

Permit ID-05-414652

7/14/94
7:27 PM

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50093B

A 48076A

DISTRICT 5th

DATE 06/20/94

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933 313-2640

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 5

ROAD 13825 Russell Zepp Drive

PROPERTY OWNER Scott Development ~~William Kitchett~~ Michael Lawson

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 320

240
4
960
320
3760

TRENCHES - Trench to be 3 feet wide. Inlet 6 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting from the right front lot corner, start the first trench 125 feet down the right lot line and 150 feet off this same lot line. Run trenches on contour to right side 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 6/21/94 DKS REVISED 7/13/94 ALM

**BUILDING PERMIT SIGNED 6/26/94
AND RETURNED 8/01/94**

PLANS APPROVED BY Mark Rifkin ~~GARAGE~~ DATE 3/16/93

COVER NO WORK UNTIL INSPECTED AND APPROVED 3-18-01 BOD 146352 - IG SWIMMING POOL

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) BLDG. PERMIT SIGNED

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES) AND RETURNED 5/4/00

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH BOD 123983 bedroom

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

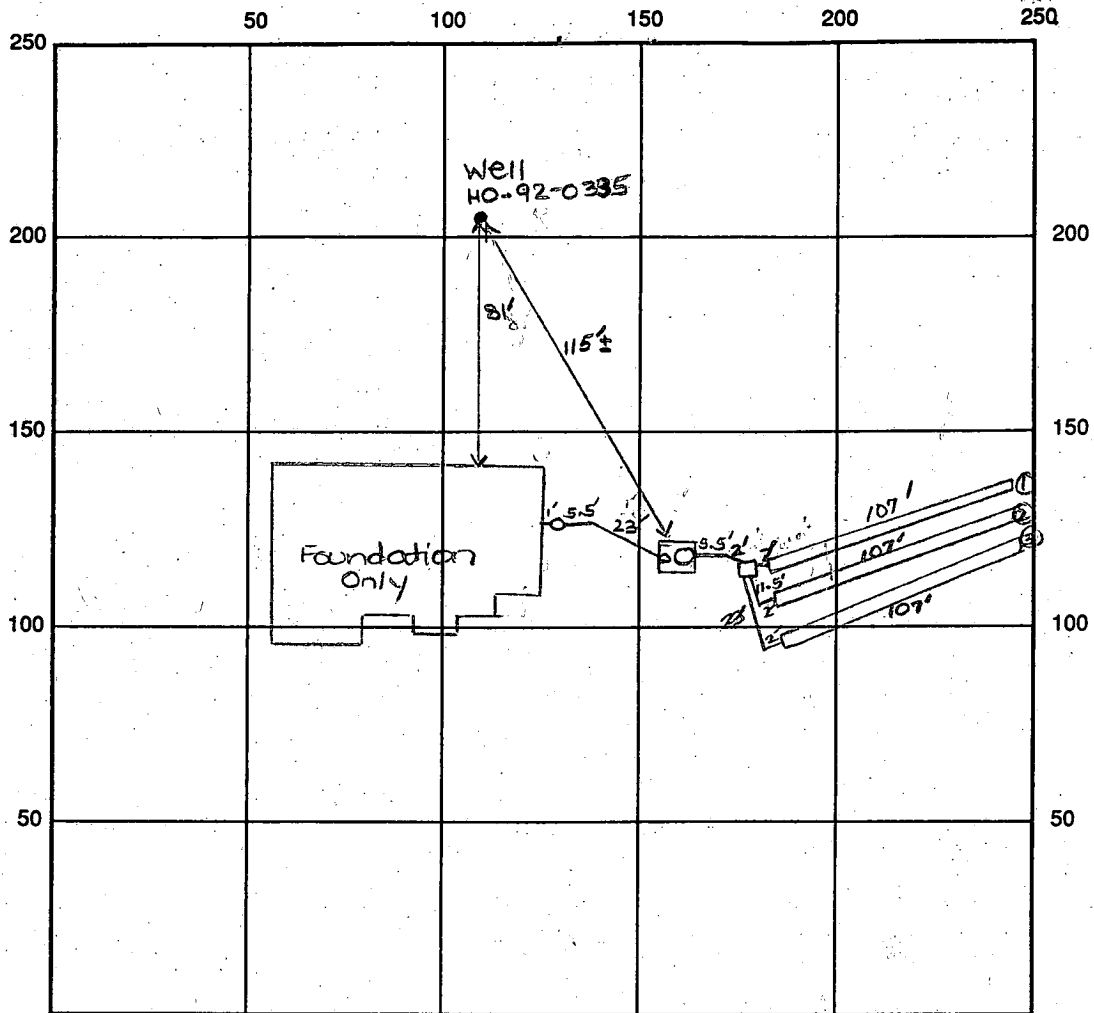
PERMIT VOID AFTER TWO YEARS AND RETURNED 4/17/95

