10/9/91 2:00 pm

PERMIT

05-405947

P 47398

A 37266

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 5th

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 8/9/91

DATE SYSTEM APPROVED 10/10/91

INSPECTOR RH

Paul Schissler/South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Lillienfields LOT 2 ROAD 8671 Reservoir Road

PROPERTY OWNER Timothy M & Mary Rowen

ADDRESS

BUILDING PERMIT SIGNED AND RETURNED

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

10-29-03 B00144821-IG SWIMMING POOL
4-1-04 B00147150 - FPS GRILLE

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 144

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 4 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 125' from the front lot line and 150 feet from the right lot line as seen when facing the property from Reservior Road. Run trench(s) along contour toward right side of property.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 10/16/90 OK RH

PLANS APROVED BY Craig Williams cm DATE 02/11/87

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.

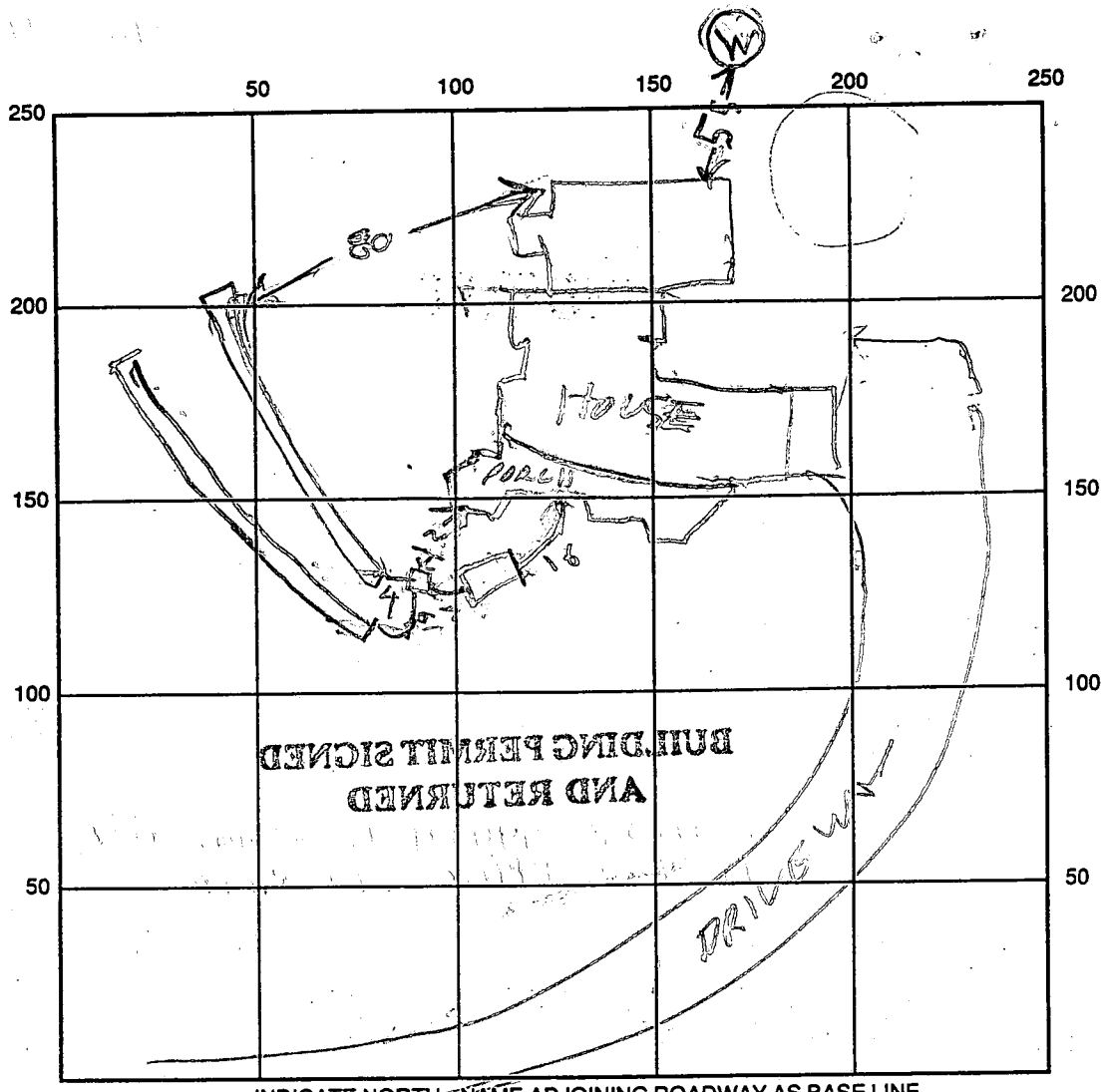
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

HD-260(6-90)

A 37266



BUILDING PERMIT SIGNED AND RETURNED

INDICATE NORTH—NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 CLEANOUTS MANHOLE OK

TANK TOP IS 6-7 FT BELOW GRAD

DISTRIBUTION BOX LEVEL

DRAIN FIELD/TITLE DEPTH 1: 9 2: 9 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 1: 72 2: 79 FT TOTAL 151

NUMBER OF TRENCHES ONE SIDEWALL/BOTTOM AREA 755 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 10/9/91 TANK OK - TRENCH ONLY 12FT FROM PORCH BUT 24FT FROM FOUNDATION. TRENCH #1 STARTED @ 3-4FT OF FILL IN AREA OF BOX LOCATION OK RH 10/9/91 4PM TRENCH #1 OK DIG TRENCH #2 COVER TANK RH. 10/10/91 1040AM TRENCH #2 STARTED & SOME STONE ADDED RH. 10/10/91 2:49 TRENCH #2 OK

DATE SYSTEM APPROVED 10/10/91 INSPECTOR Raymond Hodgen

CILLIENFIELDS

A 37266

SUBDIVISION: RESEVOIR RD, LOT NUMBER: 2

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	Septic Tank	Minimum Total square Feet
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

180 sq. ft./bedroom

Trench to be 2 wide.

Inlet 4 feet below original grade.

Bottom maximum depth 9 feet below original grade.

Effective area begins at 4 feet below original grade.

5 feet of stone below distribution pipe.

NOTE:
(1) No trench to exceed 100 feet in length.
(2) If more than one trench used, a distribution box is required.
(3) Trenches to be installed on level ground.
(4) Call for inspection of trench before gravel is installed.
(5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
(6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: PLACE THE DISTRIBUTION BOX 125' FROM THE FRONT LOT LINE AND 150' FROM THE RIGHT LOT LINE AS SEEN WHEN FACING THE PROPERTY FROM RESEVOIR RD. RUN TRENCH(S) ALONG CONTOUR TOWARD RIGHT SIDE OF PROPERTY.

2/11/87 C Wallace

NOTE THE FRONT LOT LINE IS 274.86 FT LONG AND THE RIGHT LOT LINE IS 384.83 FT LONG

APPLICATION

A 37266

PERCOLATION TESTING

P

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

DISTRICT 5th

DATE ~~5-3-86~~ 6/25/86

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 ~~Dr. Lawrence S. Lilienfield, M.D.~~ Timothy M + Mary Rowen
(TTEE U/W H.J. Lilienfield)

ADDRESS 3915 Georgetown Court, N.W.
Washington, D.C. 20007

PHONE Home-202-342-2656
Work-202-625-7545

PROSPECTIVE BUYER

ADDRESS PHONE

PROPERTY LOCATION:

SUBDIVISION Lilienfield Property LOT NO. 2

ROAD AND DESCRIPTION 8671 Reservoir Rd.

