

10/8/81

PERMIT

approved 10/8/81
staye
P 31648
A 31509

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

05-386640

ELLICOTT CITY

DISTRICT 5th

INDEX

DATE 10/5/81

VanSant Plumbing

IS PERMITTED TO INSTALL ALTER

ADDRESS 5 North Main Street, Mt. Airy, Md

PHONE 795-6566

SUBDIVISION Kalmia Farms

ROAD 5244 Kalmia Drive

LOT 16

PROPERTY OWNER Mr. & Mrs. George P. Mech

ADDRESS 2603 Plyers Mill Road, Silver Spring, Md. 20902

SPECIFICATIONS 3 Bedroom

SEPTIC TANK CAPACITY 1000 GALLONS

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

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

SEEPAGE PITS ABSORBENT SIDE-WALL AREA 145 SQ. FT. per bedroom to begin below the first (trench & dry well)

INLET PIPE 22 1/2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 9 1/2 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 125 FT. FROM left LOT LINE AND 160 FT. FROM rear LOT LINE AS SEEN WHEN

FACING LOT FROM Kalmia Court.

Dry Well
&
Trench

Start the trench if needed after a 5 foot earth buffer with the dry well and proceed to dig trench before and after gravel is installed in trench.

PLANS APPROVED BY Frank Skinner

DATE 10/5/81

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 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.

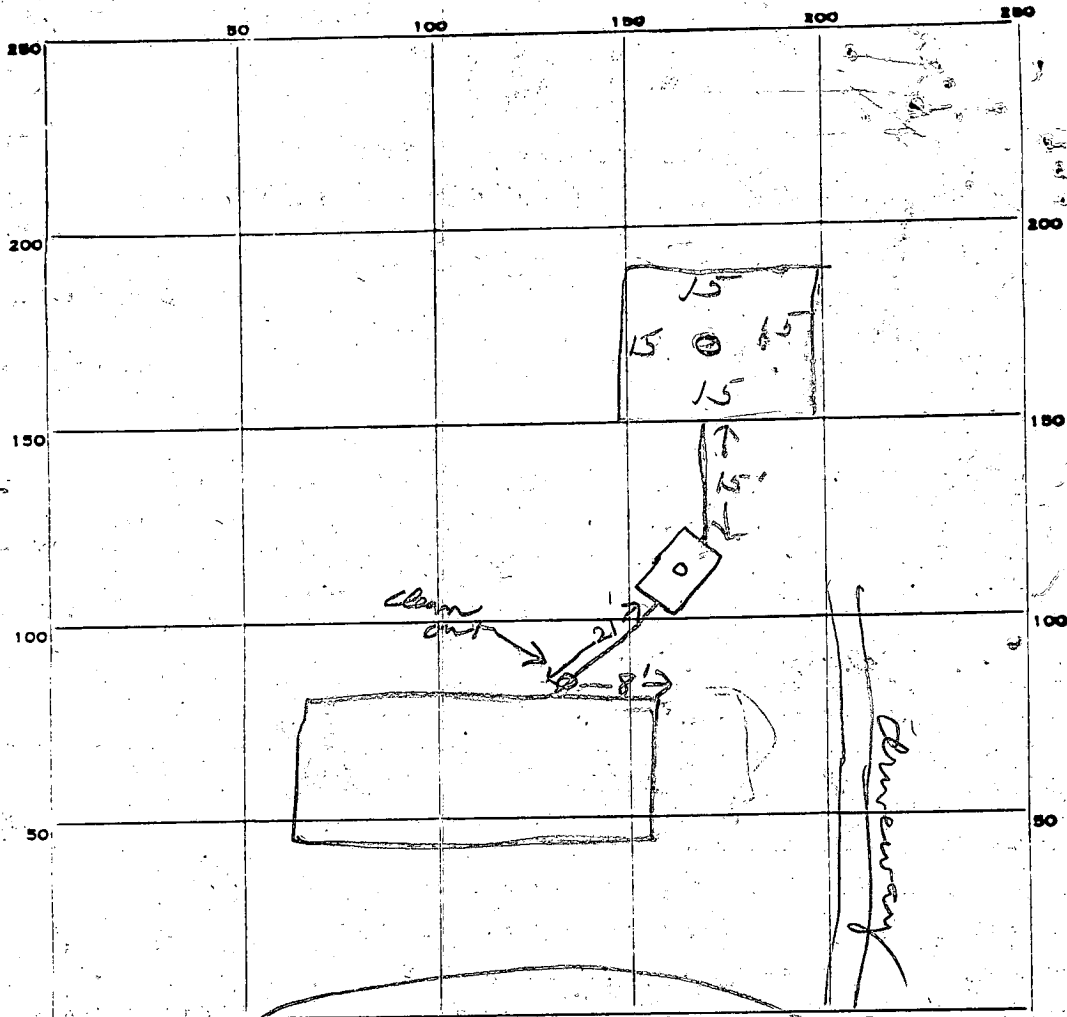
PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 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 8/29/85
Serial # 20862
Prot.

A 31509



145
3
 435

PERMIT CARD ✓

SEPTIC TANK, LEVEL ✓ CLEANOUTS ST/DW

DISTRIBUTION BOX, LEVEL ✓

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER 60 FT. DEPTH BELOW INLET 7 1/2 FT.

ABSORBENT AREA 450 SQ. FT.

7.5
60
 4500

REMARKS 10/8/81 OK to cover all work. JS

DATE SYSTEM APPROVED 10/8/81 INSPECTOR Stayer

APPLICATION

SEWAGE DISPOSAL TESTING

A 31509

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

3 B.R. 1000 gallon septic tank

4 B.R. 1250 gallon septic tank

DISTRICT 5th.

