

12/13/99 12pm
12/15/99 3:00
12/16/99 11:00
12:00

PERMIT

05-414210

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 513123

A 37815

DISTRICT _____

HOWARD COUNTY HEALTH DEPARTMENT

DATE 11-15-1999

BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 01/07/00

INDEXED

INSPECTOR DIS

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

ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 410-875-4197

SUBDIVISION Clearview Estates, Sec. II LOT 52 ROAD 12034 Misty Rise Court

PROPERTY OWNER Goodier Builders

ADDRESS _____

TOP SEAMED SEPTIC TANK	PUMPED SEPTIC SYSTEM PROPOSED
SEPTIC TANK CAPACITY <u>1250</u> GALLONS	INSTALL: Minimum 1-1250 GALLON TOP SEAMED PUMP CHAMBER.
NUMBER OF BEDROOMS <u>4</u>	NOTES: - Septic pump detail to be provided by installer prior to issuance of septic permit.
<u>240</u> SQUARE FEET PER BEDROOM	- Pump performance test is necessary prior to Health Department approval of pumped septic system.

LINEAR FEET OF TRENCH REQUIRED 320

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe. 115

LOCATION - Place distribution box 110 feet from ~~right~~ (227.51') lot line and 100 feet from the 107.29' front lot line, ~~(227.51')~~ as viewed from Sheppard's Lane. Install trenches on contour in both directions away from distribution box.

NOTES - ~~Not~~ trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

~~REMINDER TO ABANDON EXISTING WELL AND SEPTIC FOR EXISTING FARM HOUSE (SINCE DEMOLISHED)~~ WELL LOC NOT KNOWN

MANHOLE CLEANOUT REQUIRED AT SEPTIC TANK AND PUMP TANK - SRK 9/28/99 TO BE ON THIS LOT
OR 9/28/99-SRK MAINTAIN 100 FEET FROM WELL (H2) MR 9/28/99

PLANS APPROVED BY Ronald J. Pinkley/Mark E. Rifkin Revised DATE 9-09-1999

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)

