

9/30/96
11:00 c/o
10/1/96
10/2/96
10/3/96
11/12/96
11:00 + labor c.o.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 57 097A

A 49269

DISTRICT 5th

DATE 8/29/96

DATE SYSTEM APPROVED 10/3/96

INSPECTOR DKS

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

05-419735

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Cortina Highlands LOT 3 ROAD 13413 Greenhill Court

PROPERTY OWNER Jacobsen Homes

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS *Site inspection required, after foundation is installed, to confirm final septic configuration.

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210 (2-105' trenches)

TRENCHES - Trench to be 2' wide. Inlet 4' below original grade. Bottom maximum depth 8' below original grade. Effective area begins at 4' below original grade. 4' of stone below distribution pipe.

LOCATION - To be determined. - Per site inspection, dist. box to placed as high as possible, approx. as shown on plan. Trenches to run towards rear of lot. (DKS)

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 7/18/96 OK ALM

PLANS APPROVED BY Glen Savage DATE 7/1/96

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, 90° ELBOWS NOT ACCEPTABLE.

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 TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

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 35/40 PVC OR ABS

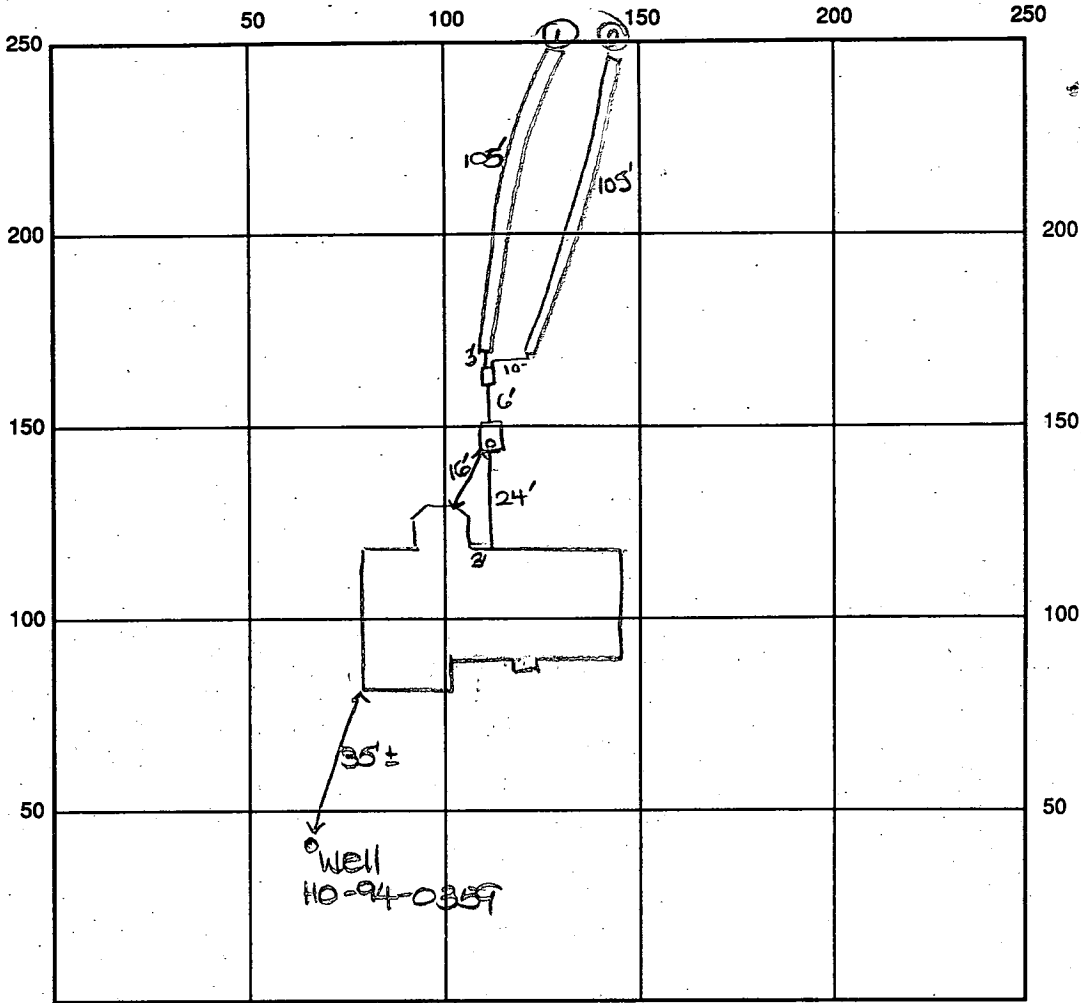
PERMIT VOID AFTER TWO YEARS

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

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A 49269



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Greenhill Court

SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS One on site.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 7.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 105 FT. → 210

