

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

992-2330

ELLICOTT CITY

DISTRICT 5th.

DATE 6/5/84

K & K Excavating, Inc.

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 14960 Frederick Road, Woodbine, Maryland

PHONE

SUBDIVISION Kalmia Farms, ROAD 14625 Triadelphia Mill LOT 2, Section 2

PROPERTY OWNER John S. Berlin

P. O. Box 280

ADDRESS Sandy Spring, Maryland 20860

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

GARBAGE GRINDER? YES NO ☒

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 158 sq. ft. per bedroom. Trench to be 2 feet wide, Inlet 3-4 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 3 feet below original grade with 5-6 feet of stone below distribution pipe. LOCATION: Start the trench 100 feet from the left side line and 480 feet from the front lot line as seen when facing the property from Betula Way. Continue to dig the trench towards the right side line on level ground. All pipe work must be covered with at least 18 inches of backfill. NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. Call for inspection of trench before and after gravel is installed. Provide 6"-8" diameter cleanout and cap to grade or above on septic tank.

THIS SYSTEM SERVES BARN WHICH IS BEING USED

AS TEMPORARY RESIDENCE; SEPARATE SYSTEM (A26349)

TO BE INSTALLED FOR MAIN RESIDENCE - ADDRESS 14712 BETULA WAY.

PLANS APPROVED BY Frank Skinner

DATE 4/26/84

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.

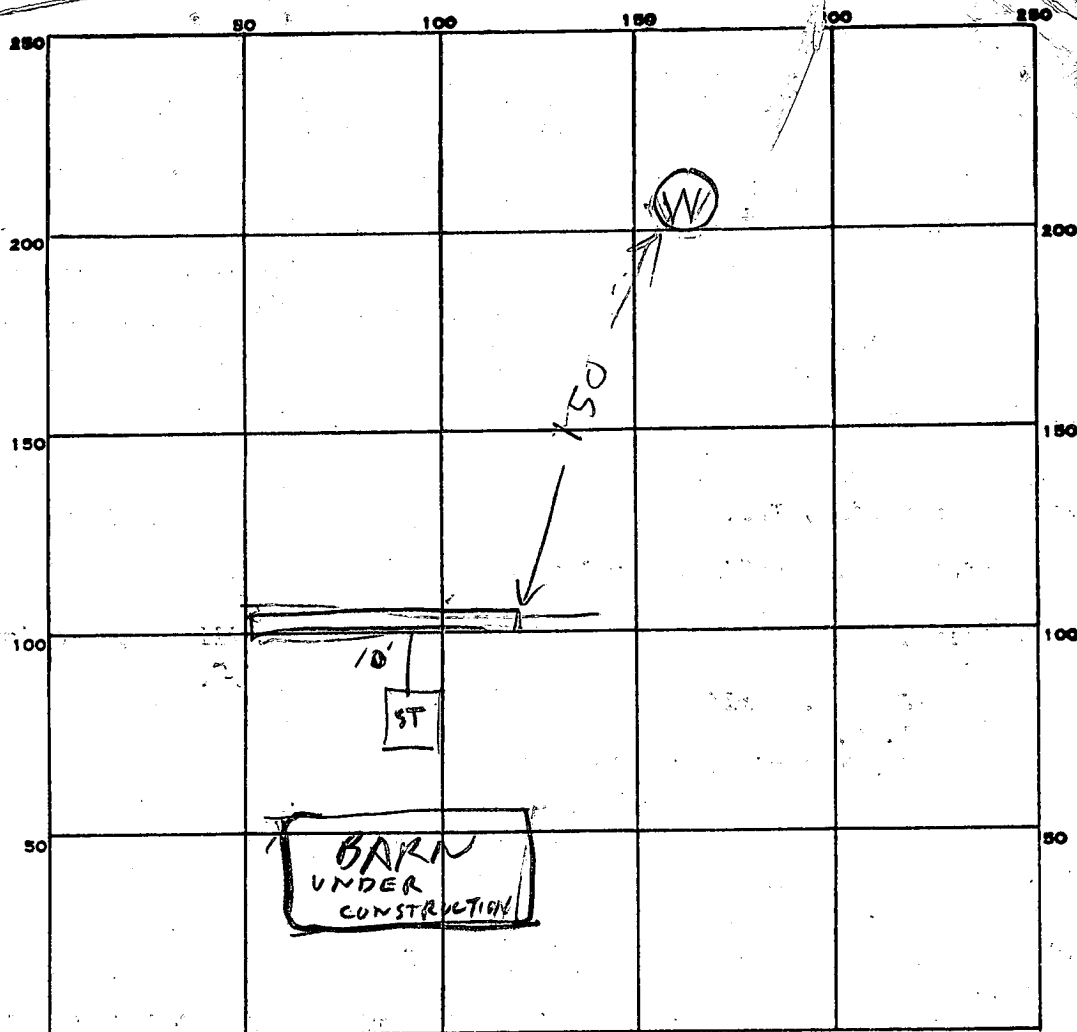
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A33602