TAX MAP 45 PARCEL # 7

SIZE OF LOT 169,250 sq. ft. 3.89 Ac. ± 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. William Rasch D Perdum & Jeschke
(SIGNATURE OF APPLICANT)

APPROVED BY B.P. FOR TH ENCA DATE 10/18/90

REJECTED BY FOR DATE

HOLD PENDING FURTHER TESTS DATE

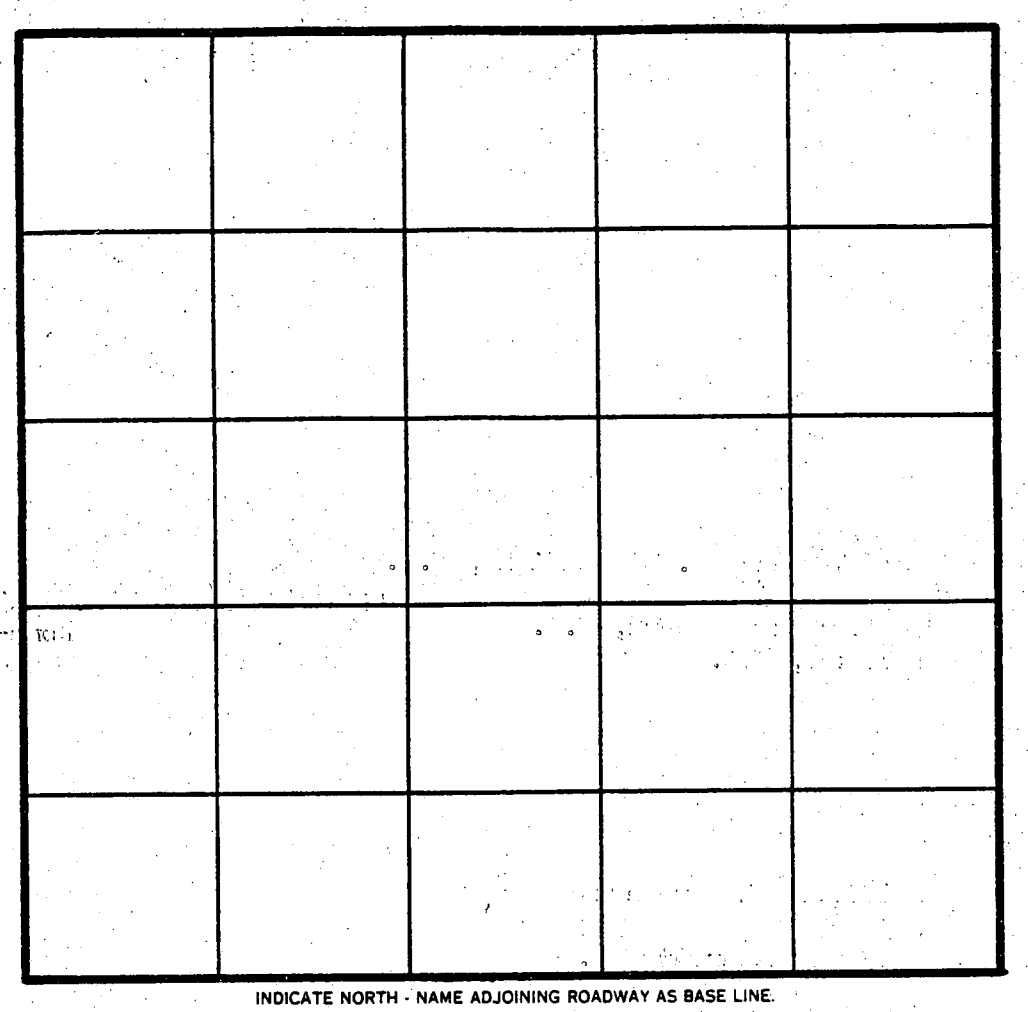
REASONS FOR REJECTION OR HOLDING 8/27/86 - PERC OK HOLD FOR PLAT B.P.
PLAT OK

BLDG. PERMIT SIGNED
AND RETURNED 10/9/90
Serial #34874 SFD
4 Bedrooms

THIS IS NOT A PERMIT

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

EH-12-1079

APPLICATION

A 37266

PERCOLATION TESTING

P

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

DISTRICT 5th

DATE 6/28/86

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 Dr. Lawrence S. Lilienfield, M.D.
(TTEE U/W H.J. Lilienfield)

ADDRESS 3915 Georgetown Court, N.W.
Washington, D.C. 20007

PHONE Home-202-342-2656
Work-202-625-7545

PROSPECTIVE BUYER

ADDRESS PHONE

PROPERTY LOCATION:

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(SIGNATURE OF APPLICANT)

APPROVED BY FOR DATE

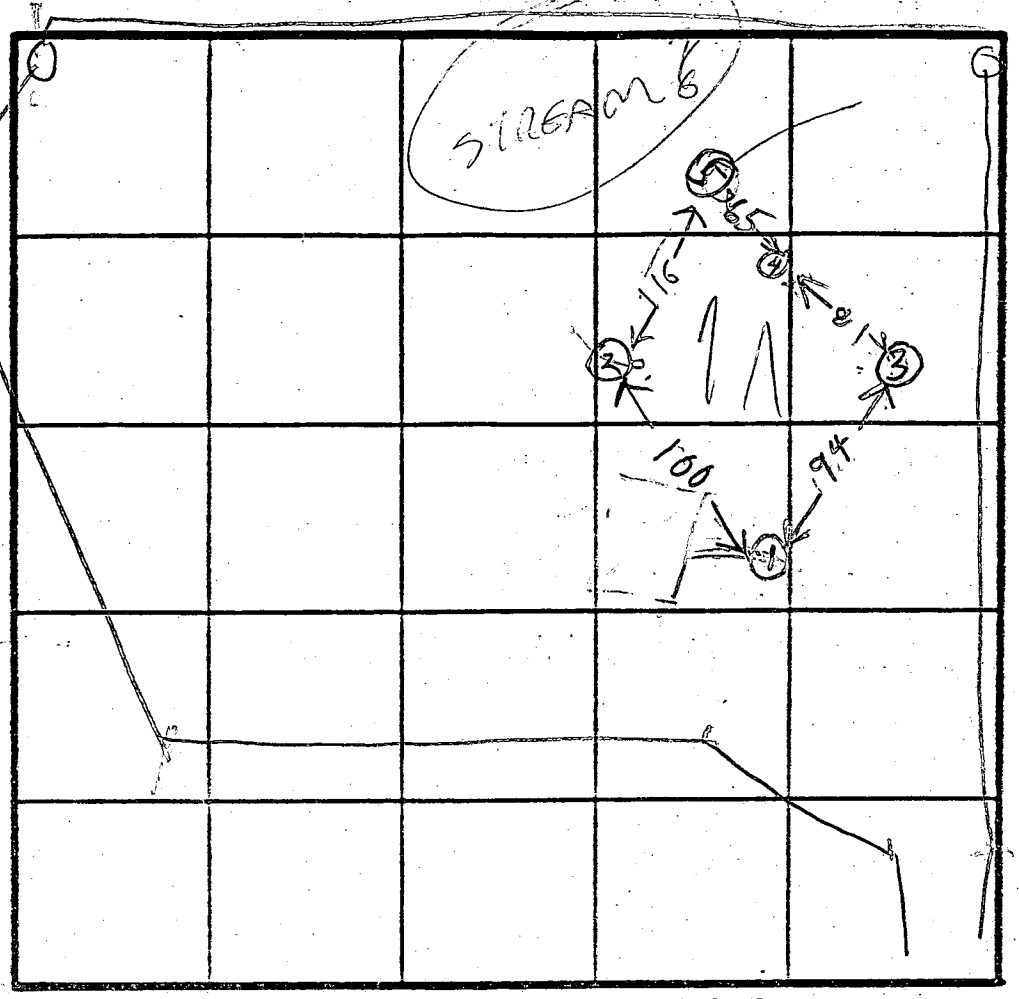
REJECTED BY FOR DATE

HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION OR HOLDING

THIS IS NOT A PERMIT

Lot 2



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SOIL PROFILE (1)

0 BROWN CLAY
4 BROWN SAND LOAM
13

(2)

BROWN CLAY
3 BROWN SAND LOAM
13

(3)

BROWN CLAY
2 BROWN & GRAY SAND LOAM & FEW SMALL ROCKS
12 1/2 HARD

(4)

0 BROWN CLAY
3 BROWN SAND LOAM & FEW ROCKS
13

(5)