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. Sewal # 58957 - 1177 gal propane underground tank

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A 450 7/14



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK-1250 gal CLEANOUTS one at house, one on s.t. manhole on s.t.
 DISTRIBUTION BOX LEVEL OK- baffle in
 DRAIN FIELD/TITLE DEPTH 8 1/8" / 7" / 7" FT. TRENCH WIDTH 3" FT. INLET DEPTH 6 5/8" / 5" FT.
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 107 FT.
 NUMBER OF TRENCHES 3 ~~CORNER~~/BOTTOM AREA 963 SQ. FT.
 DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.
 ABSORBENT AREA 963 SQ. FT.

REMARKS: 7/14/94 OK to cover all work. DKS

DATE SYSTEM APPROVED 7/14/94 INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 43076

P _____

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

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

ADDRESS 13790 HIGHLAND RD PHONE 854-2797

PROSPECTIVE BUYER HENRY L. BLEVINS

ADDRESS 3600 WATERVILLE RD PHONE 795-2337

PROPERTY LOCATION:

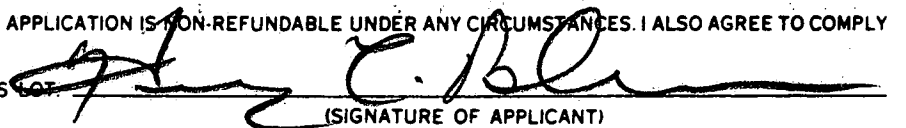
SUBDIVISION ZEPP SUBDIVISION LOT NO. 5

ROAD AND DESCRIPTION HIGHLAND ROAD HOWARD CO
ZIP: 21029 (13825 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 _____

