

7/12/94
1 PM
7/14/94
Fence 2 PM

Tap ID - 05-414644

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50093A

A 43075

DISTRICT 5th

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

DATE 06/20/94

DATE SYSTEM APPROVED 7/14/94

INSPECTOR DKS

INDEXED

Arnolds Backhoe & Septic Service, Inc. IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 7110 Woodbine Road, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION Brierly LOT 4 ROAD 13819 Russell Zepp Drive

PROPERTY OWNER Scott Development Corp. CHARLES McFEE

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

210
4
840
210
4
840

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - Trench to be 2 feet wide. Inlet 4½ feet below original grade. Bottom maximum depth 8½ feet below original grade. Effective area begins at 4½ feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start the first trench 160 feet from the front lot line and 160 feet from the right lot line. Run trenches on contour to front of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 3/30/94 DKS

PLANS APPROVED BY Mark Rifkin DATE 11/20/92

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

OUTGOING PERMIT SIGNED

AND RETURNED 9-17-98

Serial # 43075

Ingrown PPA

A 43075



INSPECTOR

APPLICATION

PERCOLATION TESTING

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

A 43075

P _____

DISTRICT 5TH

DATE 9-20-88

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 RUSSELL ZEPP Scott Development Corp

ADDRESS 13790 HIGHLAND RD PHONE 854-7777

PROSPECTIVE BUYER HENRY L. BLEVINS

ADDRESS 3600 WATERSVILLE RD. PHONE 795-2337

PROPERTY LOCATION: Briedly

SUBDIVISION ZEPP SUBDIVISION LOT NO. 4

ROAD AND DESCRIPTION HIGHLAND ROAD HOWARD CO

ZIP: 21029 (13819 RUSSELL ZEPP DRIVE)