NUMBER OF TRENCHES 2 ONE SIDEWALL ~~AREA~~ AREA 840 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 10/1/90 OK to cover from house to d.b. and
stone 1st trench. DKS

10/1/90 P.M. OK to cover 1st trench and continue. DKS

10/3/90 FINAL - OK to cover all work. DKS

DATE SYSTEM APPROVED 10/3/90

INSPECTOR Douglas Jopp

APPLICATION

PERCOLATION TESTING

A 49269

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 5/26/93

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Estate of Vincent L. Vinella ^{Jacobson Homes}
Esther Remson, Personal Representative

ADDRESS 15517 Prince Frederick Way
Silver Spring, MD 20906 PHONE (301) 598-2409

AGENT OR PROSPECTIVE BUYER Paul D. Remson
The Michael Companies, Inc.

ADDRESS 4390 Parliament Place PHONE (301) 459-1533
Suite A

PROPERTY LOCATION: Lanham, MD 20706

SUBDIVISION Vinella Property Cortina Highlands LOT NO. 3

ROAD AND DESCRIPTION Cortina Court and Mink Hollow
13413 Green Hill Court

BLDG. PERMIT SIGNED
~~AND RETURNED~~ 7-1-96
Serial # B00100564

TAX MAP 34 PARCEL # 59

SIZE OF LOT 40,000 Sq. Ft. TYPE BLDG. Single Family - 4 BRMS
(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.
Estate of Vincent L. Vinella
Esther Remson P.R.
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING 6/1/93 - Perc OK Hold for Plat RH

