

10/30/91

PERMIT

05-409209

SEWAGE DISPOSAL SYSTEM

P 47583

A 38838

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEX - TIME EXPIRED FOR F.C.O.P.

DISTRICT 5th

DATE 10/25/91

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

COMPLIANCE

DATE SYSTEM APPROVED 10/30/91

INDEXED 9/0/93 C. Williams / CR

INSPECTOR RH

Custom Excavating

IS PERMITTED TO INSTALL X ALTER

ADDRESS 12789 Folly Quarter Road, Ellicott City, MD 21043 PHONE 531-2876

SUBDIVISION Ridgewood LOT 4 ROAD 13309 Springwood Court

PROPERTY OWNER DAVID or Milton F. Borkowski

ADDRESS

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Place the distribution box 290 feet down the left (797.47') lot line and 100 feet off the same lot line when facing the lot from Springwood Court. Run trenches on contour toward the left lot line. Maintain a minimum of 100 feet from the well.

Note - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. O/C 8/7/91 RH

PLANS APPROVED BY Jane E. Nadeau/Ray Hodges cm DATE 7/26/91

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

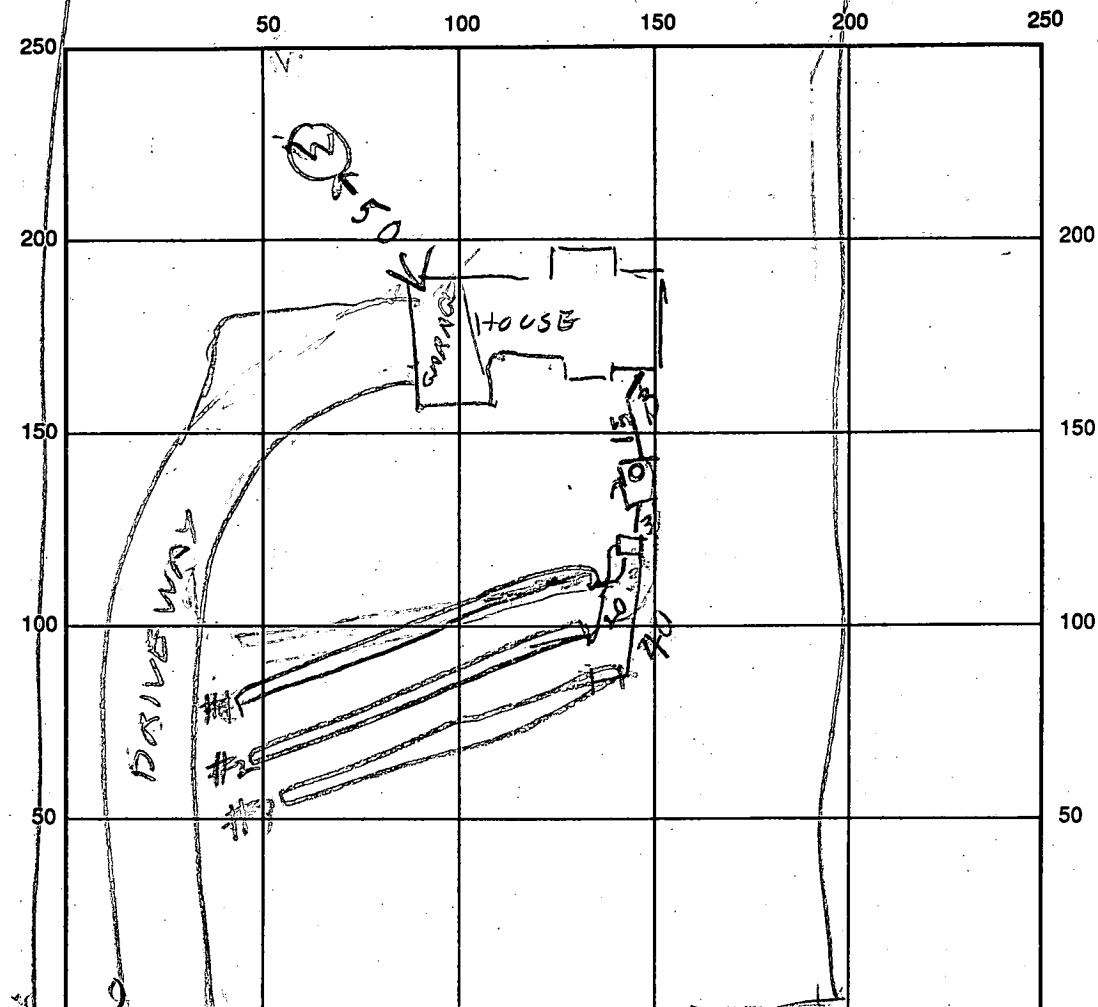
PERMIT VOID AFTER TWO YEARS

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**

A 38838



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SPRING WOOD

SEPTIC TANK LEVEL OK 1500

CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5 FT.

