Swann Property  
12648 Scaggsville Pike

Dear Mr. Fogle:

This is to confirm that permission was granted to cover the above referenced septic system installation without Health Department inspection.

Approval of the installation is contingent upon submission to this office of an "as-built" installation diagram providing location, size, depth, etc, of the system installed. The diagram should also contain a statement, signed and dated, attesting that the system was installed as per permit specifications, using approved materials and techniques.

Yours truly,

Craig Williams, Director  
Water and Sewerage Program

CW:cm

Enclosure

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

10/10/90 Anytime

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation X  
Replacement \_\_\_\_\_

Receipt # 46457  
Date Oct 5, 1990  
1 301-932-9611  
Telephone 1-800-332-7871

Name of Installer BEST MECHANICAL CONTRACTING

License Number 17960

Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber X

Name of Property Owner Bonnie Luepkes

Telephone 301-854-2150

Subdivision John T. Swann Lot # \_\_\_\_\_

Well Tag # \_\_\_\_\_

Site Address 12648 Scaggsville Rd.

Highland, Md. 20727

Pump

1. Type

- a. Deep well jet \_\_\_\_\_  
b. Shallow well jet \_\_\_\_\_  
c. Submersible X

2. Make Gould

3. Model # \_\_\_\_\_

4. Capacity 12 GPM

5. Pump exceeds well capacity Yes \_\_\_\_\_ No X

6. If Yes, is low pressure cutoff switch installed? Yes \_\_\_\_\_ No \_\_\_\_\_

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors X Cable guards X Other \_\_\_\_\_

Motor

1. Horsepower 3/4

2. RPM \_\_\_\_\_

3. Voltage \_\_\_\_\_

a. 110 \_\_\_\_\_

b. 220 X

Pitless Adapter

1. Make \_\_\_\_\_

2. Model # \_\_\_\_\_

3. Depth 4 ft.

Tank

1. Capacity 30 gallon

2. Pressure relief valve? Yes

Piping

1. Type Poly

2. Size 1"

3. NSF and/or BOCA Code approved Yes

4. Depth of supply line 2 min

Well data

1. Depth 150 ft.

2. Yield 15 GPM

3. Static water level 15 ft.

4. Will water supply be disinfected by installer? NO

10/15/90  
WELL LINE NOT OBSERVED, COVERED,  
ABOUT THIN - 1/4"  
FLARED AWAY EASILY, JIGGETCHES (C. Williams)

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Michael A. Smith

Date: October 5, 1990

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

10:00am  
3-6-90

# APPLICATION

PERCOLATION TESTING

A 45444  
P \_\_\_\_\_

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

Preview ok.  
Wet Season Testing  
Only. 1-10-90 JEN

DISTRICT \_\_\_\_\_  
DATE 1/10/90

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 BONNIE E. SRAVER (Married + divorced name Heidel)

ADDRESS 12658 Rt 216 Highland Md 20777 PHONE 854-2158

PROSPECTIVE BUYER Same as above

ADDRESS Same as above PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Swann Prop LOT NO. 1

ROAD AND DESCRIPTION 12658 Rt 216 Highland Md 20777

12648 Rt-216

TAX MAP 40 PARCEL # 305

SIZE OF LOT 2+ 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. Bonnie E. Heidel  
(SIGNATURE OF APPLICANT)