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

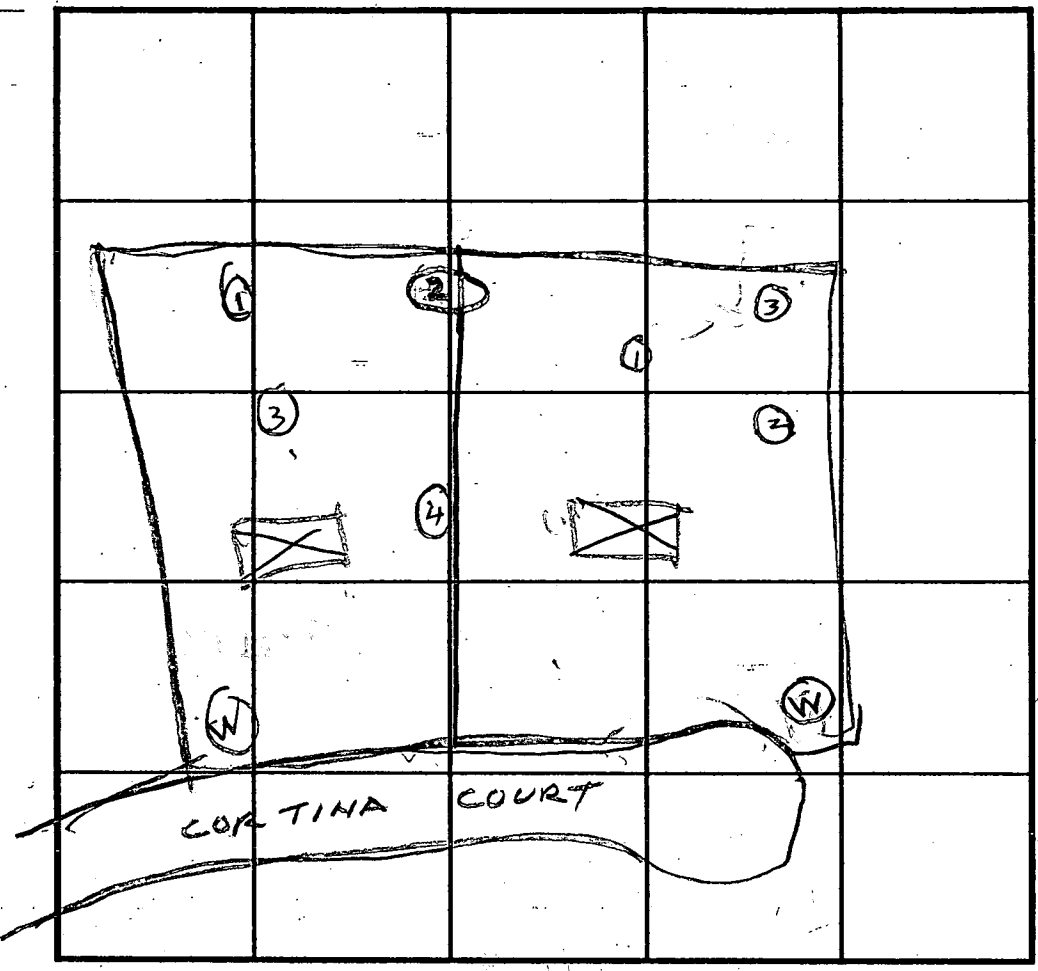
THIS IS NOT A PERMIT

Lot 13
49269
COUNTY #

ON LINE
4
SOIL PROFILE

SOIL PROFILE
0' (1)
TOPSOIL BROWN CLAY
4' BROWN & WHITE SAND MICA LOAM
17'

SOIL PROFILE
0' (4)
TOPSOIL BROWN CLAY
3' PINK BROWN & WHITE SAND MICA LOAM
13'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ON LINE
2
TOPSOIL BROWN CLAY
4' BROWN SAND MICA LOAM
13'

(3)
TOP SOIL CLAY
4' PINK BROWN SAND MICA LOAM
2 1/2'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/1/93	1S	4	1103	1111	1111	1121	16
	1V	12	OK				
	ON LINE 2S	5	1106	1111	1111	1115	4
	2V	13	OK				
	3S	5	1117	1126	1126	1140	14
	3V	12 1/2	OK				
	ON LINE 4S	4	1203	1206	1206	1210	4
	4V	13	OK				

REMARKS Holes dug per Test Plat RH
 TYPE OF SOIL _____
 TESTED BY R. HODGES DUNBAR BACKHOOD
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 10 TRENCH WIDTH 2
 INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 9 SQ. FT./BEDROOM 210
 ALSO PRESENT BOB ENGINEER

Continued

SDC GROUP

June 13, 1995

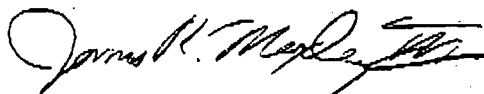
Mr. Glen Savage
Howard County Department of Health
3525 H Ellicott Mills Drive
Ellicott City, Maryland 21043

Dear Glen:

Please convert the five test wells for lots 1, 2, 3, 4, and 5 to production well status approvable for domestic water wells. These lots are currently recorded in the land records of Howard County as Plat No. 11765.

Please feel free to call if you need any additional information. Thank you for your attention to this matter.

Sincerely,



James R. Moxley, III

JRM/ecb

C1 3593

SEQUENCE NO. (DENV 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 - ANNE ARUNDEL

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

9 2 0 2 9 5

0 3 2 3 9 5

22 2 2 5 26 (TO NEAREST FOOT)

49 289 H 0 - 9 4 - 0 3 5 9

OWNER SOC GROUP last name CORTINA DRIVE first name TOWN HIGHLAND SUBDIVISION CORTINA HIGHLANDS SECTION LOT 3

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes entries for SAND and GRAY Micaceous Rock.

GRROUTING RECORD, CASING RECORD, SCREEN RECORD sections with checkboxes and input fields for materials, diameters, and depths.

PUMPING TEST section with input fields for HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, etc.

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED. CIRCLE APPROPRIATE LETTER. DRILLERS IDENT. NO. 24. DRILLERS SIGNATURE. SITE SUPERVISOR.

DEPTH (nearest ft.) table with columns 1-51. SLOT SIZE. GRAVEL PACK. MDE USE ONLY. TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMP INSTALLED section with YES/NO options. DRILLER WILL INSTALL PUMP. TYPE OF PUMP INSTALLED. CAPACITY. PUMP HORSE POWER. PUMP COLUMN LENGTH. CASING HEIGHT. LOCATION OF WELL ON LOT. See Attached Well location.

B-0564 AS DISCUSSED WITH T. JACOBSON

WILL REUSE HOUSE LOCATED TO OBTAIN BE APPROVAL

UNCLEAR AS TO HOW MUCH OF AN IMPEDIMENT IS CAUSED BY SWALS, WHICH SIDE OF SEPTIC AREA IS MOST USABLE HOUSE LOCATION TO BE REUSED TO AS HIGH AS PRACTICABLE

