

cap. 11-17-82 - ff

11/15/82
final - anytime
10/20/82

PERMIT

P 32279
A A28877

SEWAGE DISPOSAL SYSTEM
MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

04-341384

ELLICOTT CITY

DISTRICT 4th

DATE Oct. 28, 1982

INDEX

Olen Ketterman

IS PERMITTED TO INSTALL ALTER

ADDRESS 14960 Frederick Road, Woodbine, Md. 21797 PHONE 442-1336

SUBDIVISION Countryside ROAD 3502 Countryside Dr. LOT 1

PROPERTY OWNER Larry M. & Denise L. Ditizio DAVID & DIANE FRIEDEL

ADDRESS 2588 Lance Dr., Mt. Airy, Md. 21771 Phone: 875-4298

SPECIFICATIONS 4 Bedrooms NOTE: Owner stated that the house would have 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

500 sq ft needed

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

INLET PIPE _____ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH _____ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN

FACING LOT FROM

TRENCH - Trenches to be 2' wide. Inlet to be 3' below original grade and effective absorbant area from 3' - 7' only. Maximum depth of trenches to be 7' below original grade. A min. of 125' effective absorbant sidewall area per bedroom needed. Trenches can not exceed 100' in length. Distribution box to be used if more than 1 trench used. Two inspections of trenches required - before and after stone installed. If more than 1 trench used - need to have 15' distance between trenches, center to center. Run trenches on contour, and/or on level ground as much as possible. Start trenches at a point 150' in from Countryside Dr. and in 150' from lot line adjacent to Maryland Rt. 97. 11/12/82 OK house 11' deep trench per 15' visual hole this date.

PLANS APPROVED BY Charles B. Streaker *A.S.* DATE 1/9/81 *11/12/82*

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SEWAGE DISPOSAL SYSTEM.

NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 8 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

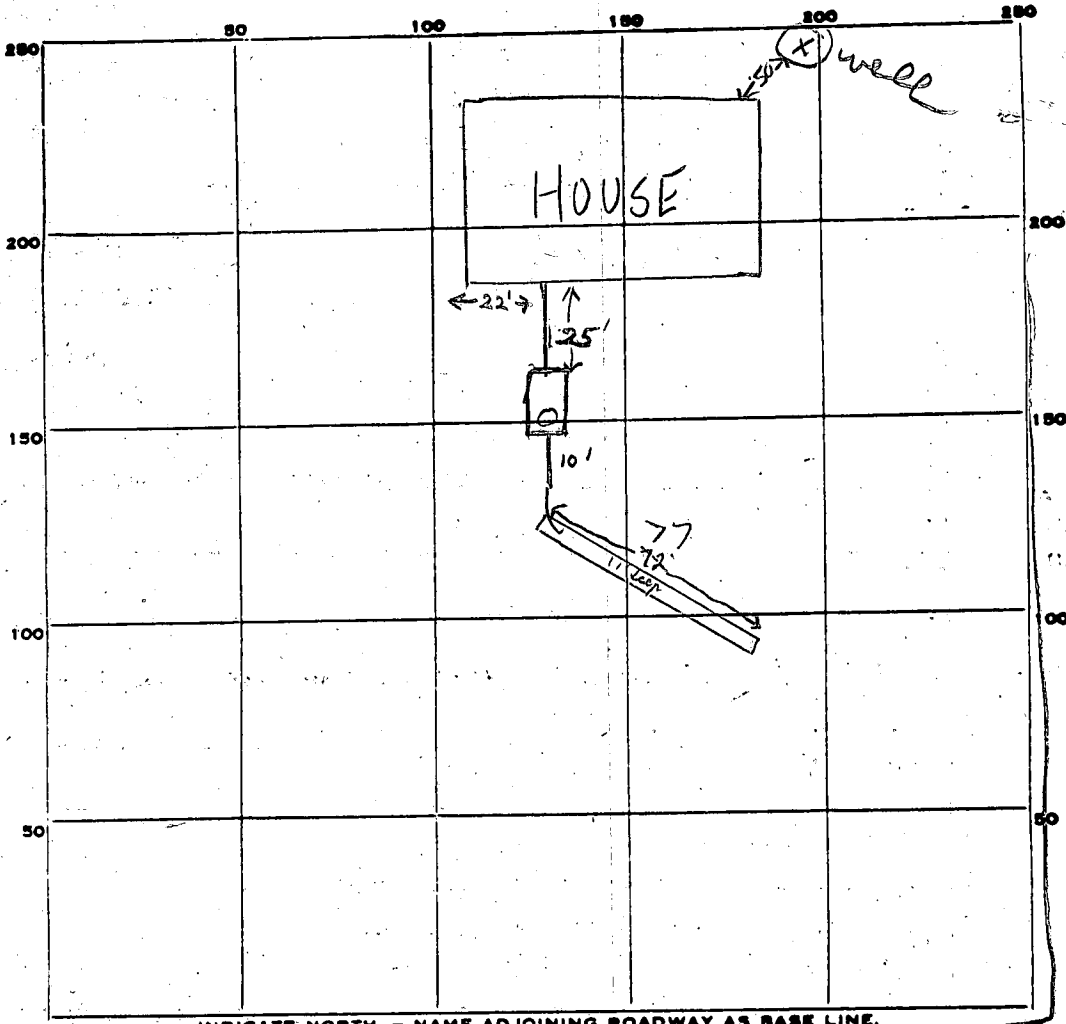
*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