P. O. BOX 473 - ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

Drywell and trench system
DATE 7/23/81

to have 145 SQ. FT. effective sidewall absorption area per bedroom to begin below the first 1/2 ft. of non-porous soil. Maximum depth permitted for trench or drywell is 9 1/2 feet below original grade. Place the drywell 125 feet from the left side line and 160 feet from the rear lot line as seen when facing the lot from Kalmia Court. Start the trench if headed after a 10' buffer with the drywell and proceed to dig trench on level ground the necessary distance. Call for inspection of trench before and after gravel is installed in trench.

BLDG. PERMIT SIGNED
AND RETURNED 8/1/81

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 George P. and Ann B. Mech

ADDRESS 2603 Plyers Mill Road, Silver Spring, Md. 20902 PHONE 933-3873

PROPERTY LOCATION:

SUBDIVISION Kalmia Farms LOT NO. 16

ROAD AND DESCRIPTION Kalmia Drive

SIZE OF LOT 6 acres m/1 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. Ann B. Mech

TENTATIVE

APPROVED BY C. B. Strecker FOR F. Shinn Drywell and trench DATE 7/15/81

REJECTED BY _____ FOR Dry Well for DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 7/30/81 FOR REVISED HOUSE PLANS - SHOWN.

NEW SEWAGE ROSEMENT AREA, AND LOCATION OF WPT. WELL AND HOUSE TO SAME.
C.B.S.

THIS IS NOT A PERMIT

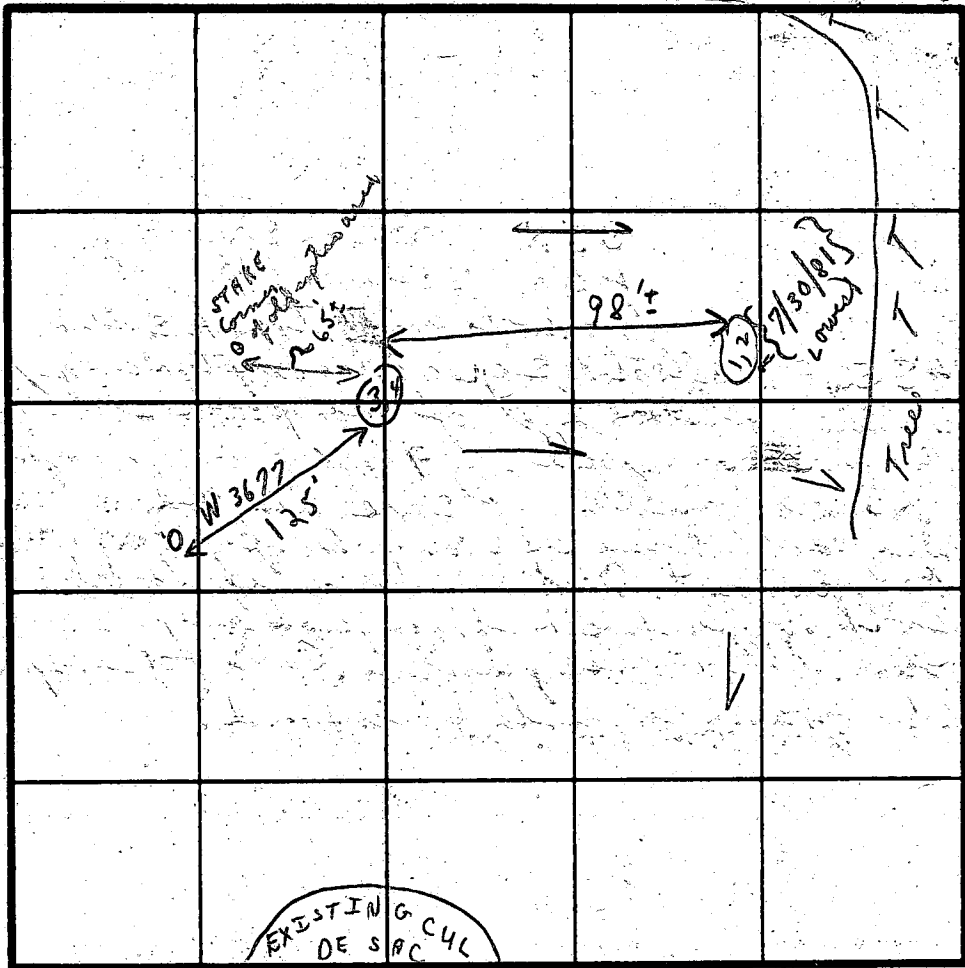
RETEST #16

SOIL PROFILE

SEE EACH HOLE BELOW



FIELD SHEET



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
				START	STOP	START	STOP	
1'-2" CLAY	7/30/81	1	2'	10:12	10:15	10:15	10:23	8 min
2'-13 1/2" SANDY LOAM & SOME SANDSTONE		2	13 1/2'	SIMILAR TO SHELF IN SOIL		TYPE		
1'-2" CLAY } 2'-13 1/2" SANDY LOAM & SOME SANDSTONE		3	2'	10:48	10:50	10:50	10:56	6 min
		New Neg 4	13 1/2'	SIMILAR TO SHELF IN SOIL		TYPE		

Use for system

COPY GIVEN MR. TOFT

REMARKS

HOLD FOR (1) CERTIFIED HOLES AND NEW SEWAGE EASEMENT AREA, SHOWING LOCAT

TYPE OF SOIL

TESTED BY

C. B. A

ALSO PRESENT

MRS. MECH
BOB TOFT
MILLNER CONS.
& ASST.