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

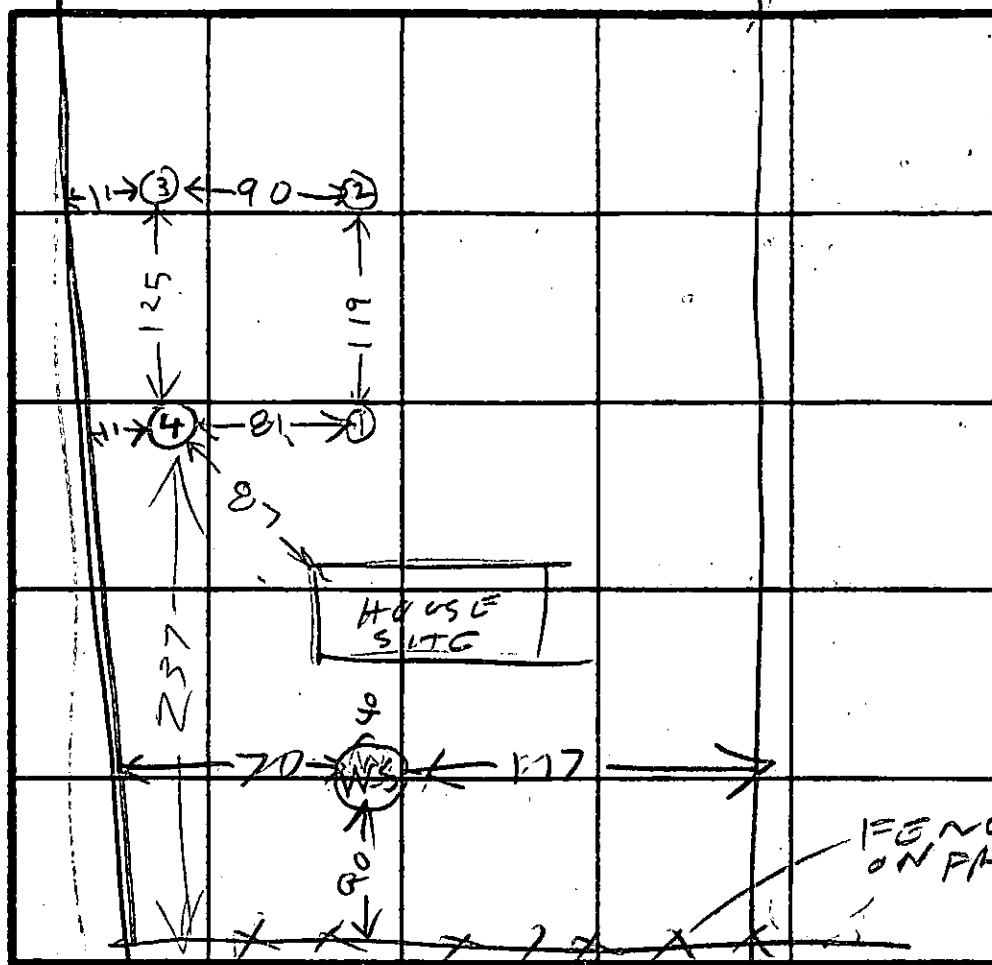
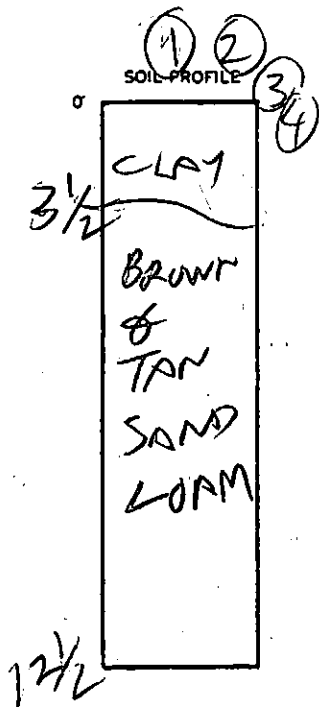
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING Retest OK Hold for Permit

BLDG. PERMIT SIGNED  
AND RETURNED 8/15/90  
Seal #34275-SPD

## THIS IS NOT A PERMIT



HOLE ELEVATION

- ④ HIGH
- ① NEXT HIGH
- ② LOW
- ③ NEXT LOW

WS = WELL SITE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ROUTE 216

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/6/90	15	4 1/2	1030	1032	1033	1037	4
	17	3	1030	1031	1031	1032	1
	1V	12 1/2	OK				
	25	4 1/2	1034	1034	1034	1040	6
	2V	11	OK				
	35	3 1/2	1033	1034	1024	1040	6
	3V	13	OK				
	41/	12	OK				

REMARKS

TYPE OF SOIL

TESTED BY B. J. Hodge

ROCKY BACK

ALSO PRESENT JACK HOLL

BONNIE HEIDEL

# APPLICATION

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5

DATE 3/19/71

A 15785

P \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER John T. Swann  
ADDRESS Highland, Maryland PHONE At. 6-3545  
At. 6-2608 - business

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. 1

ROAD AND DESCRIPTION Md. Rt. 216 - approx. 300 yds. from Hall Shop Rd.

