

2/15/00
2:00
C.O. & WPT
2/23/00 2:00 1:30

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 513243
A 56430-D
~~88822325~~

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXXX~~ 410-313-2640

INDEXED
03-327698

DISTRICT _____

DATE 1/27/00

DATE SYSTEM APPROVED 2/23/00

INSPECTOR BB

Lehsac Plumbing & Heating IS PERMITTED TO INSTALL ALTER _____

ADDRESS 202 Azar Court, Baltimore, MD 21227 PHONE 410-242-6888

SUBDIVISION Gaither Hunt LOT 55 ROAD 12017 Open Run Court

PROPERTY OWNER Ryan Homes

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 145 feet from front (89.90') lot line and 15 feet from left lot line (461.29') as viewed from Open Run Road. Install trenches on contour toward right lot line.

NOTES - MAINTAIN 100 FEET MINIMUM SEPARATION DISTANCE BETWEEN WELL AND ALL PARTS OF SEPTIC SYSTEM. No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. ON SRV 8/24/99

PLANS APPROVED BY Ronald J. Pinkley DATE 8-03-1999

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

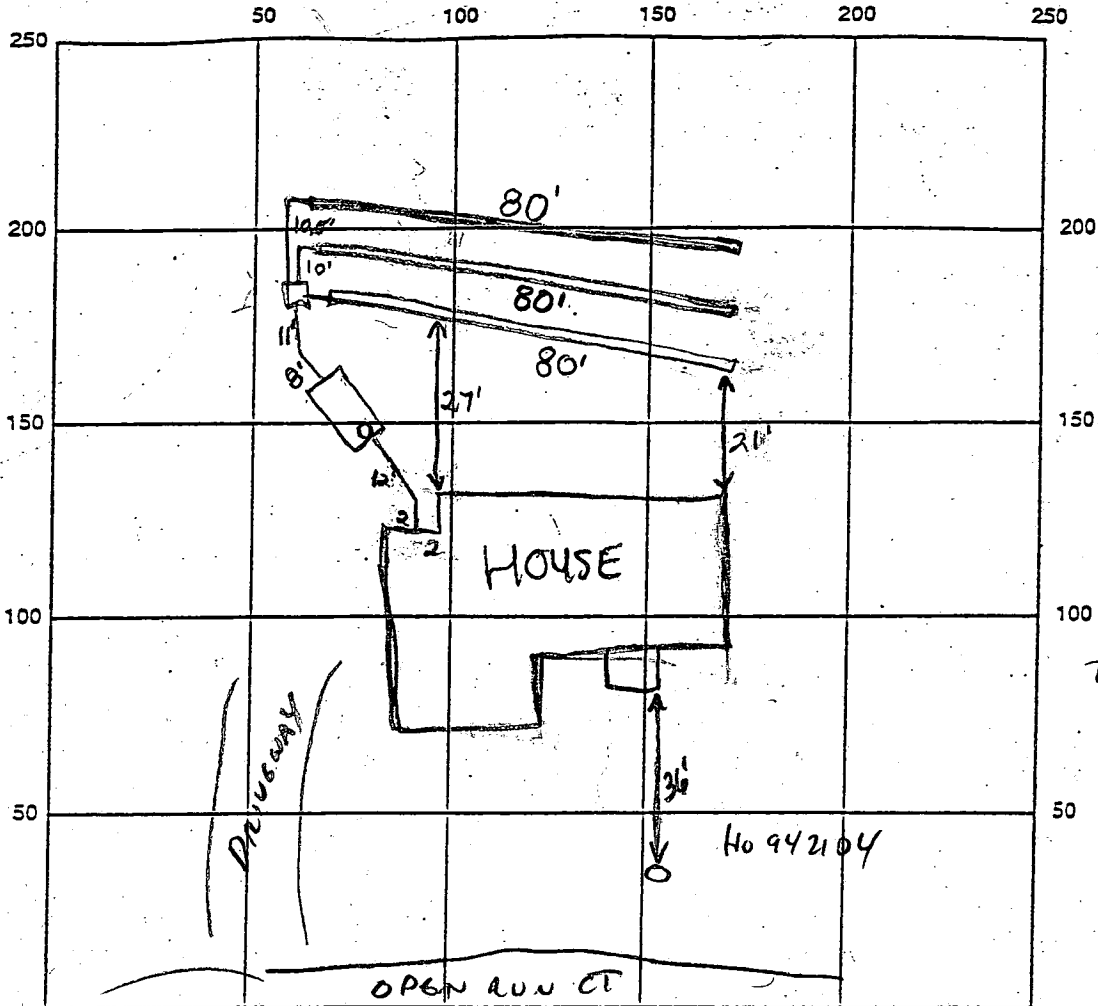
*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