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.
TRIDELPHIA MILL RD

PERMIT CARD _____

SEPTIC TANK, LEVEL 1000 TOP OF TANK

CLEANOUTS 6/5/84 ST NO

DISTRIBUTION BOX, LEVEL 5'

TRENCH TILE FIELD, DEPTH 9 FT. TRENCH WIDTH 20 FT.

GRAVEL DEPTH 6 IN. TOTAL LENGTH 90 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 480

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

ABSORBENT AREA 480 SQ. FT.

REMARKS 6/6/84 - TANK SET 3X 158 = 474 SQ FT REQUIRED
LOCATION OK, TRENCH DUG ADD STONE TO TRENCH & HOOK UP TANK &
TRENCH & CALL (BARN TO BE USED FOR DWELLING)
6/7/84 OK to cover work. Call for
final connection JS
2/6/86 connection OK JS

DATE SYSTEM APPROVED 2/6/86

INSPECTOR Stange

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 CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 33609

P _____

DISTRICT 5th district

DATE 24 Jan 84

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 John S. & Cathy S. Berlin

ADDRESS P.O. Box 280, Sandy Spring, Md. 20860 PHONE 301-774-4910

PROPERTY LOCATION:

SUBDIVISION Kalmia Farms- Section 2

LOT NO. 2

ROAD AND DESCRIPTION 14712 Tridelphia Mill Rd and Viburnum

BLDG. PERMIT SIGNED
AND RETURNED 10/2/84

SIZE OF LOT 6.88 acres

TYPE BLDG. House- 2 bdrm
(NUMBER OF BEDROOMS) 8367

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 OF APPLICANT)

APPROVED BY F. Sherrin

FOR branches

DATE 4/26/84

REJECTED BY _____

FOR _____

DATE _____

HOLD PENDING FURTHER TESTS C. Williams

DATE 3-12-84

REASONS FOR REJECTION OR HOLDING CANNOT RELOCATE PERC AREA DOWNHILL - WATER & CLAY SOIL.

TRYING TO EXPAND PERC AREA SIDE-TO-SIDE, MIXED RESULTS, BACKHILL BROKE.

ADDITIONAL TESTING STILL REQUIRED 3-12-84 CW.

