

Tag ID - 05-414636

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

P 48573

A 43074

DISTRICT 5th

DATE 10/2/92

DATE SYSTEM APPROVED 10-9-92

INSPECTOR Bull M. M. M.

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 558 R Obrecht Road, Sykesville, Maryland 21784 PHONE 795-5674

SUBDIVISION Brierly LOT 3 ROAD 13813 Russell Zepp Drive

PROPERTY OWNER Williamsburg Builders, Inc. Dependent Whye Jr

ADDRESS BUILDING PERMIT SIGNED

SEPTIC TANK CAPACITY 1500 GALLONS AND RETURNED

NUMBER OF BEDROOMS 5 2804 BOD 419331-IG POU

240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 400

TRENCHES - Trench to be 3 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 5 1/2 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting from the left front lot corner, start the first trench 160 feet down the left lot line and 140 feet off this same lot line. Run trenches on contour toward front of lot that is the left side of the lot as seen when facing the lot from Russel Zepp Drive.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 7/31/92 RH

PLANS APPROVED BY Mark Rifkin/Raymond Hodges REVISID DATE 6/18/92
7/13/92

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

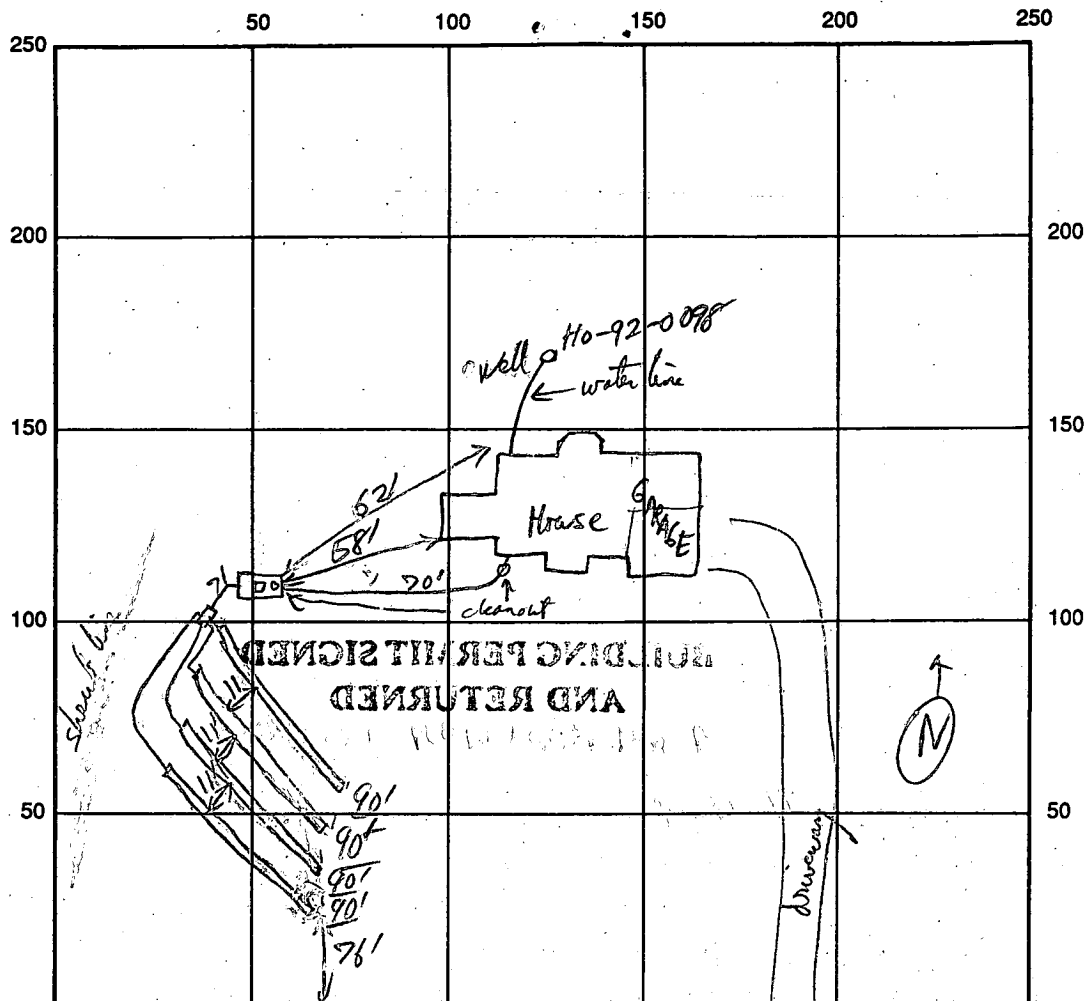
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

