

4/26/00  
ASAP  
4/27/00 2pm  
4/28/00  
12:30-1:00

5/1/00  
ASAP

# PERMIT

**SEWAGE DISPOSAL SYSTEM**  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
410-313-2640

P 513398

A REPAIR

ISSUE DATE 04-19-2000

APPROVAL DATE 5/1/00

**INDEXED**

**05-386772**

Zepp Plumbing & Heating, Inc.

IS PERMITTED TO INSTALL ALTER  X

ADDRESS 12447 Route 108, Clarksville, MD 21029 PHONE 410-531-6712

SUBDIVISION Kalmia Farms LOT NUMBER 28 ADDRESS 5239 Ilex Way

PROPERTY OWNER Santilli PROPERTY OWNER'S ADDRESS Same

SEPTIC TANK CAPACITY \_\_\_\_\_ GALLONS

PUMP CHAMBER CAPACITY \_\_\_\_\_ GALLONS

NUMBER OF BEDROOMS \_\_\_\_\_

SQUARE FEET PER BEDROOM \_\_\_\_\_

LINEAR FEET OF TRENCH REQUIRED \_\_\_\_\_

TRENCHES: Trenches to be \_\_\_\_\_ feet wide. Inlet \_\_\_\_\_ feet below original grade. Bottom maximum depth  
\_\_\_\_\_ feet below original grade. \_\_\_\_\_ feet of stone below distribution box.

LOCATION: \_\_\_\_\_

REPAIR - PURPOSE - Existing septic system has failed.

Call for inspection when ground is opened so sanitarian can recommend repair. 4-19-00

PLANS APPROVED \_\_\_\_\_ DATE \_\_\_\_\_

PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS ARE NOT ACCEPTABLE

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRAINFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS OTHERWISE SPECIFICALLY AUTHORIZED

NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED

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

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

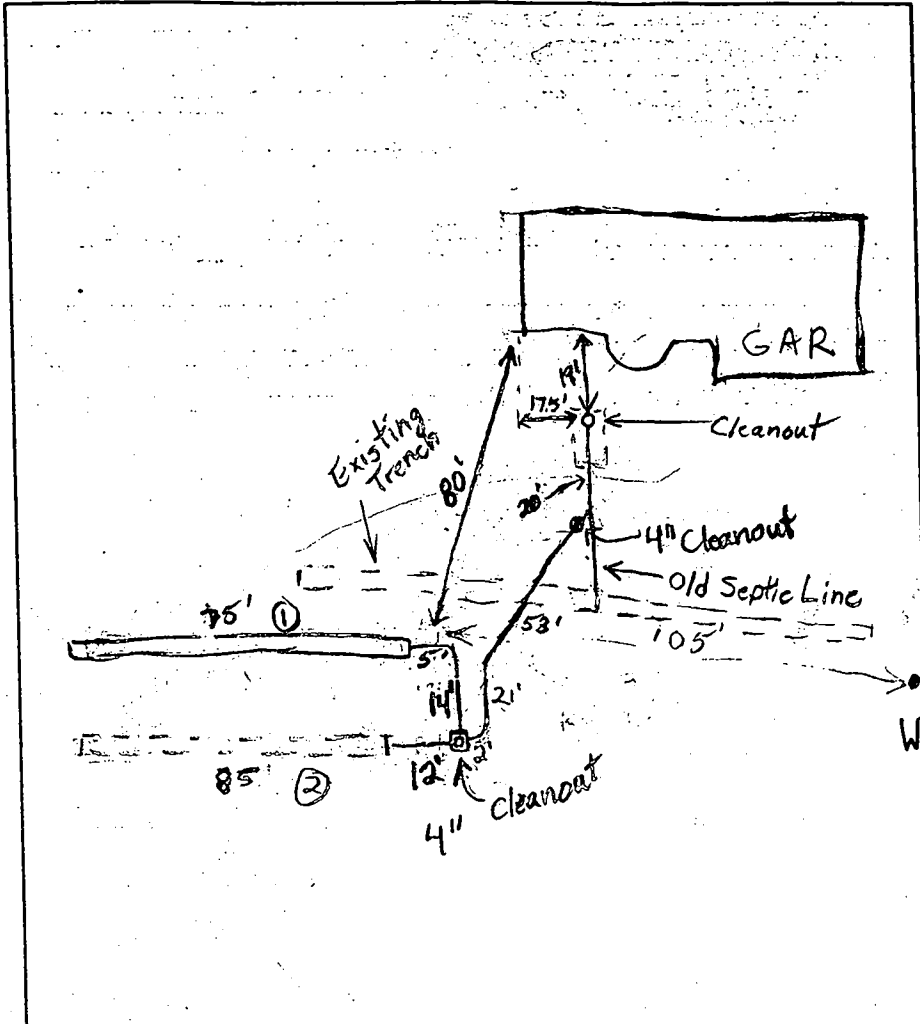
NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

513398

NOT TO SCALE



**TRENCH DATA**

TRENCH WIDTH 2.0  
 TRENCH INLET DEPTH 4.0  
 TRENCH BOTTOM DEPTH 9.0  
 DEPTH OF STONE 5.0  
 NUMBER OF TRENCHES 2  
 TOTAL TRENCH LENGTH 130'  
 ABSORBENT AREA 650 sq ft  
 DISTRIBUTION BOX LEVEL \_\_\_\_\_  
 BAFFLE IN DISTRIBUTION BOX \_\_\_\_\_

**SEPTIC TANK DATA**

SEPTIC TANK 1250? GALLONS  
 MANHOLE RISER No  
 6 INCH INSPECTION PORT Yes

**PUMP CHAMBER DATA**

PUMP CHAMBER GALLONS \_\_\_\_\_  
 MANHOLE RISER \_\_\_\_\_  
 ALARM \_\_\_\_\_  
 PUMP PERFORMANCE TEST

Ilex Way  
 PRE-CONSTRUCTION INSPECTION: 4/26/00 To install two 65' trenches running  
toward left lot line. 2.0' wide, 4.0' inlet, 9.0' depth. To be installed  
 INSPECTION COMMENTS: between new trenches and old trench. Cleanout required  
between tank and distribution box. First trench started. (BB)  
4/27/00 Rock pocket found 5" into trench #2. Will extend trench to  
75' and fill first 10' of trench with dirt and use solid pipe over rock.  
No connection to trench 1 made, O.K. to cover remainder of trench 1. (BB)  
4/28/00 Trench 2 caved in 30' from beginning, unable to use 15' section. Overall  
trench length inlet del = 135'. (BB)

INSPECTOR C. J. Wilhite DATE SYSTEM APPROVED 5/1/00

8/4/83 Appl. P.S.

6/28/83

# PERMIT

P 32894  
A 26956

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

ELLICOTT CITY  
DISTRICT 5th

## INDEX

DATE 6/27/83

Olen Ketterman IS PERMITTED TO INSTALL  ALTER

ADDRESS 14960 Frederick Road, Woodbine, Maryland 21797 PHONE 442-1336

SUBDIVISION Kalmia Farms ROAD 5239 Ilex Way LOT 28, Sec. 1

PROPERTY OWNER ~~Gary and Michelle Amirault~~ Sentilli

ADDRESS 1820 Bluejay Court, Severn, Maryland 21144 Phone: 621-7122 854-0211

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

GARBAGE GRINDER? YES  NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - To be 3 ft. wide. Inlet to be 3 ft. below original grade and effective absorbent from 3-4 ft to 10 ft. only. Maximum depth of trenches to be 10 ft. below original grade. A minimum of 158 sq. ft. effective absorbent sidewall area per bedroom needed. Trenches cannot exceed 100 ft. in length. Distribution box to be used if more than one trench used. Two inspections of trenches required - before and after stone installed. If more than ~~one~~ one trench used - need to have a 15 ft. distance between trenches, center to center. Run trenches on contour. Start trenches at a point 130 ft. fx down right property line when facing lot from Ilex Way and 10 ft. in from right property line when facing lot from ~~XXM~~ Ilex Way.