BLDG. PERMIT SIGNED
AND RETURNED 4/26/84

Serial # 57097 SFLO

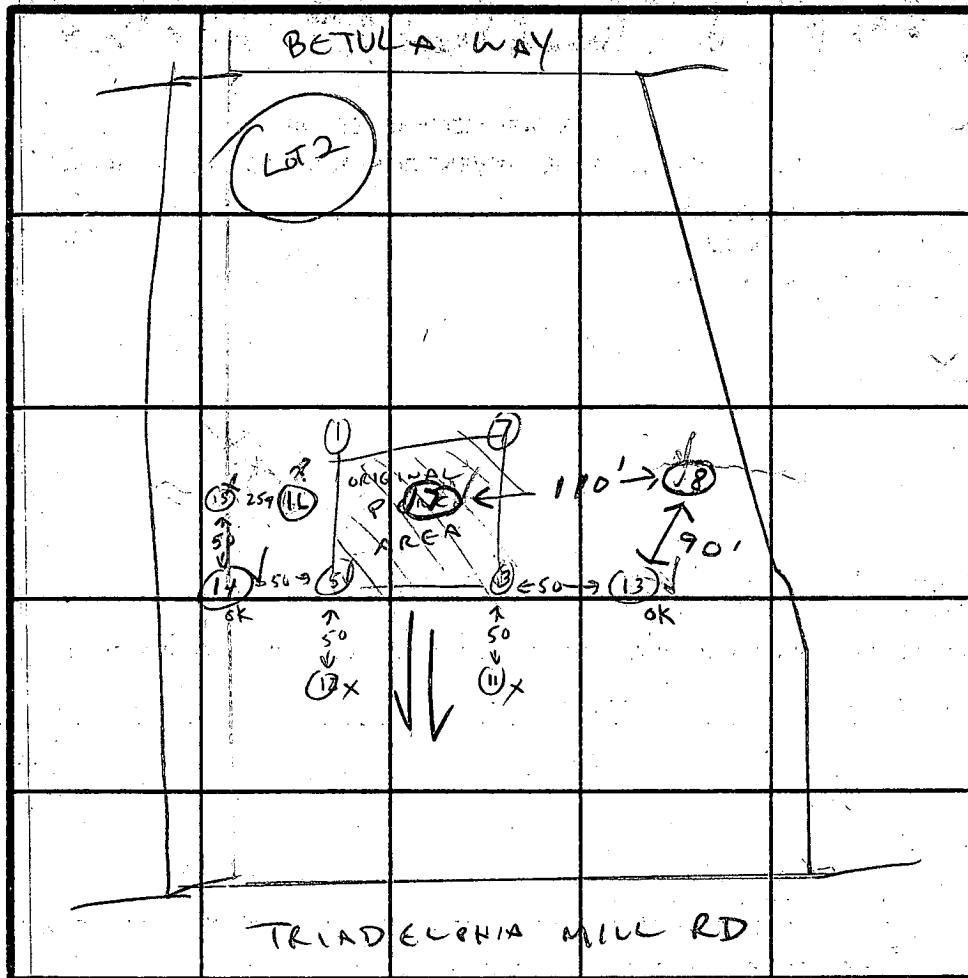
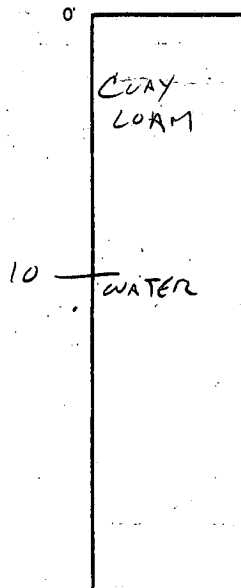
THIS IS NOT A PERMIT

BLDG. PERMIT SIGNED

AND RETURNED 7/2/84

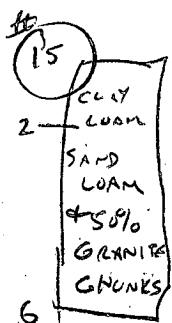
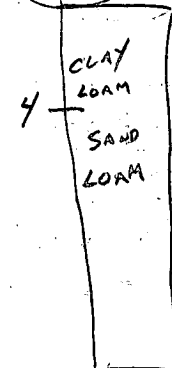
fabam # 89460