BLOCK PERMIT SIGNED
AND RETURNED 5/17/01
Finish bsmt + ply rm +
600130289 bathrm

A
43074



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Russell Zapp

SEPTIC TANK LEVEL 1500gal CLEANOUTS ✓ ST @ House

DISTRIBUTION BOX LEVEL ↓

DRAIN FIELD/TITLE DEPTH 5½ FT. TRENCH WIDTH 3 FT. INLET DEPTH 3½ FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 400 (100L Feeds) FT.

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 1200 SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS: OK to cover R/P 10/9/92

pitches adjust water line to 3-3½ below grade - OK to cover R/P 10/13/92

DATE SYSTEM APPROVED 10/9/92 INSPECTOR R. P. [Signature]

APPLICATION

PERCOLATION TESTING

A 43074

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 Williamsburg Builders, Inc
15790 3485 Harper's Farm Rd., Columbia 21044
ADDRESS 15790 HIGHLAND RD PHONE 954-2777

PROSPECTIVE BUYER HENRY L. BLEVINS
ADDRESS 3600 WATERSVILLE RD PHONE 795-2337
MILAIRY MD. 21771

PROPERTY LOCATION:
SUBDIVISION ZEPP SUBDIVISION LOT NO. 3
ROAD AND DESCRIPTION HIGHLAND ROAD HOWARD CO
ZIP: 21029 (13813 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]
(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 7/22/92