BLDG. PERMIT SIGNED AND RETURNED
9-11-78
Serial # 210 114028
nan desk

BLDG. PERMIT SIGNED AND RETURNED
7/8/82
Serial # 13047
P.M.

A28877

126
 24
 500



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Country Side Dr

RD
 97

PERMIT CARD

SEPTIC TANK, LEVEL 1500 Gal CLEANOUTS ST

DISTRIBUTION BOX, LEVEL Man hole

TILE FIELD, DEPTH 11 FT. TRENCH WIDTH 2 FT.

with 1/2
 1 6 1/2

GRAVEL DEPTH 6 IN. TOTAL LENGTH 72.77 FT.

11/12/82 15' deep visual
 hole checked @ far
 end of trench O.K. JG

NUMBER OF TRENCHES 1 ONE SIDE TOTAL BOTTOM AREA 462

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

4BR
 500 SQFT
 NEEDED RH

REMARKS 10/29/82 OK to cover work to septic

tanks. 11/12/82 Must inspect connection from tank to trench, OK to put gravel in trench

11/15/82 STONE ADDED BUT CANNOT SEE CONNECTION

FROM TANK TO DITCH UNCOVER AREA WHERE PIPE

ENTERS TRENCH ADD 50 SQFT TO DITCH, THAT IS

10 FT LONG 11 FT DEEP FILLED WITH 6 FT STONE RID

DATE SYSTEM APPROVED 11-17-82 INSPECTOR [Signature]

per conversation @ OK

Date Received (OEP use only) _____ DATE WELL COMPLETED **1/19/12** Depth of Well **140** PERMIT NO. FROM "PERMIT TO DRILL WELL" **40-73-4246**
 (TO NEAREST FOOT) 28 29 30 31 32 33 34 35 36 37

OWNER **Ditizio** **Larry**
 last name first name
 STREET OR RFD **Countryside Drive @ Md Rt 97** TOWN **Glenwood**
 SUBDIVISION **Countryside** SECTION _____ LOT **1**

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	
top soil	0	5	
shaley	5	16	
Brown mica	16	30	
shaley	30	35	
Blue mica	35	40	
shaley	40	43	
Brown mica	43	50	
Blue mica	50	84	
Brown mica	84	116	
Blue mica	116	126	
Brown mica	126	128	
Blue mica	128	140	

GROUTING RECORD
 WELL HAS BEEN GROUTED: YES NO
 (Circle Appropriate Box)
 TYPE OF GROUTING MATERIAL: CEMENT BENTONITE CLAY
 CEMENT M BENTONITE CLAY B C
 NO. OF BAGS **17** NO. OF POUNDS **1700**
 GALLONS OF WATER **85**
 DEPTH OF GROUT SEAL (to nearest foot) from **0** ft. to **45** ft.
 (enter 0 if from surface) 48 TOP 58 BOTTOM

CASING RECORD
 casing types insert appropriate code below
 ST STEEL CO CONCRETE
 PL PLASTIC OT OTHER
 MAIN CASING TYPE: S T Nominal diameter top/main casing (nearest inch) **6** Total depth of main casing (nearest foot) **49**

OTHER CASING (if used) diameter inch _____ depth (feet) from _____ to _____
 E A C H C A S I N G

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

C 2 (Seq. no.)
 DEPTH (nearest ft.) **47** **140**
 E A C H S C R E E N

CIRCLE APPROPRIATE BOX
 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. **977**
Douglas J. Costello
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
Louis V. Easter
 SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

SLOT SIZE _____
 DIAMETER OF SCREEN: _____ (NEAREST INCH)
 from _____ to _____

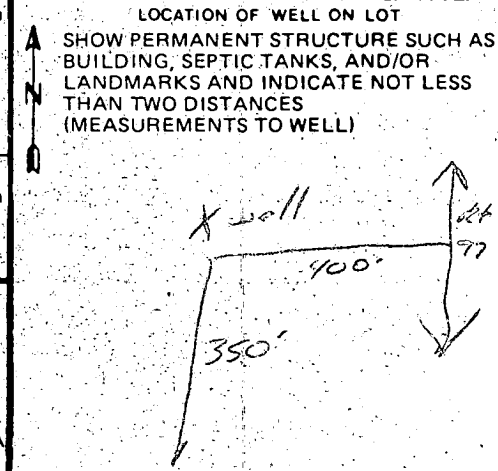
GRAVEL PACK _____
 IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