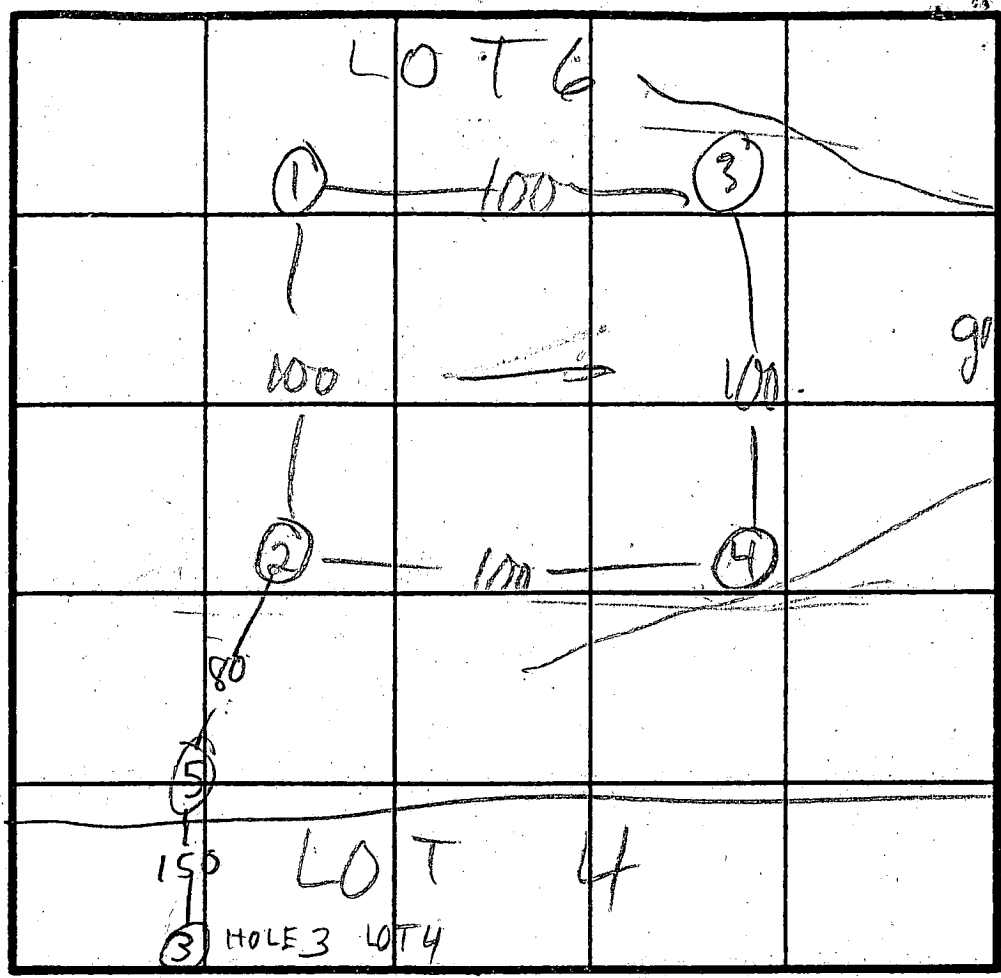
REASONS FOR REJECTION OR HOLDING perc OK, hold for subdivision plat