#11 & 12
SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

#13 & 14 17 & 18



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-12-84	11	3 10	10:22	1/4" IN 1/2 HR			X
		X	CLAY LOAM - WATER AT 10'				X
3-12-84	12	3 10					
		X	CLAY LOAM - WATER AT 10'				X
3-12-84	13	3 10	12:00	12:04	12:04	12:10	6 min ✓
		12					
3-12-84	14	3 10	12:03	12:05	12:05	12:08	3 min ✓
		12					
3-12-84	15	6'	50% SAND, 50% GRANITE CHUNKS				X
3-12-84	16	4'	SAND LOAM, SOME GRANITE PRA CKAGE & ROCKS				X

JS

3/14/89 17 & 18 V 13' - similar to holes 13 & 14

REMARKS CANNOT MOVE PERC AREA DOWN HILL - WATER AT 10', POOR SOIL ABOVE.

TYPE OF SOIL SAND LOAM IN GOOD HOLES - CLAY, ROCK, WATER IN BAD HOLES

TESTED BY C. Williams

ALSO PRESENT CRAIG BAUMGARTNER & ASSISTANT

EH-12-1079

APPLICATION

#2

Section II.
A 26349
0125183
P

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

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

DISTRICT _____

DATE _____

Plat of 7/13/79 #2
use 3/80
C.B.S.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 Farm

LOT NO.

Use next sheet
2 Dec 2

ROAD AND DESCRIPTION _____

SIZE OF LOT _____

TYPE BLDG _____

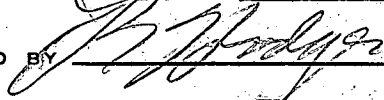
NUMBER OF BEDROOMS _____

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

Trenches

(KIND OF SYSTEM)

DATE

8/25/83

REJECTED BY _____

FOR _____

(KIND OF SYSTEM)

DATE _____

HOLD PENDING FURTHER TESTS _____

DATE _____

REASONS FOR REJECTION OR HOLDING

8/28/78

Nonbuildable per J. Boender

See next sheet - Test

8/25/83 Spec. w/alter

C.B.S.