OCCUPANT \_\_\_\_\_ PHONE \_\_\_\_\_

PERSON TO CONSTRUCT SYSTEM \_\_\_\_\_

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

SIZE OF LOT 2.000 acres TYPE BLDG. 3

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

SIGNATURE OF APPLICANT /s/ John T. Swann

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

(KIND OF SYSTEM)

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

(KIND OF SYSTEM)

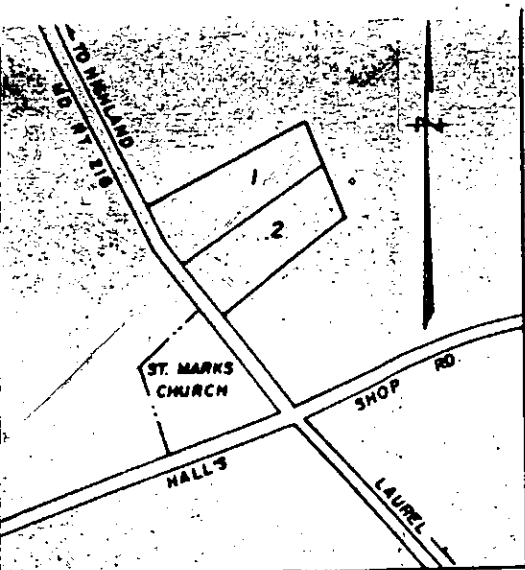
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

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

# THIS IS NOT A PERMIT







Vicinity Map Scale: 1 in. = 600 Ft.

Location - Tax Map No. 40

I, the undersigned owner of the property shown hereon, my heirs or assigns adopt this plan of subdivision and do hereby establish the building setback restriction line as shown hereon, in order to comply with the General Plan of Highways of Howard County.

John T. Swann 3-19-71  
John T. Swann  
Highland, Maryland 20777  
Date

Approved: Private Water and Private Sewer

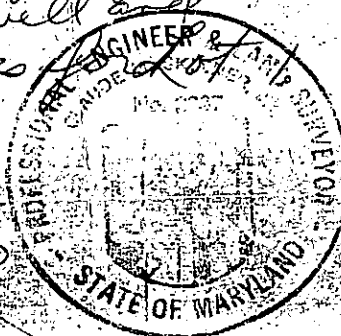
Herold Hoyle Apr 1, 1971  
County Health Officer Date

Approved: Office of Planning & Zoning

Thomas L. Harris 4-2-71  
Planning Director, Howard County Date

To the best of my knowledge there is no well or septic system within 100 ft of the proposed well and septic system.