BLDG. PERMIT SIGNED
AND RETURNED 5/20/89
Serial # 54364
SFD-4-Bedroom

THIS IS NOT A PERMIT

HD-216

LOT 5
A-43076



SOIL PROFILE

6" topsoil
med brn clay loam
4' lt. gray to lt. brn sandy silt loam
5-10% frags

① HI
② MED HI
③ ④ LO
 $\bar{x} = 10$
240 #BR
Inlet 4

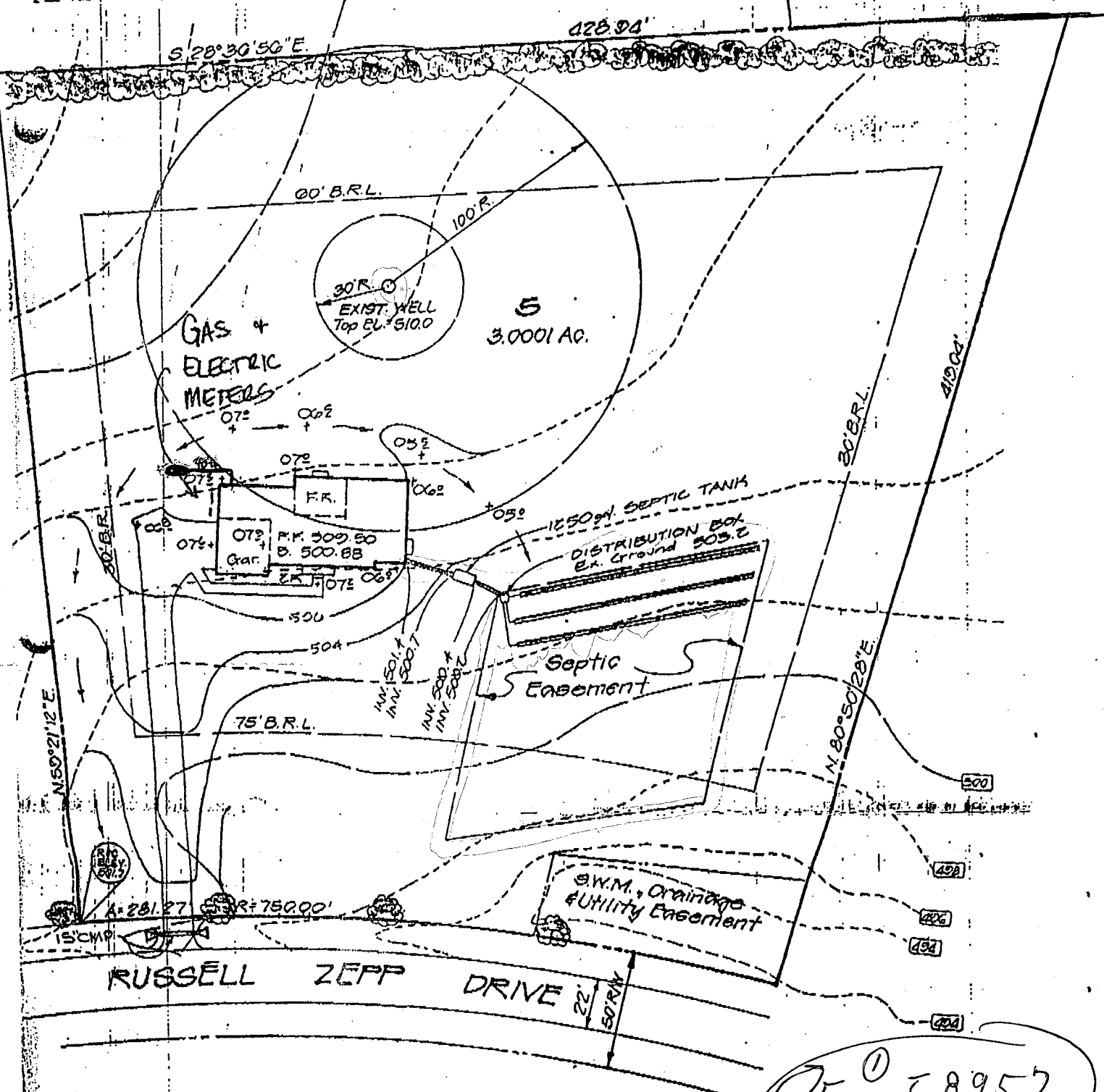
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/1/89	1 S	5	4:10	4:12	4:12	4:13	2
	1 V	11	as per plan				
	2 S	5	4:08	4:10	4:10	4:16	6
	2 V	11	clay to 4' high decomposed mica		white condensed mica		frags 15%
	3 S	5 1/2	4:20	4:22	4:22	4:27	4
	3 V	12	frags 15%		clay to 4 1/2'		
	4 S	5	4:18	4:30	4:27	5:00	30
	4 V	12	clay to 5' 15% frags				
3/10/89	5 S	5 1/2	1:46	1:53	1:53	2:10	17
	5 V	12	clay to 4 1/2 - 5		10% frags		