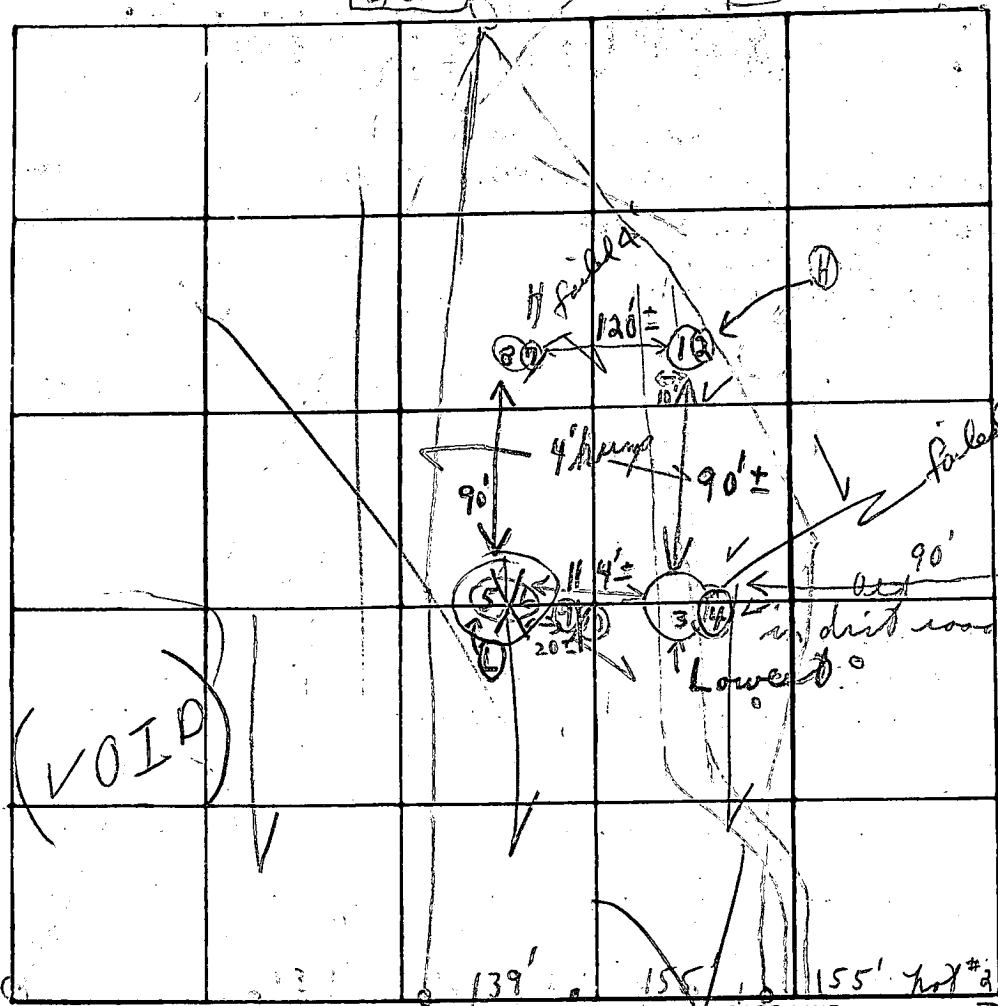
THIS IS NOT A PERMIT

Exp. 1

old house

Exp. 2 House

Sec. II.



Hole
(1,2) (3,4)
in open

(7,8) (5,6)
in
hole
area

Note
4'-hump
in middle
of test
area
with clay
difficult
for shallow

Section 2

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Philadelphia Mill Rd

To Dam

Soil Profile
Below
clay
Yandy
brown

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/5/78	1	3 1/2'	11:59	12:02	12:02	12:16	14m
	(H) 2	12'	11:59	12:01	12:01	12:16	15m
	3	3 1/2'	11:51	11:53	11:53	11:58	5m
	(L) 4 A	12'	11:45	12:17	11:51	11:58	7m
	(S) 5	4 1/2'	12:24	12:47	12:47	1:20	1/2" at most
	(H) 6 X	11'-11 1/2'	Water		X: X	X: X	X
	(L) 7 A	X 4'	12:14	12:17	12:17	12:17	32m
	(H) 8	12'	12:13	12:23	12:23	12:51	28m
	7 B	5'	2:04	2:06	2:06	2:13	7m
	4 B	9'	1:59	2:05	2:05	2:18	13m

Hole (3+4)
in old
road.
(most) 33 min

Turn
12:55-
on road 1:15
1:20

1:20
Dug 1:30

REMARKS (Cold + damp) 9' 3 1/2' 2:38 11" water 1/8" 310 X: X 12 Russell 4 A

TYPE OF SOIL

TESTED BY

C. R. D.

ALSO PRESENT:

Drew
Waited for hole to be dug.
Rust of Bender
before
Engineering crew of Soc.

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

Use #2 7/13/79

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 2 LOT NO. 2

ROAD AND DESCRIPTION _____

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 10/25/78 Tests conducted - hold for