PLANS APPROVED BY Charles B. Streaker & Frank A. Skinner DATE 2/13/79 & 6/27/83

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

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 THREE YEARS.

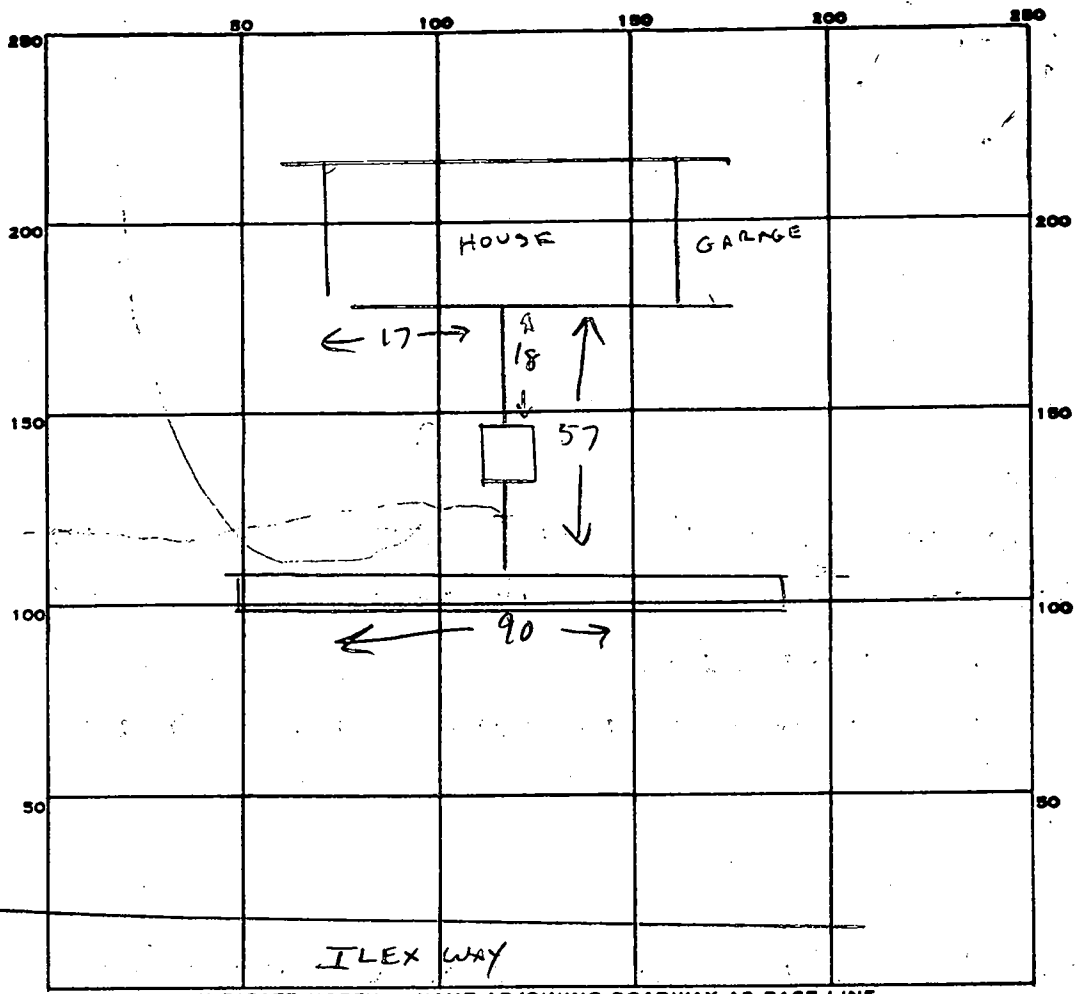
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

LOG. PERMIT SIGNED AND RETURNED 7/11/83  
Sentilli 27706  
deck + iron

A 26956

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.



158  
7  
632

90  
36

PERMIT CARD \_\_\_\_\_

SEPTIC TANK, LEVEL

CLEANOUTS \_\_\_\_\_

DISTRIBUTION BOX, LEVEL NA

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 7 FT IN. TOTAL LENGTH 90 FT.

NUMBER OF TRENCHES 1 <sup>1 SIDEWALK</sup> TOTAL BOTTOM AREA 630

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 630 SQ. FT.

REMARKS \_\_\_\_\_

NEED SEPTIC HOOK UP - 6-28-83 CW

DATE SYSTEM APPROVED

8/4/83

INSPECTOR

Frank Sklar

# APPLICATION

A 26956

## SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 1000 gallons  
1250 gallons

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

Septic tank { 1-3 Bedrooms  
4 Bedrooms

(shallow systems)

DISTRICT \_\_\_\_\_  
DATE \_\_\_\_\_

{ see more of #28  
of next application  
of my supervisor. }  
C.B.S.

W.B. on Signal P.

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 <sup>(?) FOR</sup> ~~KALMIA FARMS SEC. I.~~

ADDRESS Gary + Michelle Amirgult PHONE 621-7122  
1820 Bluejay Court

PROPERTY LOCATION: Severn, MD 21144

SUBDIVISION KALMIA FARMS SEC I LOT NO. 28

ROAD AND DESCRIPTION TRIADELPHIA MILL RD  
5239 Hex Way

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. 4 B.R per 6PH 53504

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 \_\_\_\_\_

APPROVED BY Howard County Health Dept. FOR shallow trenches only DATE 2/13/79  
<sup>C.F.F. + D.W.M. C.B.S.</sup>

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING Tests of 10/20/78 Lot #28 previously tested by P.T. Hall  
C.B.S.

BLDG. PERMIT SIGNED  
AND RETURNED 5/3/83

Serial # 53574 SFAD.

# THIS IS NOT A PERMIT

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

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

Septic tank { 1-3 Bedrooms  
4 Bedrooms

A 26956  
P 1000 gallons  
1250 gallons

(Shallow systems)

{ See notes on #28  
of next application  
of my supervisor. }  
C.B.S.

W.B. on Signal

DISTRICT \_\_\_\_\_  
DATE \_\_\_\_\_

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 <sup>(?) FOR</sup> KALMIA FARMS SEC. I.

ADDRESS Gary + Michelle Amirault PHONE 621-7122  
1820 Bluejay Court

PROPERTY LOCATION Severn, MD 2144

SUBDIVISION KALMIA FARMS SEC I LOT NO. 28

ROAD AND DESCRIPTION TRIADELPHIA MILL RD  
5239 Hex Way

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. 4 B.R. per 6PH 53504

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 \_\_\_\_\_ F.F. + D.W.M. Shallow

APPROVED BY Howard County Health Dept. FOR Tranches only DATE 2/13/79  
C.B.S.

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING Tests of 10/20/78 Lot #28 previously tested by P.T. O'Neil  
C.B.S.

BLDG. PERMIT SIGNED  
AND RETURNED 5/3/83

Serial # 53574 SFD.

# THIS IS NOT A PERMIT

RETEST

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 32762

P \_\_\_\_\_

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

DISTRICT 5th

DATE 5/12/83

5/16/83  
1:30 p.m.