TAX MAP 34 PARCEL # 7

SIZE OF LOT 3.00 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

(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 subdivision plat

BLDG. PERMIT SIGNED

AND RETURNED 3/23/94

Serial # 52813

SFD - 4 Perms

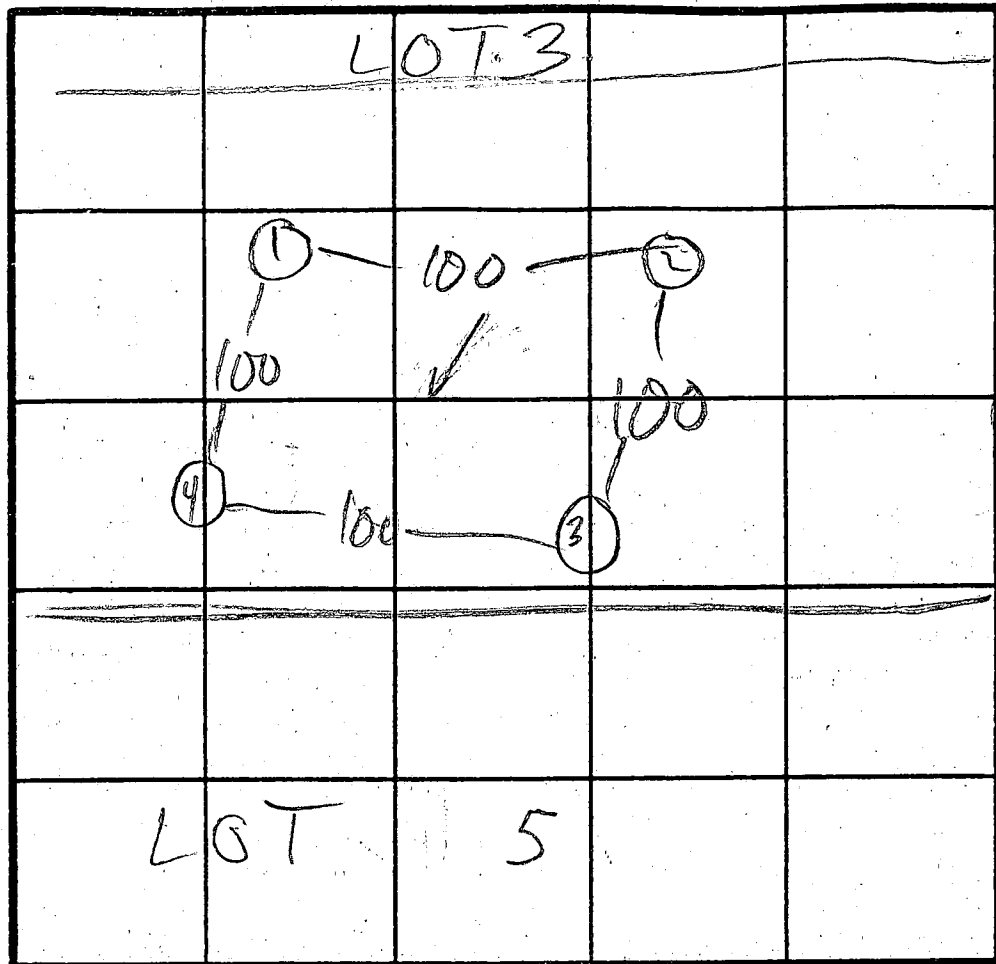
THIS IS NOT A PERMIT

Lot 4
A-43075

①

SOIL PROFILE

6' topsoil
dk red to
dk brn
sandy
clay loam
4' H. to
med brn
silt loam
Some mica
10% frags
12



① H1
② MED H1
③ ④ LO

$\bar{x} = 8.15$
Inlet $4\frac{1}{2}$
Bottom $8\frac{1}{2}$
210 ABR

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/1/89	1 S	4	3:03	DIDN'T MOVE	3:07	3:12	5
	1 S ²	4 1/2	3:05	3:22	3:22	3:26	4
	1 V	12	AS NOTED				
	2 S	5	3:04	3:06	3:06	3:09	3
	2 V	12	15% frags		clay to 4'		
	3 S	5	3:21	3:24	3:24	3:30	6
	3 V	12	clay to 5'		10% frags		
	4 S	5 1/2	3:28	3:38	3:38	4:01	23
	4 V	12 1/2	15% frags		clay to 5'		