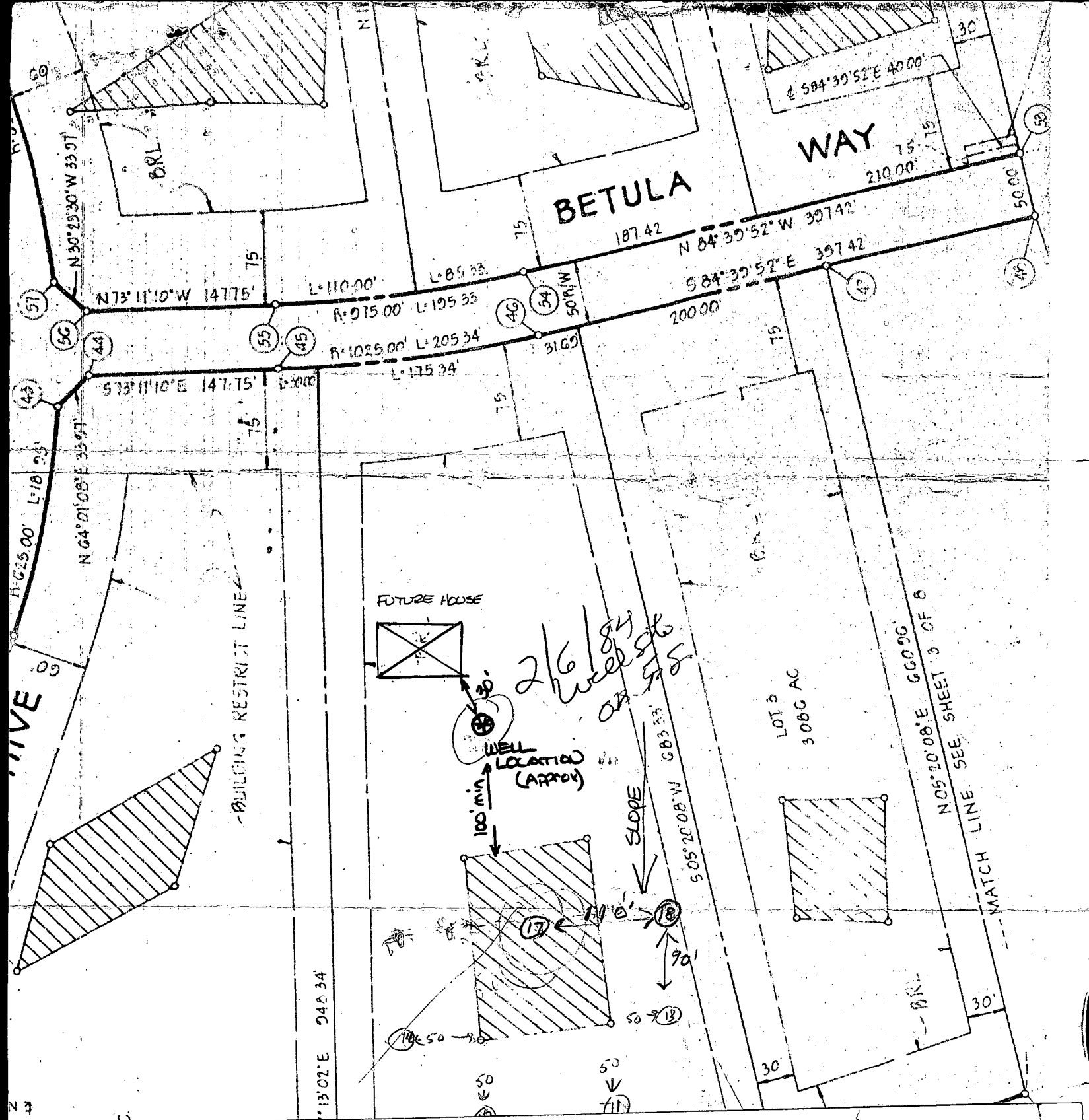
certified holds if perc approved.

