

12/29/88 pm

12/20/88
1-5-89
11 am

PERMIT

N

P 43294

SEWAGE DISPOSAL SYSTEM

A 40997

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 4th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 12/27/88

DATE SYSTEM APPROVED 1/5/89

INSPECTOR RH

#346270

David Stang & Son
Seneca Home Builders, Inc.

IS PERMITTED TO INSTALL ALTER

ADDRESS 3126 Cabin Run Road, Woodbine, Maryland

PHONE 353-2462
~~854-8985~~

SUBDIVISION Mara Meadows ROAD 3260 Jones Road LOT 1

PROPERTY OWNER Seneca Home Builders, Inc.

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 210 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Start the first trench 200 feet from the front lot line and 40 feet from the right lot line as seen when facing the property from Jones Road. Run trench(s) along contour toward rear of property.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY C. Williams DATE 10/13/88

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BUDG. PERMIT SIGNED

AND RETURNED 10/17/89

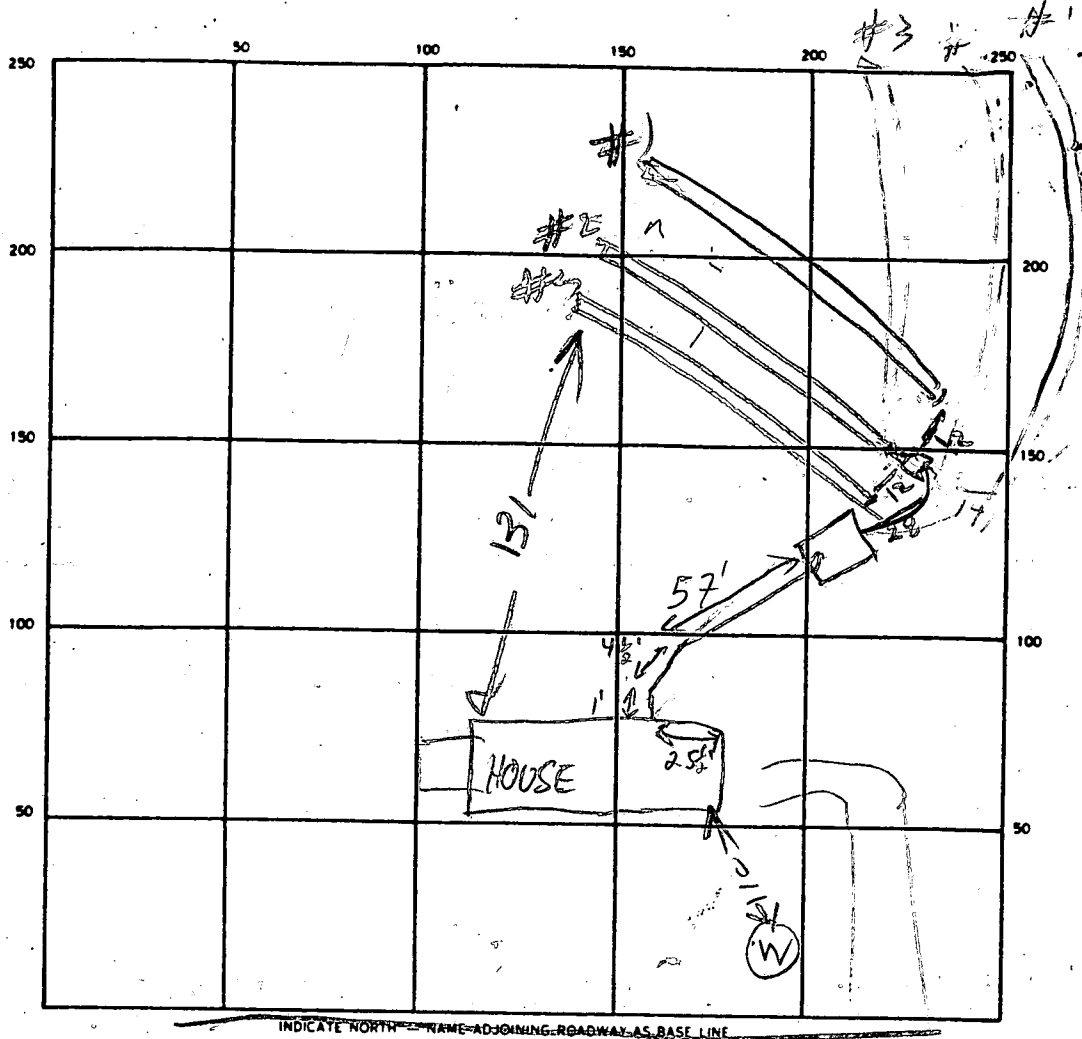
Serial # 30319

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

addition - desk

40997



JONES RD

SEPTIC TANK. LEVEL OK (5x8') CLEANOUTS TANK-OK