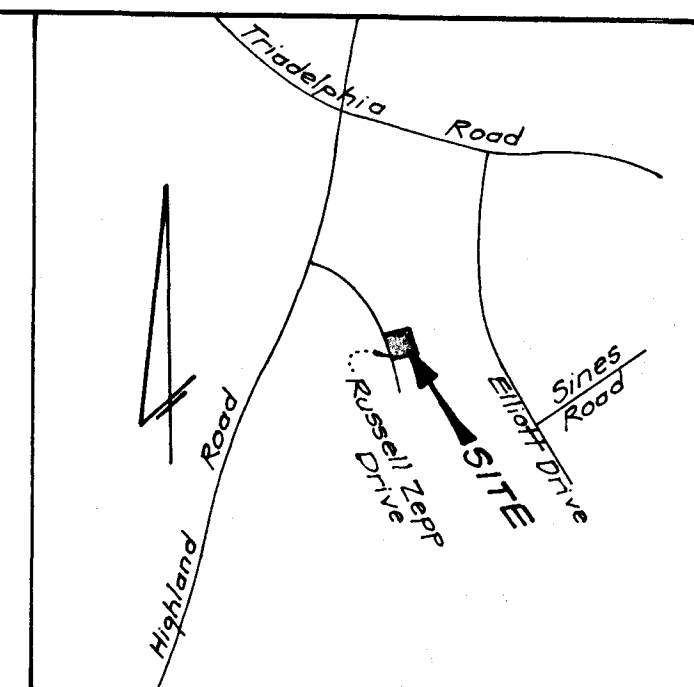
REMARKS HOLES DUG PER PLAT

TYPE OF SOIL
TESTED BY M. Rifkin ALSO PRESENT D. Hopkins

FOXHALL VILLAS SECTION II

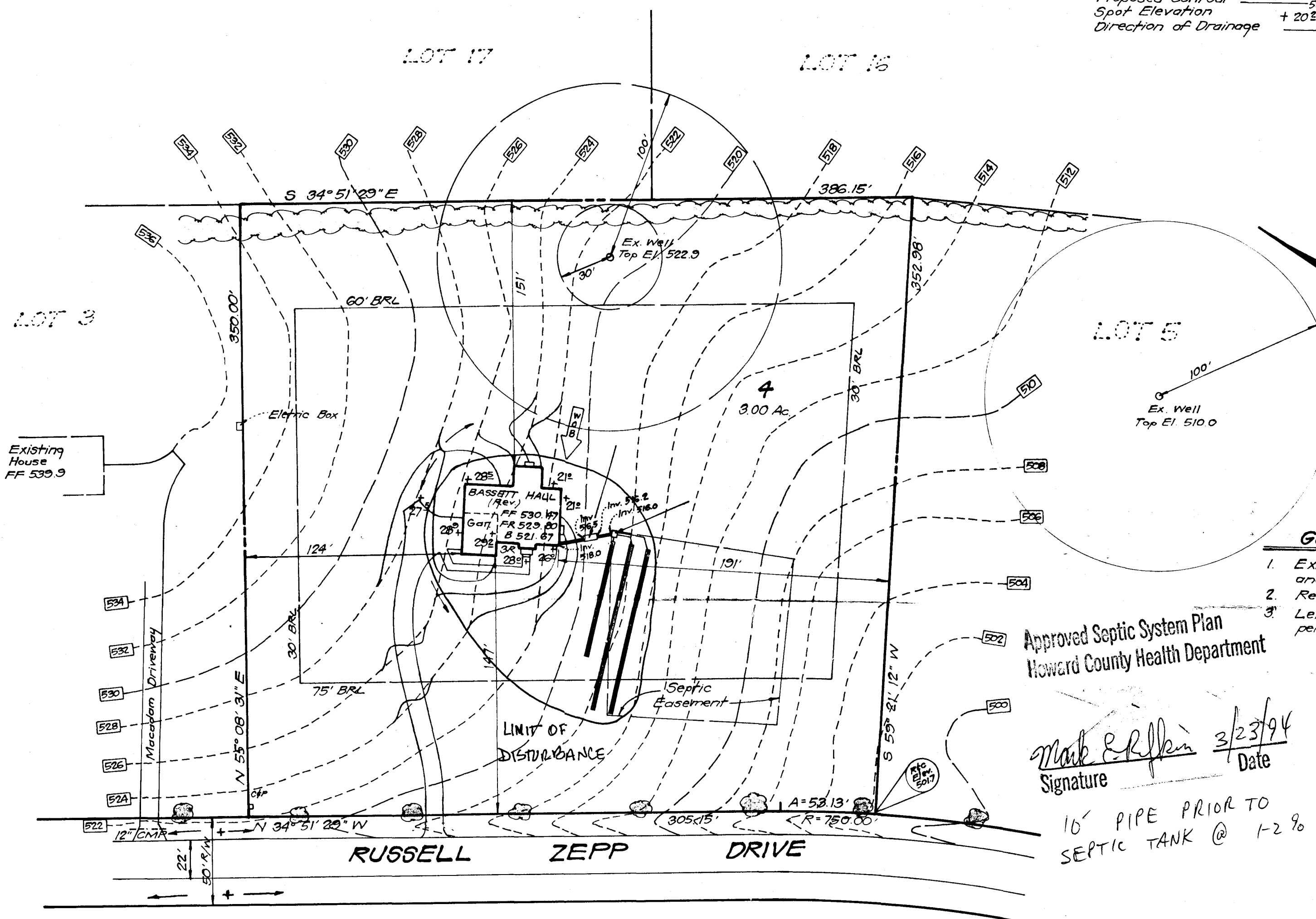
LEGEND

Contour Interval 2 Ft.
Existing Contour ---
Proposed Contour ---
Spot Elevation + 20.2
Direction of Drainage →



VICINITY MAP

Scale: 1" = 1200'



GENERAL NOTES

1. Existing topography was field run by Clark, Finefrock and Sackett, Inc. on 2-2-94.
2. Reference Plat Number 10002.
3. Length of trenches to be determined at time of permit issuance.