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 Gary Amirault

ADDRESS 1820 Bluejay Court, Severn, Md. 21144 PHONE 621-7122

PROPERTY LOCATION:

SUBDIVISION Kalmia Farms LOT NO. 28, Sec. 1

ROAD AND DESCRIPTION Ilex Way

SIZE OF LOT 3 acres m/l TYPE BLDG. 4 bedrooms  
(NUMBER OF 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. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Judith A. Vallone  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

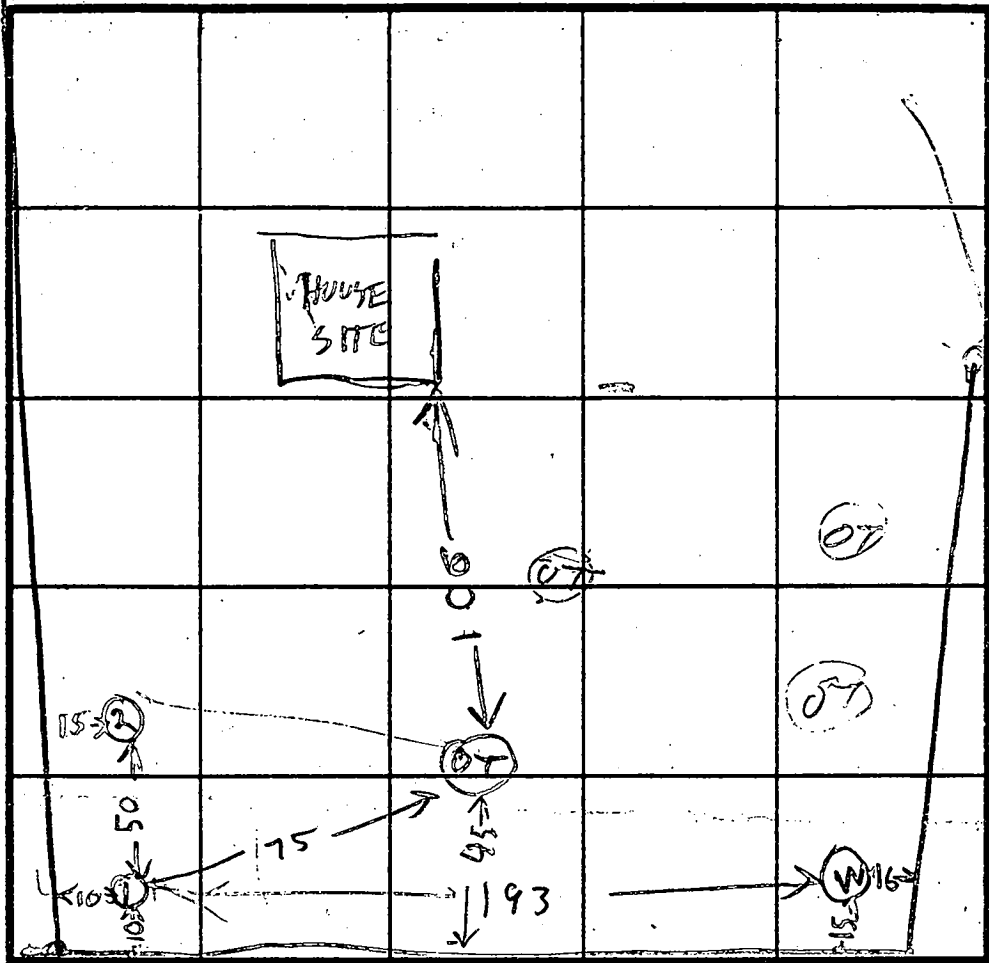
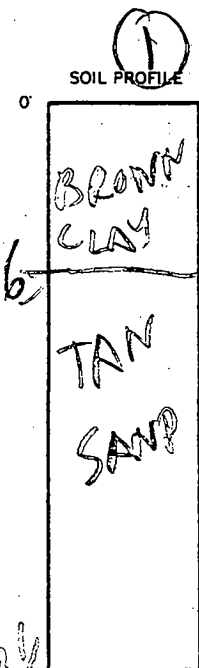
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

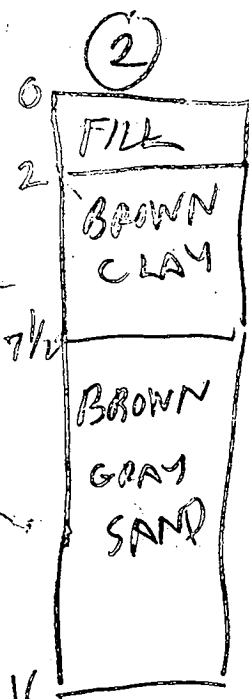
\_\_\_\_\_  
\_\_\_\_\_

# THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ILEX WAY



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/17/83	1 S	6 1/2	200	212	212	227	15	
	1 V	13 1/2	LOOKS OK					
	2 S	8	225	231	231	243	12	
5/17/83	2 V	16	LOOKS OK					3'

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY B. HODGES

ALSO PRESENT C. HODGINS  
O. KETTERMAN

Retract

# APPLICATION

A 31810

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 992-2330

DISTRICT 5th

DATE 2/22/82

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 Ron Marc - Contract Purchaser

ADDRESS 6151 Old Washington Road, Elkridge, Md. 21227 PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Kalmia Farms LOT NO. 28, Sec. 1

ROAD AND DESCRIPTION Ilex Way

SIZE OF LOT 3 acres m/l TYPE BLDG. 3 or 4 bedrooms  
(NUMBER OF 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. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Ron Marc

(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

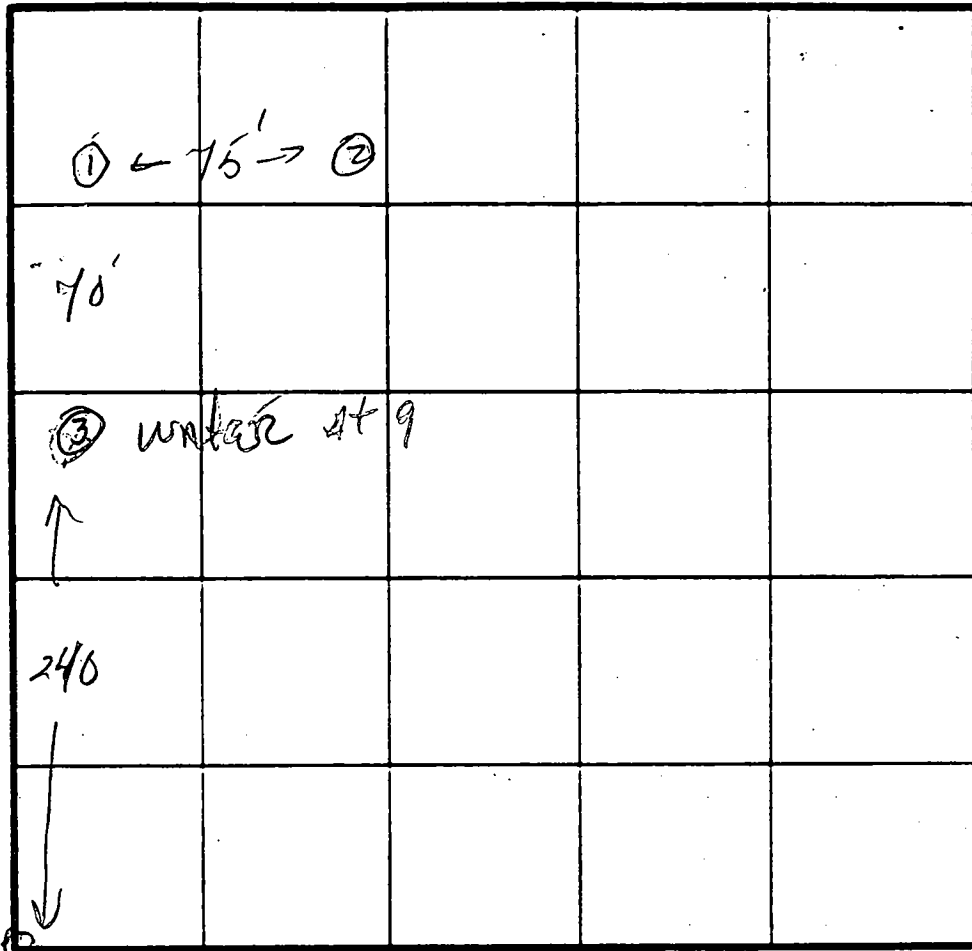
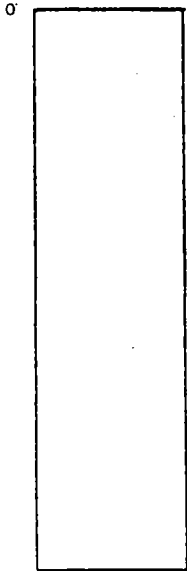
REJECTED BY S. Kiel FOR \_\_\_\_\_ DATE 2/22/82