DISTRIBUTION BOX. LEVEL NO

DRAIN FIELD/TILE FIELD. DEPTH 6 FT. TRENCH WIDTH

1	2	3
3	3	3

 FT. INLET DEPTH

1	2	3
4	4	4

 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH

92	92	96
----	----	----

 FT. 280 REQUIRED

NUMBER OF TRENCHES 3 ONE-SIDEWALL/BOTTOM AREA 840 SQ FT 840

DRYWELL INSIDE DIAMETER 1 FT. EFFECTIVE DEPTH BELOW INLET T FT.

ABSORBENT AREA 840 SQ. FT.

REMARKS 12/30/88 HOUSE CONN. TO TANK OK (INCLUSIVE) NO OTHER WORK MR

1/5/89 TRENCHES OK RT

DATE SYSTEM APPROVED 1/5/88 INSPECTOR Raymond Hodge

APPLICATION

PERCOLATION TESTING

A 40887

P _____

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

DISTRICT 4

DATE 2/16/88

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 Fed Chaconas Senca Blum Builders, Inc
ADDRESS 19210 New Hampshire Ave 3126 Cabin Run Woodbine 854-6985
PHONE 924-5192

PROSPECTIVE BUYER K B Properties C/o Mark Reich HCLS
ADDRESS 8307 Main St PHONE 465-5855

PROPERTY LOCATION:
SUBDIVISION Petty Property (Mara Meadows) LOT NO. 1 Re-perc
ROAD AND DESCRIPTION Jones Rd off Jennings Chapel Rd
3260

TAX MAP 13+20 PARCEL # 43
SIZE OF LOT 3 acres TYPE BLDG. SFD
(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. Mark Reich
(SIGNATURE OF APPLICANT)