BROWN CLAY
2 BROWN SAND MICA LOAM
12

HOLE ELEVATIONS
(1)(2) = HIGH
(4)(3)(5) LOW

AVG TIME 4 MIN
MAX INLET 4'
158/BDRM

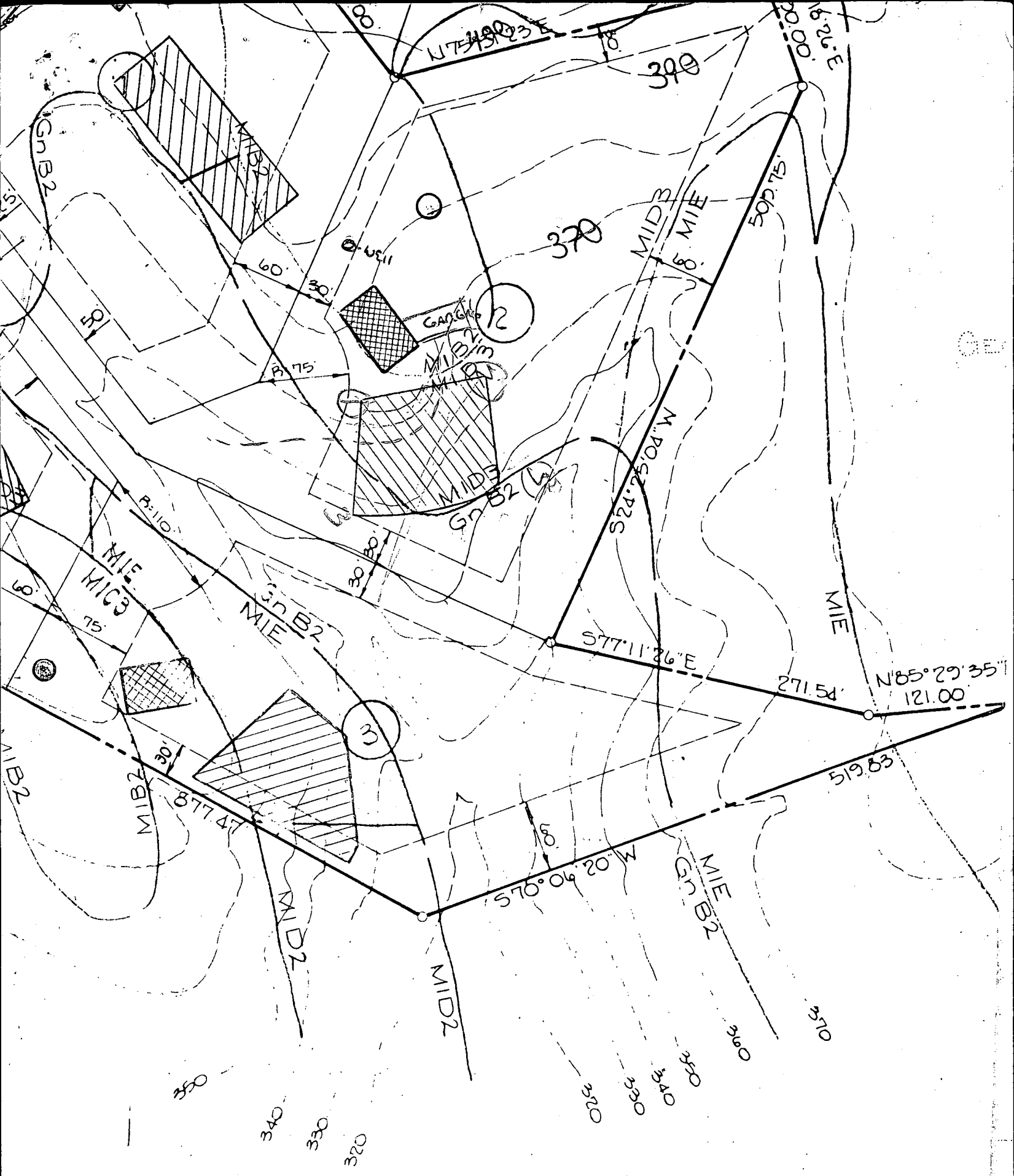
DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
8/27/86	1 S 1 D	5 9.5	212 213	215 215	215 215	218 219	3 4
	1V	13	OK				
	2 S 2 V	3 1/2 13	237 OK	238	238	241	3
	3 S 3 V	3 12 1/2	332 OK	333	332	337	4
	4 V	13	OK				
8/27/86	5 S 5 V	4.5 12	407 OK	410	410	412	2

REMARKS 8/26/86 VISITED SITE PER C TEST AREA NOT GOOD SWALE IN MIDDLE OF
8/27/86 PER RICK HOLE SITE CHANGED PER REVISED PLAN

TYPE OF SOIL

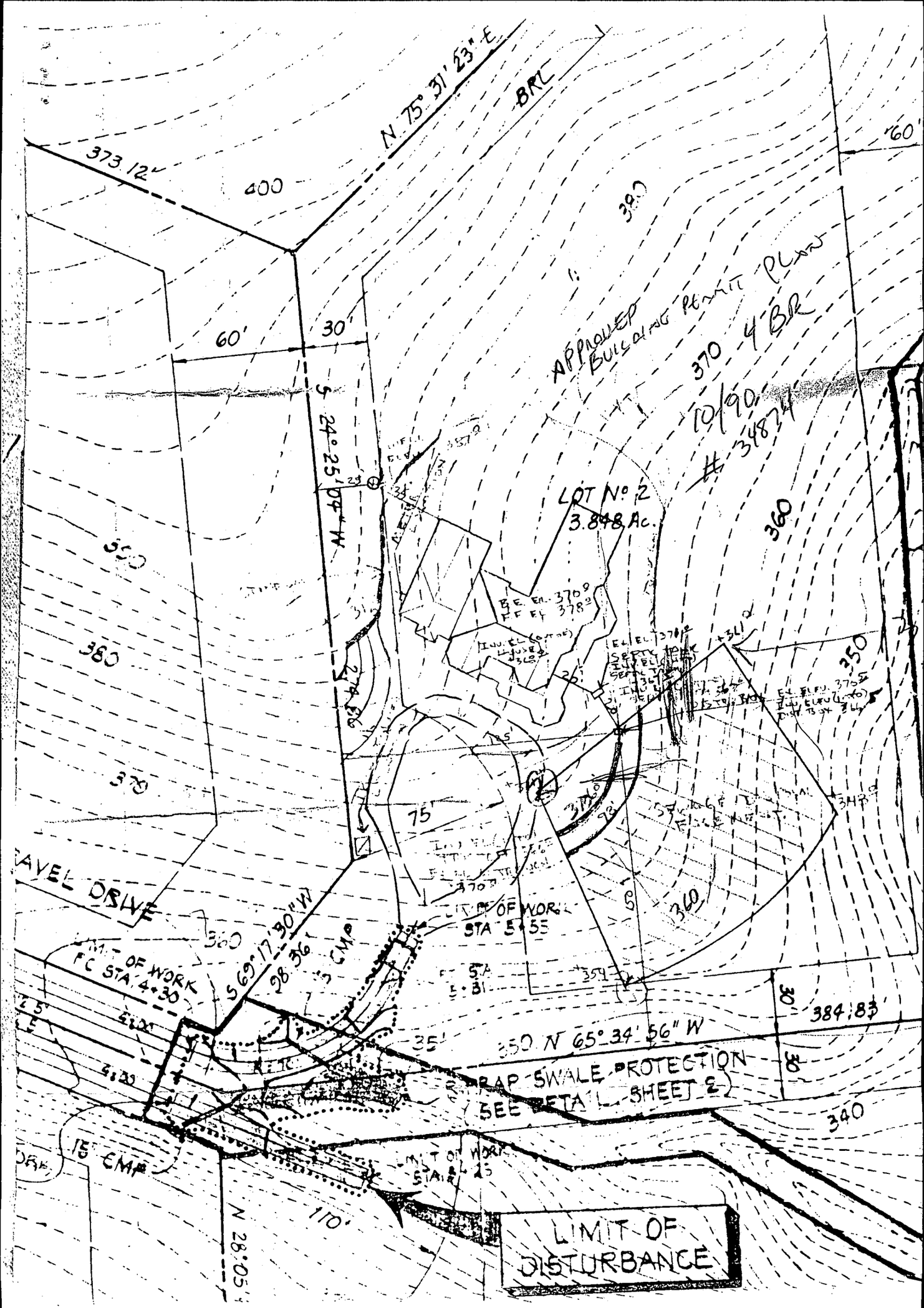
TESTED BY R. HODGES ALSO PRESENT WAYNE STEVE BOT

EH-12-1079



LILIENFIELD

LOT 2


N 75° 31' 23" E
BRL
373.12'
400
390
60'
30'
APPROVED BUILDING PERMIT PLAN
370 4 BR
10/90
#34834
S 24° 25' 04" W
LOT No. 2
3.848 Ac.
360
350
380
370
75'
LIMIT OF WORK
STA 5+55
S 69° 17' 30" W
28.36'
LIMIT OF WORK
PC STA 4+30
384.83'
N 65° 34' 56" W
RIP RAP SWALE PROTECTION
SEE DETAIL SHEET 2
340
15 CMP
LIMIT OF WORK
STA 8+25
110'
N 28° 05'
LIMIT OF DISTURBANCE

HOWARD COUNTY

PERMIT APPLICATION

APPLICATION

DEPARTMENT OF INSPECTIONS, LICENSES & PERMITS
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

SERIAL NUMBER 34874

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)
8671 RESERVOIR RD
FULTON MD. 20759

GRADING/SEDIMENT CONTROL ☐ YES ☐ NO SDP #

DESCRIPTION OF WORK AUTHORIZED
TWO STORY SINGLE FAMILY HOME WITH BASEMENT & CRAWL SPACE

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
2	7	3			1779	472

SUB DIVISION	ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.
LILIENFIELD	R	45	5	6051