TRENCH WIDTH 3 FT.

INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT.

TOTAL LENGTH 100/100/100 300

NUMBER OF TRENCHES 3

~~ONE-SIDEWALL~~ BOTTOM AREA 900 SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT.

EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS: 10/30/91 - LOCATION OK PER PLANS TRENCHES OK

DATE SYSTEM APPROVED

10/30/91

INSPECTOR

Raymond Hodge

APPLICATION

PERCOLATION TESTING

A 08838

P _____

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

5-21-87
perc ok'd pending
approved plat
JN/BN

DISTRICT _____

DATE 2/26/87

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 Royden A. Blunt Milton F. Borkowski
c/o F.A.M. Equities, Inc. 233 E. Redwood Street.
ADDRESS Baltimore, MD 21202 PHONE _____

PROSPECTIVE BUYER F.A.M. Equities, Inc.
802 Garrett Bldg., 233 E. Redwood Street
ADDRESS Baltimore, MD 21202 PHONE 301-685-8588

PROPERTY LOCATION: Intersection of Rt. 32 and Folly Quarter Road

SUBDIVISION Ridgewood (13304 Springwood Court) LOT NO. 4 on Prelim

ROAD AND DESCRIPTION Public CT B

TAX MAP 22 PARCEL # 160
SIZE OF LOT 4.0 Ac TYPE BLDG. Single Family
(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. Wigand H. Theimer (Agent for F.A.M. Eq.)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR BLDG. PERMIT SIGNED DATE _____

REJECTED BY _____ FOR AND RETURNED DATE _____
Serial # 38694 3 Bedrooms

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for field located holes and subdivision plat