SITE INSPECTION AFTER FOUNDATION INSTALLED TO CONFIRM FINAL SEPTIC CONFIGURATION

MIN. OUT OF HOUSE INTO SEPTIC TANK
MIN. OUT OF SEPTIC TANK INTO DISTRIBUTION BOX
MIN. ELEV. AT DISTRIBUTION BOX

RECEIVED

JUN 24 1996

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

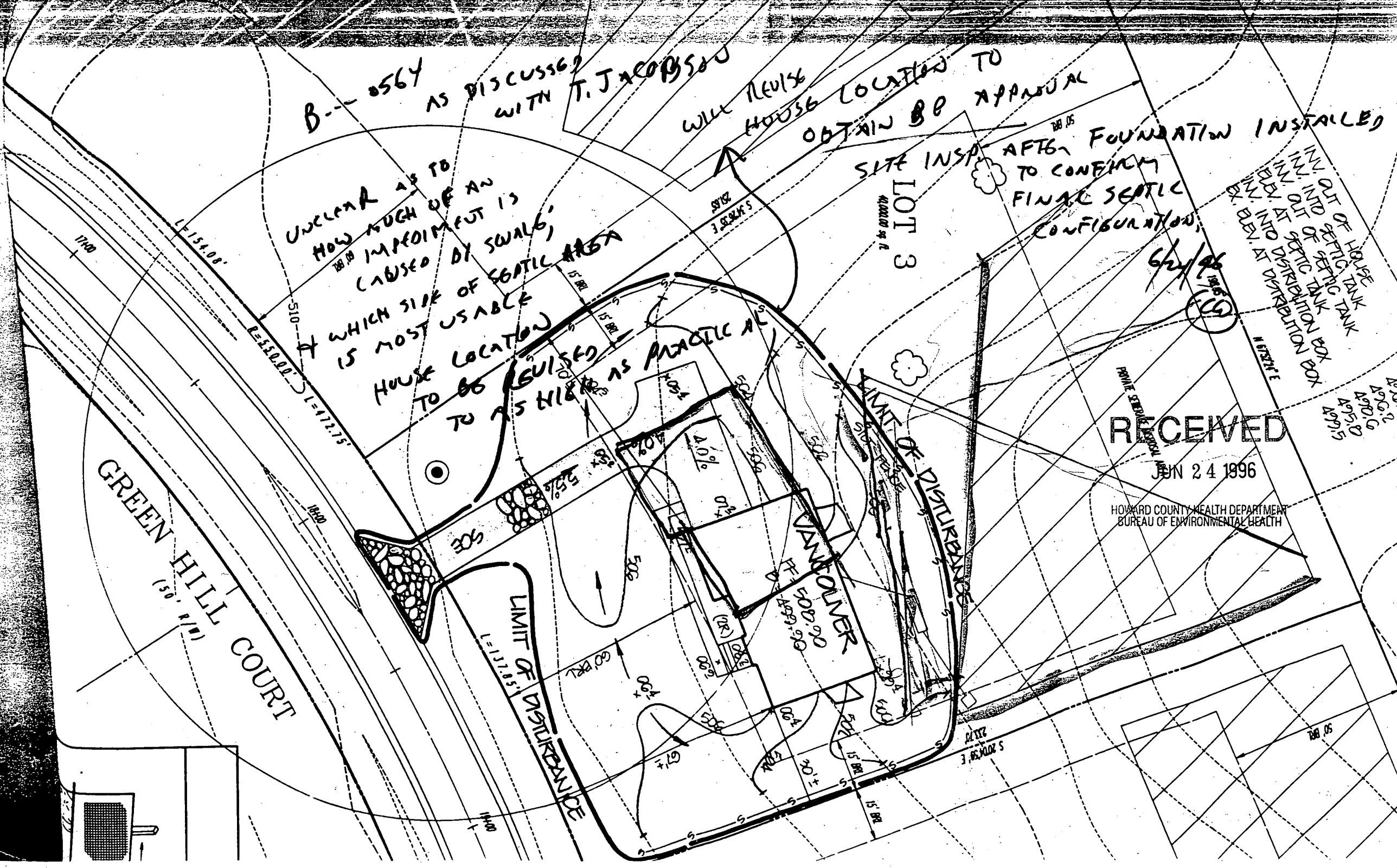
GREEN HILL COURT
(50' R/W)