OWNER'S NAME AND ADDRESS — PHONE NO.
TIMOTHY M. & MARY E. ROWAN — 445-5982
10518 EDGEMONT DR
ADELPHI MD. 20783 — (W) 434-5518

OCCUPANT'S NAME AND ADDRESS — PHONE NO.
SAME AS OWNER

ARCHITECT OR ENGINEER'S NAME AND ADDRESS — PHONE NO.
—

CONTRACTOR'S NAME AND ADDRESS — PHONE NO.
SAME AS OWNER

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT
72'0" - 80'0" 4,799 ⊕ W/O PAS HEAT	72'0"	80'0"	32' W/ROOF

TYPE OF BLDG.	AREA	VOLUME	ROOF
B. ROOMS 4	1340	12 [illegible]	~~[illegible]~~ 134
ROOMS 8	2675	23625	1520
BATHS 4	534	7506	752
FIREPLACES 2			

FOOTINGS	FOUNDATION	S. WALLS
Conc	Conc Block	

UTILITIES

WATER	WELL	SEWER	SEPTIC	GAS	ELECTRICITY	TYPE OF HEAT	AC
✓		✓	✓	H_2	BGE	ELECTRIC	✓

I have carefully examined and read this application and know the same is true and correct, and that in doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Bureau of Inspections and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in this application; and that no work will be covered up until such inspections have been complied with.

SIGNATURE Timothy M. Rowan
TITLE OWNER — DATE ~~9-23-90~~ 9-6-1

EXISTING USE: VACANT LOT
PROPOSED USE: RESIDENT SINGLE FAMILY DETACHED

EST. CONSTRUCTION COST: $80,000.
LICENSE NUMBER
PERMIT FEE

W/S CODE

FOR OFFICE USE ONLY

DISTANCE IN FEET FROM R/W LINE TO FRONT BUILDING LINE
SIDE YARD
(DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE)
DISTANCE IN FEET FROM SIDE STREET R/W LINE
TO SIDE BUILDING LINE
DISTANCE IN FEET, REAR YD. REQUIRING SET
BACK (CORNER LOT ONLY)
CONDITIONS (IF ANY) SDP #

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING		
SHA X		
SEDIMENT/GRADING		
BUILDING OFFICIAL		
WATER & SEWER		
HEALTH DEPT. X	10/9/90	T.R. Hodges
FIRE PROTECTION		
STORM WATER MGMT X		

Checks payable to DIRECTOR OF FINANCE OF HOWARD COUNTY

CAUTION
No begin construction before a permit placard has been issued and displayed on the jobsite is a violation of the law.
Use and occupancy permit must be applied for two weeks before it will be issued.

APPROVED — DATE

Distribution of Copies:
White - Building Official
Green - Planning & Zoning
Yellow - Engineering
Pink - Health Dept.
Gold - S.H.A.

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

LP-69
Revised

EMERGENCY/TEMP NO. IF ANY

B 1 5425 SEQUENCE NO. (OEP USE ONLY)

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

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER 70 A0-81-1825 79

fill in this form completely

Date Received 8 9/2/86 13

OWNER INFORMATION

15 Last Name LIBERTY LAW INC Owner First Name 34

36 Street or RFD 35 PO CLOTHOR CO. 55

57 Town WASHINGTON DC 70 State 72 20007 Zip 76

DRILLER INFORMATION

Dana Kyker, Jr. II

Driller's Name 256 77 License No. 80

Westminster Rotary Well Drilling, Inc.

Firm Name

P.O. Box 4061, Westminster, Md. 21157

Address

Signature 10/30/86 Date

B 2 WELL INFORMATION

1 2

APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 950 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- 22 I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
- P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
- T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 190 24 28 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

30 37 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)

CABLE REVerse-ROTary DRive-POINT

other _____

REPLACEMENT OR DEEPENED 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
- 39 S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
- D THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE) 41 52

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP 54 63

FORCE CA 67 68 WRITE INITIALS IN BOX PERMIT No. A0-81-1825 70 71 72 73 74 75 76 77 78 79

B 3 LOCATION OF WELL

1 2

8 COUNTY HOWARD 21

23 SUBDIVISION LIMITED PROPERTY 42

SECTION 44 46 LOT 7 48 50

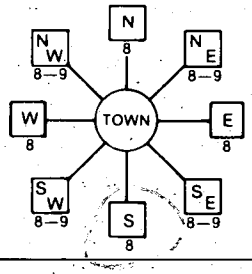
52 NEAREST TOWN FULTON 71

MILES FROM TOWN (enter 0 if in town) 1.5 MI 73 76 77 78

B 4

1 2

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 Reservoir Road 30

NEAR WHAT ROAD

CN WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH N, WEST W, 32, EAST E, SOUTH S

425 34 37

DISTANCE FROM ROAD

ENTER FT or MI A 38 39

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard A3726C

COUNTY NAME COUNTY NO.