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 (seq. no.)
PUMPING TEST
 HOURS PUMPED (nearest hour) **5**
 PUMPING RATE (gal. per min. to nearest gal.) **16/10**
 METHOD USED TO MEASURE PUMPING RATE **bucket**
 WATER LEVEL (distance from land surface) BEFORE PUMPING **30 37** WHEN PUMPING **52 1/2**
 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 YES NO
 DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) Y N
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)) _____
 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)



Countryside

B 1 0729 SEQUENCE NO. (OEP 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

OEP PERMIT NUMBER
 HO-73-4246
 fill in this form completely

Date Received 9:30 AM 8/19/82
 OWNER INFORMATION
 Last Name 15 DITIZIO, LARRY
 Street or RFD. 36 2313 BEREN LANE 55
 Town 57 WESTMINSTER State 76 Zip 21157

B 3 LOCATION OF WELL
 COUNTY 8 HOWARD 21
 SUBDIVISION 23 COUNTRYSIDE EST. 42
 SECTION 44 LOT 48 1 50
 NEAREST TOWN 52 GLENWOOD
 MILES FROM TOWN (enter 0 if in town) 73 2 M 71 I 76 77 78

B 7 Continued DRILLER INFORMATION
 Driller's Name 77 License No. 80 GENECE F. EASTERDAY 40
 Firm Name I. F. EASTERDAY, INC.
 Address 92165 BERNARD CHURCH RD. MT. AIRY MD.
 Signature 8/15/82 Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 NEAR WHAT ROAD 11 RT. 97 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 DISTANCE FROM ROAD 34 200 37 (E) (M) 38 39

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) 5 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 500 20

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)

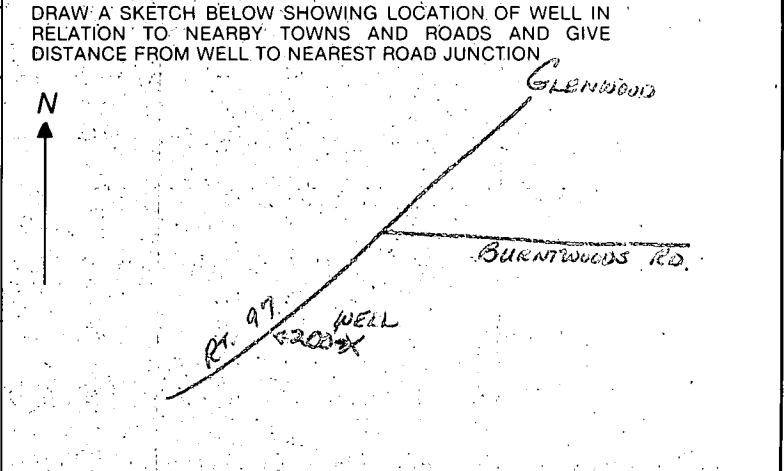
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. 49' casing
 2. 45' open hole
 3. 2' casing above grade
 17' log of cement
 O.K. F.S.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E 790 0
 N 520 4

APPROXIMATE DEPTH OF WELL 24 150 28 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)
 BORED (OR AUGERED) JETTED JETTED & DRIVEN
 AIR ROTARY AIR PERCUSSION ROTARY (HYDRAULIC ROTARY)
 CABLE REVERSE ROTARY DRIVE POINT
 other

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) 41 52



Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER 54 GAP 63
 FORCE 5 WRITE INITIALS IN BOX 64 68 PERMIT NO. 70 71 72 73 74 75 76 77 78 79 HO-73-4246

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 COUNTY NAME HOWARD COUNTY NO. A28877
 OEP SIGNATURE DATE ISSUED 081082 CO SIGNATURE
 NORTH GRID 50 524 EAST GRID 55 079 63 EXPIRES 021083