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING REJECTED FOR H<sub>2</sub>O @ 9-10' SK

## THIS IS NOT A PERMIT

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

ILEX WAY

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
2/24/82	15 1M	4 1/2 8 1/2	1:19 1:20	1:22 1:30	1:22 1:30	1:26 1:48	4 18
-	25 2M	5 9	1:54 1:53	- water			
	3	9'	WATER				

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

8812 1029

# APPLICATION

A \_\_\_\_\_

P \_\_\_\_\_

## SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Kalmia Farms LOT NO. 28

ROAD AND DESCRIPTION Tridelphia Mills Rd.

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_

NUMBER OF BEDROOMS \_\_\_\_\_

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT \_\_\_\_\_

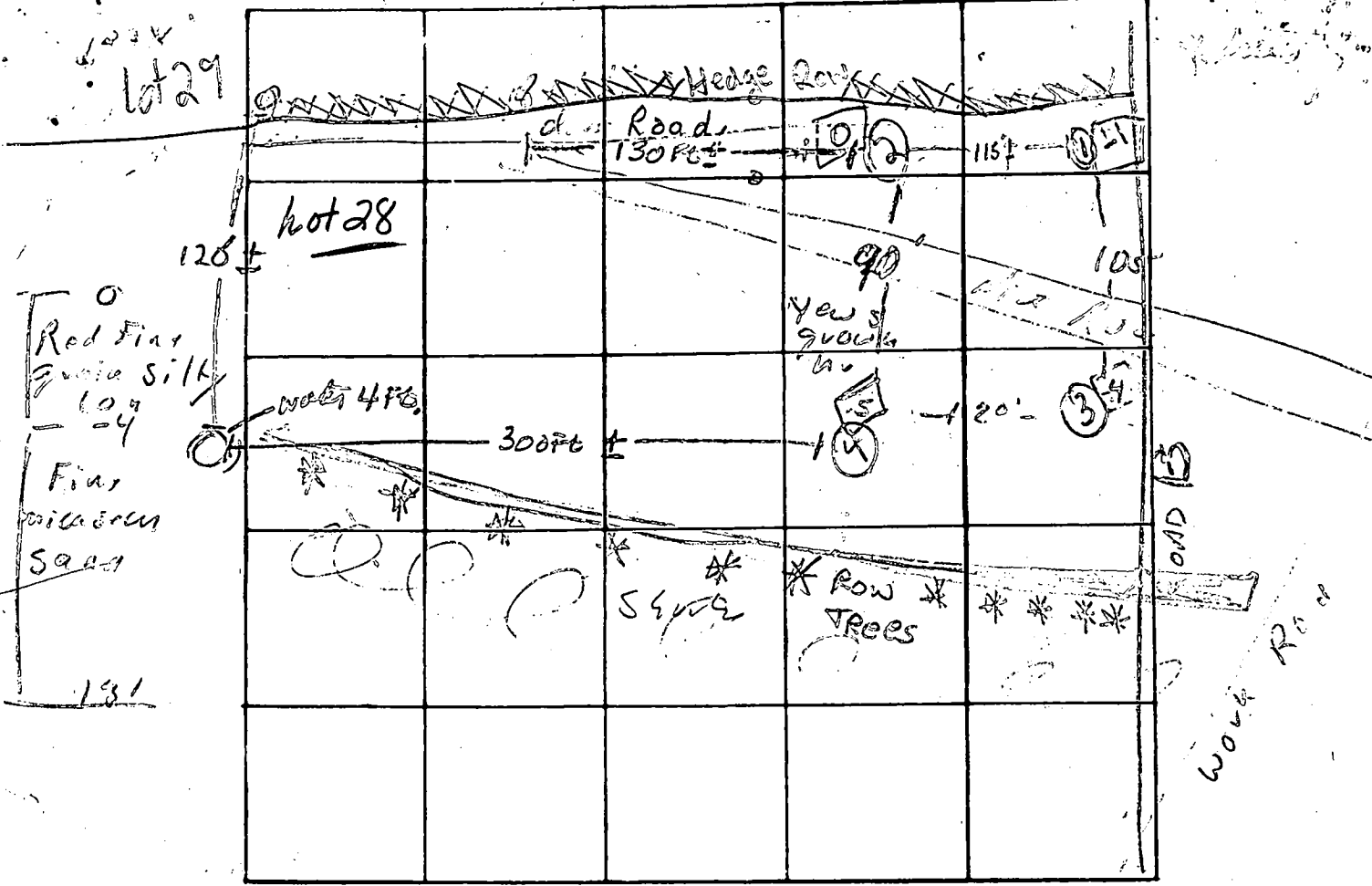
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS Field location of holes wrong DATE 10/10/66

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/17/78	①	shallow	10:20	10:24	10:24	10:29	5 min
		deep	10:20	10:22	10:22	10:29	7 min
3/17/78	②	S	10:31	10:32	10:32	10:33:30	1 1/2 min
		d	10:31	10:33	10:33	10:36	3 min
	③	shallow	10:12	10:17	10:17	10:22	5 min
		deep	10:12	10:15	10:17	10:23	6 min
	④	shallow	10:25	10:27	10:27	10:28	1 min
		deep	10:25	10:27	10:27	10:29:30	2 1/2 min
		d water					
		18 1/2					

REMARKS - water in Hole ④ at 13 1/2 FT reaching to 8 1/2 FT.