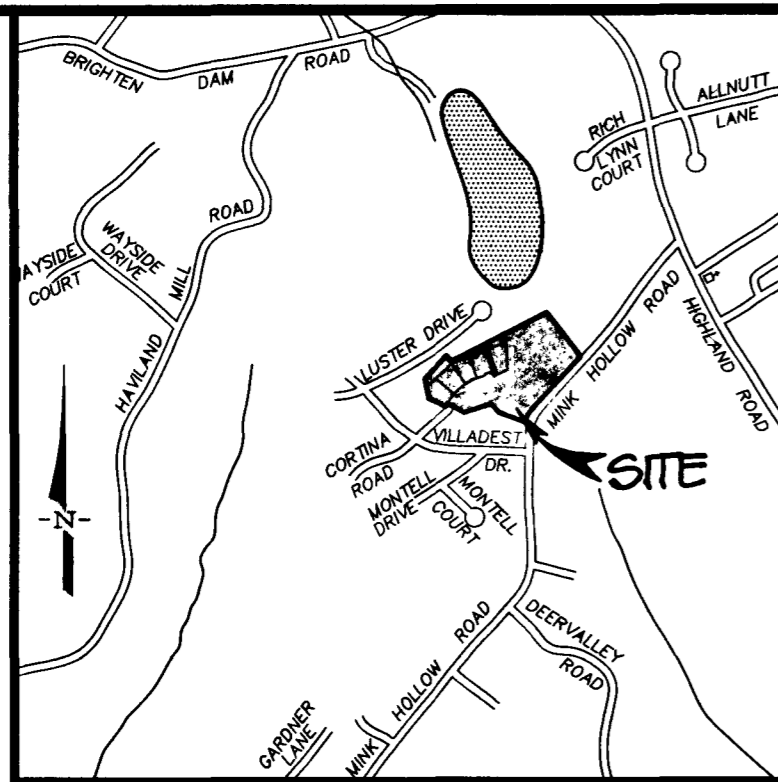
LOT 3
40,000 sq ft

WINDOWER

LIMIT OF DISTURBANCE

LIMIT OF DISTURBANCE





Vicinity Map

SITE ANALYSIS LOT 6

TOTAL AREA OF SITE: 0.92 AC.
 AREA TO BE DISTURBED: 0.33 AC. ±
 AREA TO BE ROOFED OR PAVED: 0.12 AC. ±
 AREA TO BE VEGETATIVELY STABILIZED: 0.21 AC. ±
 TOTAL CUT: — CY ±
 TOTAL FILL: — CY ±
 OFFSITE WASTE/BORROW AREA: —

SITE ANALYSIS LOT 8

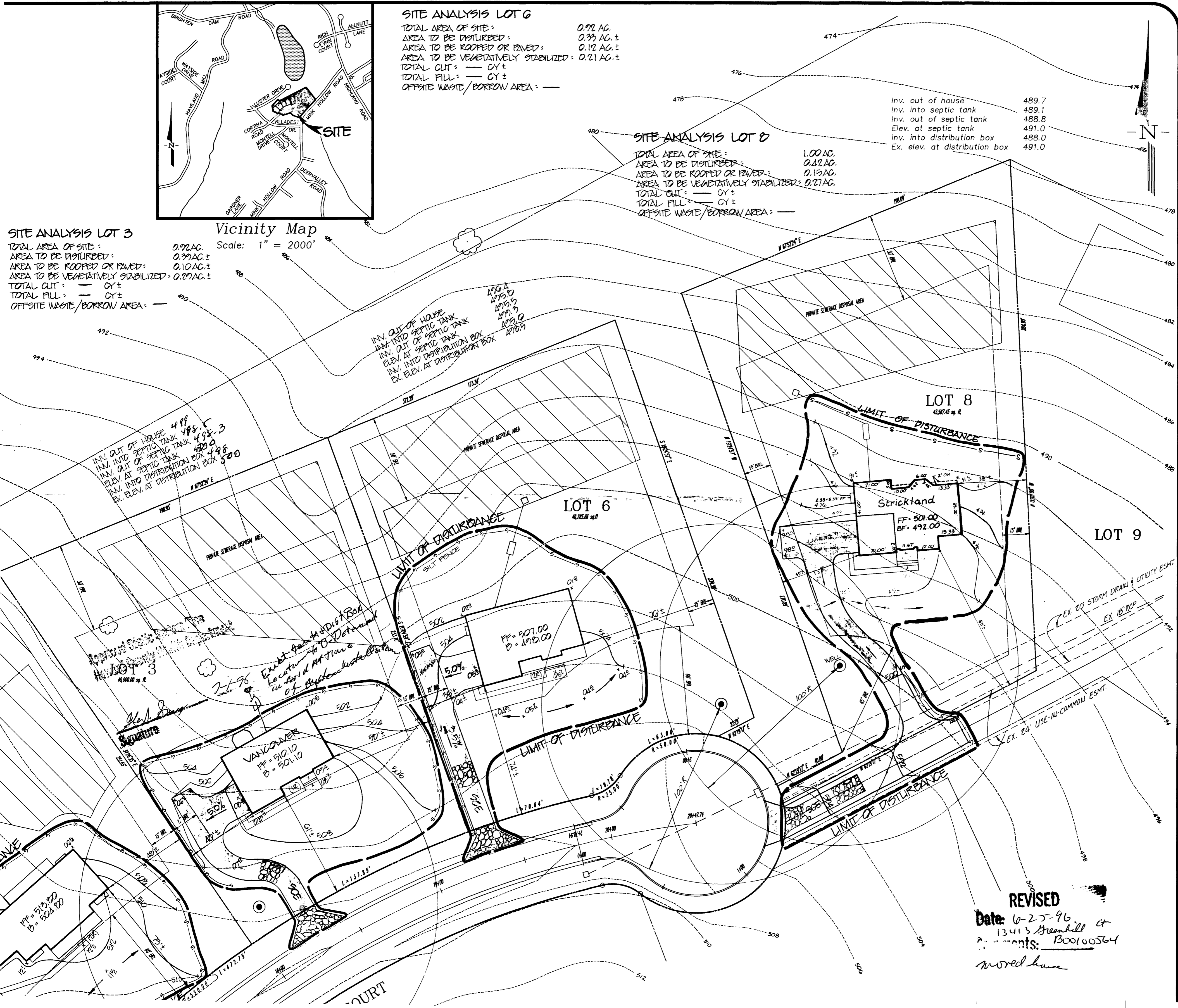
TOTAL AREA OF SITE: 1.00 AC.
 AREA TO BE DISTURBED: 0.22 AC.
 AREA TO BE ROOFED OR PAVED: 0.15 AC.
 AREA TO BE VEGETATIVELY STABILIZED: 0.27 AC.
 TOTAL CUT: — CY ±
 TOTAL FILL: — CY ±
 OFFSITE WASTE/BORROW AREA: —