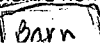
THIS IS NOT A PERMIT

174 Ø / BD

11.5	Bottom
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11.5 Bottom

TESTED BY: J. Nadeau / B. Nixon ALSO PRESENT: Jeff, Chris



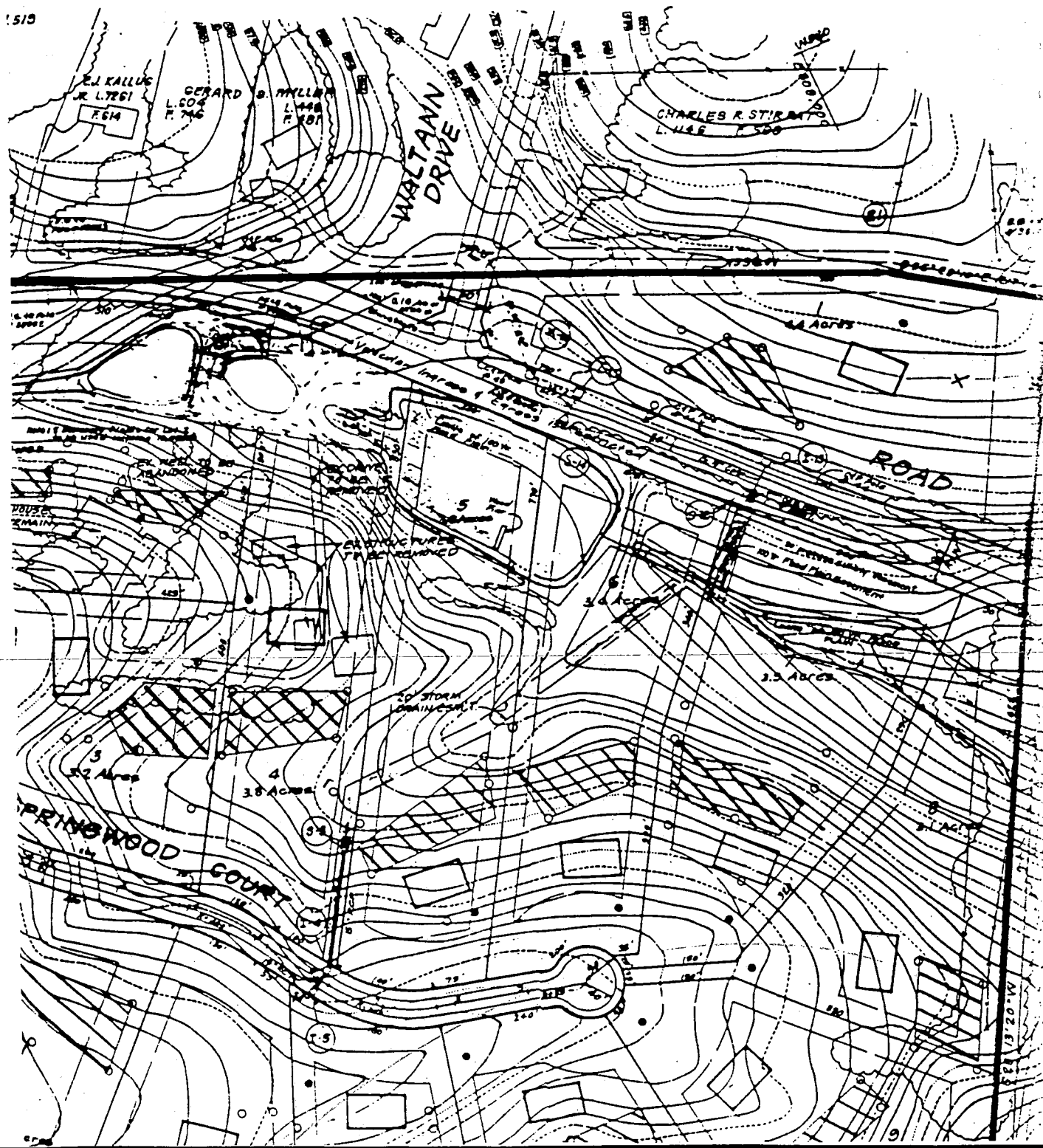
TESTED BY

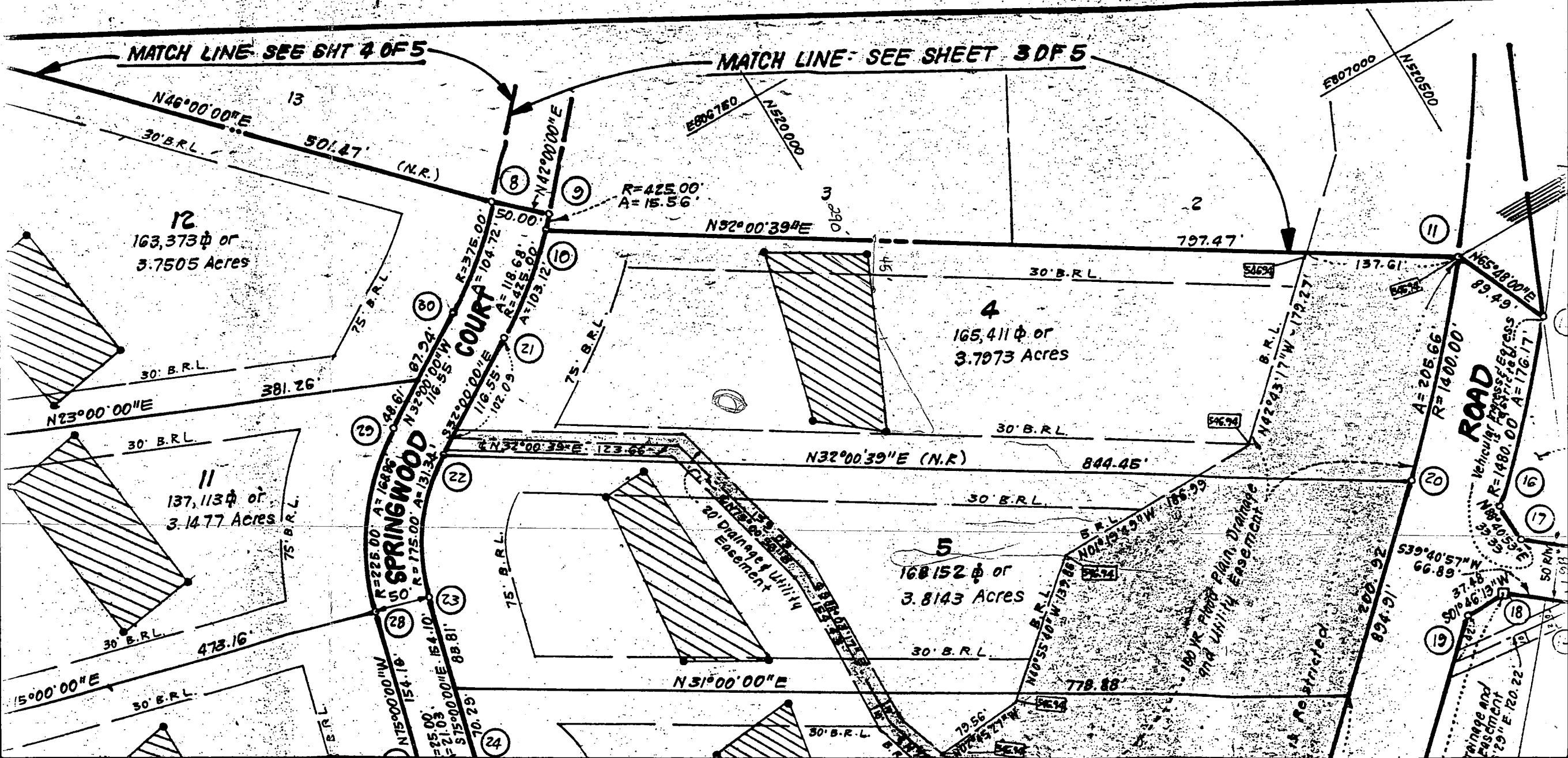
ALSO PRESENT

Jeff, Chris

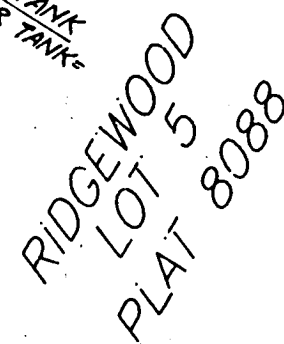
EH-12-1079

Ridgewood
signed preliminary

$$1'' = 200'$$


$$\begin{array}{r} 180 \\ 3 \overline{) 540} \end{array}$$


N520000



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IMPORTANT! PLEASE
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and on the job is a
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Payable to: DIRECTOR
TIONS (IF ANY)
CE IN FEET, REAR YD. NE
DE BUILDING LINE
ANCE IN FEET FROM SIDE
VARD
ANCE IN FEET FROM R/W
CODE
CONSTRUCTION DIST
11/15/00

B 7 1560 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER HO-81-2580 fill in this form completely
Date Received (APA) 122287		LOCATION OF WELL B 3 HOWARD COUNTY SPRINGWOOD SUBDIVISION ELLSKILL LAKE SECTION 44 LOT 4 GLENEIG NEAREST TOWN MILES FROM TOWN (enter 0 if in town) 1 MI	
OWNER INFORMATION Last Name R D Owner CONTRACTORS First Name TNC Street or RFD 9048 FURROW AVE Town ELLISPORT CITY State MD Zip 21043		DRILLER INFORMATION Driller's Name George F. Easterday License No. 80 Firm Name L. Franklin Easterday, Inc. Address 9265 Brown Church Rd., Mt. Airy, Md. 21771 Signature <i>George F. Easterday</i> Date 12/18/87	
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500		DIRECTION OF WELL FROM TOWN (CIRCLE BOX) NEAR WHAT ROAD SPRINGWOOD COURT ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD ENTER FT or MI FT	