TYPE OF SOIL \_\_\_\_\_

TESTED BY M. Bourner 3/17/78 ALSO PRESENT: David O'Neil, Dennis Lush, Rich

KALMIA  
FARMS

SEC. I

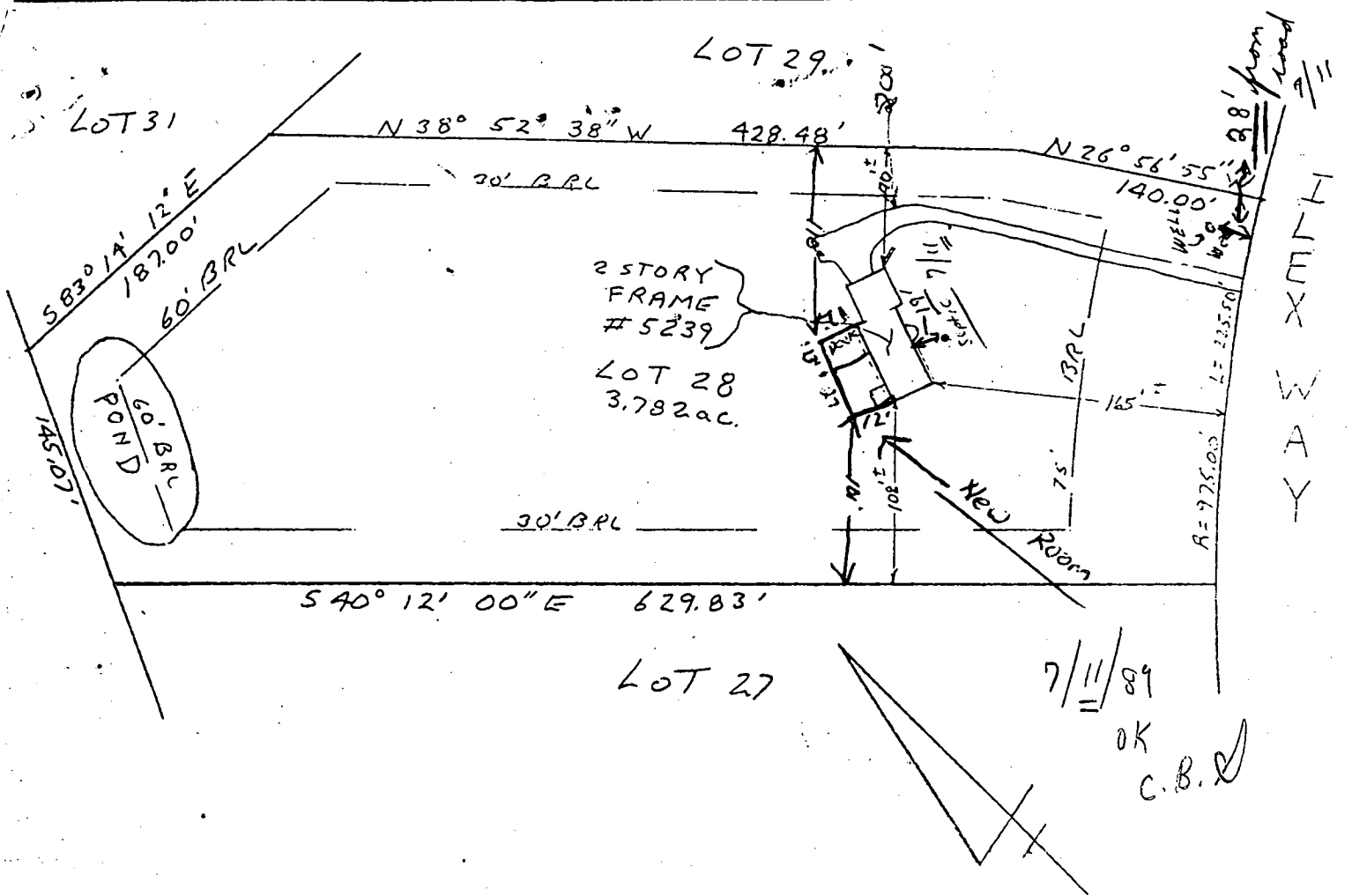
LOT #28

Test <sup>(?)</sup> 10/20/78. C.P.V. &

→ 10/20/78

Boends, crew  
Dennis Mark

12-4-78. per Mr. B. Stroker a number of  
~~tests~~ by D. O'Neill all satisfactory  
were conducted just below area shown on

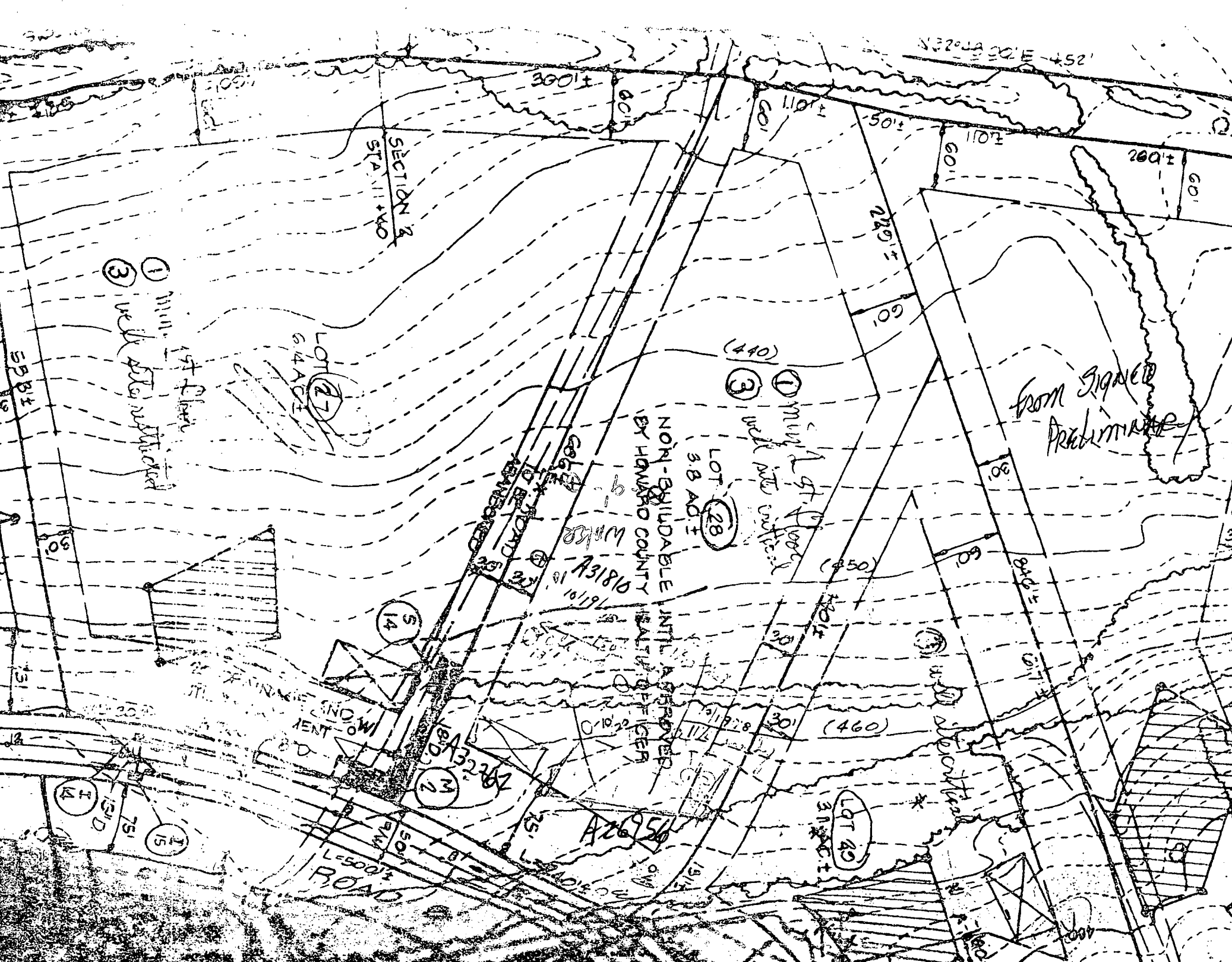


LOCATION SURVEY  
 5239 ILEX WAY  
 5th Election District  
 Howard County Md  
 Scale 1"=100' Date 8-25-85

This is to certify that I have surveyed the property known as lot # 28  
 KALMIA FARMS  
 sheet 5 of 6 recorded as PLAT # 4173 among the  
 land records of Howard County, Maryland for the purpose  
 of locating the improvements thereon.