BUILDING PERMIT SIGNED

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES) AND RETURNED

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

5601 800 147780 - DECK

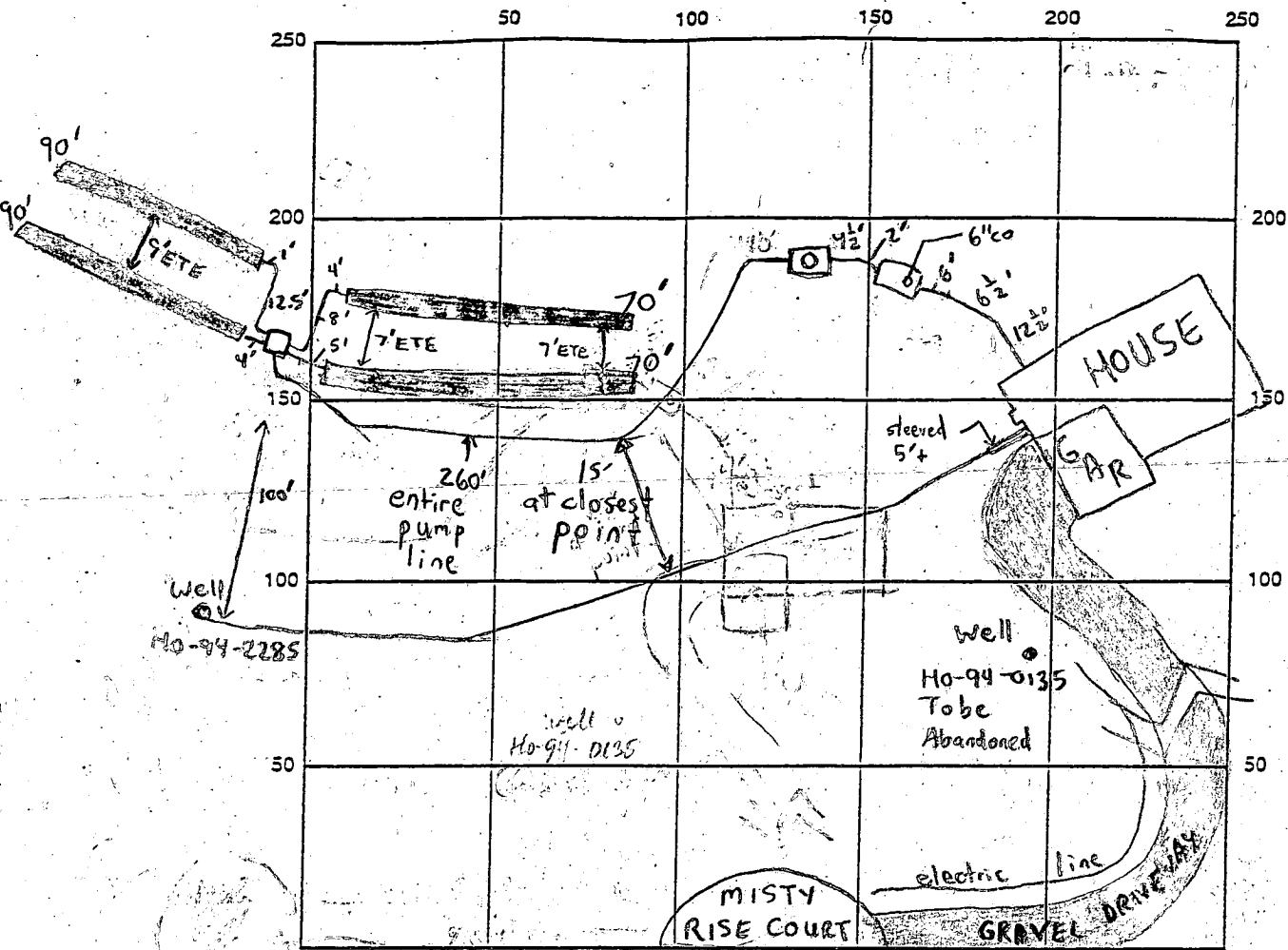
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

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**



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 gal Top Seamed Septic Tank
1500 gal Top Seamed Pump Chamber CLEANOUTS 6" ST, Man holes on Pump Chamber

DISTRIBUTION BOX LEVEL Baffle is in

DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 320 FT.

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 960 SQ. FT.

DRYWALL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

ABSORBENT AREA N/A SQ. FT.

REMARKS: Septic tank, pump chamber, Horse Connection OK to cover. RP 12/13/99
12/15/99 WPT OK, OK TO CONTINUE WORK - SRK 12/16/99 - PUMP TEST
REQUIRED FOR FINAL APPROVAL, OK TO COVER ALL WORK - SRK
01/07/00 FINAL APPROVAL - Pump performance test OK. DKS

DATE SYSTEM APPROVED 01/07/00 INSPECTOR [Signature]

Department of Planning and Zoning
Howard County, Maryland
Recommendations/Comments

Date: 5/5/99

Planning Board n/a Board of Appeals 6/22/99 Zoning Board _____

Petition No. BA 99-30V Map No. 29 Block 19 Parcel 52 Lot _____

Return comments by 5/31/99 to Comprehensive Planning and Zoning Administration.

Location of Property: Terminus of Misty Rise Court.

Applicant: Kenneth O. Sizemore

Applicant's Address: 125 Governors Way South, Queenstown, MD 21658

Owner: (if other than applicant) _____

Owner's Address: _____

Petition: A variance to reduce the required 200 foot lot width at the building restriction line to 160' for a dwelling

TO:

- _____ Department of Education
- _____ Bureau of Environmental Health
- _____ Development Engineering Division
- _____ Department of Inspections, Licenses and Permits
- _____ Department of Recreation and Parks
- _____ Department of Fire and Rescue Services
- _____ State Highway Administration
- _____ Sgt. Karen Shinham, Howard Cty. Police Dept.
- _____ James Irvin, Department of Public Works
- _____ MD Dept. of Human Resources, Fran Sterner (child day care)
- _____ Office on Aging, Barbara Harris (Senior Asst. Li)
- _____ Police Department, Animal Control, Brenda Purvis (kennels)

COMMENTS: No objection, contingent upon compliance with separation distance requirements between house and water well (30 feet).

