

Tax ID - 03-316165

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

# INDEXED

P 50834

A 43986

DISTRICT 3rd

DATE 8/18/95

DATE SYSTEM APPROVED 12/1/95

INSPECTOR [Signature]

### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933 313-2640

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL X ALTER

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

SUBDIVISION Spring Valley Chase LOT 53 ROAD 12124 Deer Haven Road

PROPERTY OWNER Altieri Homes, Inc. William Linkow

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 295' down the right (444.42') lot line and 175' off the same lot line as seen when facing the lot from Deer Haven Road. Run trenches on contour in both directions. \*Maintain minimum 100' from well to all parts of septic system.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 8/11/95 DCB

PLANS APPROVED BY Donna K. Soe/Ron pinkley

DATE 5/30/95, 6/21/95

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.

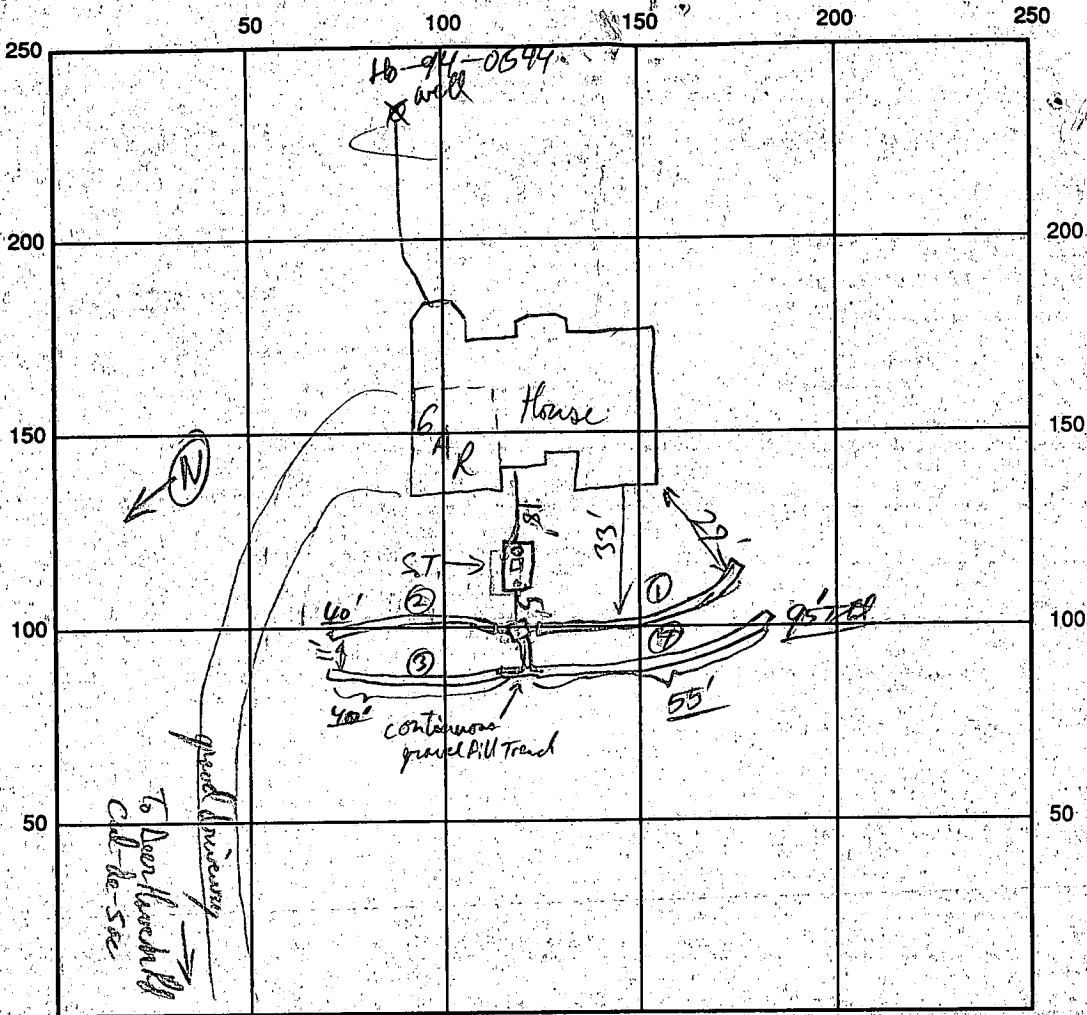
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*Additional Swimming Pool*  
BLDG. PERMIT SIGNED  
**AND RETURNED 3-29-96**  
*Serial # 640 45*

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

A  
43986

C.O.  
71-30-95  
12:00  
12/1/95  
11:00 E LATER  
W/ 100



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500gal CLEANOUTS S.T.