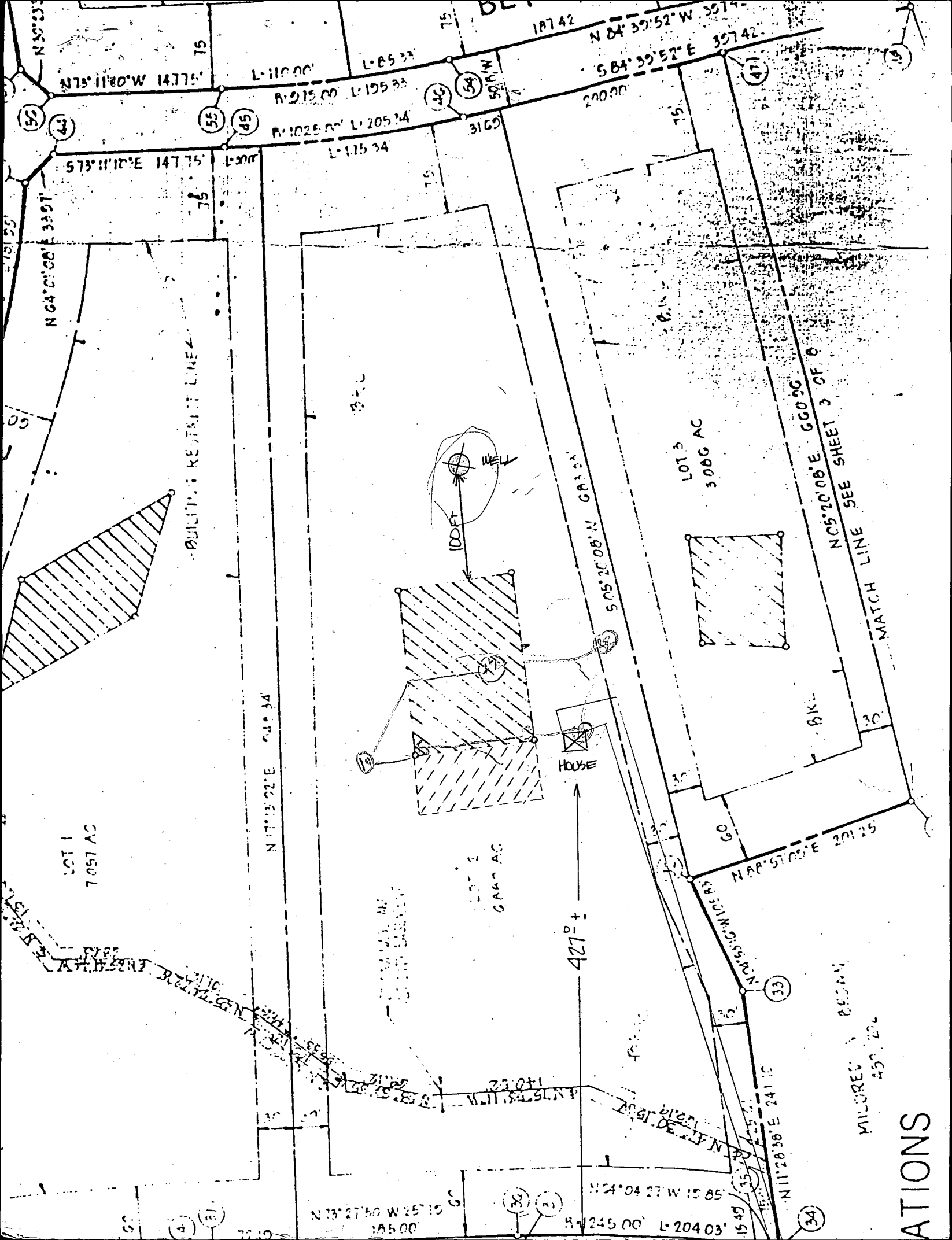
THIS IS NOT A PERMIT

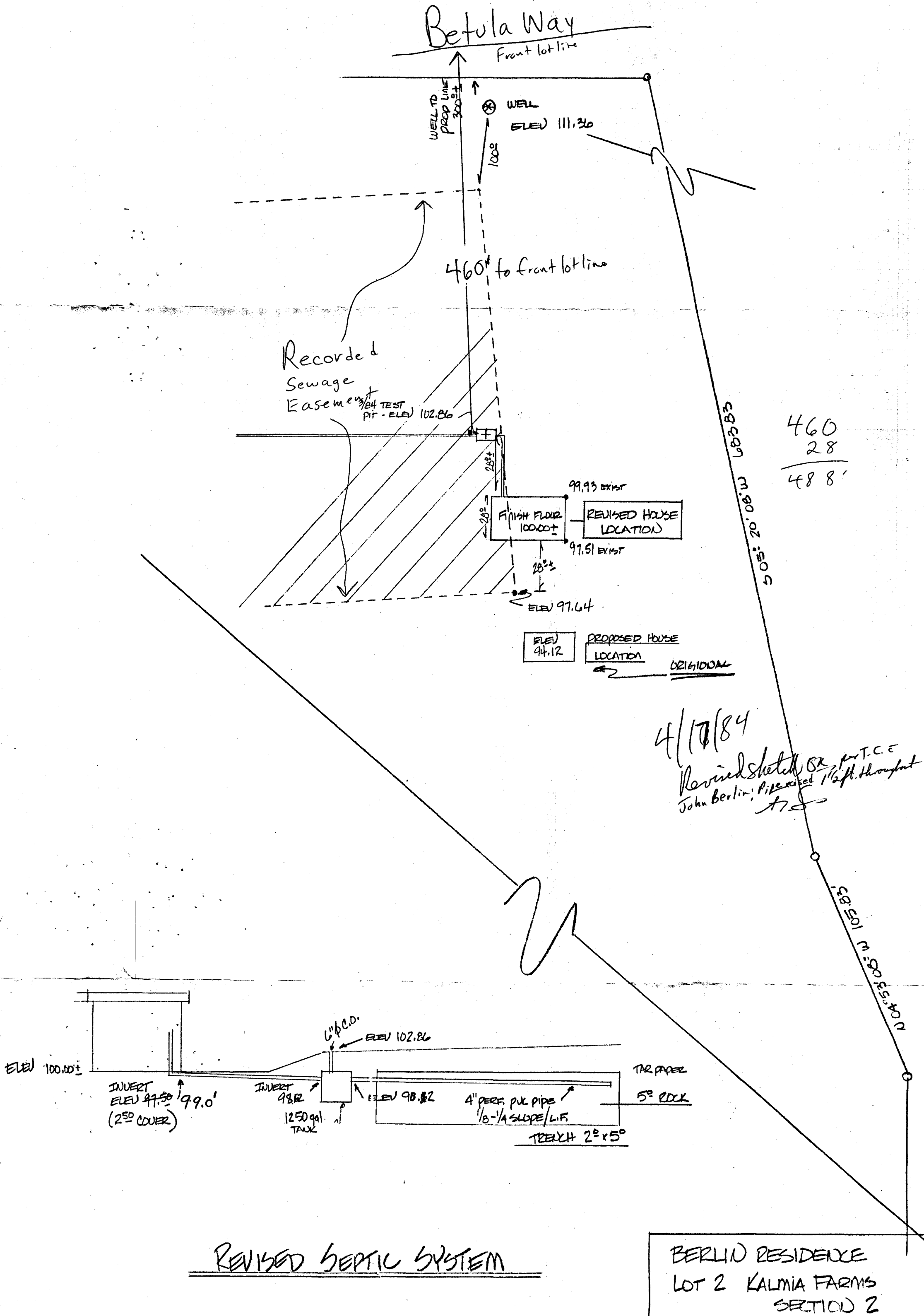
REMARKS Tests in areas of dirt base ^{Note (dry + ducts)} ^{Brakes} ^{transmission}

TYPE OF SOIL (Water only 3 holes over surface of animal) ^{problem} ^{stopped}

TESTED BY C. B. D. ALSO PRESENT Deblane Denon's Mark back- hoe operator







REVISED SEPTIC SYSTEM

BERLIN RESIDENCE
LOT 2 KALMIA FARMS
SECTION 2

ACTIONS

RECEIVED

APR 24 1984

BUREAU OF
INSPECTIONS, LICENSES & PERMITS

EXISTING
DRIVEWAY

450°

220°

515°

100°

300°

WELL

4/26/84
This plot in conjunction with
Sketch of 4/17/84

RESTAURANT LINE

LOT 3
3066 AC

MATCH LINE SEE SHEET 3 OF 8

BERLIN RESIDENCE
14712 BETULA WAY
LOT 2, KALMIA FARMS, SEC 2
PERMIT No. - 58097
REVISED HOUSE LOCATION