Serial # 44486 - SFD

THIS IS NOT A PERMIT

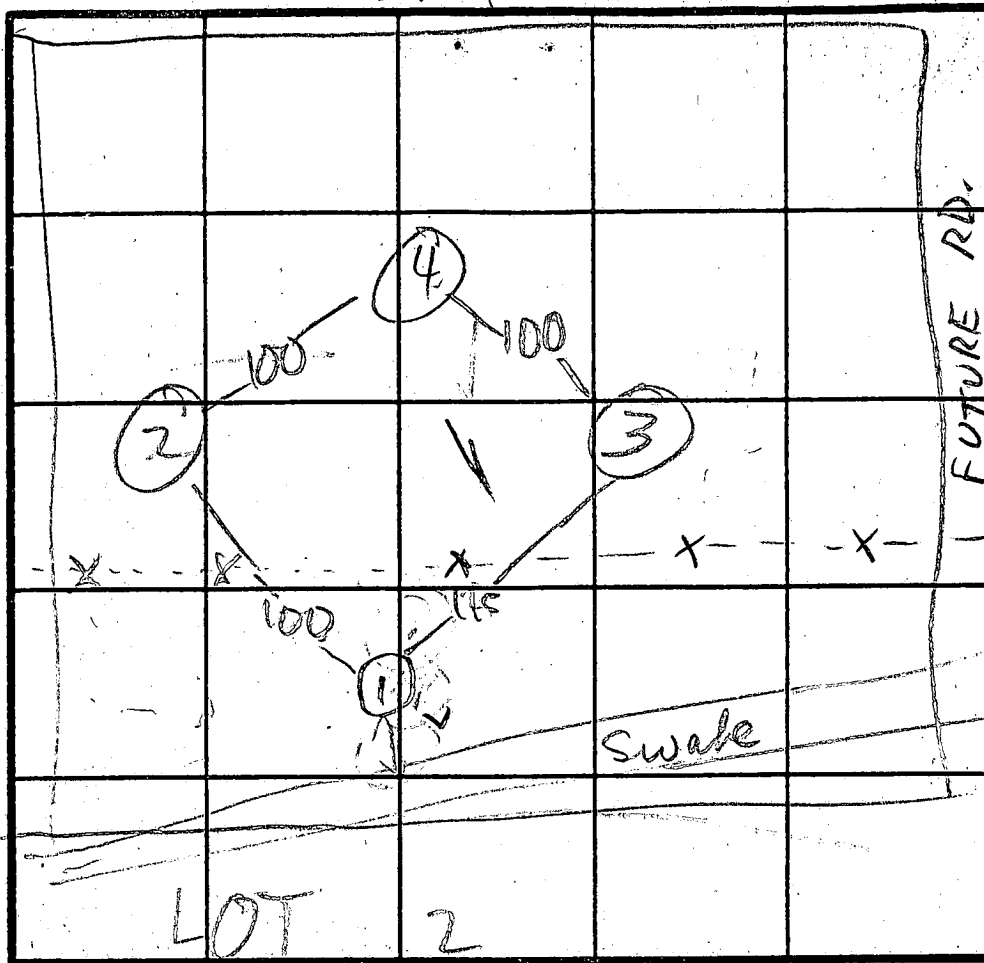
LOT 3

A43074

LOT 4

SOIL PROFILE

6' top soil
4' deep red dense clay loam
14' tan to lt. brown silt loam high mica 15% frags
12' some large frags



④ H1
② MED H1
③ MED LO
① LO

Fence

20
F = 10 min
240 R/BR
Inlet 3 1/2
Bottom 5 1/2

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	3 1/2	1:46	2:01	2:01	2:31	30
11	1 V	12'		VISUAL			
	2 S	4'	3:07	Barely	4' move	4:50	15 min
	2 M	4'	3:46	3:51	3:51	4:00	9
	2 V	12'	clay to 5'	15% frags			
	3 S	4 1/2	2:17	2:19	2:19	2:22	3
	3 V	12'	clay to 4'	15% frags			
	4 S	3'	2:31	2:33	2:33	2:35	2
	4 M	2'	2:38	2:42	2:42	2:50	8
	4 V	11'	clay to 2'	15% frags			