BUDG. PERMIT 8000
AND RETURNED 800122582
Deck

56430-D

NOT TO SCALE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

PITLESS
4 WALL UNIT
4' D.G.
(LENSAC)
2/15/00 CW

TANK BY
CABRIGUE
CONCRETE
410-848-0850
8 BULLET
DISTRIBUTION BOX!

SEPTIC TANK LEVEL 1250 gal. center room CLEANOUTS 1-8" Tank

DISTRIBUTION BOX LEVEL O.K.

DRAIN FIELD/TILE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 240 FT.

NUMBER OF TRENCHES 3 ~~RESIDUAL~~ BOTTOM AREA 720 SQ. FT.

DRYWELL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 2/15/00 TANK INSTALLATION IN PROGRESS OK TO COVER. OK TO INSTALL

3 TRENCHES OF SLIGHTLY UNEQUAL TRENCH LENGTH FOR MAXIMUM USE OF AVAILABLE AREA (CW)

2/17/00 Installer said house connection made. Distribution box placed slightly outside of easement to allow for 3-80' trenches. O.K. to cover everything.

DATE SYSTEM APPROVED 2/23/00 INSPECTOR B. Baker

APPLICATION

PERCOLATION TESTING

A 56429

P _____

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

DISTRICT _____

DATE 3-27-96

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 J Thomas Scrivener Ryan Homes

ADDRESS c/o Land Design & Development PHONE 410 740 5176

AGENT OR PROSPECTIVE BUYER Donald R. Reuwer Jr

ADDRESS 10805 Hickory Ridge Rd PHONE _____
21044

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 28 55V

ROAD AND DESCRIPTION 12017 Open Run Court

TAX MAP 29 PARCEL # 21

IND. PERMIT SIGNATURE

~~NOT RETURNED~~ 8-3-99
Seal # 610 117105

SIZE OF LOT 1+ Acres TYPE BLDG. SFD - 4 Bmw
(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

56429

COUNTY #

LOT 73

SOIL PROFILE 199+200

TOPSOIL

6"-11"