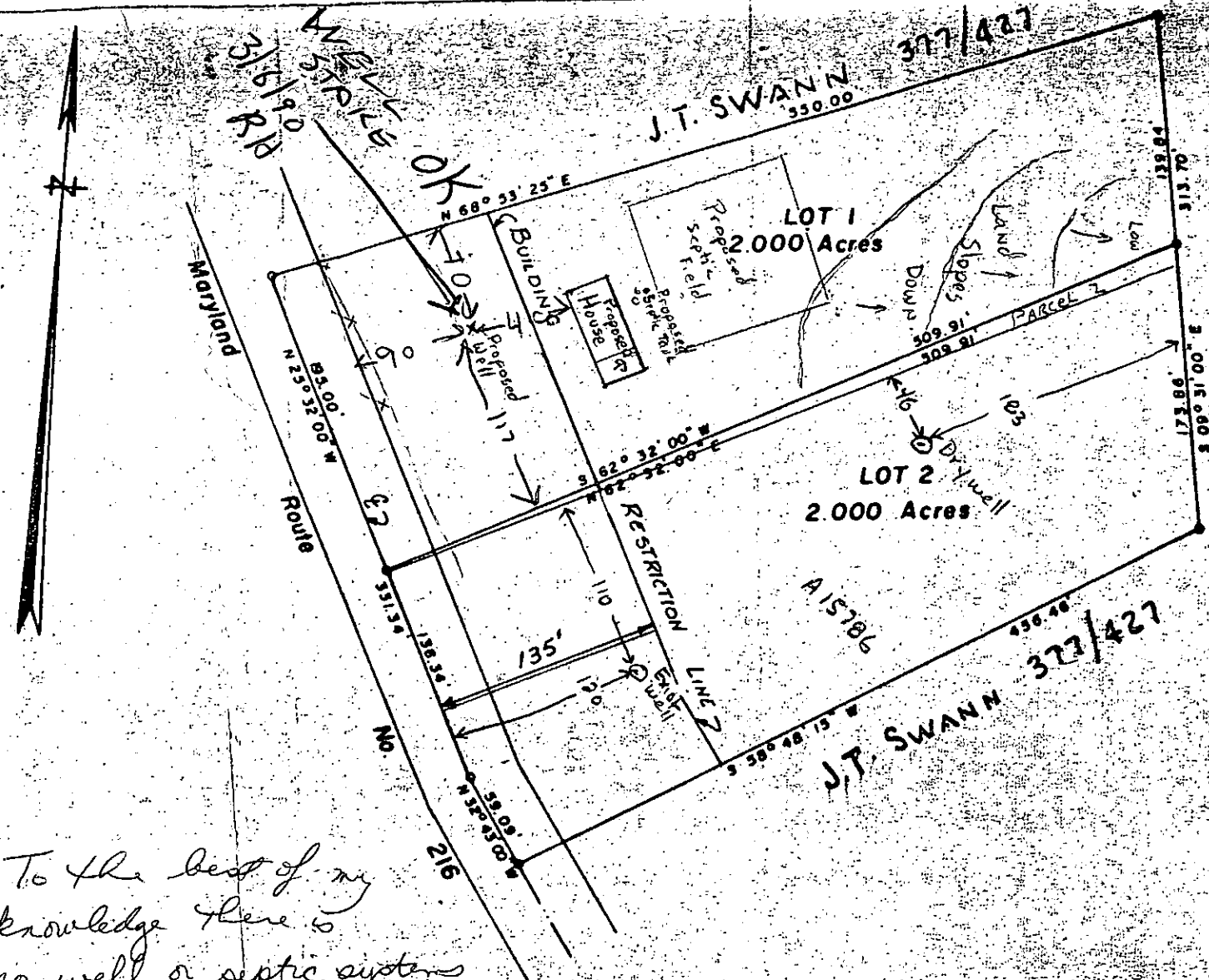
Bonnie E. Heide  
11/10/90



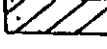
PLAT OF SURVEY  
FOR  
JOHN T. SWANN  
FIFTH ELECTION DISTRICT OF HOWARD COUNTY  
HIGHLAND, MARYLAND  
SCALE: 1 IN. = 100 FT.  
MARCH 16, 1971

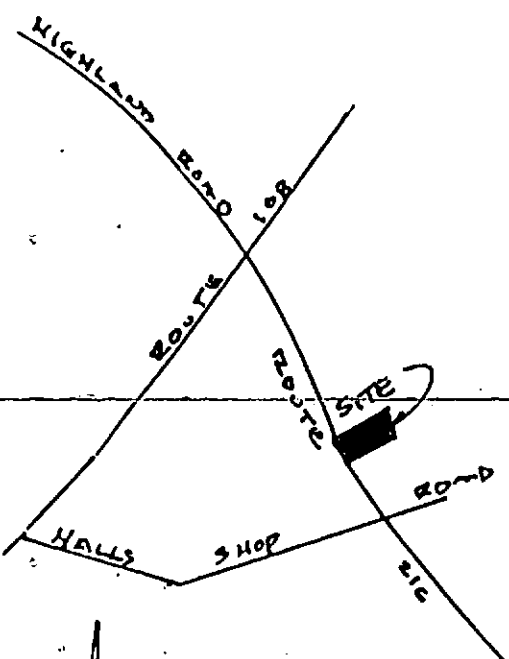
Claude M. Skinner Jr.  
Claude M. Skinner Jr. Reg. Eng. & Land Surveyor No. 2237