B 5 SPECIAL CONDITIONS 8-63

MD. RTE. 97

Dedicated to
H&Co for the
purpose of Public
Road Widening



Proposed House
Proposed 10,000 S.F. Min.
Septic Reservation



Percolation Test Hole



Proposed Well

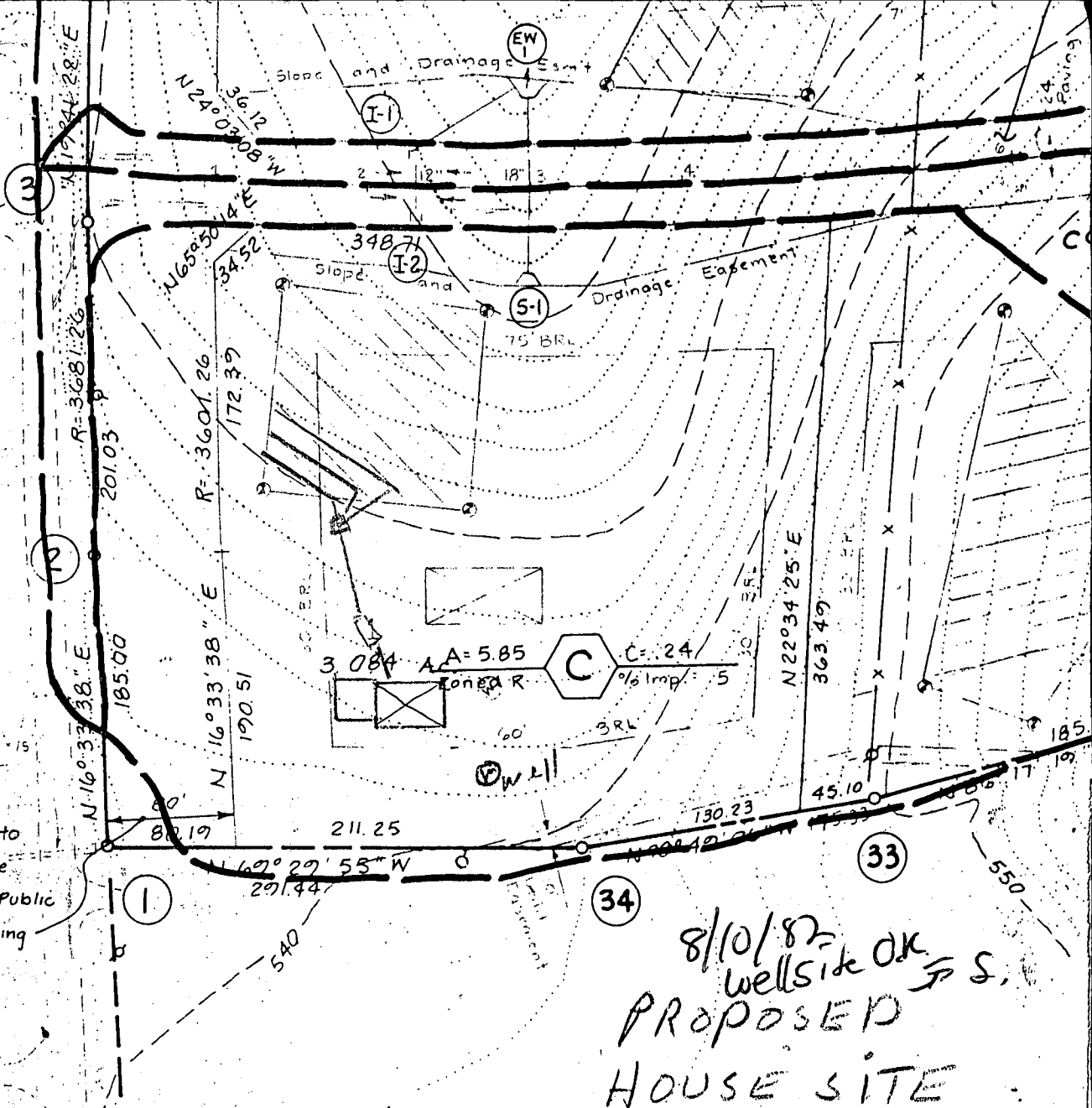
540

Existing Contours

540

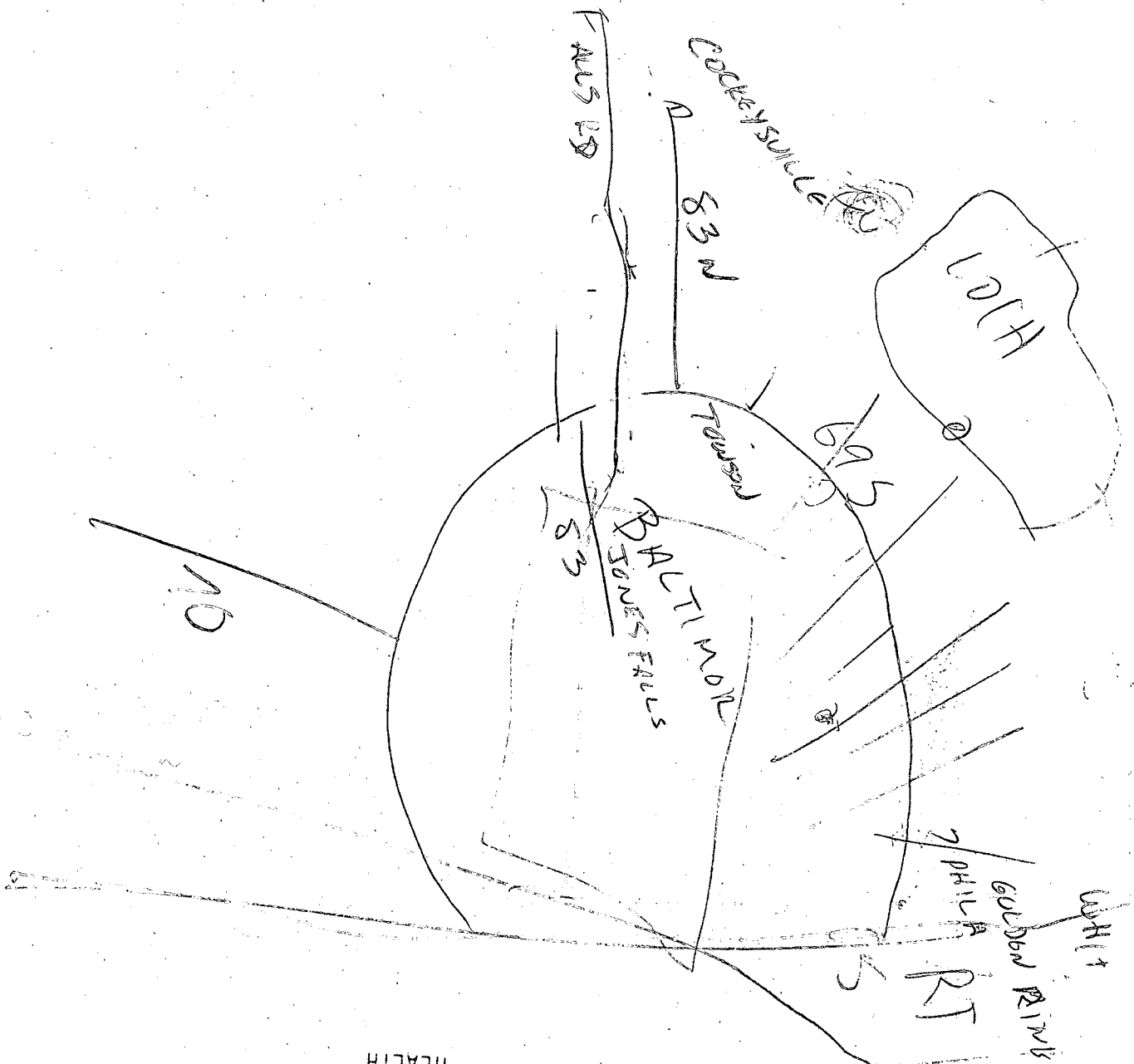
Proposed Contours

Limit of Submission



8/10/87
wellsite OK S.S.
PROPOSED
HOUSE SITE
LOT 1
COUNTRY SIDE

J Paul Higgins



RECEIVED
 HOWARD COUNTY
 HEALTH DEPT.
 AUG 6 3 02 PM '82
 DIVISION OF
 ENVIRONMENTAL
 HEALTH

COUNTRYSIDE

S/D

A28877

Lot Number

#1

F 80-108

Septic tank	1 - 3 Bedrooms	1000 gallons
	4 Bedrooms	1250 gallons

Trenches to be 3' wide. Inlet to be 3' below original grade and effective absorbant area from 3' - 7' only. Maximum depth of trenches to be 7' below original grade. A minimum of 125' sq.ft. effective absorbant sidewall area per bedroom needed. Trenches can not exceed 100' in length. Distribution box to be used if more than 1 trench used. Two inspections of trenches required - before and after stone installed. If more than 1 trench used - need to have 15 ft. distance between trenches, center to center. Run trenches on contour. *+ or on level ground as much as possible.*

LOCATION: Start trenches at a point ¹⁵⁰~~75~~' in from Countryside Drive and in 150' from lot line adjacent to Maryland Route 97.

APPLICATION

Paul

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 28877
P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4th
DATE 9/15/78

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 Estate of Sylvan Manger Larry M. + Denise L. Ditzio
2588 Vance Drive
ADDRESS Mt. Airy, Md 21777 PHONE P 75-4298

PROPERTY LOCATION:

SUBDIVISION Countryside S/D LOT NO. 28 *Final #1 per plat*

ROAD AND DESCRIPTION Route 97 3502 Countryside Drive

SIZE OF LOT x^x 3 acres m/1 TYPE BLDG. 3 or 4 bedrooms

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.