SOIL PROFILE 202

TOPSOIL

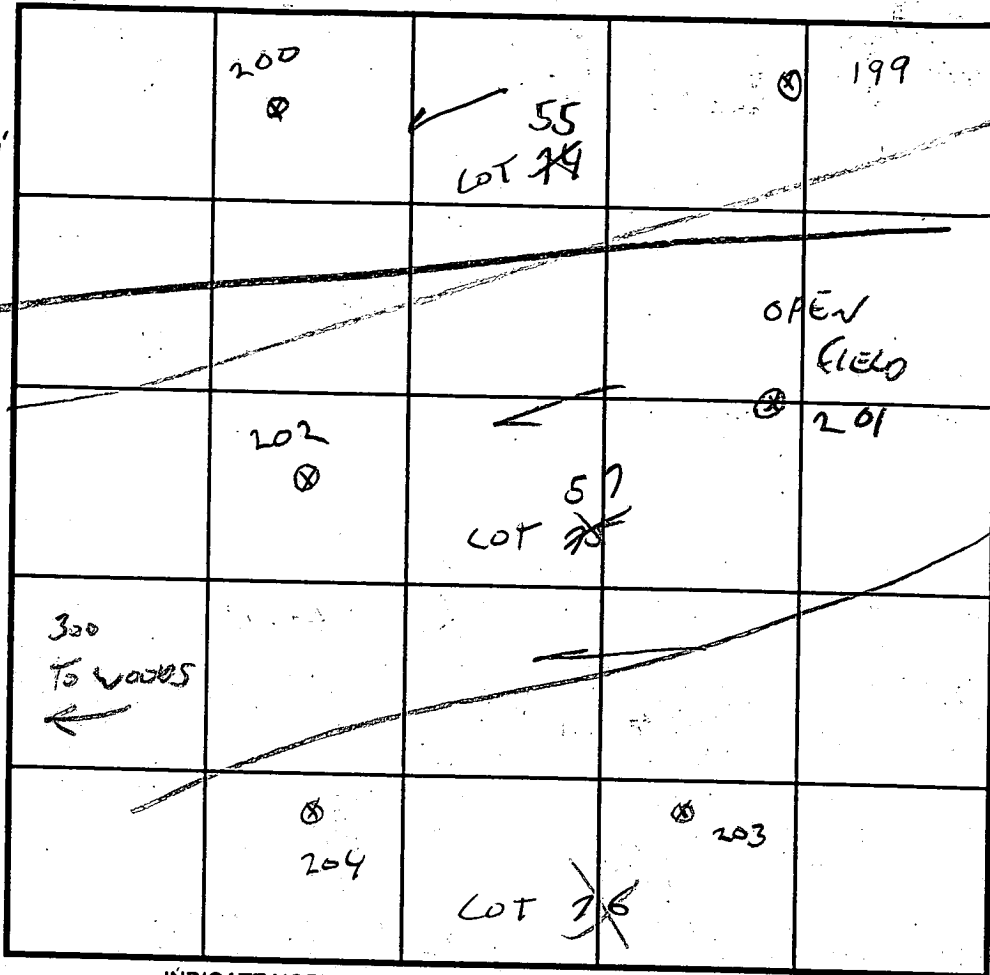
DARK

RED SANDY CLAY LOAM

2 BROWN CL

DULL ORANGE/TAN SCL

11'6"



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-27-86	202	4' 6"	1:49	1:53	1:53	2:06	13 MIN
	201	4' 6"	1:55	1:56	1:56	1:59	3 MIN