A-3067

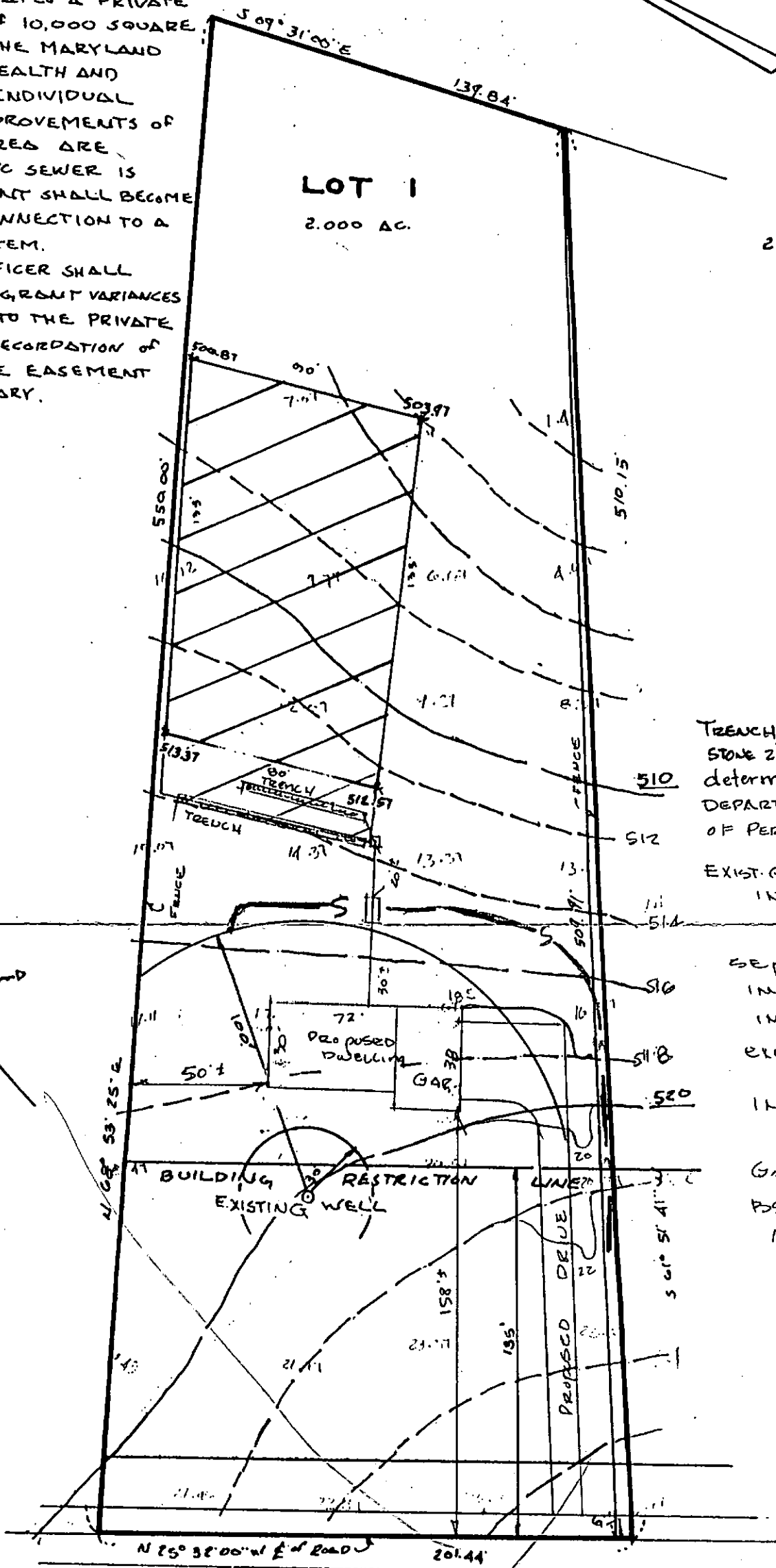


THIS LOT COMPLIES WITH THE MINIMUM LOT AREA AND OWNERSHIP WIDTH AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

 THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.



*Walter Park*



TRENCH 3 WIDE, 6' DEPTH  
STONE 2 DEEP, Length to be  
determined by the HEALTH  
DEPARTMENT AT THE TIME  
OF PERMIT ISSUANCE.