EH-12-1079

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A _____

P _____

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

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 SEC. I. LOT NO. 16

ROAD AND DESCRIPTION TRIADELPHIA MILL ROAD

SIZE OF LOT _____ TYPE BLDG. _____

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 _____

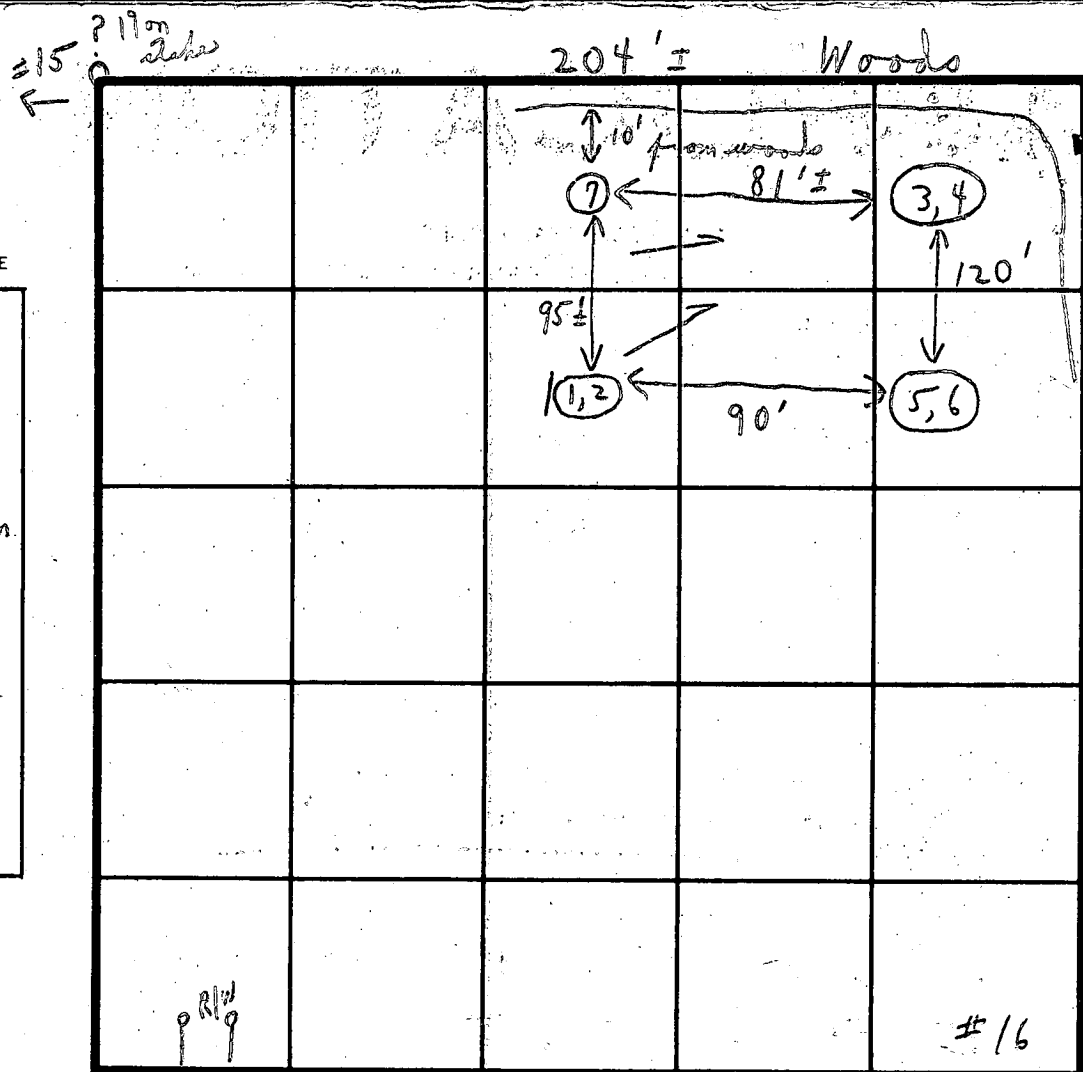
APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10/24/78 Res accomplished this date.
C.B.S

THIS IS NOT A PERMIT



SOIL PROFILE

Below
clay
sandy
loam.

↓

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9/28/77	1	2 1/2'	2:50	2:52	2:52	2:55	3 min	
	2	12'	2:50	3:00	3:00	3:19	19 min	
	3	3'	2:43	2:45	2:45	2:49	4 min	
	4	13'	2:44	2:56	2:56	3:14	18 min	
	5	2 1/2'	2:47	2:49	2:49	2:52	3 min	
	6	11 1/2' ⁽¹³⁾	2:47	2:57	2:57	3:08	11 min	
	7	11'-11 1/2'	Visual - loam below clay					
						6	58	

total 2 1/2
11 min
avg.

10 min
avg.

REMARKS In open area Note ? on #19 at stake between #15 + #6 lot line

TYPE OF SOIL _____

TESTED BY C. B. V. ALSO PRESENT 3 Fyock men

APPLICATION

A 26948

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE ^{1000 gallons}

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 5th
DATE 9/27/77

Septic tank

*{ 1-3 Bedrooms
4 Bedrooms }*

1250 gallons

Dry well to have 145 sqft. effective absorbant sidewall area per bedroom. Depth to be 2 1/2' below original grade and maximum depth 11 1/2' ^{dry well} location per engineer's plat: 90' from left property line and 150' from rear property line when facing lot from cut de sac at end of Kalmia Dr.