Bottom 8

REMARKS HOLES DUG PER PLAT

TYPE OF SOIL McRifkin
TESTED BY McRifkin ALSO PRESENT D. Hopkins



Note: All street trees are 3" Maples

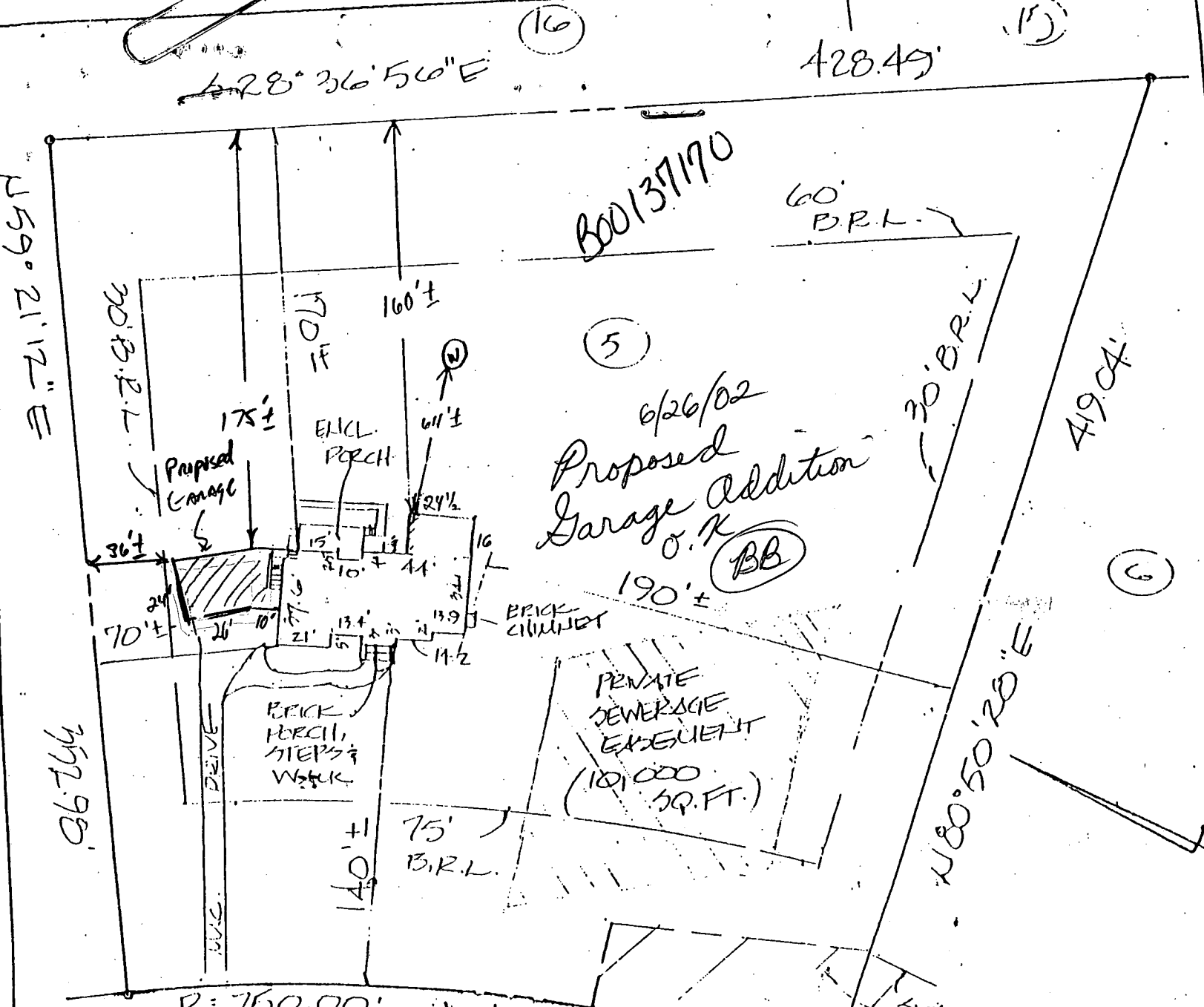
LOT # 5

Kitchell Job

① For 58957
 on as shown
 CBL

4/17/95

② C.O. 7/14/94



$R = 750.00'$ $A = 281.27'$
 ... EDGE OF PAVING ...

GARAGE RUSSELL ZEPP
 Lawson Addition
 Coastal Builders, Inc.
 410-461-9908
 1" = 60'
 DRIVE (50' WIDE)

- 1.) The plat is of benefit to a consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer financing or re-financing.
- 2.) The plat is not to be relied upon for the establishment, or location of fences, garages, buildings, or other existing or future improvements.
- 3.) The plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or refinancing.
- 4.) I have examined Flood Insurance Rate Map Panel Number 24024-0032B for the subject property. It appears to lie within zone 'C' per 2.

LOT 5
 BRIERLY
 SECTION 16 LOT 1-23
 (10003) '11/27
 2 OF 4
 6TH ELECTION DIST.

528° 36' 56" E

428.49'

N59° 21' 12" E

60' B.R.L.

B00123983
13825 Russell Zapp Dr
Brierly lot 50

Proposed to enlarge
existing Bedroom - No. 9
change in Bedroom Number
No impact on well or Septic
Recommend approval

PP 5490

30' B.R.L.