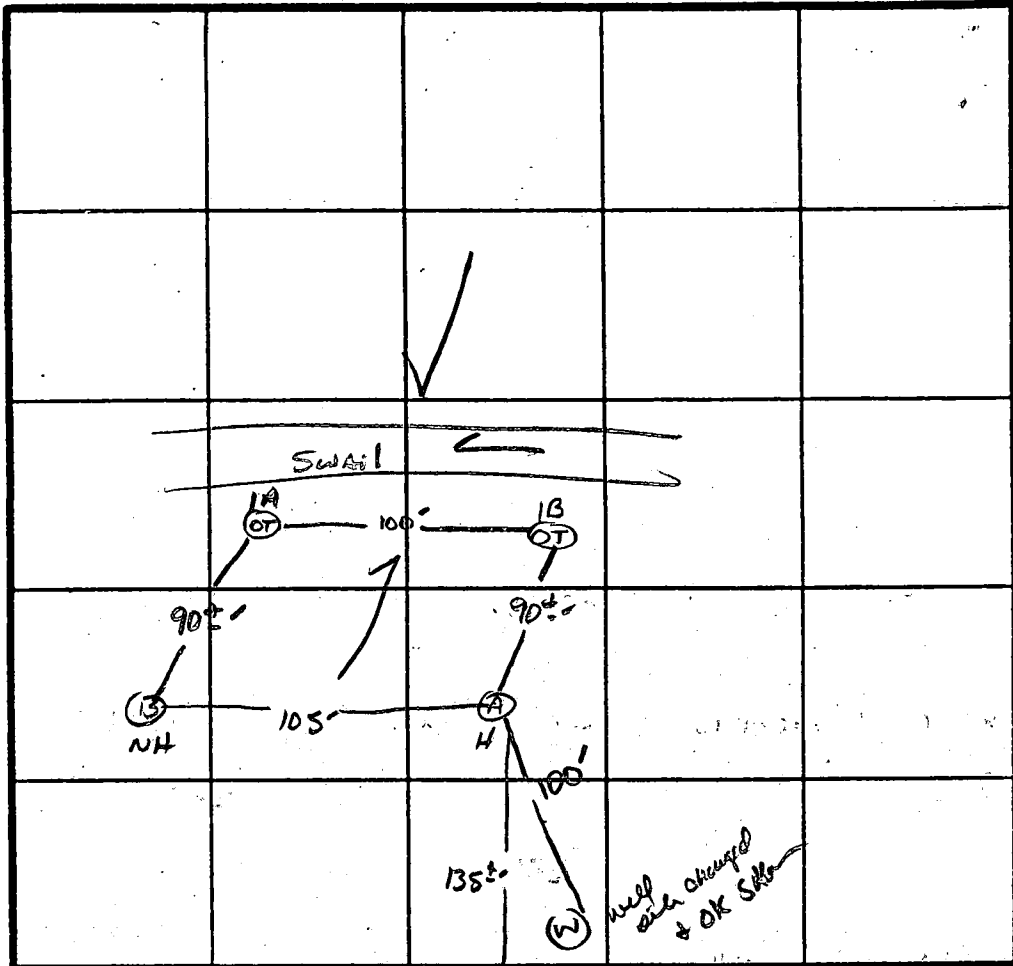
APPROVED BY _____ FOR _____ DATE _____
REJECTED BY _____ FOR _____ DATE _____
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 2-18-88 Reperc Satisfactory - Previous Perc in Drainage Area -
new area more Satisfactory. S. Area
BLDG. PERMIT SIGNED AND RETURNED 10/24/88
Smith 21999 J-20

THIS IS NOT A PERMIT

SOIL PROFILE

0	AP
0-4.5	4.5 yellow BR CLAY LOAM 10-15% frags
4.5-12.5	4.5 yellow BR Silt LOAM Slightly micaceous + some SHALE 15-25% FRAGS



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

JONES Rd. CL

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/18/88	A S	5.0"	10:31	10:36	10:36	10:44	8min
	A V	12.5	UNIFORM soil below		4.5"		
	B S	4.5"	10:33	10:35	10:35	10:40	5min
	B V	12.0"	UNIFORM below 4.0"				

REMARKS _____

TYPE OF SOIL ME clay / MANDOL

TESTED BY S. Abel ALSO PRESENT OKOTTA MAN & CO

EH-12-1079

APPLICATION

PERCOLATION TESTING

A 346276

P _____

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

*9-15-86
Reviewed
OK
S. Hill*

*9/17/86
OK to punch
approved
filed*

DISTRICT 4

DATE 9/8/86

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 Petty, Wilson E. and Barbara M.

ADDRESS 3908 Bruce Lane, Annandale, VA 22003 PHONE (703) 256-2977

PROSPECTIVE BUYER Chaconas, Ted P. and Teresa M.

ADDRESS 19210 New Hamp. Ave., Brinklow, MD 20862 PHONE (301) 924-5192

PROPERTY LOCATION:

SUBDIVISION Mara Meadow LOT NO. 1

ROAD AND DESCRIPTION Jones Road, between Jennings Chapel and Hipsley Mill Rds.,
open field on north side of road

TAX MAP 20 = PARCEL # 43

SIZE OF LOT 3 acres 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. Teresa Chaconas 9-8-86