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND 7/30/81 HOLD

FOR REVISED PLANS DUE TO RETEST & NEW LOCATION THIS DATE

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

George P. & Ann B. Meck

PROPERTY OWNER Kimburthill, Inc. t/a Kalmia Farms Nursery

ADDRESS 2901 Olney Sandy Spring Road, Olney, Maryland PHONE 953-3873
2603 Pleyers Mill Road, Silver Spring, Md. 20902

PROPERTY LOCATION: 2603 Pleyers Mill Road, Silver Spring, Md. 20902

SUBDIVISION Kalmia Farms SEC. I. LOT NO. 16

ROAD AND DESCRIPTION Triadelphia Mill Road, Howard County, Maryland

SIZE OF LOT _____ TYPE BLDG. _____

IF NOT SINGLE RESIDENCE DESCRIBE _____

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

SIGNATURE OF APPLICANT *[Signature]*

APPROVED BY C. B. [Signature] FOR Dry Well DATE 2/13/79
(KIND OF SYSTEM)

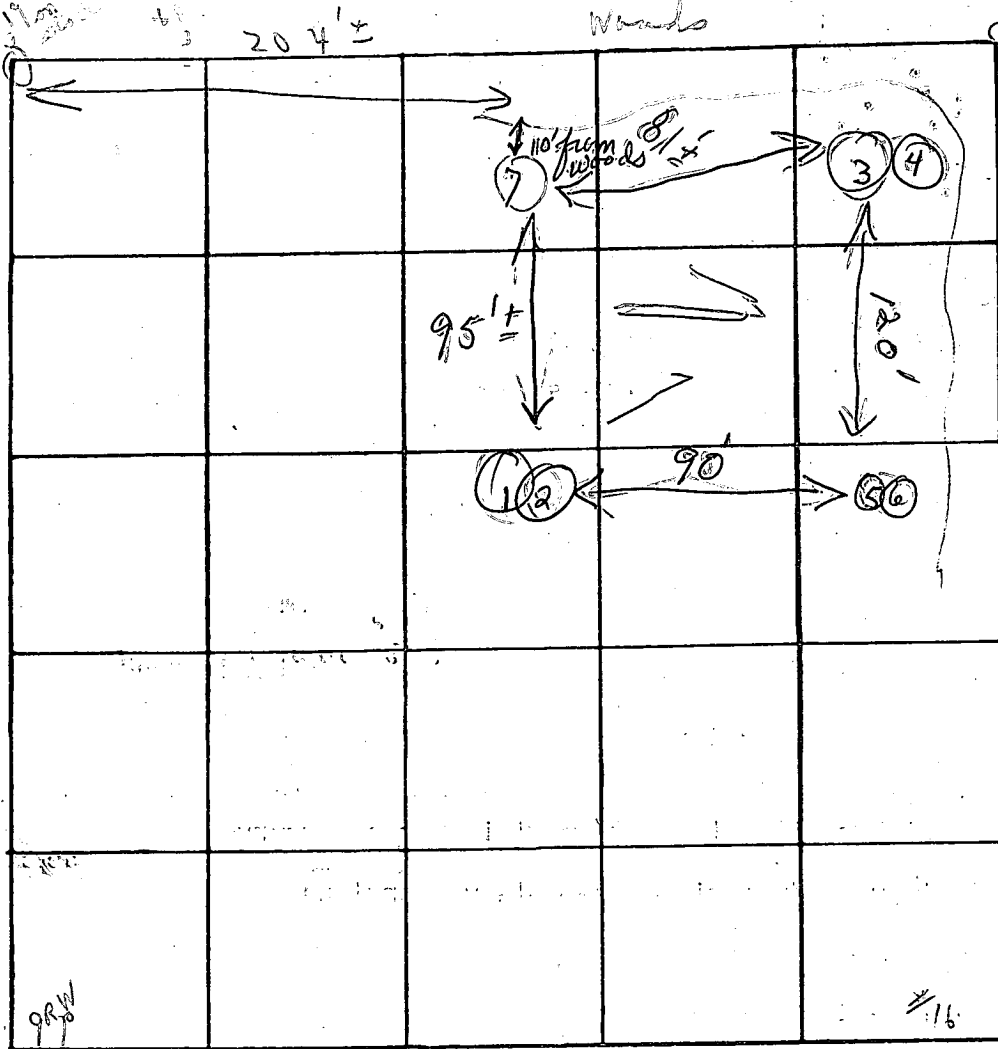
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

R/W



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/28/77	1	2 1/2'	2:50	2:52	2:52	2:55	3m
	2	12'	2:50	3:00	3:00	3:19	19m
	3	3'	2:43	2:45	2:45	2:49	4m
	4	13'	2:44	2:56	2:56	3:14	18m
	5	2 1/2'	2:47	2:49	2:49	2:52	3m
	6	11 1/2' p ²	2:47	2:57	2:57	3:08	11m
	7	11-11 1/2' V	-		loam, below		58

Soil Profile
Soil from Below etc.

cloudy
2 1/2'
11m

10m avg

REMARKS don't open area Note? on #19 sketches between possible 15 & 16 collins

TYPE OF SOIL _____

TESTED BY C.B.D. ALSO PRESENT: 3 Fy rocks over

Field sheet

B 1	5326	SEQUENCE NO. (WRA USE ONLY)	STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL	WRA PERMIT NUMBER 40-73-3677 FILL IN THIS FORM COMPLETELY
-----	------	-----------------------------	---	--

DATE RECEIVED (WRA USE ONLY) 9/3/80	OWNER <u>March Anna B. and George P.</u> COL 18 LAST NAME FIRST NAME COL. 34 MEET OR RFD <u>2693 Plymou Mill Rd -</u> COL 36 COL. 55 POST OFFICE <u>Salmon Springs Md - 30902</u> COL 57 COL. 76
---	---

B 1	CONTINUED	DRILLER INFORMATION
1 2 3 (SEQ. NO.) 6		
DATE <u>Aug. 25 1980</u>	LICENSE NUMBER <u>238</u>	
<u>Joseph L. Moore</u>	DRILLER FIRST NAME LAST NAME	
SIGNATURE <u>Joseph L. Moore</u>		