170' IF

160' ±

64' ±

ENCL. PORCH

SLATE WALK

CENTRAL WAY

M.A.C.

Proposed Addition

70' ±

DRIVE

BRICK PORCH, STEPS & WALK

BRICK CHIMNEY

PRIVATE SEWERAGE EXEMPTION
(10,000 SQ. FT.)

140' ±

75' B.R.L.

N80° 50' 28" E

R = 750.00' A = 281.27'
EDGE OF PAVING

S.W.M. PAVING

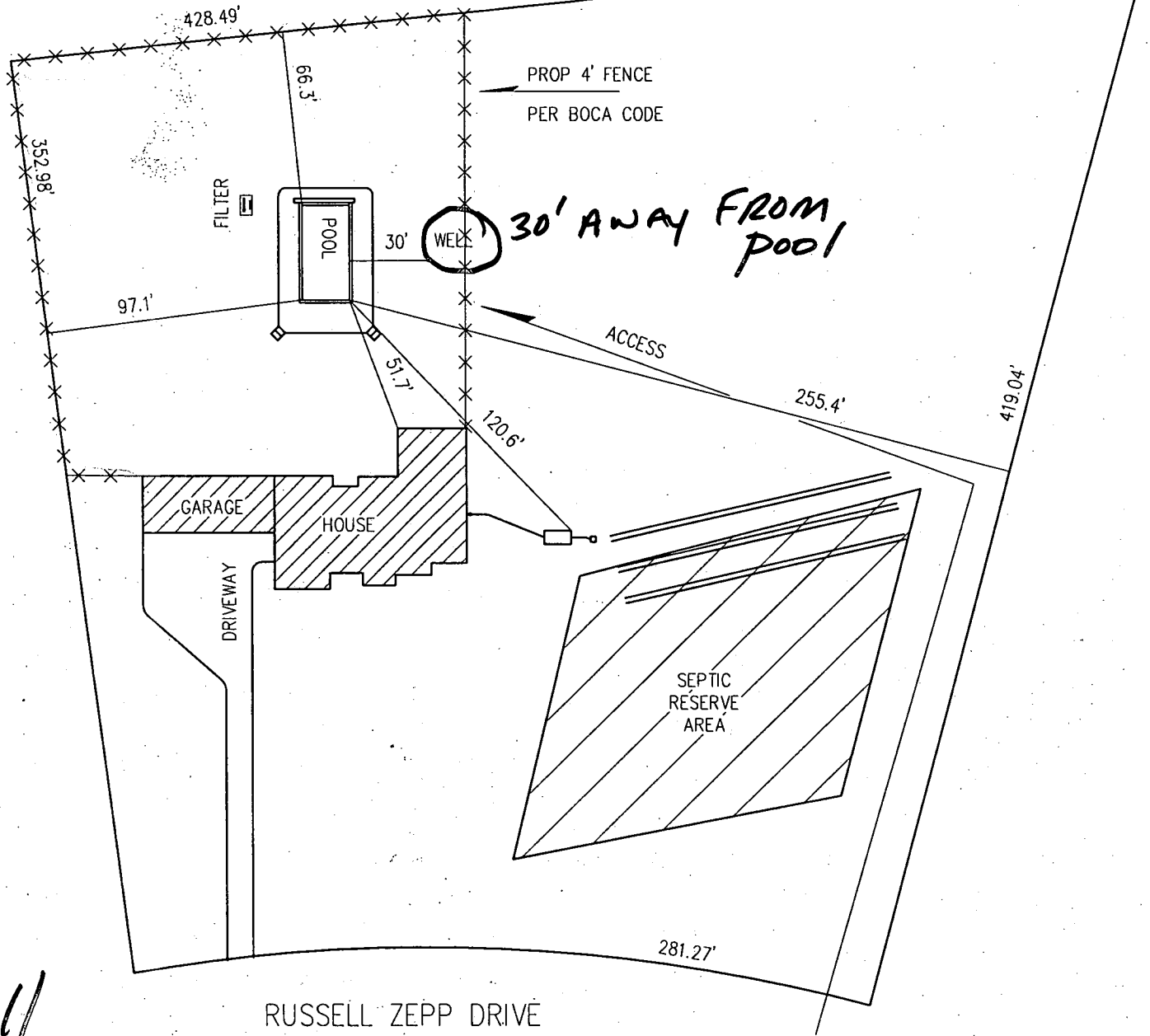
(16)