OEP SIGNATURE _____ STATE HEALTH INSERT S 41

DATE ISSUED 6/10/87 43 48 CO SIGNATURE 7/30/87 EXP. DATE

NORTH GRID 473000 50 55 EAST GRID 0821000 57 63

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

Location OK
47 Cleaning
1 - above
45' - open
18 - Nap comm

5/7/87

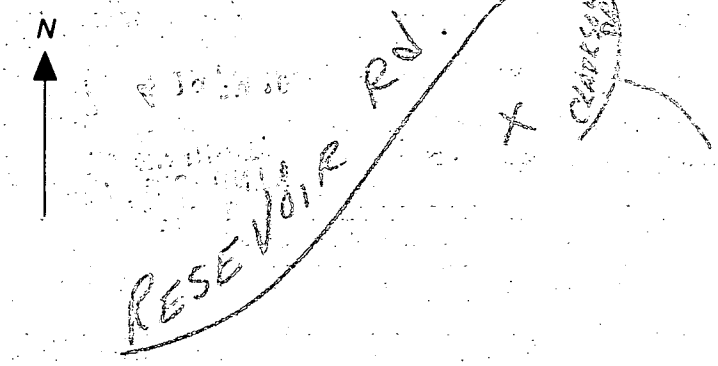
SOURCES OF DRILLING WATER

1. CITY
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

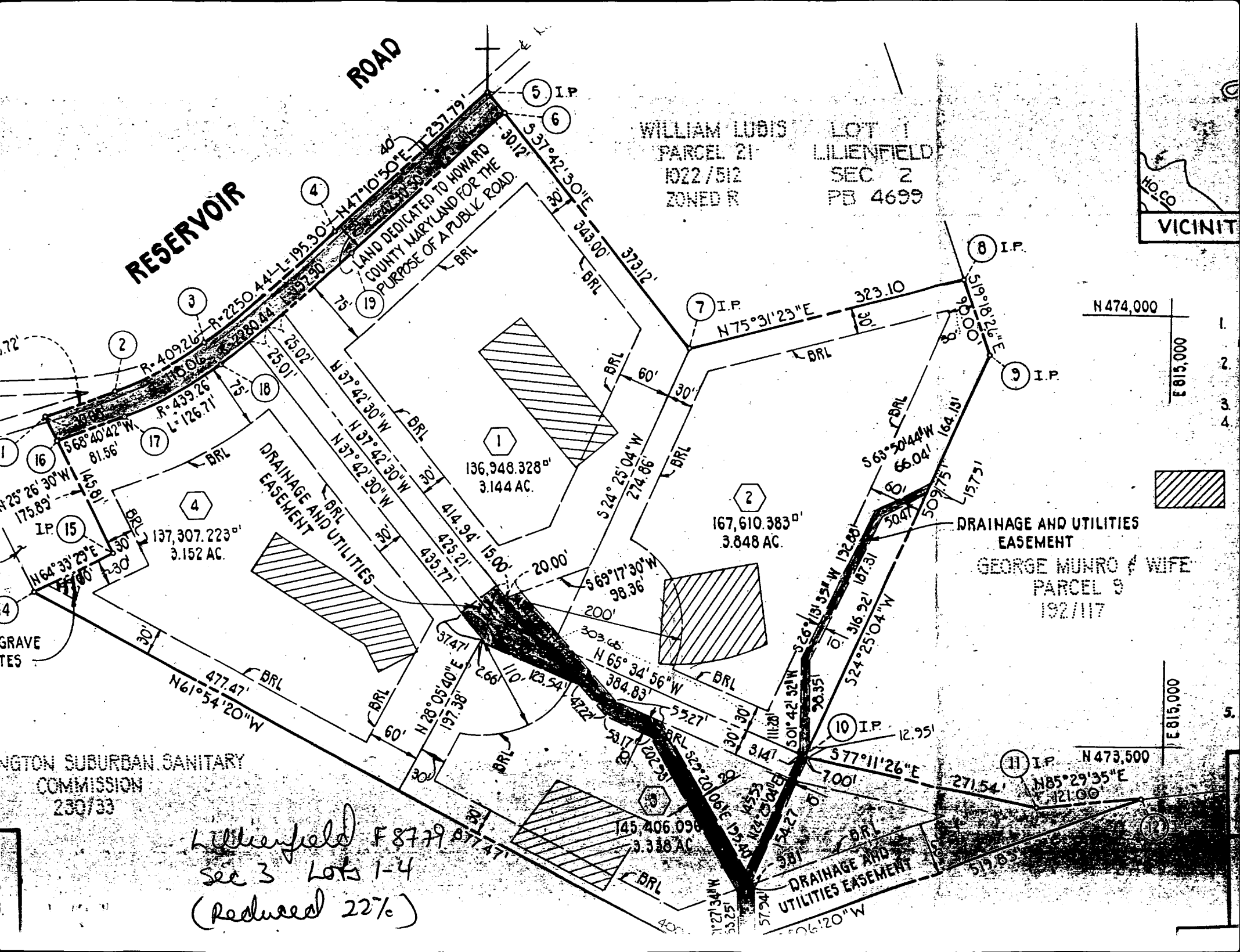
E 810 000
N 470 3 000

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



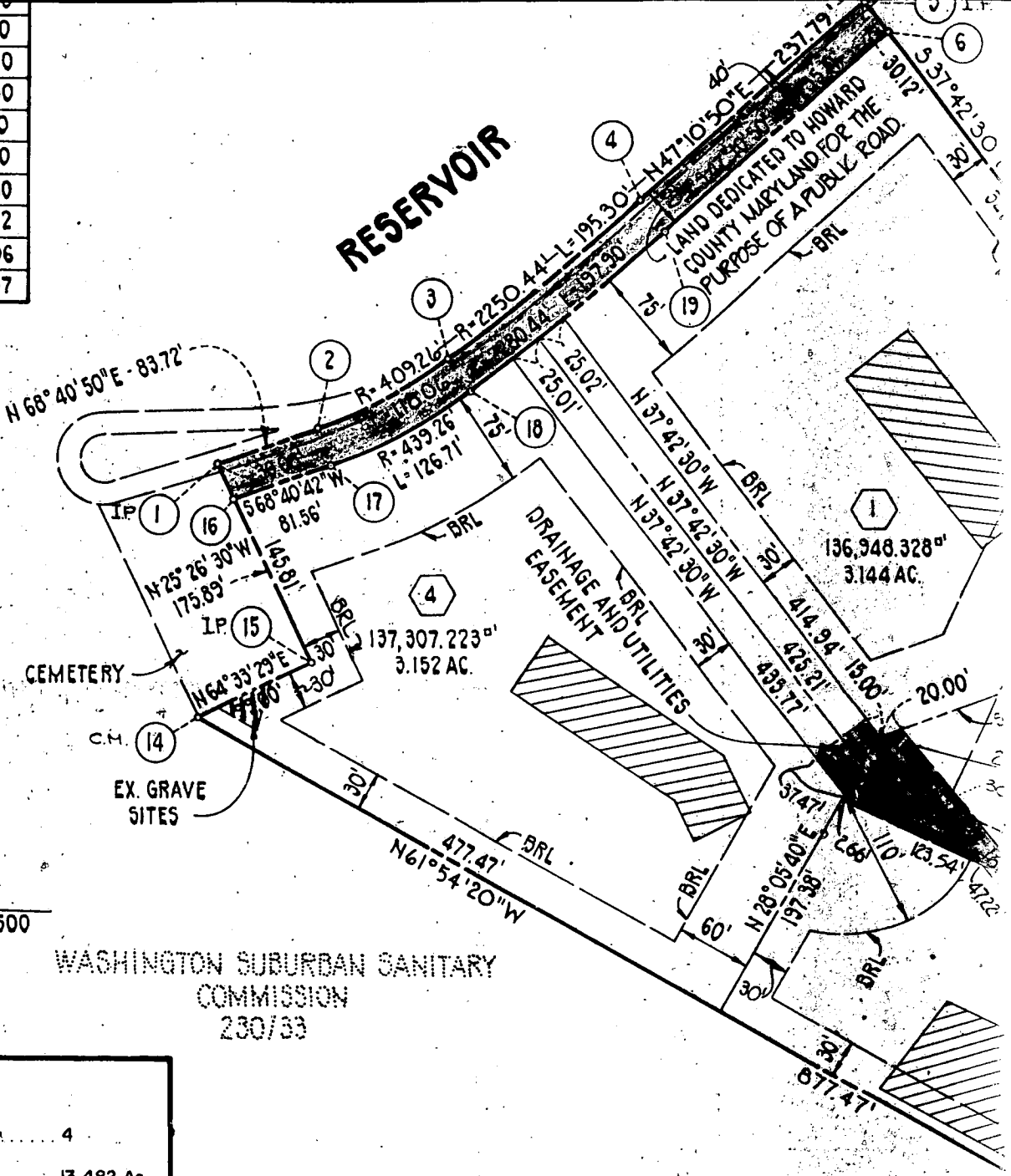
SPECIAL CONDITIONS

HEALTH


RESERVOIR ROAD
WILLIAM LUBIS
PARCEL 21
1022/512
ZONED R
LOT 1
LILIENFIELD
SEC 2
PB 4699
LAND DEDICATED TO HOWARD COUNTY MARYLAND FOR THE PURPOSE OF A PUBLIC ROAD.
DRAINAGE AND UTILITIES EASEMENT
GEORGE MUNRO & WIFE
PARCEL 9
192/117
136,948.328□'
3.144 AC.
137,307.223□'
3.152 AC.
167,610.383□'
3.848 AC.
145,406.096
3.338 AC.
VICINIT
N 474,000
E 815,000
N 473,500
E 815,000
WASHINGTON SUBURBAN SANITARY COMMISSION
230/33
Lilienfield F 8779
Sec 3 Lots 1-4
(Reduced 22%)

11	473,424.2230	814,856.1770
12	473,433.7310	814,976.8020
13	473,256.8390	814,487.9950
14	473,670.0630	813,713.9150
15	473,712.5930	813,803.3140
16	473,844.2630	813,740.6750
17	473,873.9177	813,816.6502
18	473,936.2567	813,926.4606
19	474,064.3040	814,077.2707

COORDINATES SHOWN HEREON ARE BASED ON MARYLAND STATE GRID COORDINATE SYSTEM.



WASHINGTON SUBURBAN SANITARY COMMISSION
230/33

Tabulations

1. Total Number of Lots to be recorded 4
2. Total Area of Lots ..... 13.482 Ac.
   Total Area of Open Space 0
3. Total Area of Roadways to be recorded including widening strips ..... 0.439 Ac.
4. Total Area of Subdivision to be recorded ..... 13.921 Ac.

APPROVED: For private water and private sewerage systems in conformance with the Master Plan of Water and Sewer for Howard County.

Howard County Health Officer — Date 7-28-87

APPROVED: Howard County Office of Planning and Zoning

Director — Date 8.6.87

APPROVED: For public drainage systems, public road, and public water, Howard County Department of Public Works

Director — Date 8/3/87

OWNER'S CERTIFICATE

I, Lawrence S. Lillenfield, sole surviving trustee of the property shown and described plan of subdivision, and in consideration of the approval of this final plat by the Office of Planning minimum building restriction lines and grant unto Howard County, Maryland, its successors and assi construct and maintain sewers, drains, waterpipes and other municipal utilities and services, in and un right of ways and the specific easement shown hereon (2) the right to require dedication for public us and/or roads and floodplains and open space where applicable and for good and other valuable consid and option to Howard County to acquire the fee simple title to the beds of the streets and/or roads drainage facilities and open space where applicable; and (3) the right to require dedication of water for the specific purpose of their construction, repair and maintenance; and (4) that no building or str shall be erected on or over the said easements and rights of way. Plans for public water have been of Health and Mental Hygiene and these facilities will be available to all lots offered for sale.