	ROCK AT 11" 200	4' 6"	2:06	2:08	2:08	2:12	4 MIN
	199	5' 6"	2:16	2:19	2:19	2:24	5 MIN

REMARKS LOT 75, 74 LOT 56 NOT SHOWN

TYPE OF SOIL

TESTED BY G. SAUSAGE

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

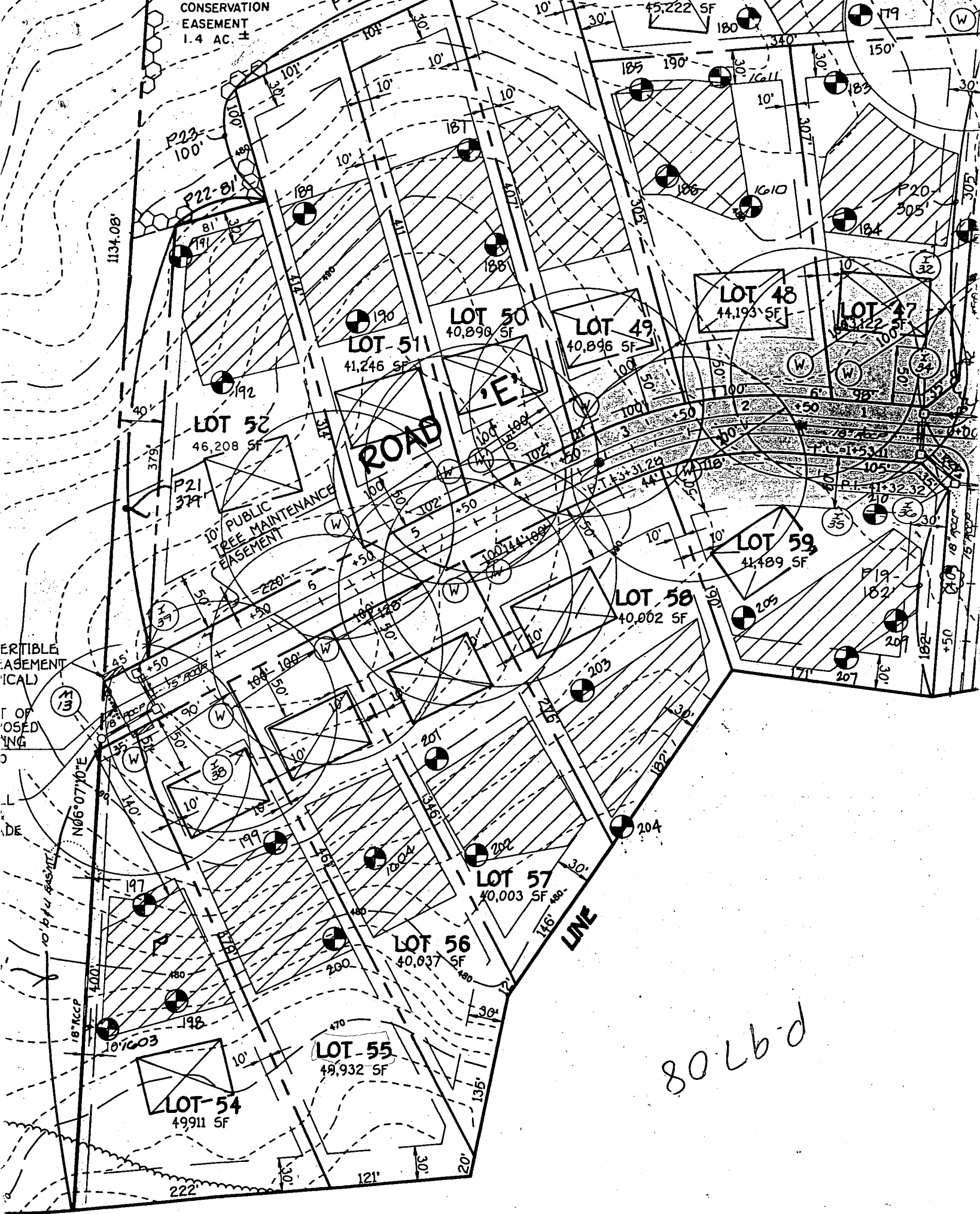
TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