Approved Septic System Plan
Howard County Health Department

Mark E. Riffin 3/23/94
Signature Date

16" PIPE PRIOR TO
SEPTIC TANK @ 1-2% FALL

NOTE: All street trees are 3" Maples.



CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS

7145 MINSTREL WAY • COLUMBIA MD 21045 • (410) 881-7500 BALTO • (301) 621-8100 WASH

DESIGNED JME	<p>SITE DEVELOPMENT PLAN LOT 4 BRIERLY SECTION I FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND</p>	SCALE 1" = 50'
DRAWN BAL		DRAWING 1 OF 1
CHECKED JME		JOB NO. 94-020
DATE Feb. 25, 1994		FILE NO. 94-020-X
		For: SCOTT BUILDERS P.O. Box 8607 Gaithersburg, Md. 20898-8607

PRIVATE WELL
& SEPTIC

**NOTE: A VACUUM BREAKER
WILL BE INSTALLED
ON JOB AS PER
CODE.**

FENCE DATA:

PROP. 4' HIGH WOOD FENCE
AS PER CODE-- BY OWNER
(244 LIN.FT.)

EX. WELL

S 34° 51' 29" E

600 SQ.FT. BRUSHED CONC. DECK

60' BRU

F. PAD

POOL

DECK

HOUSE

EX. SEPTIC
TANK

X SEPTIC

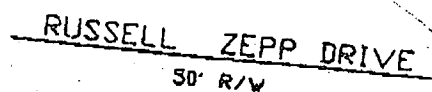
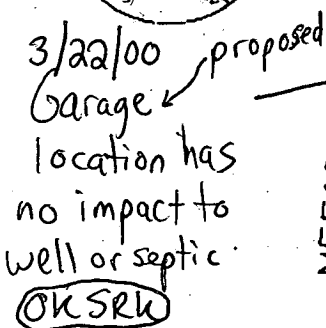
FRONT.

LOT 4
3.00 AC. +/-

210

M-21,12.655

9/17/98
Proposed pool
will have no impact
on well and septic as
shown. (10M)



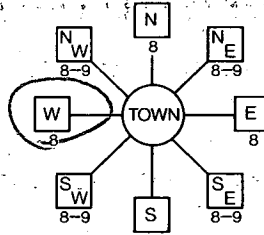
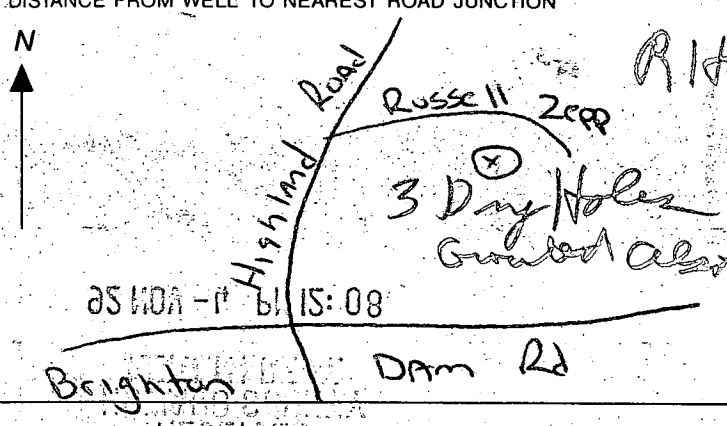
SCALE: 1" = 50'