DISTRIBUTION BOX LEVEL Level - 1

DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 75/40/40/4 FT. 155' #3 & 4 are continuous trench

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA \_\_\_\_\_ SQ. FT.

DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: Septic tank set, no other work ready yet R/P 11/30/95 1st trench OK to gravel fill then cover when finished, OK to cover S.T. + house line - No House Connection yet. R/P 1/20/95  
OK to cover Trenches 2+3 + d. boxes. Needs to drive over first trench to get access to site for #4. R/P 1/17/95  
Trench #4 using bit by bit because of covering, will be 55' segment long when finished. Trench 3 & 4 are continuous line. House Connection OK 12/1/95 R/P  
Pitless adapter installed OK at 4 ft - No water line yet R/P 1/30/95 (Call 1.800.955.1234)  
Water line OK at 4 ft OK to cover 12/1/95 R/P.

DATE SYSTEM APPROVED 12/1/95 INSPECTOR R.P. Pulley

# APPLICATION

PERCOLATION TESTING

A 43986

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT 3RD

DATE 4-17-89

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 Miller-built

ADDRESS 10470 Little Patuxent Parkway suite 600 PHONE 964-2023  
Columbia Md. 21044

PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION:

SUBDIVISION ALBEE FARM (A RESUB. OF LOTS 28-33) LOT NO. 49

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP 9 E 10 PARCEL # 119 E 294

SIZE OF LOT 3.24 Ac. ± TYPE BLDG S.F.D.  
(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.

[Signature] J.P. 3-29-89  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING 5/15 for house into, well site, & perc  
certification C.B.V.

BLDG. PERMIT SIGNED  
AND RETURNED 7/1/90  
Serial # 60384  
SFD - (4 Bams)