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

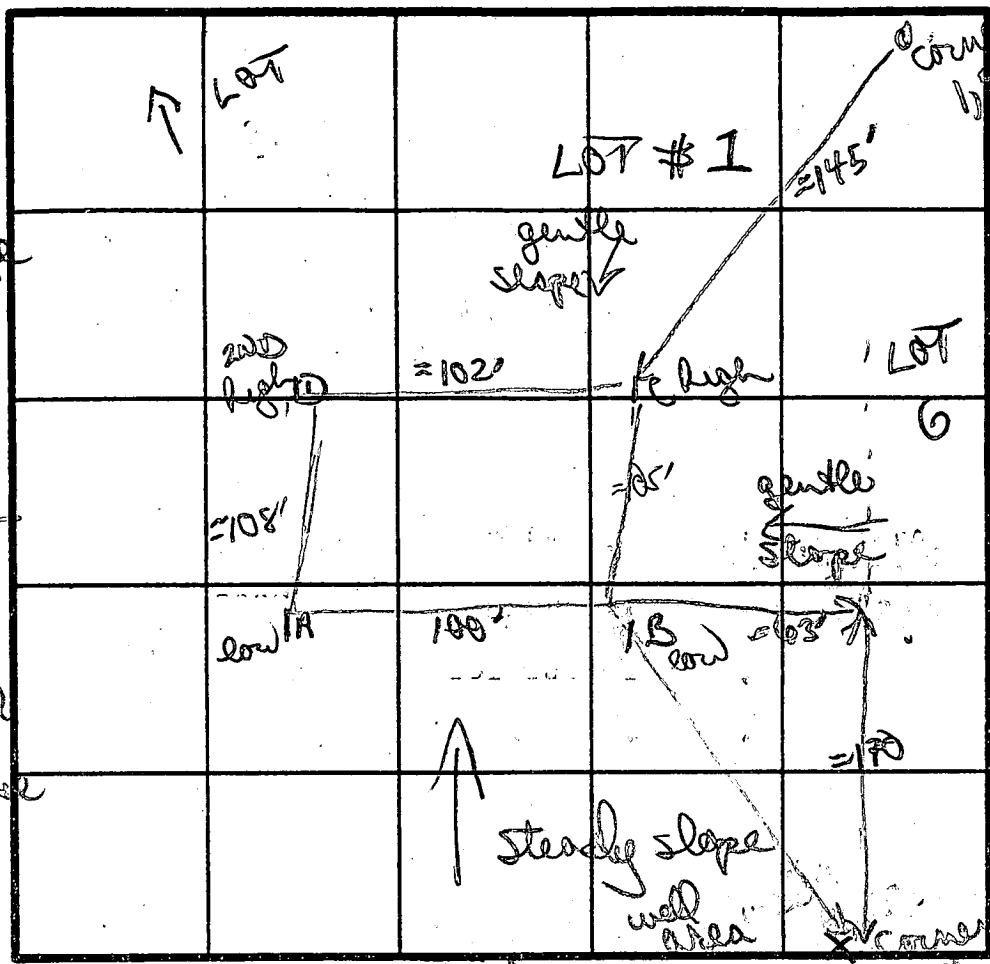
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING certified hole locations

THIS IS NOT A PERMIT

1C
SOIL PROFILE

0' yellow/orange
brown
silty clay
loam
3 1/2' changing
to light to
purple
silty loam
18" 5-10% small
weathered
fragments
12 1/2'D



1A
yellow orange
sandy/silty
clay loam
4 1/2'
changing to
purple/orange
silty loam
45% small
fragments saprolyte

12 1/2'D

1B

orange/yellow
fine to med
grain silty
loam

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
↓ Jones Rd

fine/powdery
purple silty
loam
5'-
w/ increasing
saprophyte
(small med
frag) 15-20%
12'D

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9/17/86	1C	4'5"	1244	1245	1245	1247	2 MIN	
		7 1/2' M	1244	1249	1249	1254	5 MIN	
		12 1/2'D	bottom see profile					
	1D	2'5"	1245	1246	1246	1248	2 MIN	
		12'D	bottom (see profile)					
	1B	4 1/2'5"	1250	1254	1254	100	6 MIN	
		12 1/2'D	bottom (see profile)					
	1A	4'5"	1253	1259	1259	111	12 MIN	
		12'D	bottom (see profile)					

orange
tan/brown
sandy
silty loam
45% small
fragments
saprophyte
12 1/2'D

INLET 33' (soil
support
higher)
MAX 8'
174 #/BDROOM
inlet

house sits more practical on side of row pipe holes
(gravity feed still obtainable)

REMARKS
TYPE OF SOIL silty loams (small-med frags saprophyte)
TESTED BY B. Wilson ALSO PRESENT

B 1 4924 SEQUENCE NO. (DP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER
40-81-2598
fill in this form completely