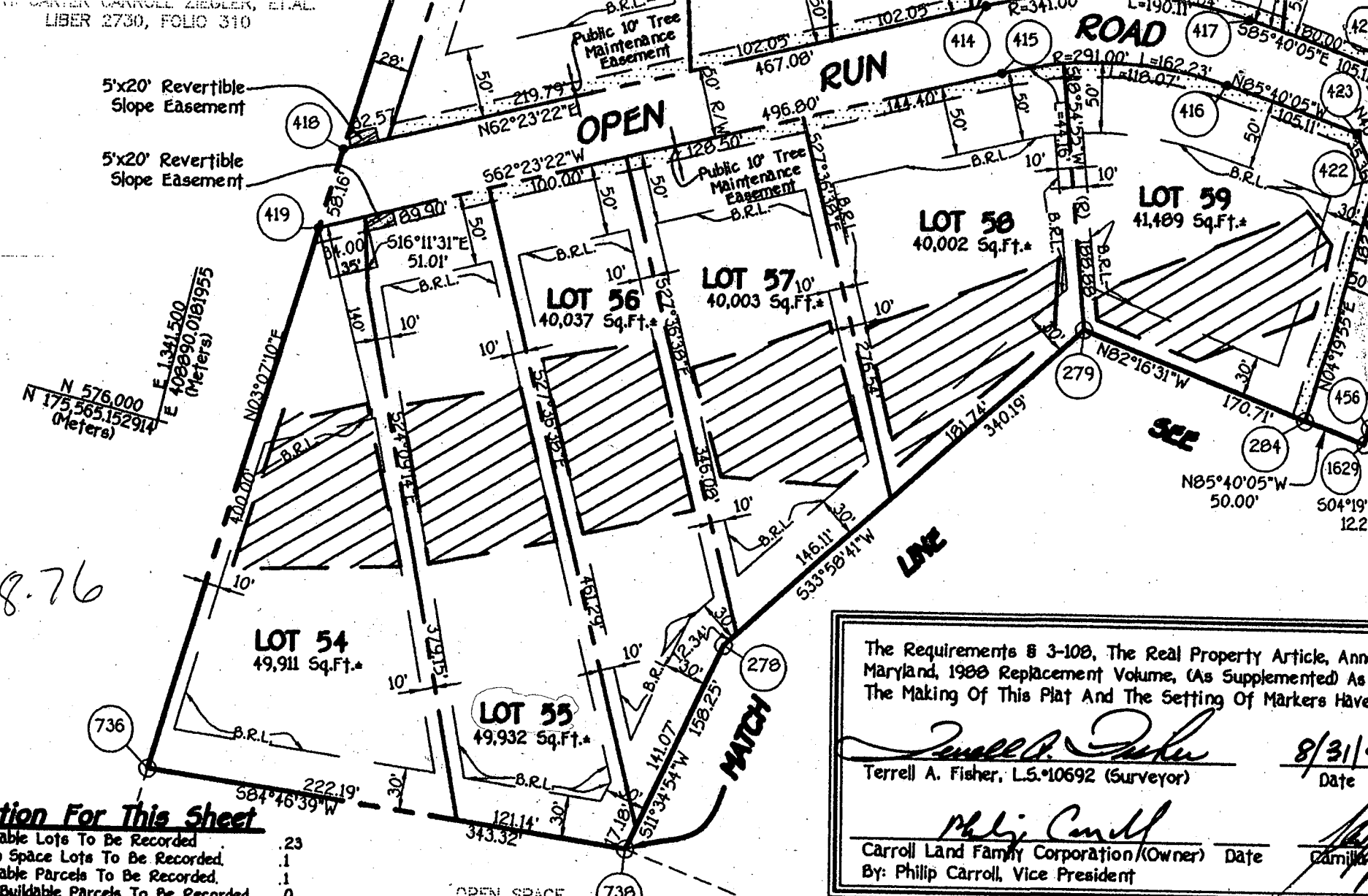
SQ. FT./BEDROOM

CONSERVATION
EASEMENT
1.4 AC. ±



8026-d

ATCH



N 576.000
E 1088.900
E 1341.500
E 4088.900
(Meters)

F. 98.76

Area Tabulation For This Sheet

Total Number Of Buildable Lots To Be Recorded	.23
Total Number Of Open Space Lots To Be Recorded	.1
Total Number Of Buildable Parcels To Be Recorded	.1
Total Number Of Non-Buildable Parcels To Be Recorded	.0
Total Number Of Lots And Parcels To Be Recorded	.25
Total Area Of Buildable Lots To Be Recorded	.23,790 Ac.±
Total Area Of Open Space Lots To Be Recorded	.1493 Ac.±
Total Area Of Non-Buildable Parcels To Be Recorded	.0,000 Ac.±
Total Area Of Buildable Parcels To Be Recorded	.6,970 Ac.±
Total Area Of Lots And Parcels To Be Recorded	.32,253 Ac.±
Total Area Of Roadway To Be Recorded	.2,521 Ac.±
Total Area To Be Recorded	.34,774 Ac.±

The Requirements § 3-108, The Real Property Article, Ann
Maryland, 1988 Replacement Volume, (As Supplemented) As
The Making Of This Plat And The Setting Of Markers Have

Terrell A. Fisher
Terrell A. Fisher, L.S.#10692 (Surveyor) 8/31/11
Date

Philip Carroll
Carroll Land Family Corporation (Owner) Date
By: Philip Carroll, Vice President