HD-216

# THIS IS NOT A PERMIT

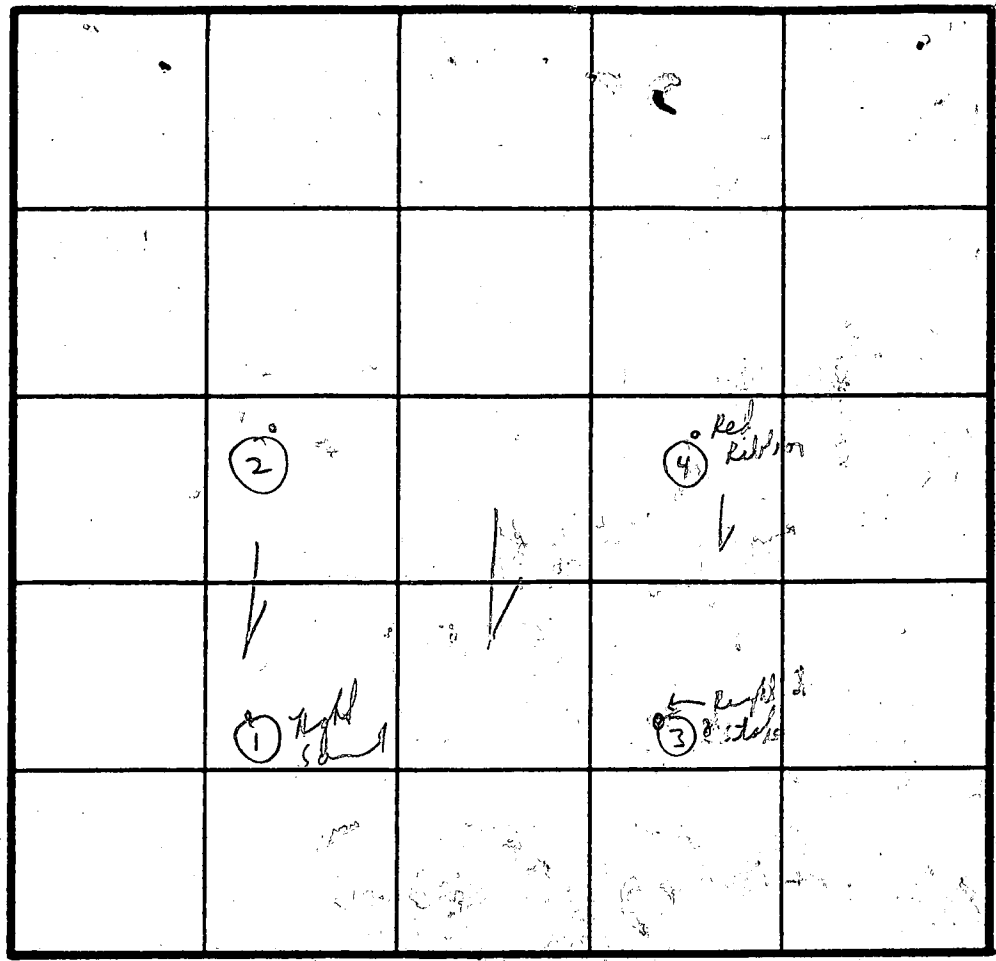
#49  
A# 43986

SOIL PROFILE



Holes  
①, ②, ④

③



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

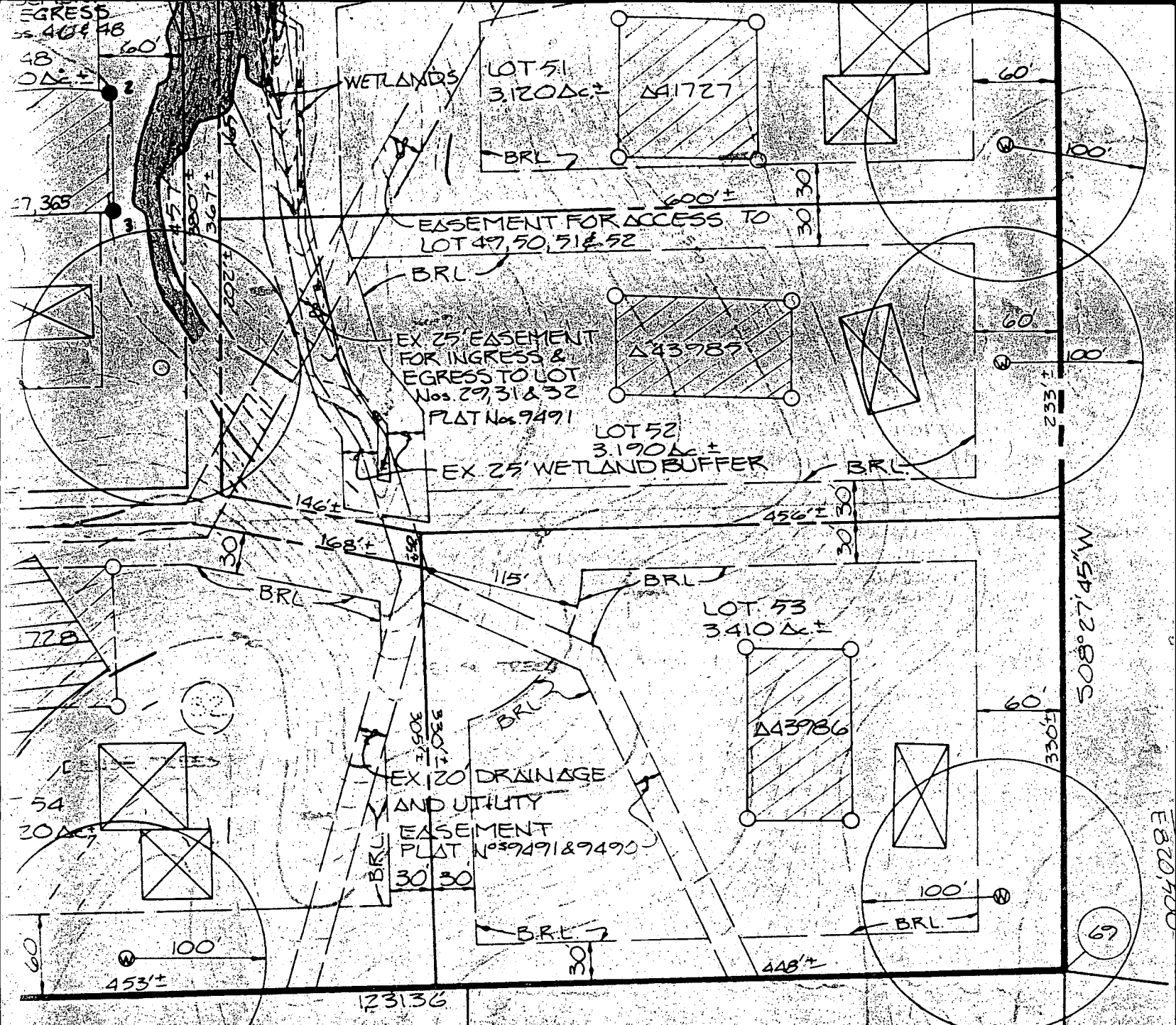
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
5/15	①	3'	11:58	11:	11:	12:00	1m
Morcha	① ④ <sub>low</sub>	13'±	LOAM	LI	GNT	SAND	
4/20 4 LIT	②	3 1/2'	12:00	12:01	12:01	12:02	1m
	②	13'					
	③	4±'					
	③	12'	LOAM	branch			
	④	3'	12:03	12:04	12:04	12:05	1m
	④	6 1/2'	12:05	12:	12:	12:07	1m
		11'3 1/2'					