B 3	LOCATION OF WELL
1 2 3 (SEQ. NO.) 6	
COUNTY <u>Howard</u>	DO NOT ABBREVIATE COUNTY NAME
SUBDIVISION <u>Kelleyville</u>	
SECTION <u>1</u>	LOT <u>16</u>
NEAREST TOWN <u>Duxton</u>	
MILES FROM TOWN (ENTER 0 IF IN TOWN) <u>3 1/2</u>	

B 2	WELL INFORMATION
1 2 3 (SEQ. NO.) 6	
MAXIMUM PUMPING RATE (GALLONS PER MINUTE) <u>5</u>	
AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) <u>750</u>	
USE FOR WATER (CIRCLE APPROPRIATE BOX):	
<input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)	
<input type="checkbox"/> FARMING, AGRICULTURE, IRRIGATION	
<input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.	
<input type="checkbox"/> MUNICIPAL WATER SUPPLY	} MUST HAVE STATE HEALTH DEPT. APPROVAL
<input type="checkbox"/> PRIVATE WATER COMPANY	
<input type="checkbox"/> TEST	

B 4	DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)			
1 2 3 (SEQ. NO.) 6				
<input type="checkbox"/> NORTH	<input type="checkbox"/> EAST	<input type="checkbox"/> N E NORTHEAST	<input type="checkbox"/> S E SOUTHEAST	
<input checked="" type="checkbox"/> SOUTH	<input type="checkbox"/> WEST	<input type="checkbox"/> N W NORTHWEST	<input type="checkbox"/> S W SOUTHWEST	
NEAR WHAT ROAD <u>Salmon Springs</u>				
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)	<input type="checkbox"/> NORTH	<input checked="" type="checkbox"/> SOUTH	<input type="checkbox"/> EAST	<input type="checkbox"/> WEST
DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) <u>1 1/2</u>				

APPROXIMATE DEPTH OF WELL 160 FEET

APPROXIMATE DIAMETER OF WELL 6 (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)

BORED (OR AUGERED) JETTED DRIVEN

AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)

CABLE REVERSE-ROTARY DRIVE-POINT

OTHER (DESCRIBE) _____

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 (WRA USE ONLY)

APPROPRIATION PERMIT NUMBER 54 ENGINEER REVIEW DISTRICT NO. 63

FORCE 67 WRITE INITIALS IN BOX 68 CONDITIONS 70 71 72 73 74 75 76 77 78 79

HEALTH DEPARTMENT APPROVAL

STATE HEALTH COUNTY NAME Howard COUNTY NO. 270000

DATE 002580 APPROVED BY Sped Brownlie, Commissioner

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

Duxton

N ↑

Triadelphia Mill Rd

O'Fallon Cr

well

57' casing
2' above gr
16' open
50' jet
11' large cement

9/3/80

BOX NUMBER	E <u>7906</u>	N <u>5006</u>	O/S	S/S
			O/O	S/O

SPECIAL CONDITIONS 8-83 (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) COUNTY NUMBER A 26948

Date Received Sept 2, 80 PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-73-3677

(WRA use only) DATE WELL COMPLETED _____ Depth of Well 165 (TO NEAREST FOOT)

OWNER MECH last name George P. first name

STREET OR RFD 2603 Pleasant Mills Rd TOWN Silver Spring, 20902

SUBDIVISION KALMA Farms SECTION _____ LOT 165

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	
<u>Brown Shale</u>	<u>0</u>	<u>52</u>	
<u>Mica Rock</u>	<u>52</u>	<u>165</u>	

GROUTING RECORD

WELL HAS BEEN GROUTED YES NO

TYPE OF GROUTING MATERIAL
CEMENT BENTONITE CLAY

NO. OF BAGS 11 NO. OF POUNDS 1034

GALLONS OF WATER 66

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 50 ft.

CASING RECORD

insert appropriate code below

<input checked="" type="checkbox"/> ST	<input type="checkbox"/> CO
STEEL	CONCRETE
<input type="checkbox"/> PL	<input type="checkbox"/> OT
PLASTIC	OTHER

MAIN CASING TYPE ST Nominal diameter top(main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 51

OTHER CASING (if used)

diameter (inch) _____ depth (feet) from _____ to _____

SCREEN RECORD

screen type or openhole insert appropriate code below

<input type="checkbox"/> ST	<input type="checkbox"/> BR	<input type="checkbox"/> HO
STEEL	BRASS BRONZE	OPEN HOLE
<input type="checkbox"/> PL	<input type="checkbox"/> OT	
PLASTIC	OTHER	

EACH SCREEN

DEPTH (nearest ft.) 40 55 165

SLOT SIZE 2 3

DIAMETER OF SCREEN (NEAREST INCH) _____

GRAVEL PACK _____

IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

WRA 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

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 12

METHOD USED TO MEASURE PUMPING RATE Air

WATER LEVEL (distance from land surface) BEFORE PUMPING 60 WHEN PUMPING 5

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)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

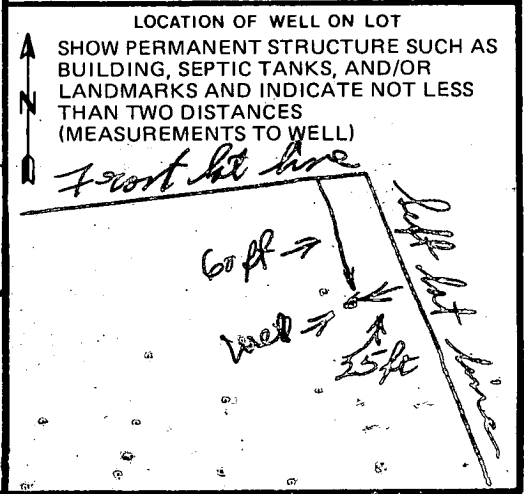
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)) _____