*J. Carl Hudgins*  
 J. Carl Hudgins PLS #96

N 32° 00' E - 452'



SECTION 2  
STATION 400

LOT 27  
6.4 ACRES

(440)

1 Mill. 1st Floor  
well with water

LOT 28  
3.8 ACRES

NON-BUILDABLE UNTIL APPROVED  
BY HAWAII COUNTY HEALTH DEPT

731810  
10/19/10

(450)

(460)

LOT 29  
3.8 ACRES

A26250

50 FT  
ROAD

LESOOD'S  
ROAD

from signed  
Preliminary

- ① Mill. 1st Floor
- ③ well with water

⑤

②

④

⑤

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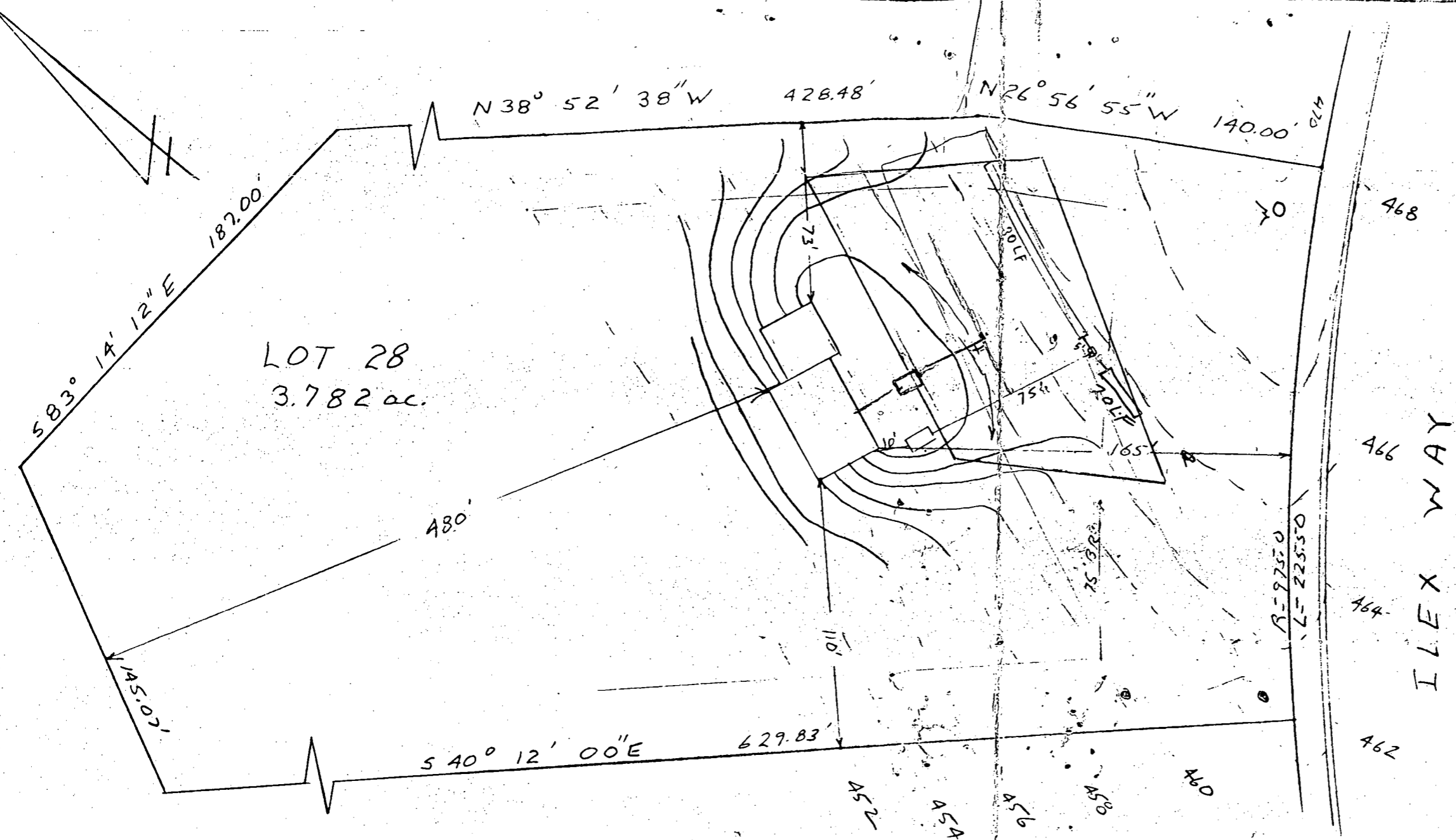
277

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281



HOUSE:

FIRST FLOOR	567.0
BASEMENT	558.0
INVERT	563.73

SEPTIC TANK:

EXISTING GRADE	559.0
PROPOSED GRADE	566.2
INVERT IN	563.53
INVERT OUT	563.28

DISTRIBUTION BOX:

EXISTING GRADE	565.5
PROPOSED GRADE	565.5
INVERT	562.50

TRENCH:

LENGTH	WIDTH	STONE	INVERT	BOTTOM
100'	3	5	562.3	557.3

5/3/83  
 Sketched OK  
 J. Shinn

I certify the above measurements and elevations are true and actual for this property.

*J. Carl Hudgins*  
 J. Carl Hudgins

PLOT PLAN  
 LOT 28  
 KALMIA FARMS  
 5th ELECTION DISTRICT  
 HOWARD COUNTY MARYLAND  
 SCALE 1"=50' DATE 4/24/83

MINIMUM F.F. ELEV. = 455.0  
NO BASEMENT PLUMBING ON  
THIS LOT

LOT 27  
5.633 AC.

MINIMUM F.F. ELEV. =  
467.0. NO BASEMENT  
PLUMBING ON THIS  
LOT.  
LOT 28  
3.782 AC.

LOT 31  
4.607 AC.

LOT 29  
3.035 AC.

BUILDING RESTRICTION LINE

BUILDING RESTRICTION LINE

BUILDING RESTRICTION LINE

BUILDING RESTRICTION LINE

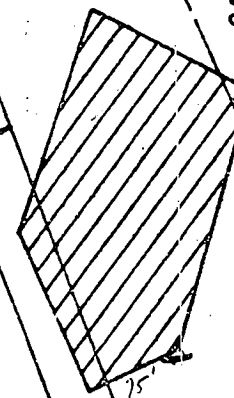
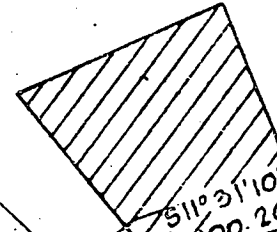
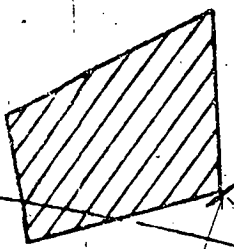
MATCH LINE - SEE SHEET G OF G