REMARKS 5/ Tests in woods - heavy -

TYPE OF SOIL Test per stakes.

TESTED BY C. B. V.

ALSO PRESENT { J. F. York +  
M. L. S.  
Stew of  
Bills B. Will



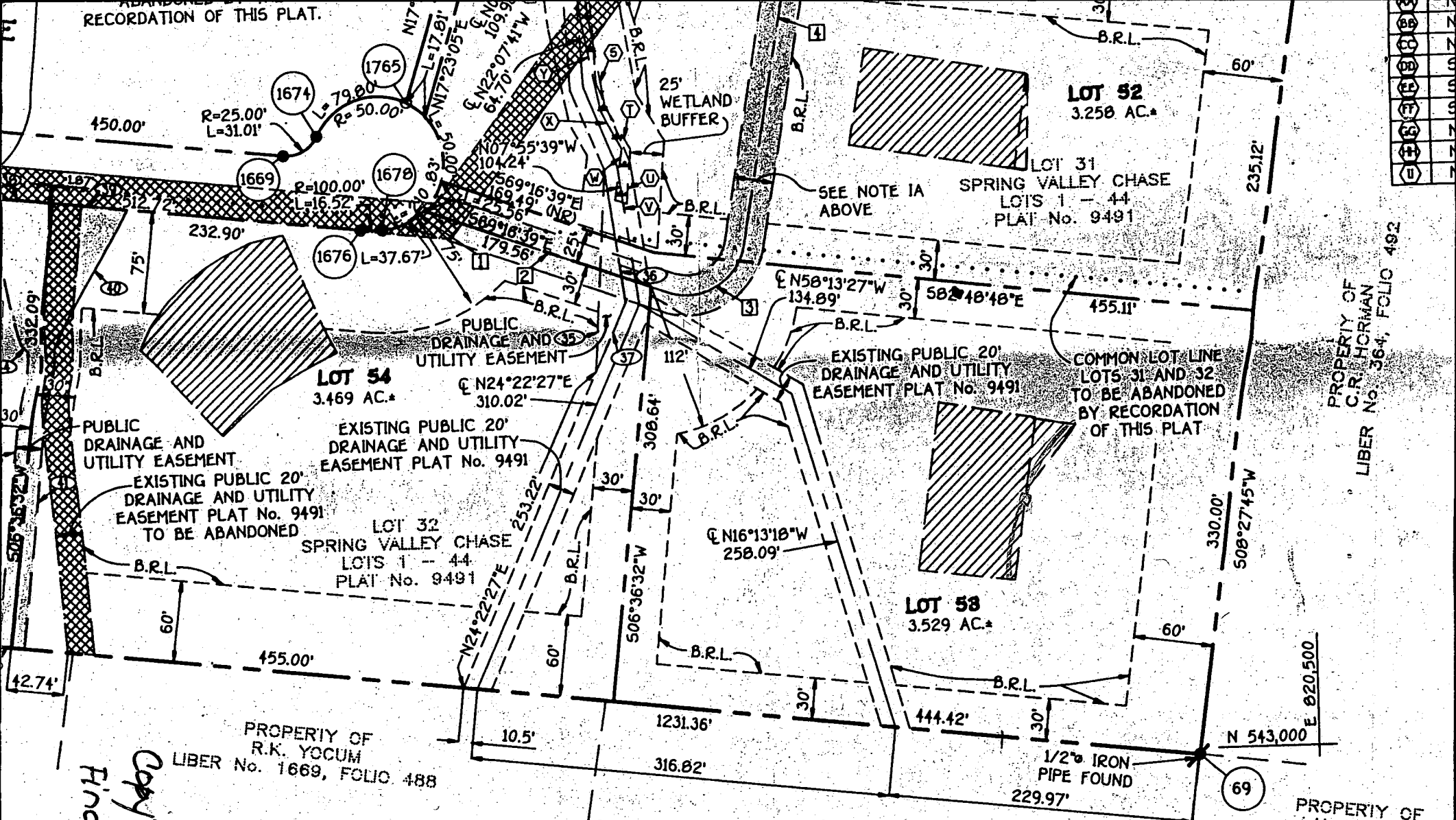
DRAINAGE AND  
UTILITY EASEMENT PLAT N° 9491  
THOS LENNON  
407/573