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 LAND SURFACE _____ below 2 (nearest foot)



CIRCLE APPROPRIATE BOX

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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS IDENT. NO. 238

DRILLERS SIGNATURE George P. Mech

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

M. S. MILLINER CONSTRUCTION, INC.

302-A E. Patrick Street
Frederick, Maryland, 21701
(301) 694-8575

August 3, 1981

Howard County Health Department
Environmental Health Services
P. O. Box 473
Ellicott City, MD 21043

Gentlemen:

The following represent the existing relative elevations on Lot 16, Kalmia Farms:

top of well cap: 8"

high corner of septic field: 75"

point of exit for house sewer line: 54 1/4"

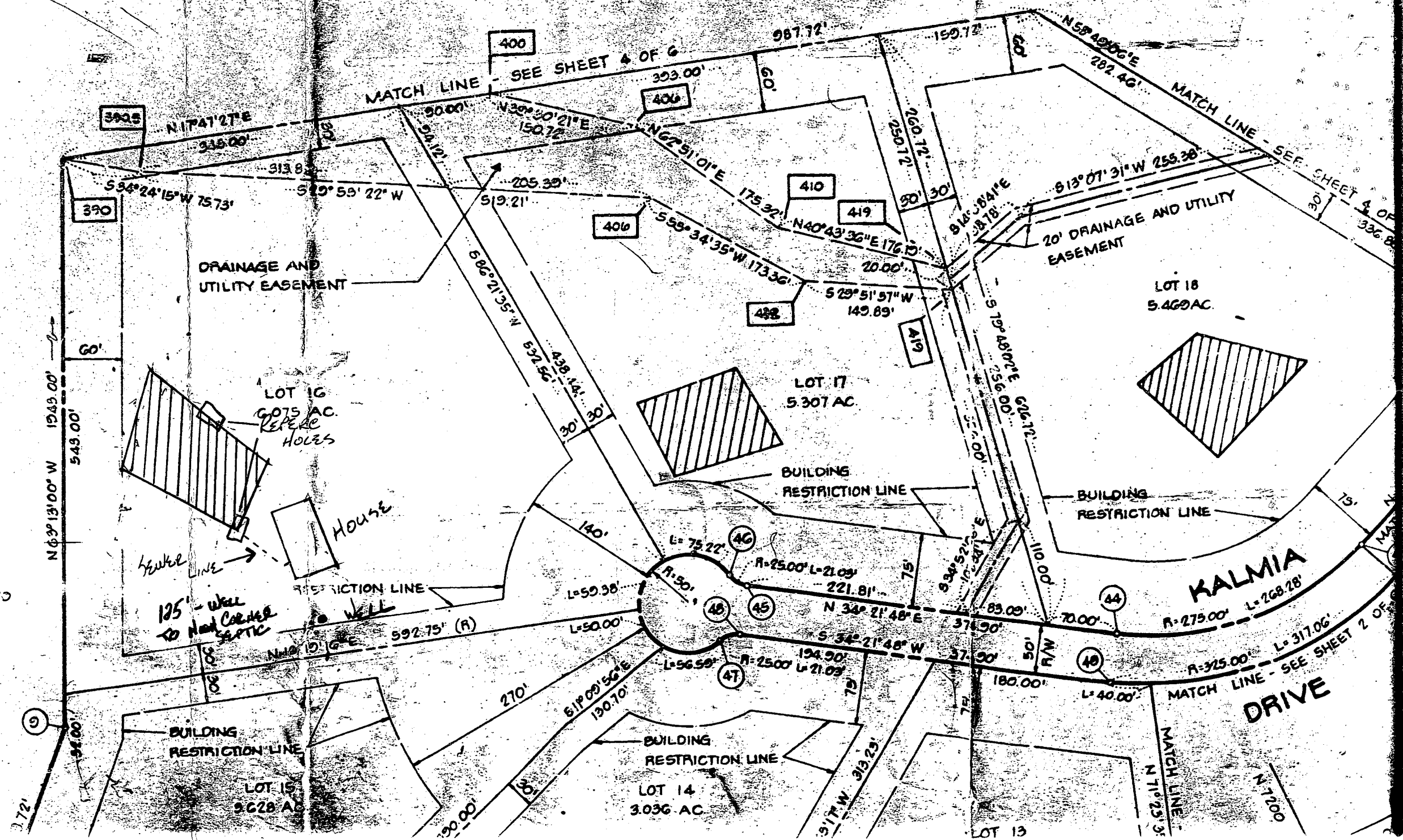
plat scale: 1" = 100'

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

Signed: Robert Toft
Robert Toft
Agent - M. S. Milliner Construction, Inc.

{ P.M. 8/5/81 Hold for additional information as required. }
8/6/81 T/C to Mr. Toft. @ 301-694-8575 - he is C.B.D.
Hold for { to submit revised drawings - showing all elevations & measurements to either Mr. Skermer 4/17 Mr. Strecker C.B.D.
8/7/81 T.C. = Bob Toft re. changes to site plan, to be mailed G.S.

was a
7/11/11, 11/15/11, 10/1/12



390S

390

400

406

410

419

406

406

406

419

LOT 16
6.075 AC.
REPEATED
HOLDS

LOT 17
5.307 AC

LOT 18
5.469 AC

House

125' Well
to NEAR CENTER
SEPTIC

WELL

BUILDING
RESTRICTION LINE

LOT 15
5.628 AC

BUILDING
RESTRICTION LINE

LOT 14
3.036 AC

BUILDING
RESTRICTION LINE

BUILDING
RESTRICTION LINE

KALMIA
DRIVE

DRIVE

MATCH LINE

SEE SHEET 4 OF 6

MATCH LINE

SEE SHEET 4 OF 6

MATCH LINE

SEE SHEET 2 OF 6

DRAINAGE AND
UTILITY EASEMENT

20' DRAINAGE AND UTILITY
EASEMENT

N 63° 13' 00" W 1949.00'