Inv. out of house 489.7
 Inv. into septic tank 489.1
 Inv. out of septic tank 488.8
 Elev. at septic tank 491.0
 Inv. into distribution box 488.0
 Ex. elev. at distribution box 491.0

SITE ANALYSIS LOT 3

TOTAL AREA OF SITE: 0.92 AC.
 AREA TO BE DISTURBED: 0.33 AC. ±
 AREA TO BE ROOFED OR PAVED: 0.10 AC. ±
 AREA TO BE VEGETATIVELY STABILIZED: 0.29 AC. ±
 TOTAL CUT: — CY ±
 TOTAL FILL: — CY ±
 OFFSITE WASTE/BORROW AREA: —

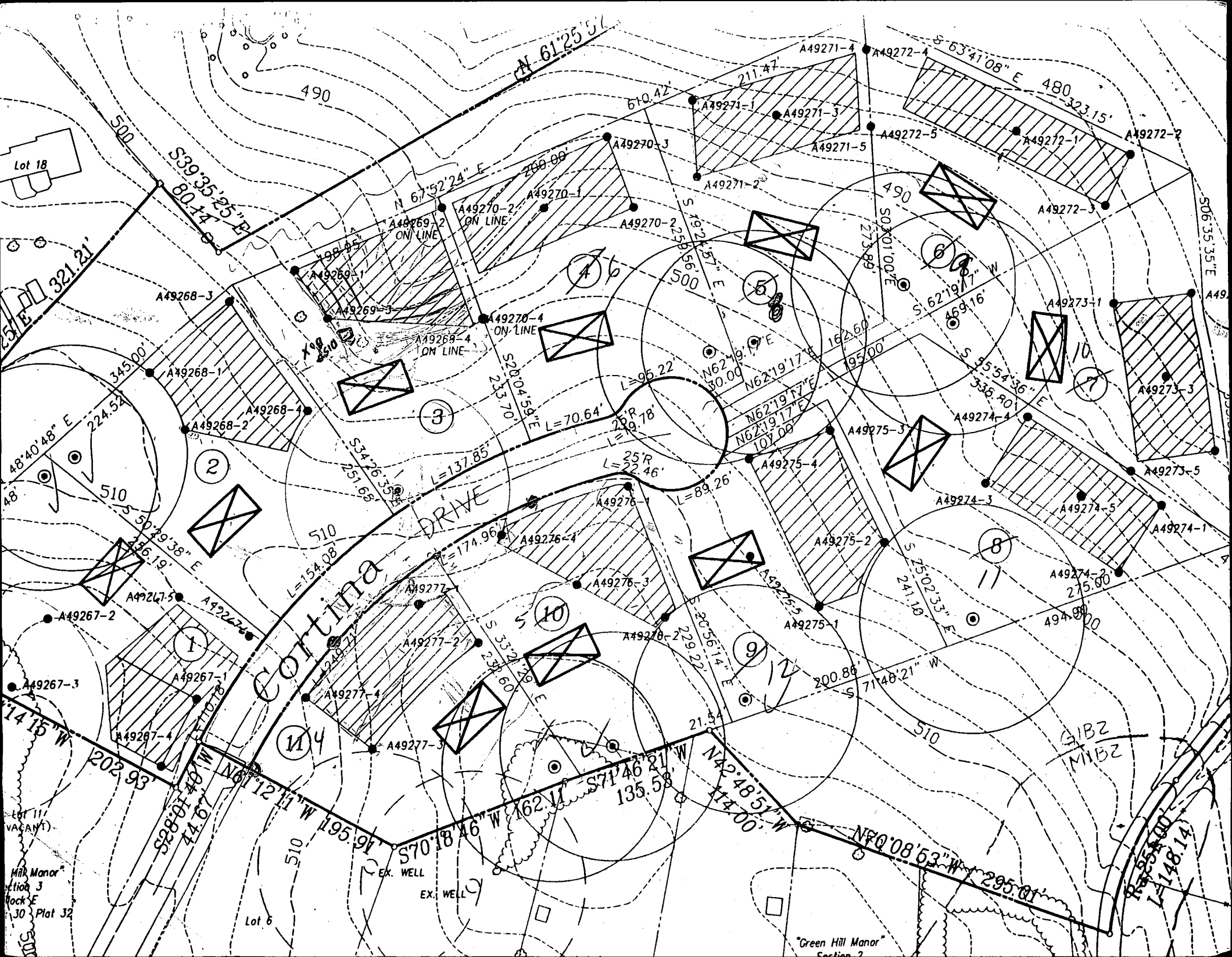
Scale: 1" = 2000'