Copy of Signed  
Perc Cert

OWNER AND DEVELOPER  
CHESAPEAKE FEDERAL  
SAVINGS & LOAN ASSOCIATION  
2001 EAST JOPPA ROAD  
BALTIMORE, MARYLAND 21234

STATE  
PROFESSOR  
CHARLES

RECORDATION OF THIS PLAT.



PROPERTY OF  
C.R. HORMAN  
LIBER No. 364, FOLIO 492

PROPERTY OF  
R.K. YOCUM  
LIBER No. 1669, FOLIO 488

PROPERTY OF  
D.E. DOERER  
LIBER No. 473, FOLIO 427

PROPERTY OF  
A.K. HORMAN  
LIBER No. 1335, FOLIO

**OWNER AND DEVELOPER**  
CHESAPEAKE FEDERAL SAVINGS &  
LOAN ASSOCIATION  
2001 EAST JOPPA ROAD  
BALTIMORE, MARYLAND 21234

**FISHER, COLLINS &**  
CIVIL ENGINEERING CONSULTANTS  
971 BALTIMORE NATIONAL PK  
ELLCOTT CITY, MARYLAND  
(410) 461-2222

*Copy of Signed  
Final F-92-115*

**SURVEYOR'S CERTIFICATE**

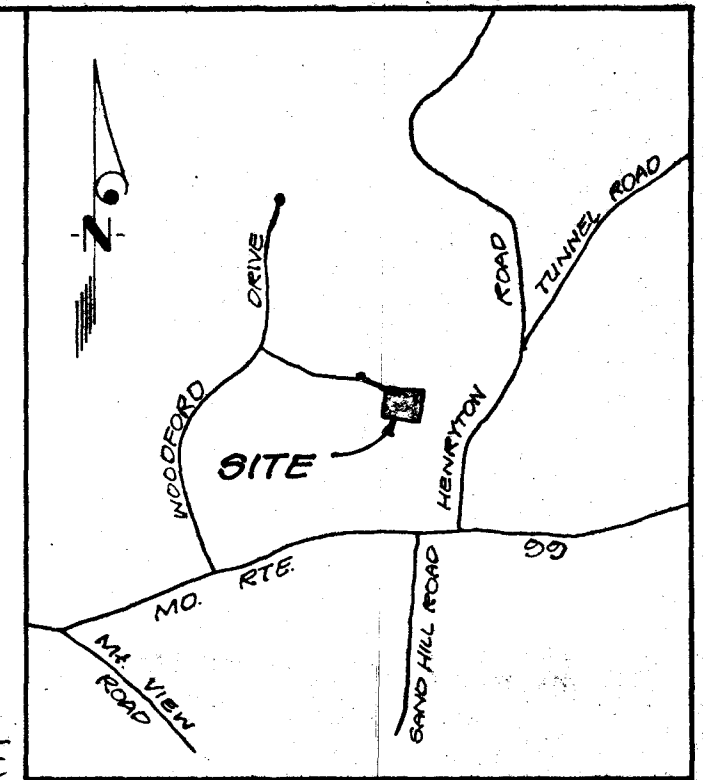
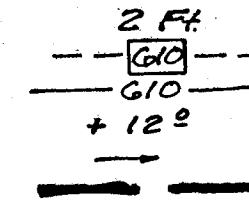
I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A  
RECORDATION OF A PART OF THE LANDS CONVEYED BY RICHARD N. KERR, SUBSTITUTE