USE FOR WATER (CIRCLE APPROPRIATE BOX) ☐ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) ☒ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) ☐ PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) ☐ TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME HOWARD COUNTY NO. A 38838 STATE SIGNATURE _____ INSERT S. _____ DATE ISSUED 01/18/88 CO-SIGNATURE <i>B. J. [illegible]</i> EXP. DATE 07/18/88 NORTH GRID 520 0 0 0 EAST GRID 0807 0 0 0	
APPROXIMATE DEPTH OF WELL 700 FEET APPROXIMATE DIAMETER OF WELL 6 INCH		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 	
METHOD OF DRILLING (circle one) BORED (or Augered) ☒ JETTED ☐ Jetted & DRIVEN ☐ AIR-ROTARY ☐ AIR-PERCussion ☐ ROTARY (Hydraulic Rotary) ☐ CABLE ☐ REVERSE-ROTARY ☐ DRIVE-POINT ☐		REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) ☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY ☐ THIS WELL WILL DEEPMEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____	
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER _____ GAP _____ FORCE 68 INITIALS BA PERMIT NO. HO-81-2580		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 NEEDED FOR PRELIM S/D APPROVAL			

SEQUENCE NO.
(OEP 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 **A 38838**

DATE RECEIVED

DATE WELL COMPLETED

Depth of Well
22 **400** 26
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
HO-51-2500

OWNER **CONTRACTORS** **R.D.**
STREET OR RFD **SPRINGWOOD COURT** first name TOWN **GLENELG**
SUBDIVISION **RIDGEWOOD** SECTION LOT **4**

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

topsoil 0 1
Red clay 1 6
Red mica 6 20
brown mica 20 57
gray mica 57 65
brown mica 65 75
gray mica 75 400