MATCH LINE - SEE SHEET 4 OF 6

MATCH LINE - SEE SHEET 4 OF 6

FROM SIGNED FINAL

PLAT 4173



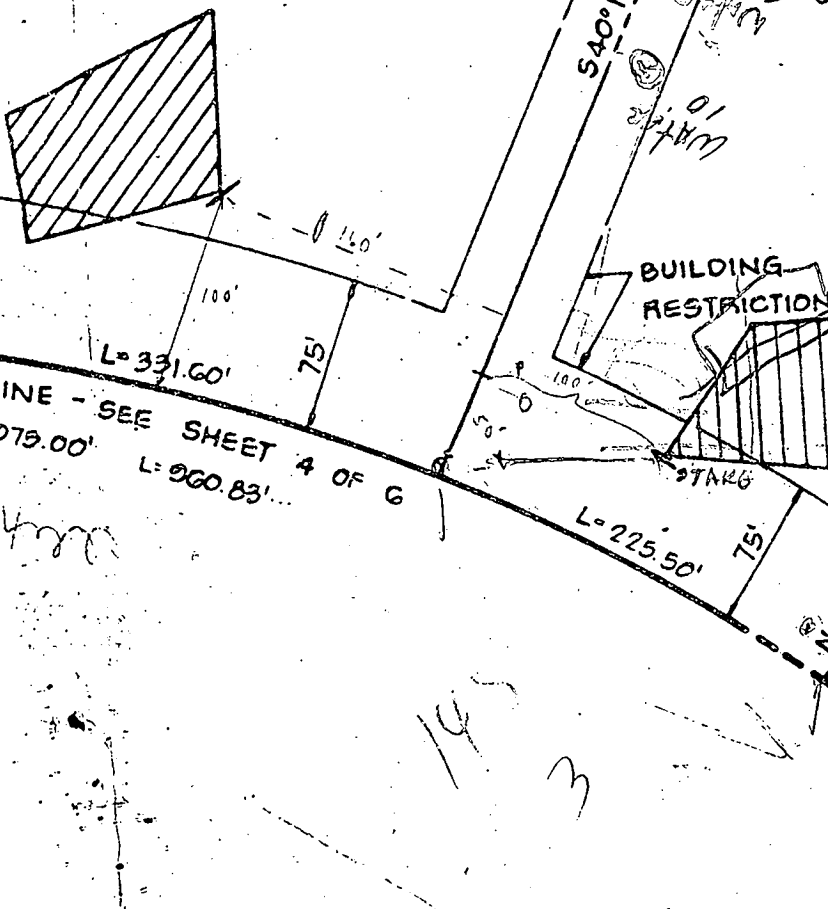
L=331.60'  
L=279.00'  
L=260.83'

L=225.50'  
L=140.00'  
L=193.36'

L=105.00'  
L=155.00'  
L=239.02'  
L=394.02'

145  
3

Handwritten scribbles and notes in the bottom left corner.



MINIMUM FF ELEV. = 455.0  
NO BASEMENT PLUMBING ON  
THIS LOT

LOT 27  
5.633 AC.

MINIMUM FF ELEV. =  
467.0. NO BASEMENT  
PLUMBING ON THIS  
LOT.

LOT 28  
3.782 AC.

LOT 31  
4.207 AC.

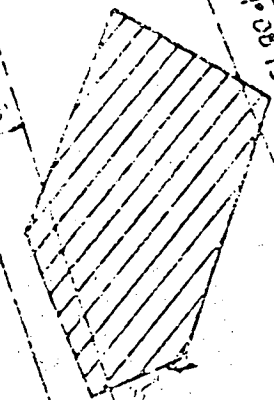
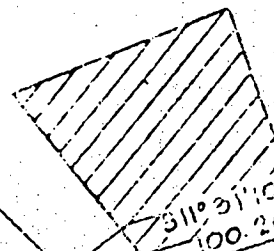
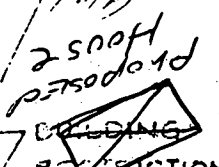
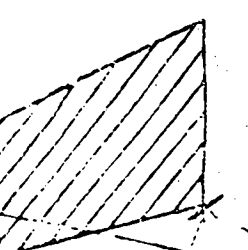
LOT 20  
3.035 AC.

*4/19/83  
well site  
OK F.S.*

BUILDING RESTRICTION LINE

BUILDING RESTRICTION LINE

BUILDING RESTRICTION LINE



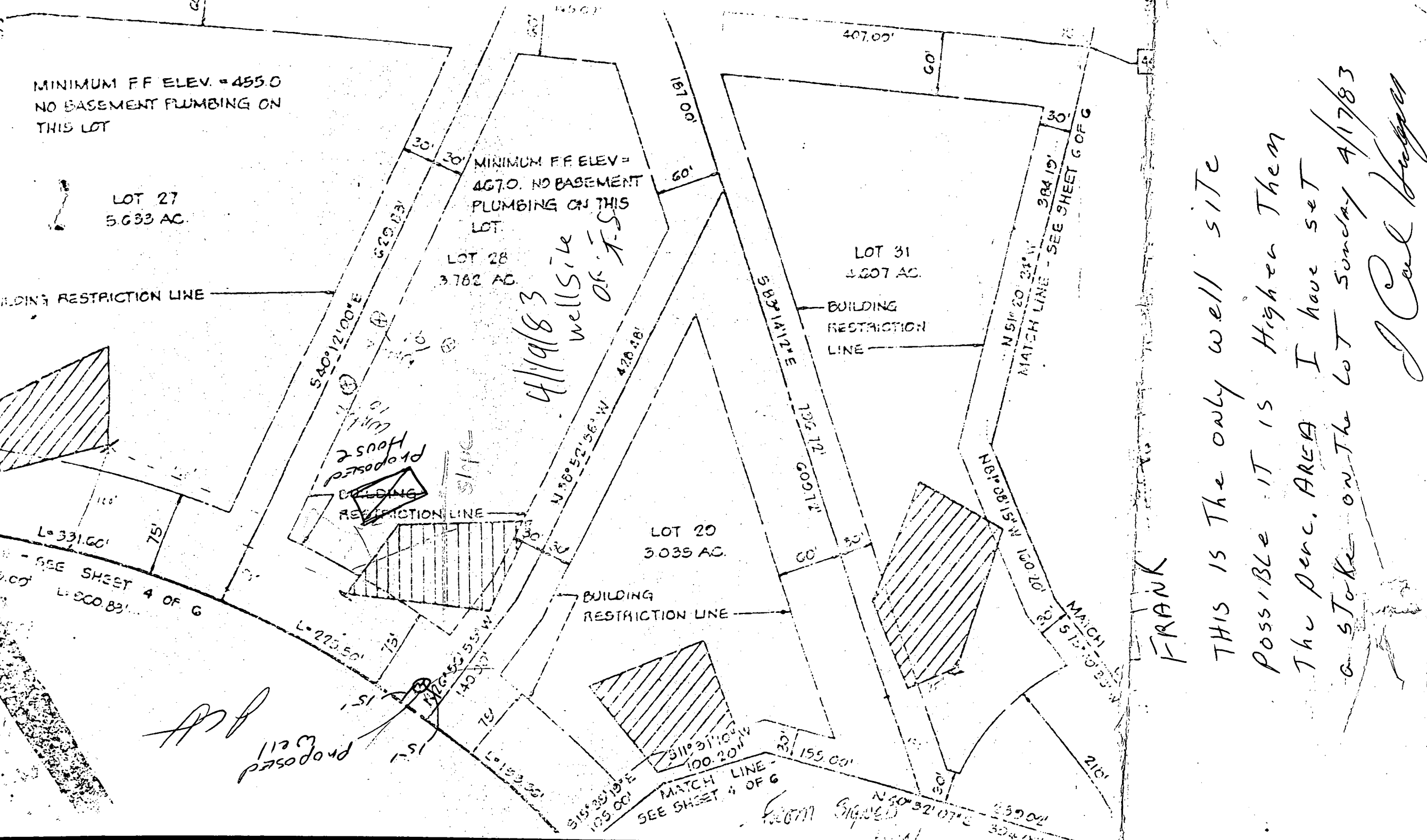
SEE SHEET 4 OF 6  
L=331.00'  
L=500.83'