RECORDED AS PLAT No. 10648 ON DECEMBER  
AMONG THE LAND RECORDS OF HOWARD COUNTY, MD

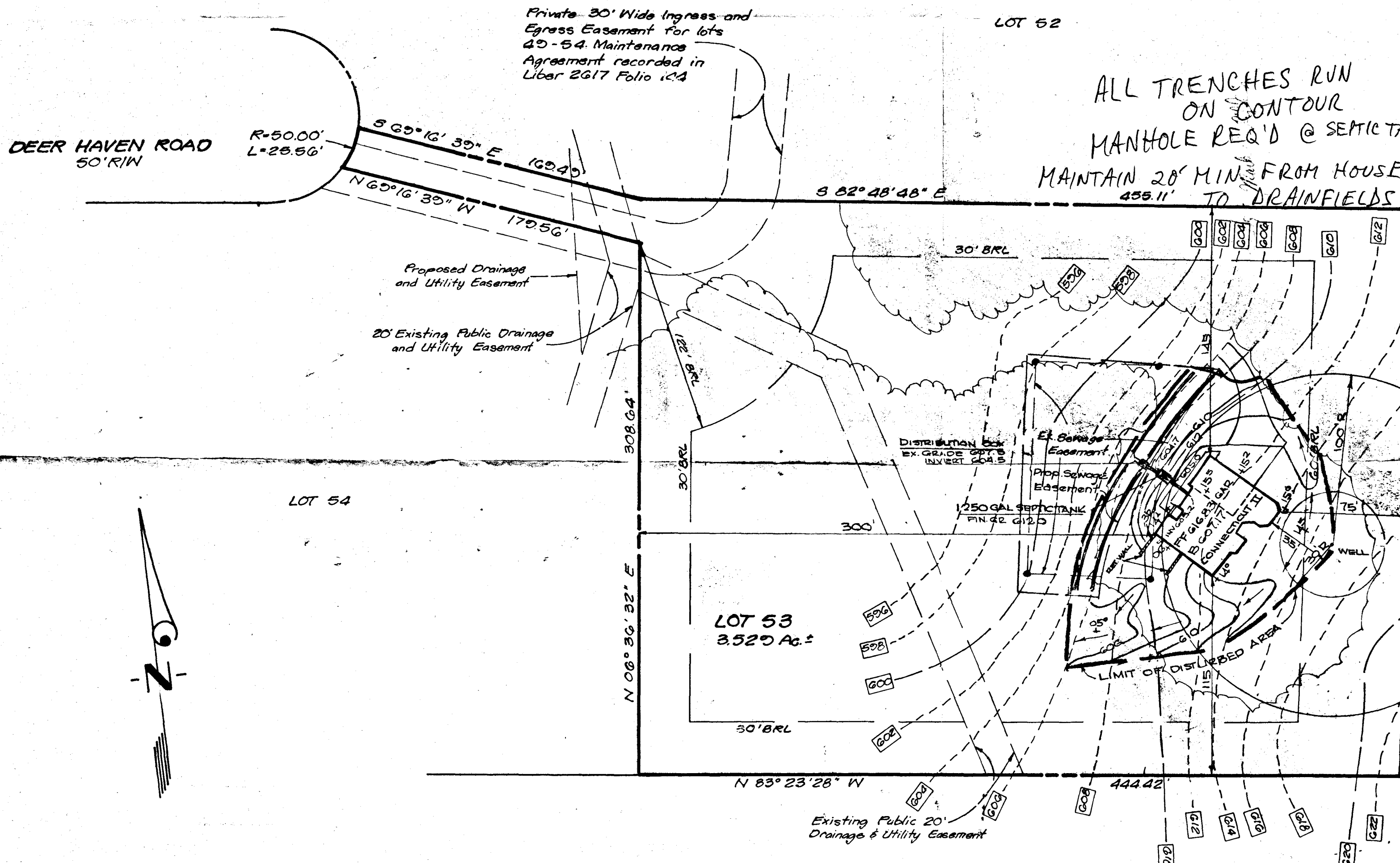
SPRING VALLEY

UNITED STATES OF AMERICA, BY THOMAS

**LEGEND**  
 Contour Interval  
 Existing Contour  
 Proposed Contour  
 Spot Elevation  
 Direction of Drainage  
 Limit of Disturbed Area