Project	95508.03	date	June 1996
Illustration	JLM	engineering	JLM
scale	1" = 30'	approval	RMM

no.	1	description	revisions	date
2	1	RESTATE LOT 3		6/15/96
3	1	LOT 2 & 6 HOUSE SHIMMS		6/14/96
4	1	LOT 3 VANCOUVER		6/12/96

Lots 1, 2, 3, 6 & 8
Cortina Highlands
 HOWARD COUNTY, MARYLAND
 ELECTION DISTRICT No. 5
 Plan to Accompany Application for Building Permit
 Date: 6-25-96
 13413 Greenhill Ct
 Annapolis, MD 21406
 mored house



Lot 18

Lot 11
VACANT

Mill Manor
Section 3
Rock E
30 Plat 32

Lot 6

Green Hill Manor
Section 2

Cortina Drive

S39°35'25" E
80.14'

N 61°25'51"

S51°E 321.21'

S34°26'35" E
251.68'

S32°19'38" E
345.00'

S36°19' E
224.54'

S28°01'40" W
44.67'

S28°01'40" W
202.93'

S71°12'11" W
195.91'

N 67°52'24" E
260.88'

S28°04'59" E
235.70'

S34°26'35" E
251.68'

L=137.85'

L=154.08'

S32°26'35" E
224.54'

S32°26'35" E
224.54'

S70°18'46" W
135.58'

S71°46' E
162.11'

N 61°25'51"

S19°23'57" E
507.01'00"E

L=70.64'

L=95.22'

L=89.26'

S32°26'35" E
224.54'

S32°26'35" E
224.54'

S71°46' E
162.11'

S70°18'46" W
135.58'

S19°23'57" E
507.01'00"E

S62°19'17" W
162.60'

N62°19'17" E
107.00'

S62°19'17" E
107.00'

S71°48'21" W
200.88'

S71°48'21" W
200.88'

N42°48'51" W
174.00'

N42°48'51" W
174.00'

N90°08'53" W
295.01'

S63°41'08" E
480'

S62°19'17" W
162.60'

S62°19'17" E
107.00'

S62°19'17" E
107.00'

S71°48'21" W
200.88'

S71°48'21" W
200.88'

N42°48'51" W
174.00'

N42°48'51" W
174.00'

N90°08'53" W
295.01'