REMARKS

HOLES DUG PER PLAT; REPAIRS SHALLOW

TYPE OF SOIL

TESTED BY

M. R. F. Kin

ALSO PRESENT

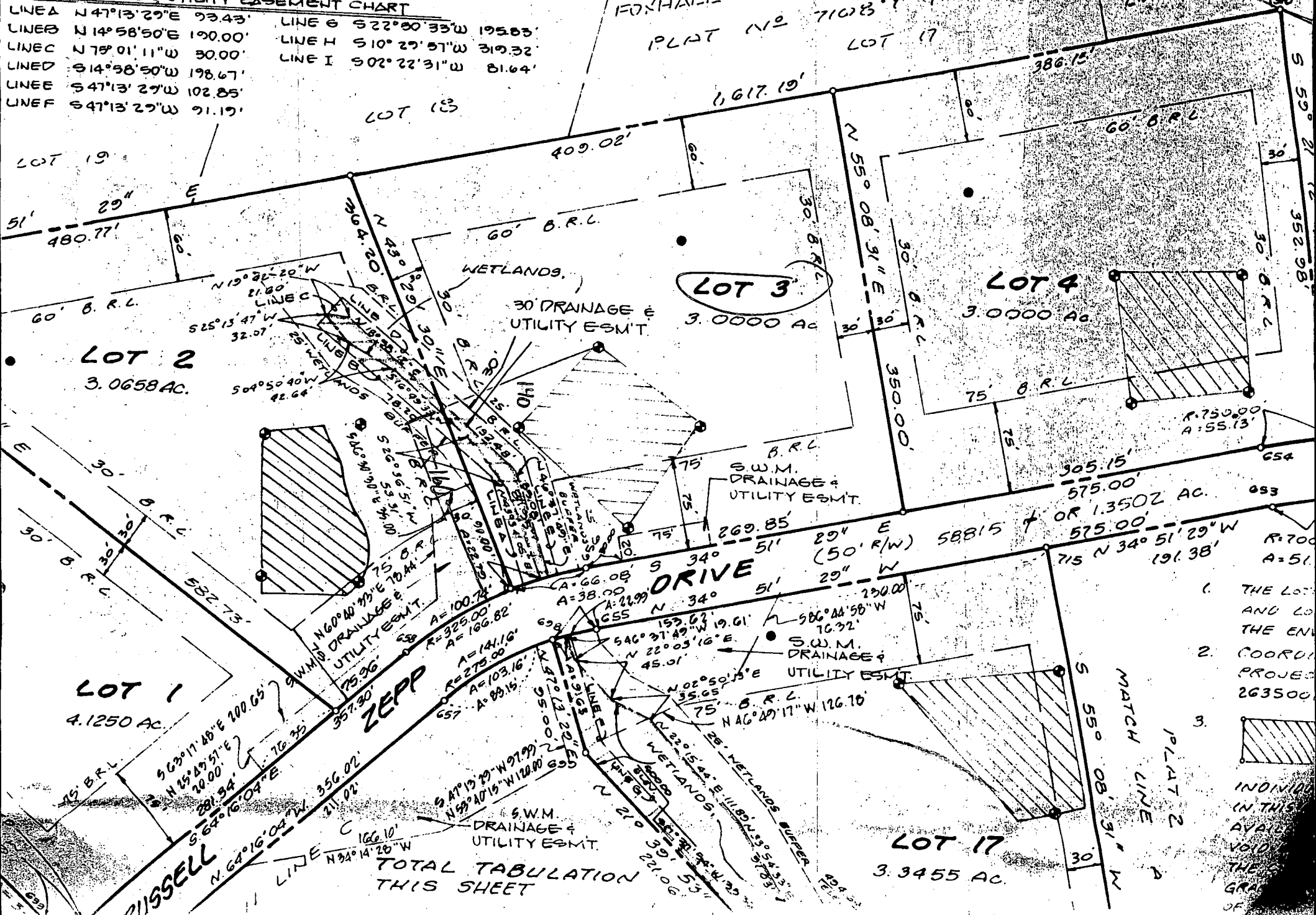
D. Hopkins

27 655-657 275.00' 51.45' 04°12'41" 25.74' 51.44' S.32° 45' 08" E.
 86 275.00' 141.16' 29°24'35" 72.17' 130.61' N.32° 45' 08" W.
 55.12' S.32° 45' 08" E.
 51.44' N.32° 45' 08" W.
 130.61' N.49° 33' 46" W.