GATHER HUNT
SECTION 1, AREA 1
PLAT No. 13211

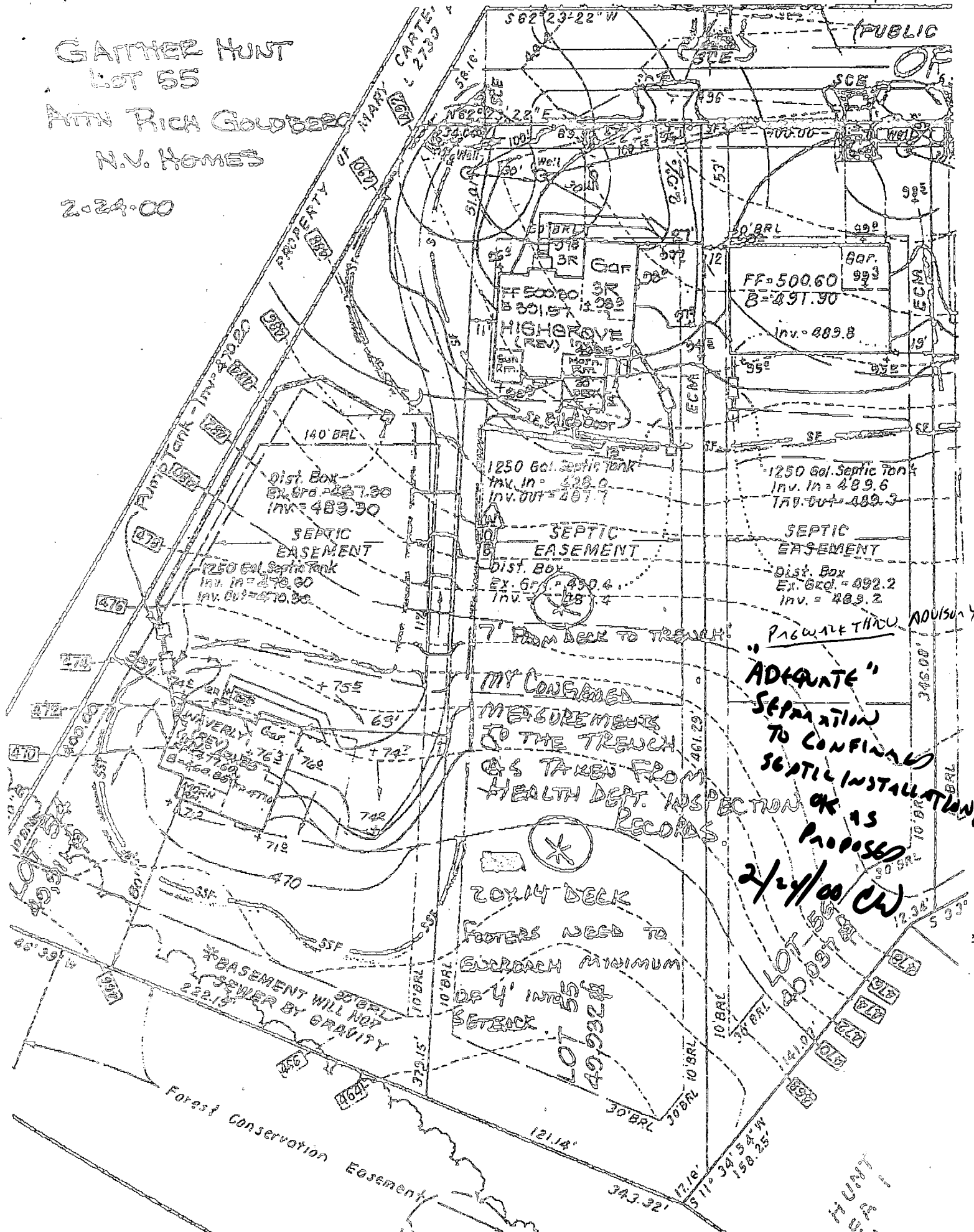
Camilla Carroll
4400 Manor Lane
Ellicott City, Maryland 21042

OWNER'S CERTIFICATE

Carroll Land Family Corporation, By Philip Carroll, Vice-President, And Camilla Carroll, Owners Of The Proper
Described Hereon, Hereby Adopt This Plan Of Subdivision, And In Consideration Of The Approval Of This Final
Department Of Planning And Zoning, Establish The Minimum Building Restriction Lines And Grant Unto Howa
Maryland, Its Successors And Assigns: (1) The Right To Lay, Construct, And Maintain

Approved: For Private Water And Private Sewerage Systems,
ward County Health Department.

GARNER HUNT
 LOT 55
 ATTN RICH GOLDBERG
 N.V. HOMES
 2-24-00



7' FROM DECK TO TRENCH
 MY CONFIRMED
 MEASUREMENTS
 TO THE TRENCH
 WAS TAKEN FROM
 HEALTH DEPT. INSPECTION
 RECORDS.

PROVIDE THRU ADVISORY
 "ADEQUATE"
 SEPARATION
 TO CONFIRMED
 SEPTIC INSTALLATION
 OR AS
 PROPOSED
 2/24/00 CW

20x14 DECK
 FOOTERS NEED TO
 EXCEED MINIMUM
 OF 4' INTO
 SETBACK.

*BASEMENT WILL NOT
 SEWER BY GRAVITY
 2:22:18

Forest Conservation Easement

C1 9888

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

COUNTY NUMBER A56429T

DATE RECEIVED MM DD YY

DATE WELL COMPLETED MM DD YY

DEPTH OF WELL (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER, STREET OR RFD, TOWN, SUBDIVISION, SECTION, LOT

WELL LOG

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Brown soil, Brown sandstone, HARD GREEN GRANITE.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N). TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC).