Date Received (APA) 02/01/88
OWNER INFORMATION
KB PROPERTIES INC
12115 TRAILING E OR
POTOMAC MD 20854

B 3 LOCATION OF WELL
HOWARD COUNTY
MARA MEADOWS
SECTION 44 LOT 1
DASSON
MILES FROM TOWN 3 MI

DRILLER INFORMATION
Ralph Wayne
Ralph Wayne Well Drilling
9120 Pineau Church Rd N H Annap
Ralph Wayne 1/26/88

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
NEAR WHAT ROAD JONES RD.
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD 30 FT
ENTER FT or MI FT

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
COUNTY NAME HOWARD COUNTY NO. A 37626
STATE SIGNATURE DATE ISSUED 03/07/88
NORTH GRID 527000 EAST GRID 0772000

APPROXIMATE DEPTH OF WELL 150 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

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
3/1/88 10:30
Missed grant.
Location ok.
15 bags cement
50 ft open hole
82 ft casing
3 ft aboveground
JENadear

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 064

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION
Sketch showing well location relative to Jones Rd and Wafield Rd.

Not to be filled in by driller (OEP USE ONLY)
APPROP. PERMIT NUMBER GAP
FORCE 2 INITIALS PERMIT NO. 40-81-2598

SPECIAL CONDITIONS CALL MARK REICH A.P. 465-5855

C1 7714 (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A 40997

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL 245 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-2598

OWNER PROPERTIES INC R.B. STREET OR RFD SWAN'S ROAD TOWN LISBON SUBDIVISION MARA MEADOWS SECTION LOT 1

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, FEET (FROM, TO), Check if water bearing. Rows include Top Soil, Brown Shale, Brown Slate, Blue Slate, Brown Slate, Blue Slate.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 15 NO. OF POUNDS 1500

CASING RECORD casing types insert appropriate code below (ST, CO, PL, OT) MAIN Nominal diameter Total depth CASING top (main) casing of main casing TYPE (nearest inch) (nearest foot)

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

SCREEN RECORD screen type or open hole insert appropriate code below (ST, BR, HO, PL, OT) DEPTH (nearest ft.)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 5 METHOD USED TO MEASURE PUMPING RATE bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 25 WHEN PUMPING 89 TYPE OF PUMP USED (for test) C centrifugal, 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) LAND SURFACE (nearest foot)