543.00'

60'

34.00'

2.72'

N 17° 47' 27" E

335.00'

S 34° 24' 15" W 75.73'

S 70° 59' 22" W

313.82'

586° 21' 35" W

572.56'

592.75' (R)

N 40° 10' 16" E

592.75'

N 34° 21' 48" E

374.90'

S 34° 21' 48" W

374.90'

N 71° 25' 31" E

110.00'

N 71° 25' 31" E

110.00'

N 71° 25' 31" E

110.00'

N 71° 25' 31" E

110.00'

N 71° 25' 31" E

110.00'

N 71° 25' 31" E

110.00'

N 33° 30' 21" E

150.72'

N 62° 51' 01" E

175.32'

S 59° 34' 35" W

173.36'

S 29° 51' 57" W

149.89'

N 40° 43' 36" E

176.13'

S 17° 48' 01" E

256.00'

S 17° 48' 01" E

256.00'

S 17° 48' 01" E

256.00'

S 17° 48' 01" E

256.00'

S 17° 48' 01" E

256.00'

S 17° 48' 01" E

256.00'

S 17° 48' 01" E

256.00'

S 17° 48' 01" E

256.00'

S 17° 48' 01" E

256.00'

N 33° 30' 21" E

150.72'

N 62° 51' 01" E

175.32'

S 59° 34' 35" W

173.36'

S 29° 51' 57" W

149.89'

N 40° 43' 36" E

176.13'

S 17° 48' 01" E

256.00'

S 17° 48' 01" E

256.00'

S 17° 48' 01" E

256.00'

S 17° 48' 01" E

256.00'

S 17° 48' 01" E

256.00'

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256.00'

S 17° 48' 01" E

256.00'

S 17° 48' 01" E

256.00'

S 17° 48' 01" E

256.00'

N 33° 30' 21" E

150.72'

N 62° 51' 01" E

175.32'

S 59° 34' 35" W

173.36'

S 29° 51' 57" W

149.89'

N 40° 43' 36" E

176.13'

S 17° 48' 01" E

256.00'