**VICINITY MAP**  
 1"=1200'



BY COPY OF THIS PLAN, THE HEALTH DEPT. ACCEPTS THE MODIFICATION TO THE SEWAGE EASEMENT

Approved Septic System Plan  
 Howard County Health Department


**GENERAL NOTES**

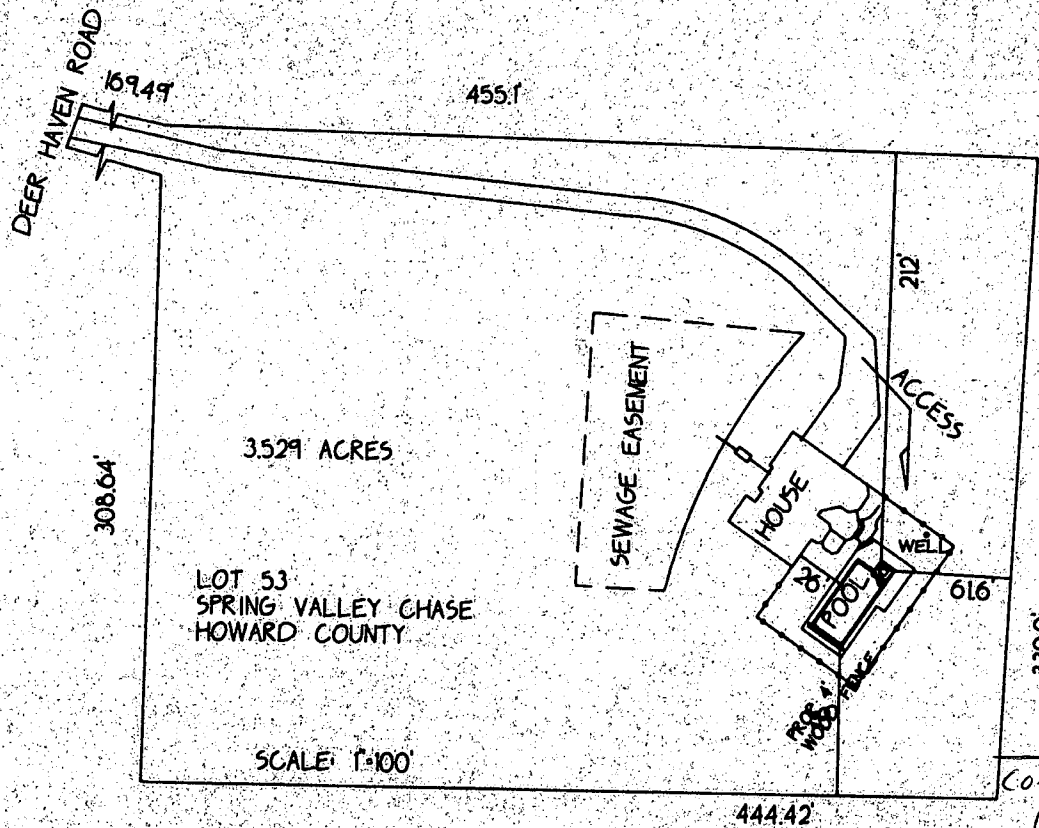
1. Length of trenches to be determined at time of Permit issuance.
2. Existing Topography was taken from a Preliminary Plan prepared by Fischer, Collins & Carter, Inc. on July 23, 1991.
3. Reference Plat No. 1064B
4. Disturbed Area = 0.13AC
5. 4 Bedrooms

Signature: *Mark E. Rifkin*  
 Date: 7/7/95

Property of  
 C.R. Harman  
 Liber 364 Folio 422

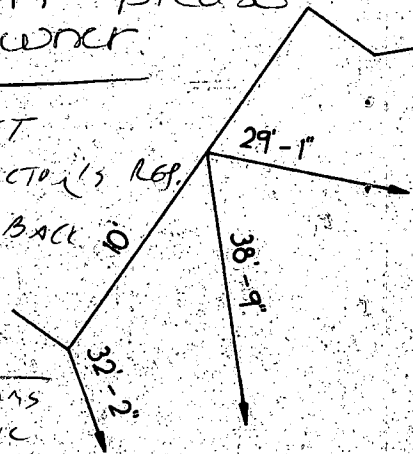
Property of  
 DE Doerer  
 Liber 473 Folio 427