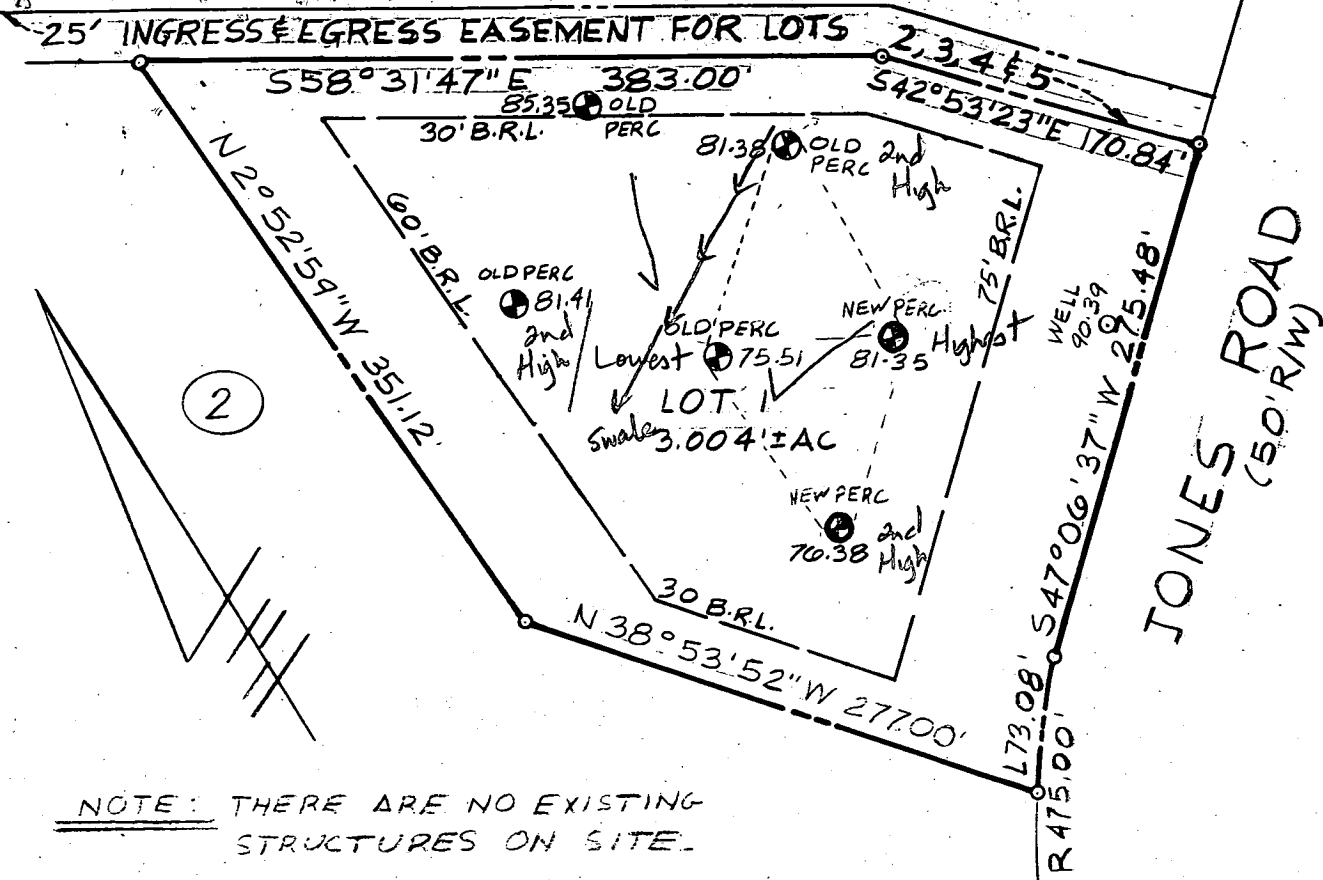
CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 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. 273 DRILLERS SIGNATURE SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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)

5



2

NOTE: THERE ARE NO EXISTING STRUCTURES ON SITE.



/// This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.

Percolation test holes shown hereon have been field located and shown as "⊕"

The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

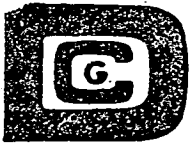
APPROVED: For Private Water and Private Sewage Systems

Joyce Bogdan 3-9-88
 County Health Office *(Signature)* Date

PERCOLATION TEST PLAT

LOT #1
 "PETTY SUBDIVISION"
 TAX MAP #13220
 PARCEL #43
 4TH ELECTION DISTRICT
 HOWARD COUNTY, M.D.
 SCALE: 1" = 100' ~ DATE: 2-29-88
 REV. 3-1-88