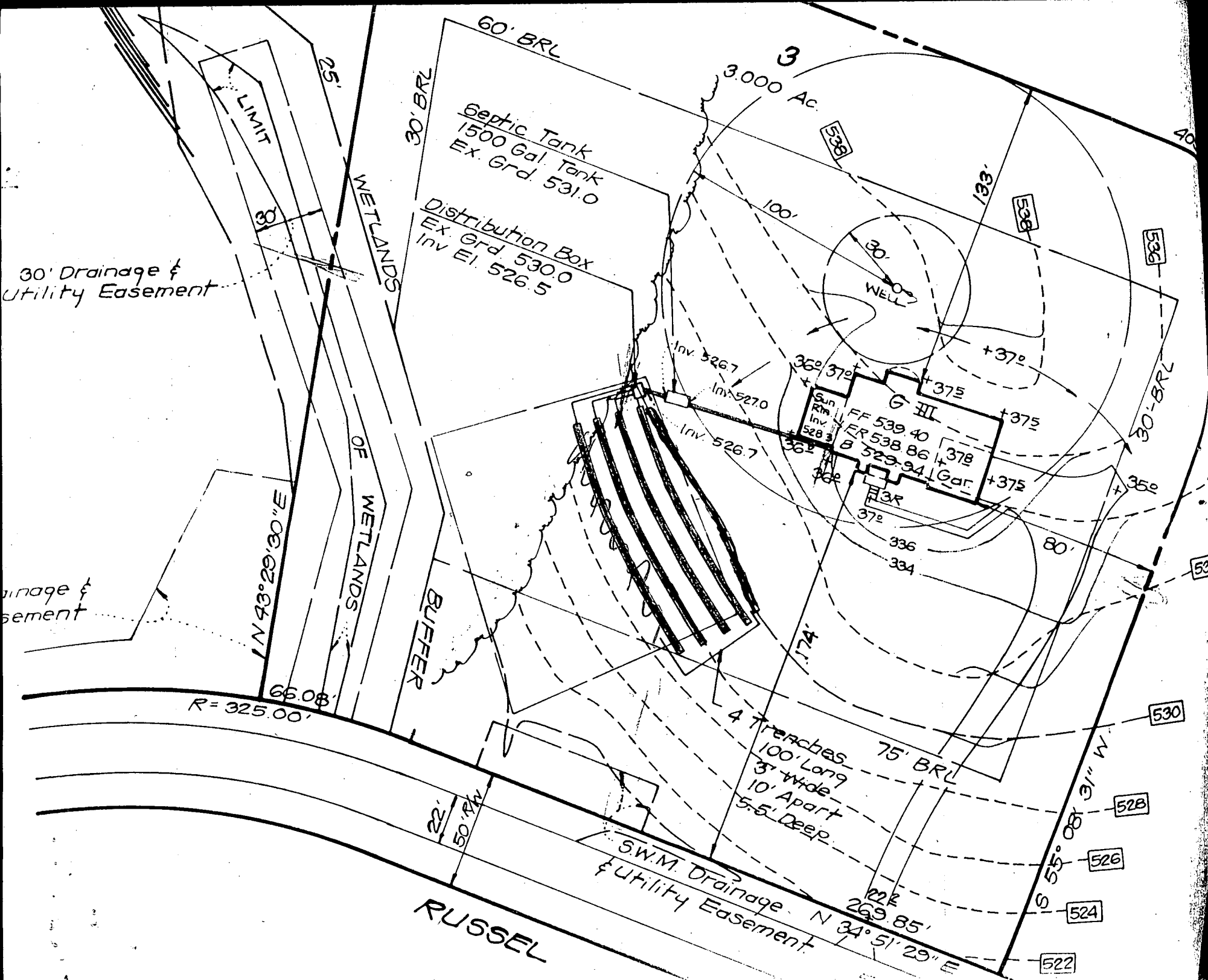
SECTION II

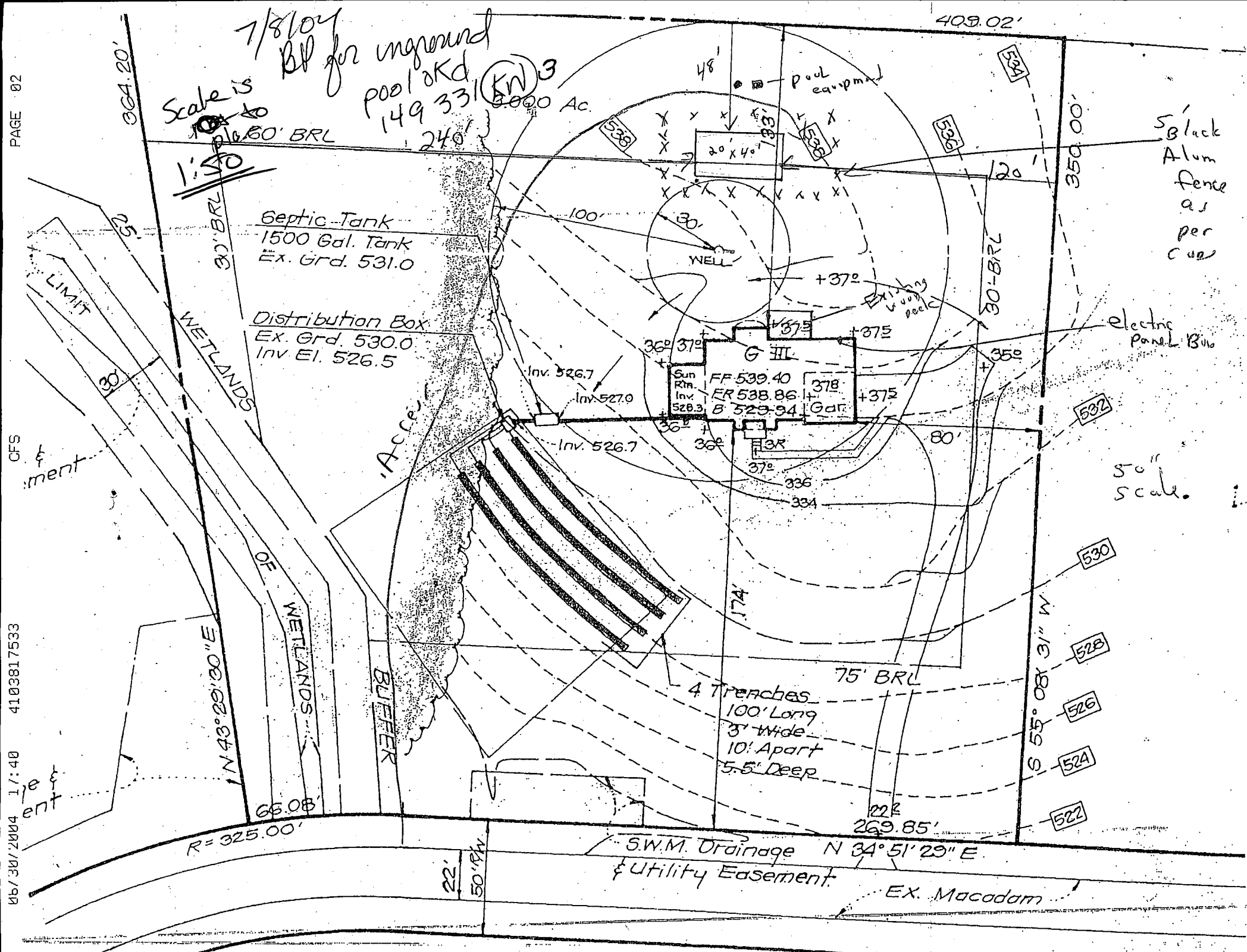
30' DRAINAGE & UTILITY EASEMENT CHART

LINE A N 47°13'29"E 73.43' LINE G S 22°30'33"W 195.83'
 LINE B N 14°58'50"E 190.00' LINE H S 10°29'51"W 319.32'
 LINE C N 78°01'11"W 30.00' LINE I S 02°22'31"W 81.64'
 LINE D S 14°58'50"W 198.67'
 LINE E S 47°13'29"W 102.85'
 LINE F S 47°13'29"W 71.17'