EXIST. GRADE 514.0  
INVERT 510.0

SEPTIC TANK  
IN. OUT. 510.4  
IN. IN. 510.8  
EXIST. GRADE 515.0  
INU at House 511.4

GAR. 520.0  
PSMT 513.4  
F.F. 522.0

MARYLAND ROUTE  
NO. 216

PLAT OF SURVEY FOR  
JOHN T. SWANN  
LOT 1  
LIBER - 556, FOLIO 11  
FIFTH ELECTION DISTRICT  
HOWARD COUNTY, MD.  
TAX MAP 40 P. 305

SCALE: 1"=50'  
DATE: 3/14/1990

8/15/90 Revised Plans OK  
8-1-1990 RH


Luepkes

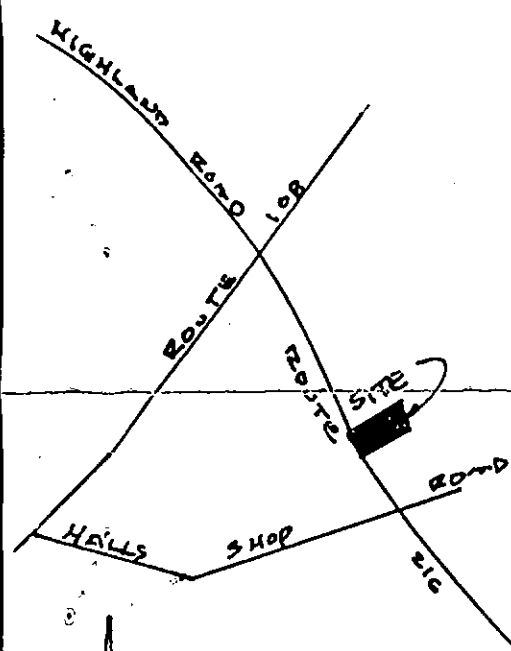
if any questions please call

Omni - 596-0493

LAND DESIGN ENGINEERING INC.  
SUITE 210 10620 GUILFORD ROAD  
JESSUP, MARYLAND 20794

880-0034

 THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.



 = PROPOSED BUILDING AREA

John A. Bordino 3-20-90  
COUNTY HEALTH OFFICER 17 DATE

MARYLAND ROUTE  
NO. 216

SCALE: 1" = 50'  
DATE 3/14/1990

C1 1387 SEQUENCE NO. (DENV USE ONLY)  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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 A45446

ST/GO USE ONLY  
DATE RECEIVED

DATE WELL COMPLETED  
032990

Depth of Well  
2205  
(TO NEAREST FOOT)

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
40-88-1247

OWNER Haidel last name Kanne first name  
STREET OR RFD Rt 216 TOWN Highland  
SUBDIVISION 1041 SLANN PROP 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  
FROM TO

Check if water bearing

SAND 5' to 10' 0 50  
CHALKY MICH 50 100  
rock

GROUTING RECORD

WELL HAS BEEN GROUTED  
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 13 NO. OF POUNDS 1720

GALLONS OF WATER 18

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 45 ft.  
(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST CO  
STEEL CONCRETE  
PL OT  
PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

ST 6 57

OTHER CASING (if used)

diameter depth (feet)

EACH CASING

screen type or open hole

SCREEN RECORD

insert appropriate code below

ST BR HO  
STEEL BRASS OPEN HOLE  
PL OT  
PLASTIC OTHER

C2

DEPTH (nearest ft.)  
H 0 17 205  
EACH SCREEN  
1 8 9 11 15 17 21  
2 23 24 26 30 32 36  
3 38 39 41 45 47 51

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

from to

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

OEP 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

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.)

METHOD USED TO MEASURE PUMPING RATE Built

WATER LEVEL (distance from land surface)

BEFORE PUMPING 24

WHEN PUMPING 85

TYPE OF PUMP USED (for test)

A air P piston T turbine  
C centrifugal R rotary O other (describe below)  
J jet S submersible

PUMP INSTALLED

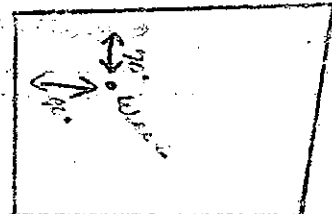
DRILLER WILL INSTALL PUMP YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE  
TYPE OF PUMP INSTALLED  
PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:

CAPACITY: GALLONS PER MINUTE (to nearest gallon)  
PUMP HORSE POWER  
PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)  
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)



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.

DRILLER'S IDENT. NO. 138  
DRILLER'S SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

COUNTY