VITTI, ROBEL & ASSOCIATES, INC.
 1717 YORK ROAD
 LUTHERVILLE, MARYLAND 21093
 252-4552



**DEVELOPMENT
CONSULTANTS
GROUP**

SURVEYORS, ENGINEERS & LAND PLANNERS
SUITE 102
17904 GEORGIA AVE.
OLNEY, MD 20832

924-4570

HOUSE LOCATION PLAT

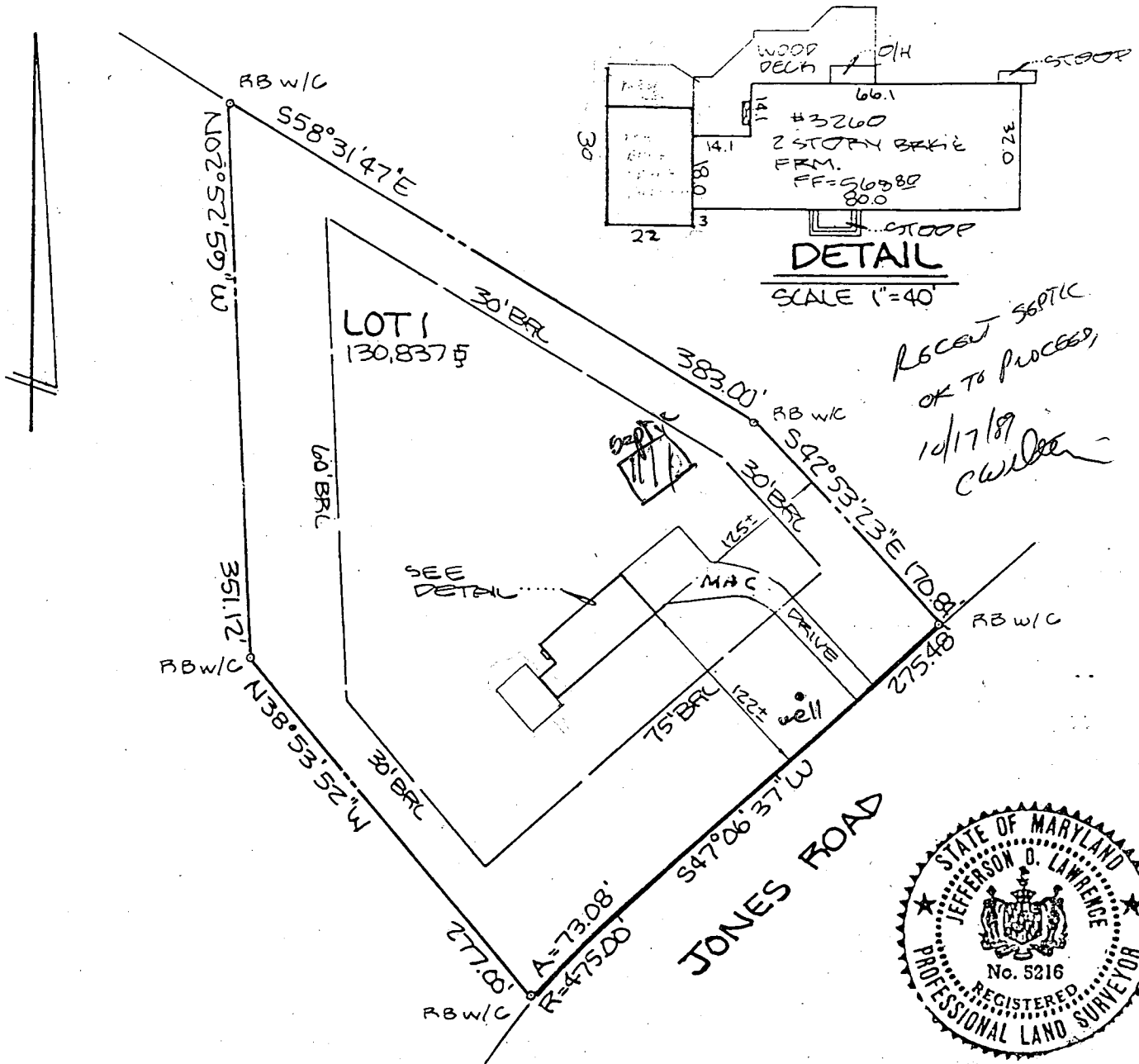
LOT 1 BLOCK

PETTY SUBDIVISION

COUNTY OF HOWARD

PLAT BK. —

PLAT NO. 7630



Not in flood plain per existing records unless otherwise noted.

SURVEYOR'S CERTIFICATION

I hereby certify to the best of my knowledge & belief that the property delineated hereon is in accordance with the Plat of Subdivision and/or deed of record, that the improvements were located by accepted field practices and include permanent visible structures and encroachments, if any. This Plat is not for determining property lines, but prepared for exclusive use of present owners of property and also those who purchase, mortgage, or guarantee the title thereto, within six months from date hereof, and as to them I warrant the accuracy of this Plat.