SIGNATURE OF APPLICANT /s/ Bernard Rome

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 9/16/78
Final # 57671

THIS IS NOT A PERMIT

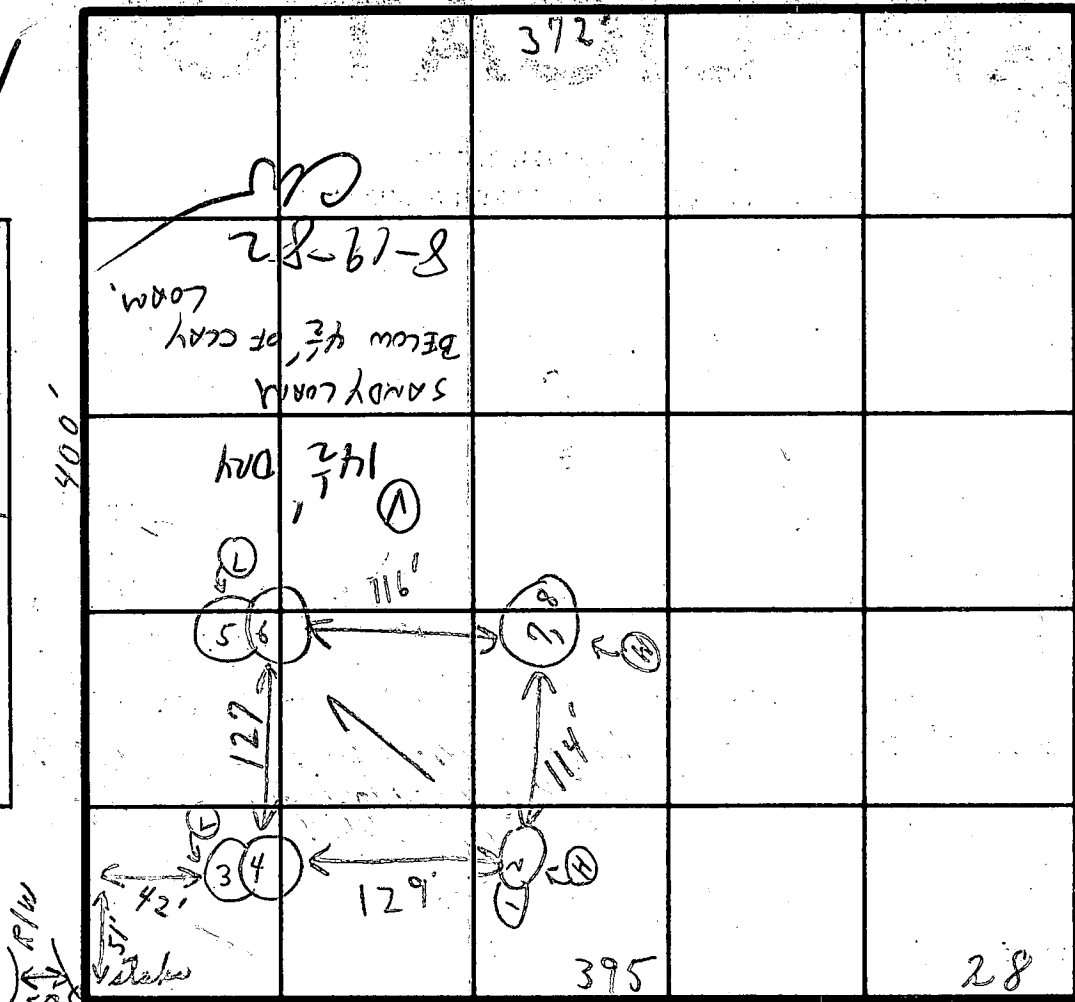
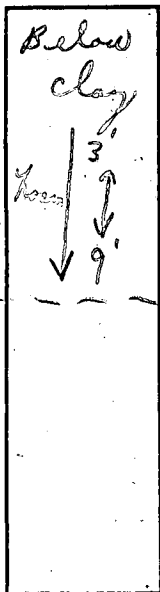
28
Final #1

Field sheet

Tests per stake

205

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Rt 97

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/30/78	1	3 1/2'	1:35	1:38	1:38	1:39	2 min
	(H) 2	8'	1:35	1:38	1:38	1:39	2 min
	3 pt	3 1/2'	1:18	1:22	1:22	1:24	2 min
	(L) 4 pt	8 1/2'	1:18	1:20	1:20	1:23	3 min
	5 pt	3'	1:21	1:25	1:25	1:27	2-3 min
	(L) 6 pt	9'	1:21	1:23	1:23	1:26	3 min
	7	3 1/2'	1:30	1:33	1:40	1:45	5 min
	(H) 8	7 1/2'	1:30	1:32	1:40	1:47	7 min
		all holes dug and sealed when					in supervision
		Tests for shallow system					pulling + the