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N 33° 30' 21" E

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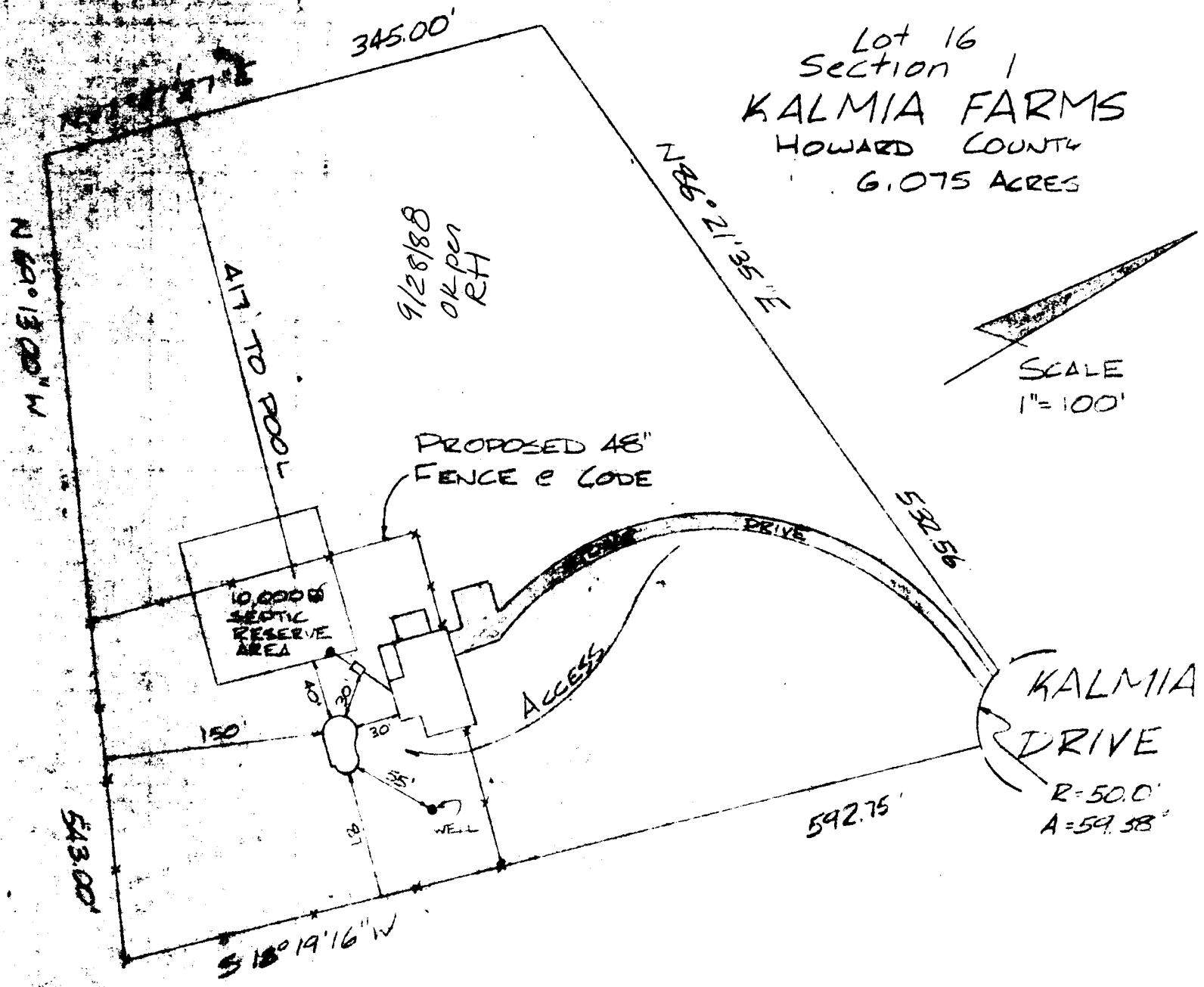
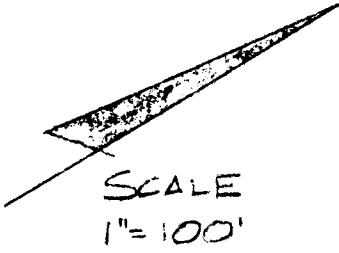
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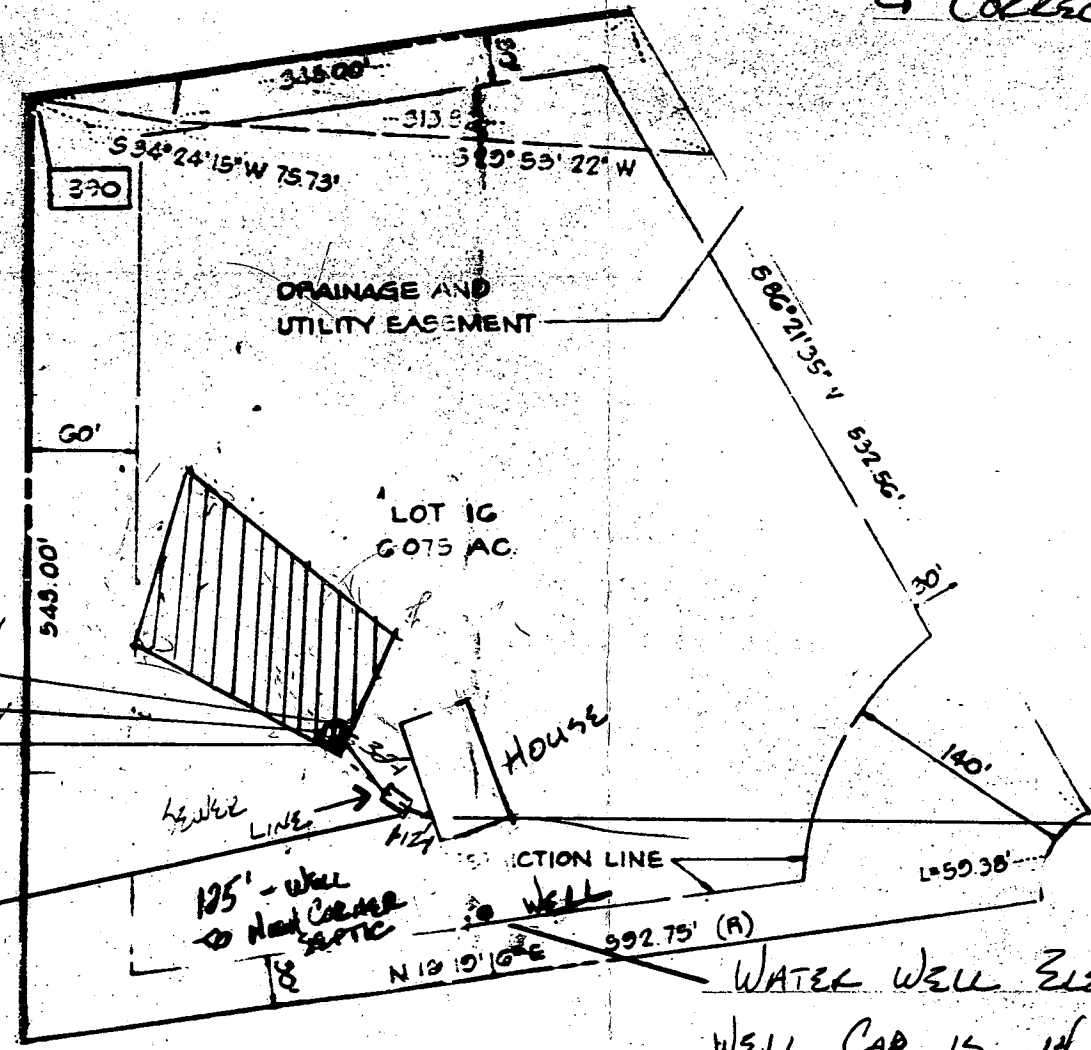
Lot 16
Section 1
KALMIA FARMS
HOWARD COUNTY
6.075 ACRES



LOT # 16
 KALMIA FARMS SUBDIVISION

I CERTIFY THE FOLLOWING MEASUREMENTS & ELEVATIONS ARE ACTUAL & CORRECT FOR THIS PROPERTY.

Robert T. J. J.
 M.S. MILLNER CONST.



ELEV. AT PERC. = $-83\frac{1}{2}$ "
 EXIST. ELEV. = $-83\frac{1}{2}$ "
 TRENCH INV. ELEV. = $-113\frac{1}{2}$ "
 (TANK INV. OUT)
 TANK INV. ELEV. = $-103\frac{1}{2}$ "

F.F. ELEV. = $-62\frac{3}{4}$ "
 NO BASEMENT FIXTURES
 BY GRAVITY

INV. ELEV. = $-100\frac{1}{2}$ "

WATER WELL ELEV. = 0" (BENCHMARK)
 WELL CAP IS 14" ABOVE GRADE

8/10/81 (INV. OUT OF TANK NOT SHOWN)

HOLD FOR F.S.
 C.B.D.

SCALE - " 1" = 100'

8/11/81
 Sketch O.K.
 F.S.