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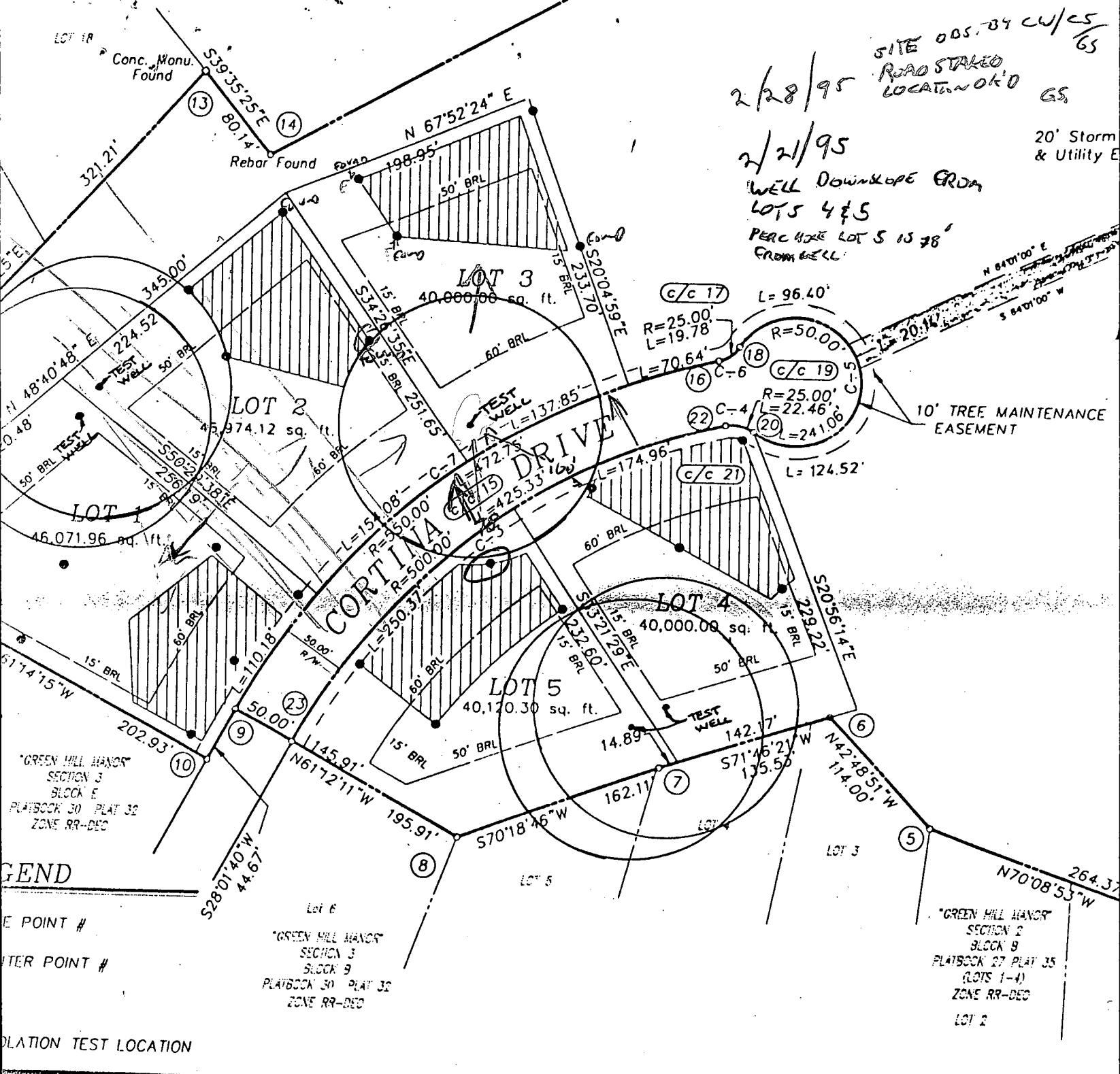
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A49274-54

Esther M. Remson
Esther M. Remson, Personal Representative

June 1-1994
Date

N 61°25'57" E
758.23



2/28/95
2/21/95
SITE 005.84 CW/CS
ROAD STAKED
LOCATION OK'D GS
20' Storm & Utility E
WELL DOWNSCOPE FROM
LOTS 4 & 5
PERC HOLE LOT 5 IS 38'
FROM WELL

"GREEN HILL MANOR"
SECTION 3
BLOCK E
PLATBOOK 30 PLAT 32
ZONE RR-DEC

"GREEN HILL MANOR"
SECTION 2
BLOCK 9
PLATBOOK 27 PLAT 35
(LOTS 1-4)
ZONE RR-DEC
LOT 2

POINT #
WATER POINT #

TEST LOCATION

FOR PRIVATE WATER AND SEWERAGE SYSTEMS,
HOWARD COUNTY DEPARTMENT OF HEALTH

OFFICER _____ DATE _____

HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

Surveyor's Certificate

I hereby certify that the final plat shown hereon is correct; that it is a subdivision of part of the lands conveyed by deed dated September 29 1964 from D. Murray Worthington and Mary Stead Worthington, his wife, to Vincent L. Vinella and recorded among the Land Records of Howard County Maryland in Liber 425 at folio 558, and that all monuments are in place or will be in place prior to the acceptance of the streets in the subdivision by Howard County as shown, in accordance with the Annotated Code of Maryland, as amended.