13819 RUSSELL ZEPP DRIVE
HOWARD COUNTY, MARYLAND 21029

BRIERLY

SECTION 1, LOT 4.
LOT SIZE- 3.00 AC. +/-
ZONED RR

TAX ACCOUNT #56616-48572

B 1 02248 <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>	SEQUENCE NO. (DP USE ONLY) STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER 40-92-0247 <small>fill in this form completely</small>
Date Received (APA) 12/8/92-9:00AM 110492 OWNER INFORMATION CLACKSVILLE ASSOC 15 Last Name 8 Owner 13 First Name 34 13243 Westmeath Lane 36 Street or RFD 55 CLACKSVILLE MD 21029 57 Town 70 State 72 Zip 76		B 3 LOCATION OF WELL 1 2 Howard 8 COUNTY 21 Brierley 23 SUBDIVISION 42 SECTION 4 LOT 4 44 46 48 50 CLACKSVILLE 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 2 MI 73 76 77 78
DRILLER INFORMATION Driller's Name Paul M. Fabiszak 3 9 9 77 License No. 80 Firm Name G. Edgar Harr Sosn Corp. Address 12047 Falls Rd Cockeysville 21030 Signature <i>Paul M. Fabiszak</i> Date 11/2/92		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  11 NEAR WHAT ROAD Russell Zero Drive 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH <input type="checkbox"/> WEST <input checked="" type="checkbox"/> EAST <input type="checkbox"/> SOUTH <input type="checkbox"/> 34 200 37 DISTANCE FROM ROAD ENTER FT or MI FT 38 39
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750 14 20		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME Howard COUNTY NO. 43075 STATE SIGNATURE Mark E. Riffin INSERT S <input type="checkbox"/> DATE ISSUED 5/23/93 43 48 CO SIGNATURE 57 NORTH GRID 502000 EAST GRID 0807000 50 55 57 63
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. 40FT OPENHOLE 2. 16 BAGGS 3. WELL AREA WRITE THE BOX NUMBER FROM THE MAP HERE E 8007 N 5002 000 000
APPROXIMATE DEPTH OF WELL 200 FEET 24 28 APPROXIMATE DIAMETER OF WELL 6 INCH 30 37		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 
METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN 30 AIR-ROTARY 37 AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE 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 <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER GAP 54 63 FORCE MR WRITE INITIALS IN BOX PERMIT No. 40-92-0247 67 68 70 71 72 73 74 75 76 77 78 79		SPECIAL CONDITIONS COUNTY

C 1 4170 SEQUENCE NO. (DENV USE ONLY)
1 2 3 6
(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 A43075

ST/CO USE ONLY
DATE Received DATE WELL COMPLETED
8 13 15 20
Depth of Well
22 26
(TO NEAREST FOOT)
PERMIT NO.
FROM "PERMIT TO DRILL WELL"
28 29 30 31 32 33 34 35 36 37

OWNER Clarksville Assoc
STREET OR RFD last name Russell Zepp Drive first name TOWN Clarksville, MD 21029
SUBDIVISION Brierly SECTION LOT A

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
Overburden	0 10	
Brown Shale	10 38	
Gray Rock	38 350	X
Well #1 300' Dry (backfilled)		
Well #2 400' Dry (backfilled)		
Well #3 400' Dry (backfilled)		

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box)
TYPE OF GROUTING MATERIAL
CEMENT (CM) BENTONITE CLAY (BC)
NO. OF BAGS 10 NO. OF POUNDS 1000
GALLONS OF WATER 60
DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 40 ft.
48 TOP 52 (enter 0 if from surface) 54 BOTTOM 58

CASING RECORD
casing types insert appropriate code below
STEEL (ST) CONCRETE (CO)
PLASTIC (PL) OTHER (OT)
MAIN CASING TYPE
Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)
ST 16 40
60 61 63 64 66 70

OTHER CASING (if used)
diameter inch depth (feet) from to
EACH CASING

SCREEN RECORD
screen type or open hole insert appropriate code below
STEEL (ST) BRASS (BR) OPEN HOLE (HO)
PLASTIC (PL) OTHER (OT)
C 2

DEPTH (nearest ft.)
EACH SCREEN
1 40 350
8 9 11 15 17 21
23 24 26 30 32 36
38 39 41 45 47 51
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

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

C 3
PUMPING TEST
HOURS PUMPED (nearest hour) 6
PUMPING RATE (gal. per min. to nearest gal.)
METHOD USED TO MEASURE PUMPING RATE Submersible
WATER LEVEL (distance from land surface)
BEFORE PUMPING 46
WHEN PUMPING 315
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)
PUMP HORSE POWER
PUMP COLUMN LENGTH (nearest ft.)
CASING HEIGHT (circle appropriate box and enter casing height)
+ above
- below
LAND SURFACE (nearest foot)

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 IDENT. NO. 300
DRILLERS SIGNATURE Allen Compton
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