1. THE LOT AND LO THE EN
2. COORD PROVE 263500
3. INDIVID IN THIS AVAIL VOID THE GRA OF





B 1 8503 <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 H0-92-0098 <small>fill in this form completely</small>
Date Received (APA) 052192		B 3 LOCATION OF WELL R-48/34 <small>3/21/92 40.10</small>
OWNER INFORMATION 15 Last Name CLARK 34 Owner SULLIVAN First Name ASSOC 36 Street or RFD Westmeath Lane 55 57 Town CLARKSVILLE 70 State 72 MD 74 Zip 21029 76		8 COUNTY Howard 21 23 SUBDIVISION Beverly 42 SECTION CLARKSVILLE 44 46 LOT 3 48 50 52 NEAREST TOWN MILES FROM TOWN (enter 0 if in town) 2 73 M 76 I 77 1 78
DRILLER INFORMATION Driller's Name Sandy B. Cochran 120 77 License No. 80 Firm Name G. Edgar Hays Sons' Corp. Address 12047 Falls Road Cockeysville 21030 Signature <i>Sandy B. Cochran</i> 5/18/92 Date		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750 14 20		Russell Zepp Drive 30 NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH <input checked="" type="radio"/> 32 WEST <input type="radio"/> SOUTH <input type="radio"/> EAST <input type="radio"/> 34 300 37 DISTANCE FROM ROAD ENTER FT or MI FT 38 39
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="radio"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="radio"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="radio"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="radio"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME Howard COUNTY NO. A43074 STATE SIGNATURE Mark E. Relfkin 41 DATE ISSUED 12/18/92 43 NORTH GRID 502000 55 EAST GRID 0807000 63 48 CO SIGNATURE EXP. DATE
APPROXIMATE DEPTH OF WELL 200 24 FEET 28 APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH		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 80X7 N 50X2 000 000
METHOD OF DRILLING (circle one) BORED (or Augered) <input type="radio"/> JETTED <input checked="" type="radio"/> Jetted & DRIVEN 30 AIR-ROTARY <input type="radio"/> AIR-PERCUSSION <input checked="" type="radio"/> ROTARY (Hydraulic Rotary) 37 CABLE <input type="radio"/> REVERSE-ROTARY <input type="radio"/> Drive POINT <input type="radio"/> other _____		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="radio"/> 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) APPROX. PERMIT NUMBER _____ 54 G A P _____ 63 FORCE MR 67 68 WRITE INITIALS IN BOX PERMIT No. H0-92-0098 70 71 72 73 74 75 76 77 78 79
SPECIAL CONDITIONS		COUNTY

C1 6826 SEQUENCE NO. (DENV 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 43074

ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

8 13

15 20
070792

22 300 26
(TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37
H0-92-0098

OWNER Clarksville Assoc. last name Russell first name Lepp TOWN Clarksville
STREET OR RFD RR1ELY SUBDIVISION RR1ELY SECTION 1 LOT 3

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		Check if water bearing
	FROM	TO	
Overburden	0	10	
Brown Shale	10	40	
Gray Rock	40	300	X

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

yes no
Y N
44 44

TYPE OF GROUTING MATERIAL:

CEMENT CM BENTONITE CLAY BC
45 46 45 46

NO. OF BAGS 10 NO. OF POUNDS 1000

GALLONS OF WATER 60

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 42 ft.
(enter 0 if from surface)

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)

PL 6 42
60 61 63 64 66 70

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

screen type or open hole insert appropriate code below

ST BR HO
STEEL BRASS OPEN HOLE
PL OT
PLASTIC OTHER

DEPTH (nearest ft.)
1 H0 42 300
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)

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) 3

PUMPING RATE (gal. per min. to nearest gal.) 4

METHOD USED TO MEASURE PUMPING RATE Schmersibk

WATER LEVEL (distance from land surface)

BEFORE PUMPING 30

WHEN PUMPING 260

TYPE OF PUMP USED (for test)

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

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)

LAND SURFACE

above below

(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)

NO map Available

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. 120

DRILLERS SIGNATURE

(MUST MATCH SIGNATURE ON APPLICATION)

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

COUNTY