CASING RECORD

MAIN CASING TYPE (ST, PL, CO, OT), Nominal diameter top (main) casing, Total depth of main casing.

OTHER CASING (if used)

Other casing diameter and depth information.

SCREEN RECORD

screen type or open hole (ST, BR, HO, PL, OT).

DEPTH (nearest ft.)

Table with columns: E, A, C, H, S, R, E, N. Rows for casing depths and slot sizes.

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q.

TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

C3

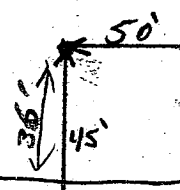
PUMPING TEST

HOURS PUMPED (nearest hour) 3. PUMPING RATE (gal. per min.) 12. METHOD USED TO MEASURE PUMPING RATE Watch & Bucket.

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) NO. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29.

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



Right Prop. Line

7/14/99 Front Prop. Line

B 1 5134 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER HO-94-2104 fill in this form completely

Date Received (APA) 01 26 99 OWNER INFORMATION Russell Development 8808 Centre Park Dr. Suite 209 Columbia MD 21045

LOCATION OF WELL Howard 8 COUNTY 21 Gaither Hunt 23 SUBDIVISION 42 SECTION 1 LOT 55 44 46 48 50 Ellicott City 52 NEAREST TOWN 71 MILES FROM TOWN 4 MI

DRILLER INFORMATION Michael Barlow MWD 355 Driller's Name License No. Michael Barlow Well Drilling Firm Name 912 Eawn Pt. Toppe Md 21085 Address Signature Date 1-21-99

DIRECTION OF WELL FROM TOWN (CIRCLE BOX) N NE E S SE SW W NW ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) OPEN AUN RD NEAR WHAT ROAD 30 DISTANCE FROM ROAD 30 FT ENTER FT OR MI TAX MAP: BLK: PARCEL

WELL INFORMATION APPROX. PUMPING RATE 5 (GAL. PER MIN.) AVERAGE DAILY QUANTITY NEEDED 500 (GAL. PER DAY)

USE FOR WATER: (CIRCLE APPROPRIATE BOX) DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, DEWATERING PUBLIC WATER SUPPLY WELL TEST, OBSERVATION, MONITORING GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard Co A56429T COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 02 11 99 A M M 00 02 11 00 CO SIGNATURE EXP. DATE NORTH GRID 515 000 EAST GRID 830 000

APPROXIMATE DEPTH OF WELL 200 FEET APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 830 N 515

METHOD OF DRILLING (circle one) BORED (or Augered) AIR-ROTARY CABLE other JETTED AIR-PERCUSSOR REVERSE-ROTARY Jetted & DRIVEN ROTARY (Hydraulic Rotary) DRIVE-POINT

REPLACEMENT OR DEEPEENED 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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS THIS WELL WILL DEEPEEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEENED (IF AVAILABLE)

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

Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER GAP PERMIT No. HO-94-2104

SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

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

~~401-9038~~
313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date 2/23/2000

Name of Installer LEHSAC CORP.

Telephone 410-242-6888

License Number 3344

Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner RYAN

Telephone 410-654-0501

Subdivision GAITHER HUNT Lot # 55

Well Tag # MO-94-2104

Site Address 12017 OPEN RUN CT.

Pump

- Type
 - Deep well jet
 - Shallow well jet
 - Submersible

Motor

- Horsepower 3/4
- RPM _____
- Voltage _____
 - 110 _____
 - 220

Pitless Adapter

- Make WILKINS
- Model # _____
- Depth 42"

2. Make JACOZZI

3. Model # T75412 B-52

4. Capacity 7 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 _____

Tank

- Capacity 86 GAL
- Pressure relief valve? YES

Piping

- Type 160 lb.
- Size 1"
- NSF and/or BOCA Code approved
- Depth of supply line 42"

Well data

- Depth 175 ft.
- Yield 12 GPM
- Static water level 60 ft.
- Will water supply be disinfected by installer? YES

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.

2/15/00 - WPI ON CW^{SRU} Signature of Applicant: Ed Penzo

Date: 2/23/2000

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