(15)

(5)

(6)

SITE PLAN



PROP 4' FENCE
PER BOCA CODE

30' AWAY FROM
POOL

ACCESS

GARAGE

HOUSE

DRIVEWAY

POOL

FILTER

WELL

SEPTIC
RESERVE
AREA

RUSSELL ZEPP DRIVE

3/18/04

No well

or septic
ISSUES

KN

SCALE: 1"=60'

BOB 146352
PROPOSED
SWIMMING
POOL



C1 7697

SEQUENCE NO. (DENV 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 43076

ST/CO-USE ONLY. DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

051793

22 300 26

28 29 30 31 32 33 34 35 36 37

OWNER CLARKVILLE BLDG. last name RUSSELL ZEPH DRIVE first name TOWN CLARKVILLE SUBDIVISION RIVERLY SECTION LOT 5

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows: Overburden (0-15), Soft Shale (15-48), Gray Rock (48-300).

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.

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 51

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

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

DEPTH (nearest ft.) 1 HO 51 300 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51

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...

DRILLERS IDENT. NO. 399

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Marty Dixon

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

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

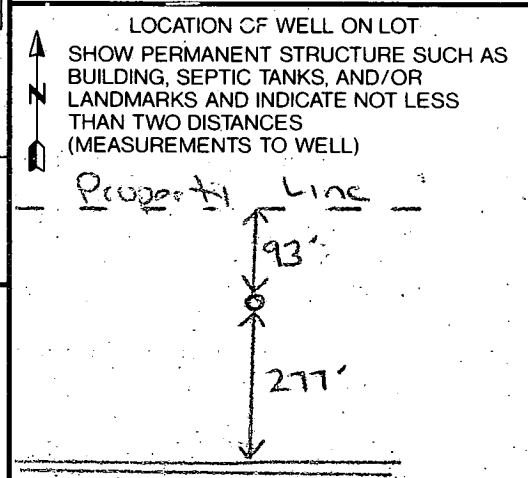
C 3 1 2

PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) 2 METHOD USED TO MEASURE PUMPING RATE Submersible WATER LEVEL (distance from land surface) BEFORE PUMPING 12 WHEN PUMPING 280

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) above below LAND SURFACE (nearest foot)



COUNTY

Russell Zepf Drive

B 1 01732

SEQUENCE NO. (DP, USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

40-92-0335 fill in this form completely

Date Received (APA)

030393

OWNER INFORMATION

Cracksville Assoc, 13243 Westmeath Lane, Cracksville MD 21029

DRILLER INFORMATION

Paul M. Fabiszak, G. Edgar Harr Sons' Corp., 12047 Falls Rd, Cockeysville 21030, 3/1/93

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5, AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750

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)

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

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 DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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

APPROX. PERMIT NUMBER GAP

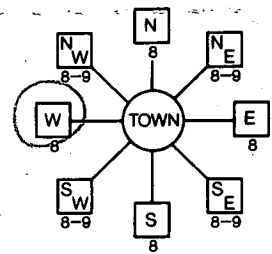
FORCE [initials] PERMIT No. 40-92-0335

SPECIAL CONDITIONS

LOCATION OF WELL

Howard, Brerly, SECTION 44, LOT 5, Cracksville, 2 MI

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Russell Zapp Drive, NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 100 FT

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard, A#43076, COUNTY NAME, COUNTY NO., STATE SIGNATURE, DATE ISSUED 04/02/93, CO SIGNATURE, EXP. DATE

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER: 1. (10) + Noll fresh, 2. (2:00 P.M.), 3. 10 feet

WRITE THE BOX NUMBER FROM THE MAP HERE

Box numbers: E 800?, N 500?

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