Witness my/our hands this 1st day of Nov 1986

Trustee

Witness

8:45 AM - 3 hrs.
10:00 AM - grout

Page ____ of ____
Date: May 7, 1987

(2)

Review H 1030

JS

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-1885
Location of property (road) Reservoir Rd.
Subdivision Sellenfield Lot 2 Block ____ Plat ____ Sec. ____
Well Driller Alpine Rykar, Jr. Owner Laurence Sellenfield

Depth of well 153'
Distance of measuring point (M.P.) above ground 1'
Static water level (S.W.L.) below M.P. 30

I. High rate pumping -- reservoir drawdown

Time pump started 8:50 Pumping rate 15
Total time 15 min to reach pumping water level 55' 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 ✓ gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
11:35	74'	4 sec		15

C 1 3848 — SEQUENCE NO. (OEP 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 A 37266

DATE Received: 8–13

DATE WELL COMPLETED: 15–20 (0 5 0 7 8 7)

Depth of Well: 22–26 (1 5 3) (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL": 28–37 (H 0 - 8 1 - 1 8 8 5)

OWNER: LILLIENFIELD (last name) LAWRENCE (first name)

STREET OR RFD: RESERVOIR RD TOWN: FULTON

SUBDIVISION: LILLIENFIELD SECTION: LOT: 2

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	FEET TO	Check if water bearing
Dirt	0	2	
Soft Brown Mica	2	40	
Hard Blue & Brown Mica	40	73	
Brown Mica	73	75	X
Blue Mica Schist	75	120	
Brown Mica	120	121	X
Blue Mica Schist	121	153	

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box): yes (Y) 44 — no (N) 44

TYPE OF GROUTING MATERIAL: CEMENT (CM) 45–46 — BENTONITE CLAY (BC) 45–46

NO. OF BAGS 18 — NO. OF POUNDS 1692

GALLONS OF WATER 108

DEPTH OF GROUT SEAL (to nearest foot): from 0 (48–52) ft. to 45 (54–58) ft. (enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below: ST STEEL, CO CONCRETE, PL PLASTIC, OT OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
ST (60–61)	5 (63–64)	47 (66–70)

OTHER CASING (if used) — EACH CASING

diameter inch	depth (feet) from	to

SCREEN RECORD
screen type or open hole insert appropriate code below: ST STEEL, BR BRASS BRONZE, HO OPEN HOLE, PL PLASTIC, OT OTHER

C 2

EACH SCREEN		DEPTH (nearest ft.)	
1	HO (8–9)	48 (11–15)	53 (17–21)
2	(23–24)	(26–30)	(32–36)
3	(38–39)	(41–45)	(47–51)

SLOT SIZE 1 ____ 2 ____ 3 ____

DIAMETER OF SCREEN ____ (56–60) (NEAREST INCH)

GRAVEL PACK from ____ to ____

IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 (68)

C 3
PUMPING TEST

HOURS PUMPED (nearest hour) 3 (8–9)

PUMPING RATE (gal. per min. to nearest gal.) 15 (11–15)

METHOD USED TO MEASURE PUMPING RATE: Submersible

WATER LEVEL (distance from land surface)

BEFORE PUMPING 30 (17–20)

WHEN PUMPING 74 (22–25)

TYPE OF PUMP USED (for test)

A air (27) — P piston (27) — T turbine (27) — C centrifugal (27) — R rotary (27) — O other (describe below) (27) — J jet (27) — S submersible (27)

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO): 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 (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 (49) / − below (49) LAND SURFACE 4 (50–51) (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)

N

Rose Vo

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 10.17.13 "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 IDENT. NO. 256

Dana Kyker, Jr. II

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

Dana Kyker, Jr. II

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

OEP USE ONLY
(NOT TO BE FILLED IN BY DRILLER)

T	(E.R.O.S.)	W Q
70	72	74–76
TELESCOPE CASING	LOG INDICATOR	OTHER DATA

HEALTH

Page 1 of 1
Date May 7, 1987

Review dk 6-5-87 JEN

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81- 1885
Location of property (road) RESEVOIR RD
Subdivision LILLIENFIELD Lot ____ Block ____ Plat ____ Sec. ____
Well Driller KYKER Owner LAWRENCE LILLIENFIELD

Depth of well 153'
Distance of measuring point (M.P.) above ground 2'
Static water level (S.W.L.) below M.P. 30

I. High rate pumping -- reservoir drawdown

Time pump started 8:50 Am Pumping rate 15
Total time _____ to reach pumping water level _____ 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 X 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:50	30	4 Sec.		15
9:05	55	4 Sec.		15
9:20	63	4 Sec.		15
9:35	67	4 Sec.		15
9:50	70	4 Sec.		15
10:05	71	4 Sec.		15
10:20	72	4 Sec.		15
10:35	73	4 Sec.		15
10:50	73	4 Sec.		15
11:05	74	4 Sec.		15
11:20	74	4 Sec.		15
11:35	74	4 Sec.		15
11:50	74	4 Sec.		15

PHONE CALL TO CONTRACTOR INDICATED ARRANGEMENT WAS FOR OWNER TO PAY FEE. HE WILL CONTACT OWNER 10/15/91 CW

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

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

- -

New Installation ✓ Receipt # _____
Replacement ____ Date _____

Name of Installer Paul Friedman Plumbing Inc Telephone 301-881-8660

License Number 1548
Certified Well Pump Installer ____ Well Driller ____ Registered Plumber ✓

Name of Property Owner Timothy & Mary Rowan Telephone 206-9150
Subdivision Lilen Field Lot # 2 Well Tag # HO-81-1885
Site Address 8671 Reservoir Rd
Fulton MD

- -

Pump
1. Type
   a. Deep well jet ____
   b. Shallow well jet ____
   c. Submersible ✓
2. Make Gouids Pump
3. Model # 10EJ07422
4. Capacity 10 GPM
5. Pump exceeds well capacity Yes ____ No ✓
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 ✓ Cable guards ____ Other ____

Motor
1. Horsepower 3/4
2. RPM ____
3. Voltage 230
   a. 110 ____
   b. 220 ✓

Pitless Adapter
1. Make Campbell
2. Model # B-104
3. Depth ____

Tank
1. Capacity ____
2. Pressure relief valve? ____

Piping
1. Type Black Poly
2. Size 1"
3. NSF and/or BOCA Code approved ✓
4. Depth of supply line 42"

Well data
1. Depth 153 ft.
2. Yield ____ GPM
3. Static water level 30 ft.
4. Will water supply be disinfected by installer? ____

- -

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).

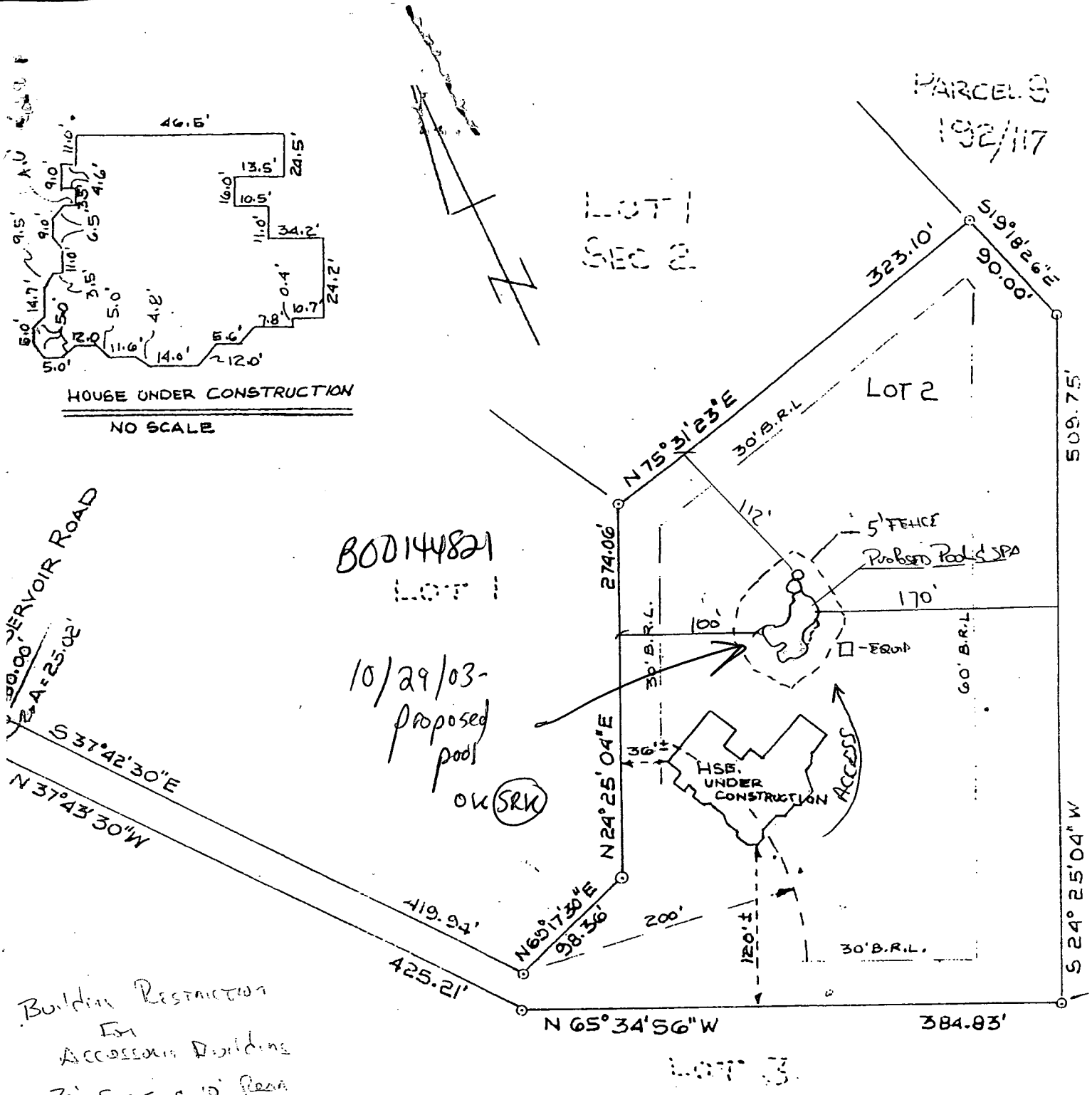
All information given above is true to the best of my knowledge.