 <b>CLARK • FINEFROCK &amp; SACKETT, INC.</b> ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (410) 381-7500 - BALTO. • (301) 621-8100 - WASH.		
DESIGNED RMT	<b>SITE DEVELOPMENT PLAN</b> <b>LOT 53</b> <b>SPRING VALLEY CHASE</b> TAX MAP No. 10 PART OF PARCEL 119 THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=50'
DRAWN PS		DRAWING 1 of 1
CHECKED JME		JOB NO. 05-092
DATE 6-13-95		FILE NO. 05-092-X
For: ALTIERI ENTERPRISES, Inc. 7340 Gardenview Drive Elkridge, Maryland 21227		



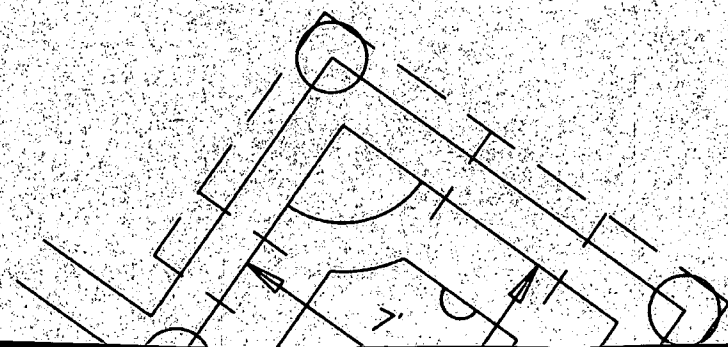
concern about proximity  
of well to proposed  
addition - please  
call owner.

M556 LGFT  
w/ CONTRACTOR'S REP.  
will call back  
3/26/96



CONTRACTOR CONFIRMS  
WELL TO SEPTIC  
SEPARATION IS 18'  
- OK ON THAT BASIS.

50  
90  
90  
240  
547 250  
3/29/96  
Cull





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HOWARD COUNTY HEALTH DEPARTMENT

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Joyce M. Boyd, M.D., County Health Officer

July 7, 1995

FCOP ISSUED 5/10/2000

Altieri Homes  
7349 Gardenview Drive  
Elkridge, Maryland 21227

RE: Spring Valley Chase, Lot #53  
12124 Deer Haven Road  
Well Permit #HO-94-0544


Dear Sir:

At the time of the well yield test on the above referenced lot, the water sample taken showed an above normal nitrate-nitrogen concentration. At the time of the yield test, the nitrate-nitrogen concentration was 11.0 ppm. A copy of the test results is enclosed.

COMAR 26.04.04.09 prohibits approval of any water supply with a nitrate-nitrogen level greater than 10 parts per million. This problem is potentially correctable through the use of an acceptable nitrate treatment device. Approval of this water supply at the time of sampling for use and occupancy will depend on the proper installation of an acceptable nitrate treatment device and a maintenance agreement for the device.

If you have any questions relative to this matter, please call this office at (410) 313-2640. Thank you in advance for your time and cooperation.

Sincerely,

  
Donna K. Soe, Sanitarian  
Water and Sewerage Program

Enclosure

DKS

C1 2742

SEQUENCE NO. (MDE 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)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A 43986

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 062195

Depth of Well 500 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO 99 0544

OWNER Demmitt R. STREET OR RFD Deer Haven Rd TOWN West Friendship SUBDIVISION SPRING VALLEY CHASE SECTION LOT 53

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Entries: SAND (0-89), GRAY MICHA ROCK (89-500).

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL (Cement CM, Bentonite Clay BC) NO. OF BAGS 37 NO. OF POUNDS 3478

CASING RECORD

MAIN CASING TYPE PL Nominal diameter 6 Total depth of main casing 92

OTHER CASING (if used)

Table for other casing with columns for diameter and depth.

SCREEN RECORD

screen type or open hole (S, B, H) insert appropriate code below

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 24

DRILLERS SIGNATURE: Joseph P. Mayne

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO.

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

Table for well depth with columns for depth (nearest ft.) and rows for casing height (above/below land surface).

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 1.3 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 37 WHEN PUMPING 45.2 TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (YES/NO) TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29 CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