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

yes **Y** no **N**

TYPE OF GROUTING MATERIAL

CEMENT **CM** BENTONITE CLAY **BC**

NO. OF BAGS **11** NO. OF POUNDS **1780**

GALLONS OF WATER **85**

DEPTH OF GROUT SEAL (to nearest foot)
from **0** ft. to **48** ft.
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below

ST **CO**
STEEL CONCRETE
PL **OT**
PLASTIC OTHER

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

5+ **6** **63**

OTHER CASING (if used)

diameter depth (feet)
inch from to

SCREEN RECORD

screen type
or open hole
insert
appropriate
code
below

ST **BR** **HO**
STEEL BRASS OPEN
PL **OT**
PLASTIC HOLE
OTHER

C2

DEPTH (nearest ft.)
HO **61** **400**

SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH)

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.) WQ
70 72 74 75 76
TELESCOPE LOG OTHER DATA
CASING INDICATOR

C3

PUMPING TEST

HOURS PUMPED (nearest hour) **6**

PUMPING RATE (gal. per min. to nearest gal.) **2**

METHOD USED TO
MEASURE PUMPING RATE **Benchet**

WATER LEVEL (distance from land surface)

BEFORE PUMPING **31**

WHEN PUMPING **195**

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**
(CIRCLE YES or 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) **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** **2** (nearest foot)
- below

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)

Folly Quarter
300'
60'
60'
drive way

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. **40**
George F. Easterday
DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)
Robert K. Huebner
SITE SUPERVISOR (sign of driller or journeyman
responsible for sitework if different from permittee)

DRILLER

2-18-88

Water 65-75 ✓

Page _____ of _____
Date _____

8:00

Jhur

Review OK 10/31/91 CW

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2500

Location of property (road) SPRINGWOOD COURT

Subdivision RIDGEWOOD Lot 4 Block _____ Plat _____ Sec. _____

Well Driller GEORGE SASTERDAY Owner CONTRACTORS, R.D.

Depth of well 400 16 PM

Distance of measuring point (M.P.) above ground 24"

Static water level (S.W.L.) below M.P. 31'

I. High rate pumping -- reservoir drawdown

Time pump started 8:30

Pumping rate 10 GPM

Total time 30 min to reach pumping water level 191 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 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:15	190	30 Sec	Pump Set 350'	2
9:30	192	35 Sec	See Worksheet	1.7
9:45	194	38 Sec		1.5
10:00	195	38 Sec		1.5
10:15	195	38 Sec		1.5
10:30	195	38 Sec		1.5
10:45	195	38 Sec		1.5
11:00	195	38 Sec		1.5
11:15	195	38 Sec		1.5
11:30	195	38 Sec		1.5
11:45	195	38 Sec		1.5
12:00	195	38 Sec		1.5
12:15	195	38 Sec		1.5
12:30	195	38 Sec		1.5
12:45	195	38 Sec		1.5
1:00	195	38 Sec		1.5
1:15	195	38 Sec		1.5
1:30	195	38 Sec		1.5
1:45	195	38 Sec		1.5
2:00	195	38 Sec		1.5
2:15	195	38 Sec		1.5
2:30	195	38 Sec		1.5
2:45	195	38 Sec		1.5
3:00	195	38 Sec		1.5
HB-245	195	38 sec		1.5

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 ☒
Replacement ☐

Receipt # WPI 47572
Date 10/24/91

Name of Installer LA MECHANICAL INC.

Telephone 750-1067

License Number 395

Certified Well Pump Installer ☐ Well Driller ☐ Registered Plumber ☒

Name of Property Owner DAVIN HILTON BORKOWSKI

Telephone 988-9151

Subdivision RIDGE WOOD Lot # 4

Well Tag # HO-81-2500

Site Address 13309 SPRINGWOOD CT.

Pump

- Type
 - Deep well jet ☐
 - Shallow well jet ☐
 - Submersible ☒
- Make SACU271
- Model #
- Capacity 7 GPM
- Pump exceeds well capacity Yes ☒ No ☒
- If Yes, is low pressure cutoff switch installed? Yes ☐ No ☐
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ☒ Cable guards ☒ Other ☐

Motor

- Horsepower
- RPM
- Voltage
 - 110
 - 220

Pitless Adapter

- Make
- Model #
- Depth

Tank

- Capacity
- Pressure relief valve?

Piping

- Type
- Size
- NSF and/or BOCA Code approved
- Depth of supply line

Well data

- Depth ft.
- Yield GPM
- Static water level ft.
- Will water supply be disinfected by installer? ☐

P.A. OK per RH 10/18/91

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: OCT 24, 1991

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