Signature of Applicant: [signature]

Date: 10-10-91

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

HD-215 10/10/91 OK TO COVER OVERSIZE WORK PRESSURE TANK NOT YET INSTALLED RH



HOUSE LOCATION SURVEY
FOR
LOT 2
LILIENFIELD
SUBDIVISION SEC. 3
HOWARD COUNTY MARYLAND

NOTE: LOT CORNERS HAVE NOT BEEN SET BY THIS SURVEY.

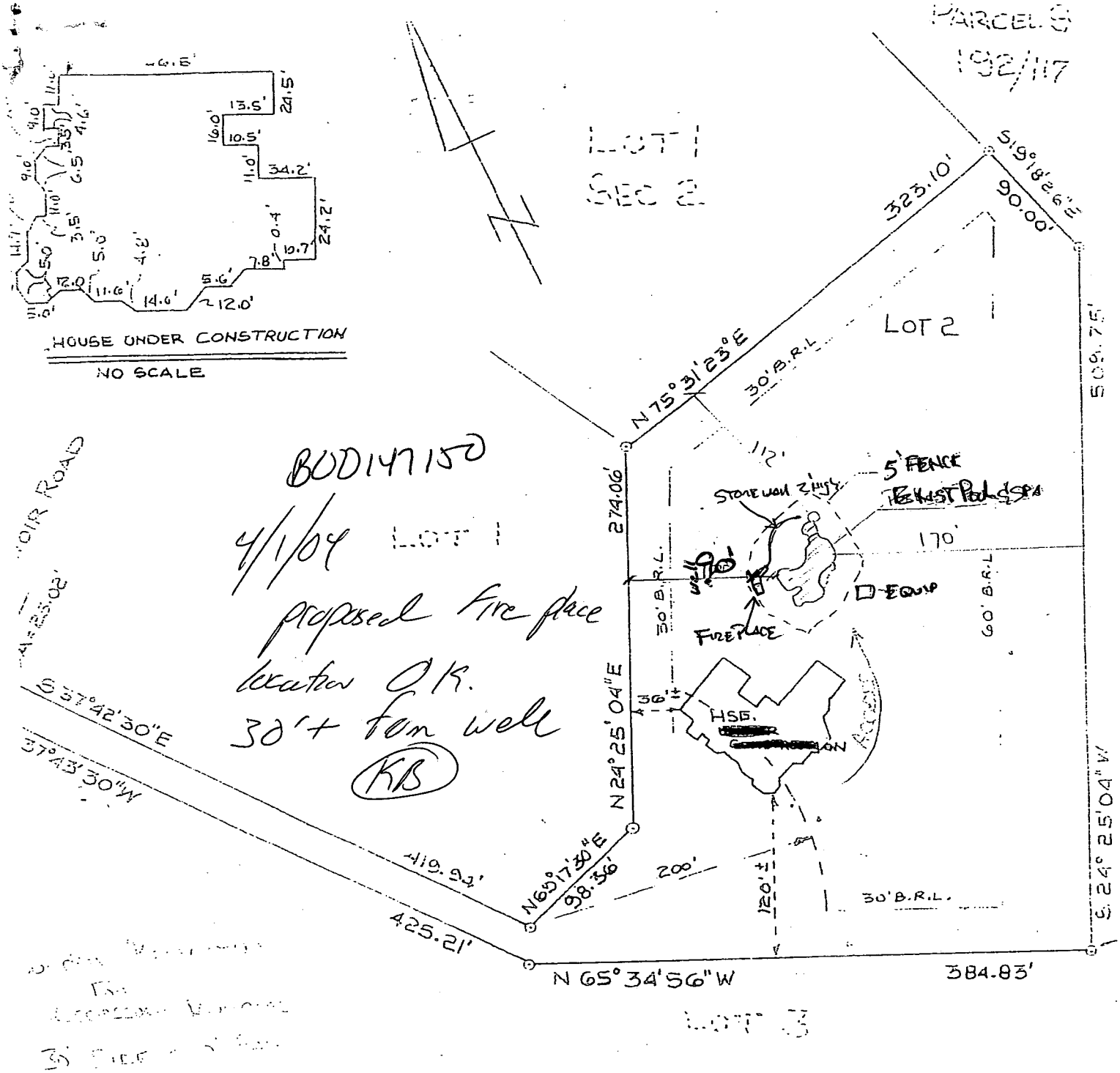
SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THE PROPERTY UNEATED HEREON IS IN ACCORDANCE WITH E PLAT OF SUBDIVISION AND DEED OF

STATE OF MARYLAND
GARY EDWARD LANE
No. 10701

MARYLAND LAND SURVEYING, INC.
LAND SURVEYORS — ENGINEERS — PLANNERS
416 MAIN STREET, SUITE 102
LAUREL, MARYLAND 20707
206-5443 FAX 206-5411

SCALE	DWG. BY:	JOB NO.
1" = 100'	G.E.L	



HOUSE LOCATION SURVEY
FOR
LOT 2
LILIENFIELD
SUBDIVISION SEC. 5
HOWARD COUNTY MARYLAND

E: LOT CORNERS HAVE NOT BEEN SET BY THIS SURVEY.