Under 3' Max depth + 9'

in supervision pulling + the test cut

REMARKS

Tests in open field

Samuel Carl Helgeson

TYPE OF SOIL

Mr. P. Gallagher
Mr. Rome

TESTED BY

C. B. J.

ALSO PRESENT

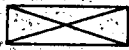
Kay, Queenberry & Helgeson

Soil Profile
Below clay
sandy
loam

MD. RTE. 97

Dedicated to Ho. Co for the purpose of Public Road Widening

LEGEND



Proposed House



Proposed 10,000 S.F. Min. Septic Reservation



Percolation Test Hole



Proposed Well

540

Existing Contours

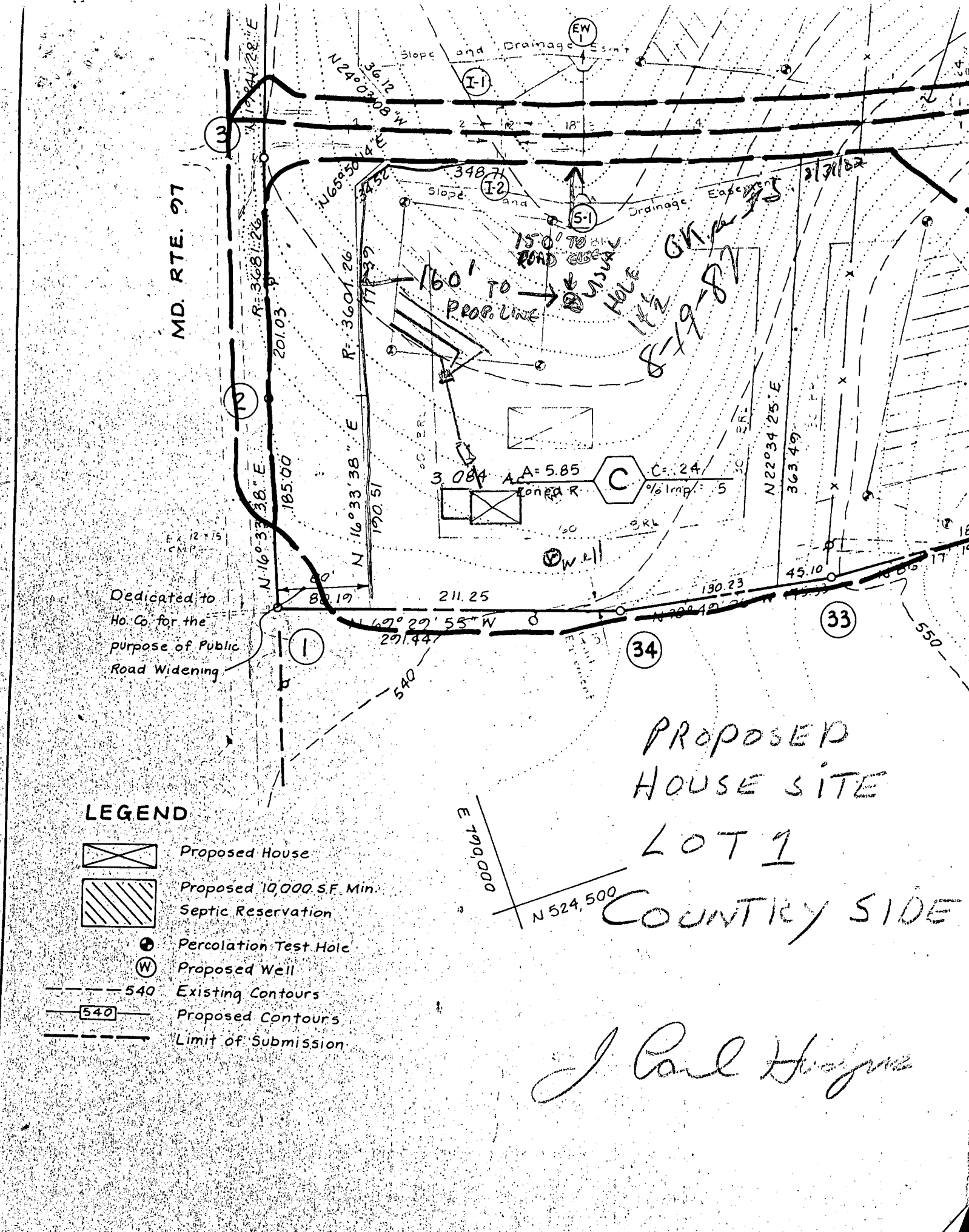
540

Proposed Contours

Limit of Submission

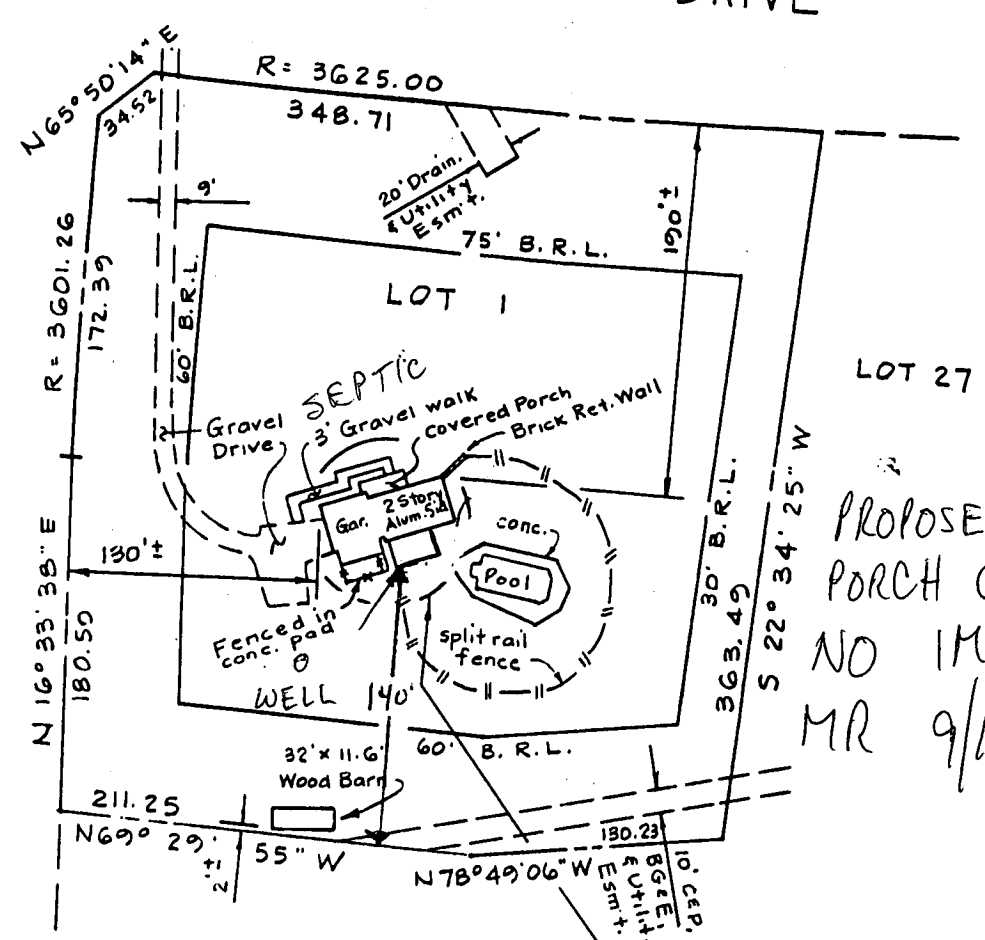
PROPOSED HOUSE SITE LOT 1 COUNTRY SIDE

J Paul Higgins



COUNTRYSIDE DRIVE