*APD  
Proposed well*

*Proposed House*

FRANK

*THIS IS THE ONLY WELL SITE  
POSSIBLE IT IS HIGHER THEM  
THE PERC. AREA I HAVE SET  
A STAKE ON THE LOT Sunday 4/17/83  
J Carl [Signature]*



B 1 **0010** SEQUENCE NO. (OEP USE ONLY)  
 THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

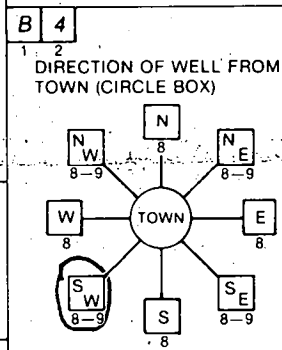
STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

OEP PERMIT NUMBER  
**HO-81-0064**  
 fill in this form completely

Date Received **07/83**  
 OWNER INFORMATION  
 Last Name **IMIRBULT** Owner **GARY** First Name  
 Street or RFD **1820 BLUEJAY CT**  
 Town **SEVERE** State **MD** Zip **21144**

LOCATION OF WELL  
 COUNTY **HPWARD**  
 SUBDIVISION **KALMIA**  
 SECTION **1** LOT **28**  
 NEAREST TOWN **Dayton**  
 MILES FROM TOWN (enter 0 if in town) **3 MI**

DRILLER INFORMATION  
 Driller's Name **Ralph MAYNE** License No. **273**  
 Firm Name **Ralph MAYNE (well Drilling)**  
 Address **P.O. Box 5120 Mt. Airy**  
 Signature **Ralph Mayne** Date **9/4/83**



**ILEX ROAD**  
 NEAR WHAT ROAD  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
  
 DISTANCE FROM ROAD **30** FT or MI  
 ENTER FT or MI **57**

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

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)

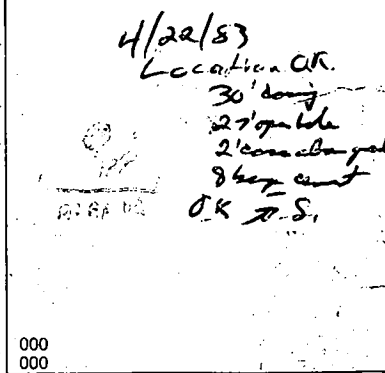
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**HOWARD**  
 COUNTY NAME COUNTY NO.  
 OEP SIGNATURE STATE HEALTH INSERT S  
 DATE ISSUED **07/1983** CO SIGNATURE EXP DATE  
 NORTH GRID **506000** EAST GRID **000**

APPROXIMATE DEPTH OF WELL **150** FEET

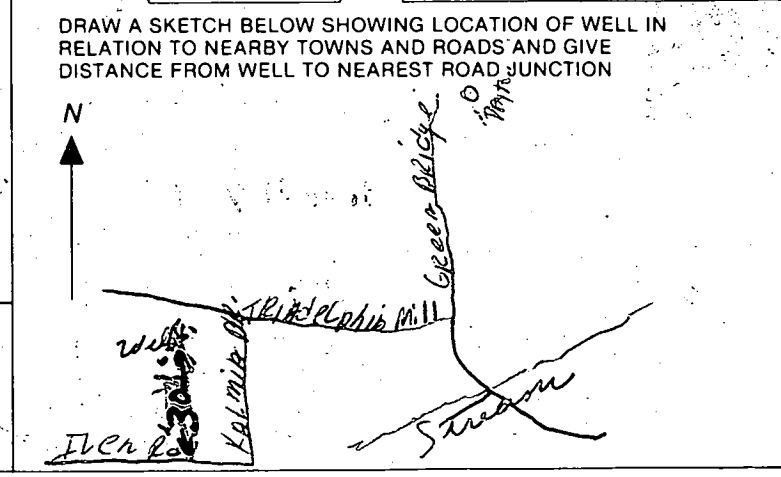
APPROXIMATE DIAMETER OF WELL **6** INCH

METHOD OF DRILLING (circle one)  
 BORED (or Augered)  JETTED  Jetted & DRIVEN  
 AIR-ROTARY  AIR-PERCussion  ROTARY (Hydraulic Rotary)  
 CABLE  Reverse-ROTary  Drive-POINT  
 other \_\_\_\_\_

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  
 N **500**  
 E **7905**



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)  
 APPROP. PERMIT NUMBER **GAP**  
 FORCE **FS** WRITE INITIALS IN BOX PERMIT No. **HO-81-0064**

SPECIAL CONDITIONS

Date Received (OEP use only) **03 22 83** DATE WELL COMPLETED **03 22 83** Depth of Well **200** (TO NEAREST FOOT) **PERMIT NO. 880M "PERMIT TO DRILL WELL" 40-81-0064**

OWNER **Amirault** last name **Gour** first name  
 STREET OR RFD **Ilex Way** TOWN **Dayton**  
 SUBDIVISION **Kalina Farms** SECTION **1** LOT **28**

**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	2	
Sandy	2	20	
Sand/Stone	20	25	✓
Mick	25	40	
Sand/Stone	40	50	✓
Mick	50	200	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** YES **N** NO  
 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 **30** ft. (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
**ST** STEEL **CO** CONCRETE  
**PL** PLASTIC **OT** OTHER  
 MAIN CASING TYPE **PL** Nominal diameter top(main) casing (nearest inch) **6** Total depth of main casing (nearest foot) **32**

**OTHER CASING** (if used) diameter mch depth (feet) from to

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

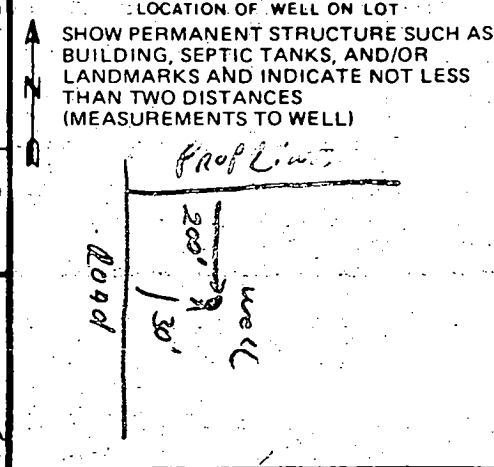
**C2** (Seq no)  
 DEPTH (nearest ft.) **30** **200**  
 SLOT SIZE **7** **3**  
 DIAMETER OF SCREEN (NEAREST INCH) from to

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 O  
**70** **72** **74 75 76**  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

**C3** (Seq no)  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **3**  
 PUMPING RATE (gal. per min. to nearest gal.) **6**  
 METHOD USED TO MEASURE PUMPING RATE **Buckets**  
 WATER LEVEL (distance from land surface) BEFORE PUMPING **17** WHEN PUMPING **200**  
 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 **Y** NO **N**  
 DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)  
 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 **2** (nearest foot)



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. **223**  
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) **Karl E. Wapner**  
 SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)