SURVEYOR'S CERTIFICATION

EREBY CERTIFY THAT THE PROPERTY

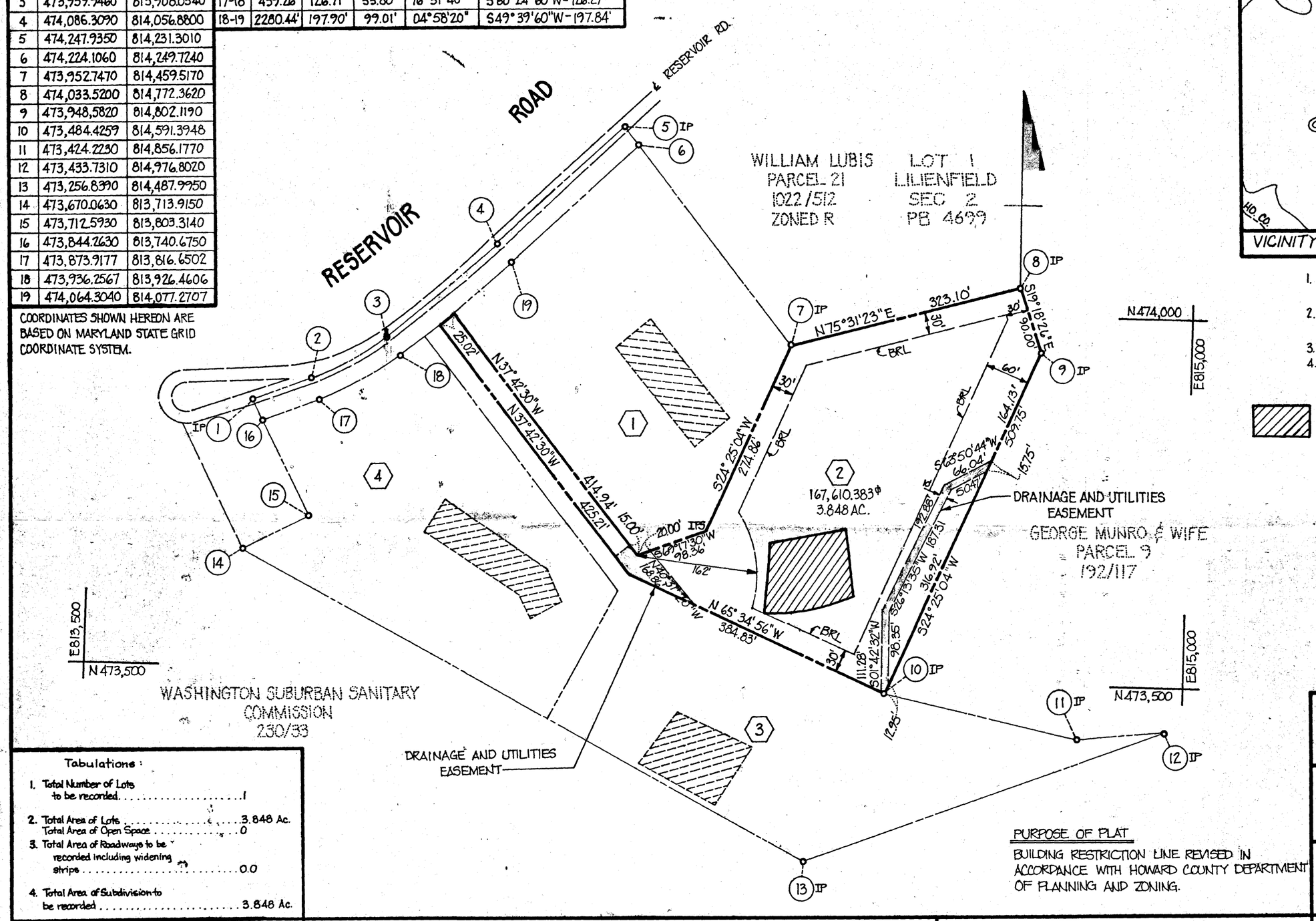
STATE OF MARYLAND

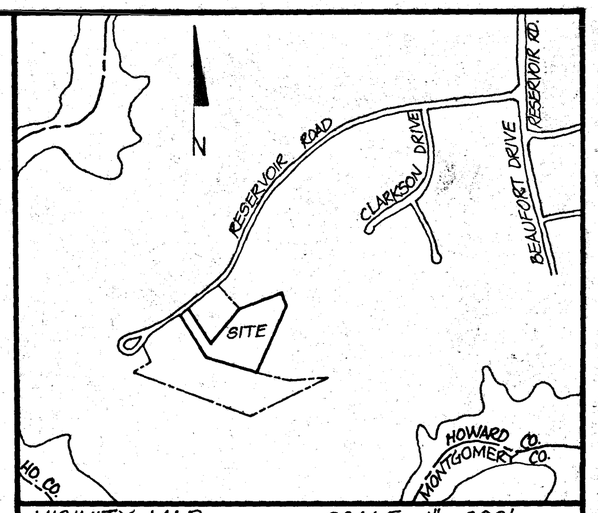
MARYLAND LAND SURVEYING, INC.
LAND SURVEYORS — ENGINEERS — PLANNERS
416 MAIN STREET, SUITE 102
LAUREL, MARYLAND 20707
205-5443
FAX 205-5411

COORDINATES		
NO.	NORTH	EAST
1	473,871.4270	813,727.7520
2	473,901.8650	813,805.7430
3	473,959.9460	813,908.0540
4	474,086.3090	814,056.8800
5	474,247.9350	814,231.3010
6	474,224.1060	814,249.7240
7	473,952.7470	814,459.5170
8	474,033.5200	814,772.3620
9	473,948.5820	814,802.1190
10	473,484.4259	814,591.3948
11	473,424.2230	814,856.1770
12	473,433.7310	814,976.8020
13	473,256.8390	814,487.9950
14	473,670.0630	813,713.9150
15	473,712.5930	813,803.3140
16	473,844.2630	813,740.6750
17	473,873.9177	813,816.6502
18	473,936.2567	813,926.4606
19	474,064.3040	814,077.2707

COORDINATES SHOWN HEREON ARE BASED ON MARYLAND STATE GRID COORDINATE SYSTEM.

CURVE DATA					
NOS.	RADIUS	LENGTH	TANGENT	Δ	CHD. BEARING & DISTANCE
2-3	409.26'	118.06'	59.44'	16°31'40"	N 60°25'01"E - 117.65'
3-4	2250.44'	195.30'	97.71'	04°58'20"	N 49°39'60"E - 195.24'
17-18	439.26'	126.71'	53.80'	16°31'40"	S 60°24'60"W - 126.27'
18-19	2280.44'	197.90'	99.01'	04°58'20"	S 49°39'60"W - 197.84'





VICINITY MAP SCALE: 1" = 800'

1. SUBJECT PROPERTY ZONED R PER 8-25-85 COMPREHENSIVE ZONING PLAN.
2. LOTS SHOWN ON THIS PLAT SHALL HAVE PRIVATE WATER AND PRIVATE SEWER.
3. FINAL PLAN SUBJECT TO VP-86-88.
4. REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPE STEM DRIVEWAY.

THIS AREA DESIGNATES A PRIVATE SEWAGE 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. THIS EASEMENT 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 SEWAGE EASEMENT SHALL NOT BE NECESSARY.

RECORDED AS PLAT NO. 9791 ON 2/21/91 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

MARYLAND LAND SURVEYING, INC.
LAND SURVEYORS · ENGINEERS · PLANNERS
416 MAIN STREET, SUITE #102
LAUREL, MARYLAND 20707
301 - 206 - 5443

OWNER

TIMOTHY M. ROWAN & MARY E. ROWAN
10518 EDGEMONT DRIVE
ADELPHI, MD 20783

Tabulations:

1. Total Number of Lots to be recorded 1
2. Total Area of Lots ..... 3.848 Ac.
   Total Area of Open Space 0
3. Total Area of Roadways to be recorded including widening strips 0.0
4. Total Area of Subdivision to be recorded ..... 3.848 Ac.

PURPOSE OF PLAT

BUILDING RESTRICTION LINE REVISED IN ACCORDANCE WITH HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

APPROVED: For private water and private sewerage systems in conformance with the Master Plan of Water and Sewer for Howard County.

Joseph Boulin — 2/7/91
Howard County Health Officer — Date

APPROVED: Howard County Department of Planning and Zoning.

Joseph Kelly — 2/19/91
A/Director — Date JP

APPROVED: For storm drainage systems, public road, and water, Howard County Department of Public Works.

James N. Irwin — 2/14/91
Director — Date JH

OWNER'S CERTIFICATE

We, Timothy M. Rowan and Mary E. Rowan, owners of the property shown and described hereon, hereby adopt this plan of subdivision, and in consideration of the approval of this final plat by the Department of Planning and Zoning, establish the minimum building restriction lines and grant unto Howard County, Maryland, its successors and assigns, (1) the right to lay, construct and maintain sewers, drains, water pipes and other municipal utilities and services in and under all roads and street rights-of-way and the specific easement areas shown hereon; (2) the right to require dedication for public use the beds of the streets and/or roads and flood plains and open space where applicable and for good and other valuable consideration, hereby grant the right and option to Howard County to acquire the fee simple title to the beds of the streets and/or roads and flood plains, storm drainage facilities and open space where applicable; (3) the right to require dedication of waterways and drainage easements for the specific purpose of their construction, repair and maintenance; and (4) that no building or similar structure of any kind shall be erected on or over the said easements and rights-of-way.

Witness my/our hands this 15 day of JAN., 1991.

Timothy M. Rowan — Witness: Peter A. Andersen
Timothy M. Rowan

Mary E. Rowan — Witness: Peter A. Andersen
Mary E. Rowan

SURVEYOR'S CERTIFICATE

I hereby certify that the final plat shown hereon is correct; that it is a subdivision of part of the lands conveyed by Lawrence S. Lilienfield, Sole Surviving Trustee, to Timothy M. Rowan and Mary E. Rowan, his wife, by deed dated January 26, 1988 and recorded in the land records of Howard County in Liber 1779, Folio 472 and that all monuments are in place or will be in place prior to the acceptance of the Plat of Revision by Howard County as shown, in accordance with the annotated code of Maryland, as amended.

Gary E. Lane — Reg. No. 574 — 1-15-91 Date

PLAT OF REVISION LILIENFIELD SUBDIVISION SEC. 3

Signed — LOT 2 — File Copy
RECORDED PLAT #7329

5th ELECTION DISTRICT — HOWARD COUNTY, MD.
TAX MAP NO. 45 — PARCEL NO. 7
SCALE: 1" = 100' — ZONED: R
DATE: JAN. 14, 1991 — P & Z: VP-86-88, F-87-79

F-91-104