Jefferson G. Lawrence
Professional Land Surveyor No. 5216

JOB NO 21-654

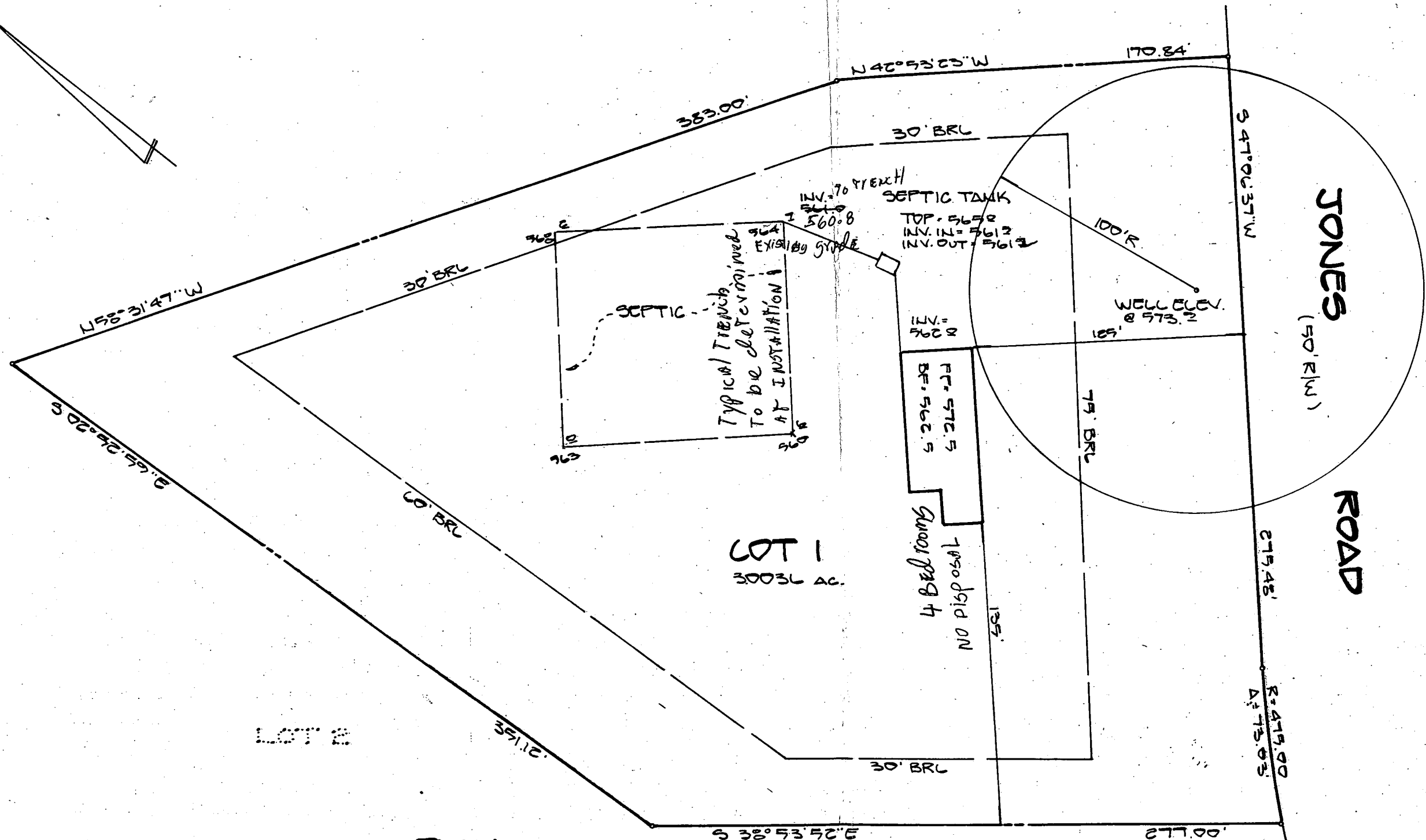
Scale 1"=100'

DATES

Wall Ck 11-23-88

Final Loc: 5-8-89

Recent: 9-5-89



PLAN
SCALE: 1"=90'

Vincent J Czeka OCT 24, 1988

DEVELOPER / OWNER:
SENECA HOMES BLD.
3126 CABIN RUN
WOODBINE, MD 21797
854-6985



**DEVELOPMENT
CONSULTANTS
GROUP, INC.**

17904 GEORGIA AVENUE # 102
OLNEY, MARYLAND 20832
301-924-4570

LOT 1
PETTY PROPERTY
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

DATE OCT 88	Sheet
DRAWN MCH	1
CHECKED JDL	of 1
SCALE 1"=90'	PROJECT NO 21-694