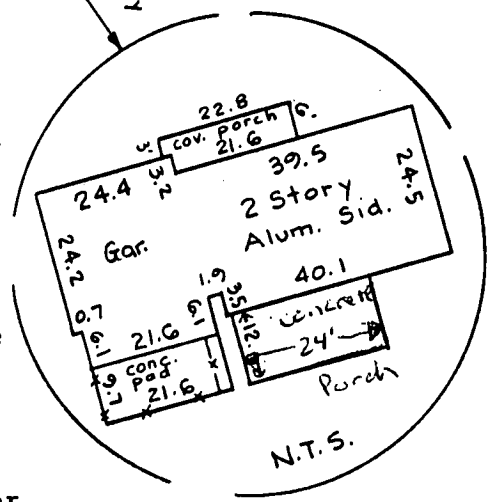
MD. RTE. 197



LOT 27
 PROPOSED
 PORCH OK
 NO IMPACT
 MR 9/10/98

I hereby certify that the information on this plat shows only that the improvements indicated hereon are contained within the outlines of the lot upon which they were erected, unless otherwise noted, and is not to be used to establish property lines or corners.

Note: I hereby certify that I have examined the current Flood Insurance Rate Map (FIRM No. 240044 00148) for the subject property and no portion of the property lies within an area identified by the Sec. of the Dept. of Housing and Urban Development as having special flood or mud slide hazard.



Plat Ref. CMP No. 4781

Location Survey
 LOT 1