Mark E. Reffler 5/13/99



HOWARD COUNTY HEALTH DEPARTMENT

Mary Sue Baker, MBA, Acting County Health Officer

May 13, 1999

Mr. Ken Sizemore
125 Governors Way South
Queenstown, MD 21658

RE: Well Issues
Clearview Estates, Lot 52
Misty Rise Court

Dear Mr. Sizemore:

This office had sent you a letter on April 27, 1999 detailing well flow problems as well as concerns regarding the existence of the farm well which predated the subdivision.

Although the substandard well flow is still an issue, you have suggested that if the previous farm well remains, its location is almost certainly on the adjacent occupied lot 53.

This office has determined that this scenario is the most likely, and therefore rescinds the requirement to document the abandonment of the farm well, as per the April 27 letter.

This office has also received a replacement well permit application for this lot. Please be advised that a site inspection will likely be conducted in the near future. Stakes marking proposed well locations and lot corners should be easily visible in the field.

Please call this office if you have any questions at (410) 313-2640.

Very truly yours,

Mark E. Rifkin
Mark E. Rifkin

Water and Sewerage Program

MR
cc: File



HOWARD COUNTY HEALTH DEPARTMENT

Mary Sue Baker, MBA, Acting County Health Officer

April 27, 1999

Mr. Ken Sizemore
125 Governors Way South
Queenstown, MD 21658

RE: Substandard Well Flow
Clearview Estates, Lot 52
Misty Rise Court

Dear Mr. Sizemore:

This office has received the driller's completion report for the well on the referenced property, but cannot approve the report and any subsequent building permit application at this time because of concerns about the inadequate flow rate of the well.

After hydrofracturing, the well originally produced a flow of 1.25 GPM in August, 1994. The completion report and recent pump test data sheet, which were received for review on April 12, 1999, indicate that the well's current flow is 0.83 gallons per minute. This flow is less than the required minimum flow of 1 GPM, as stated in Maryland Well Regulation COMAR 26.04.04.07P(1).

Although the yield in some low-flow wells can be improved with additional "development" or other steps by the driller, evidence suggests that the driller has previously attempted such actions.

The COMAR regulation allows two wells to be approved for concurrent use if each well has a documented flow of at least 0.5 GPM. This may be the best option for this lot. If you choose to pursue this option, please have your well driller submit a permit application along with a written description of your circumstances and justification for the request.

An additional question is whether the well which first existed on this lot (and predated the subdivision) was properly abandoned. No documentation to this effect is known to exist. Documentation of proper abandonment would be a prerequisite to any recommendation for building permit approval.

Please contact me at (410) 313-2640 if you have any questions. Thank you for your attention to these matters.

Very Truly Yours,

Mark E. Rifkin
Mark E. Rifkin, R.S.
Water & Sewerage Program

MR

cc: File

Easterday Well Drilling, Inc. Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits (410) 313-2640 Community Environmental Health Program (410) 313-2644
Director (410) 313-2642 TDD (410) 313-2323

NOT
REQ'D
AFTER
T/CW/OWNER
MR 5/3/99

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

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

A 37815

P _____

*10/17/86
perc OK'd pending
approved plan
(initials)*

DISTRICT _____

DATE 10/09/86
June 30, 1986

COMBINED WITH #43824

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 Conrad J. and Patricia Langenfelder Martha V. Langenfelder
11904 Clarksville Road 5511 Hamilton Avenue
ADDRESS Clarksville, Maryland 21029 PHONE Baltimore, Maryland 21206

PROPERTY LOCATION:

SUBDIVISION ~~Langenfelder Farm~~ Clearview Sec. 2 LOT NO. 43 3744 52

ROAD AND DESCRIPTION Maryland Route 108 and Shepherd Lane

SIZE OF LOT 3.0 AC. TYPE BLDG Residential
(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.

Steven Munday
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

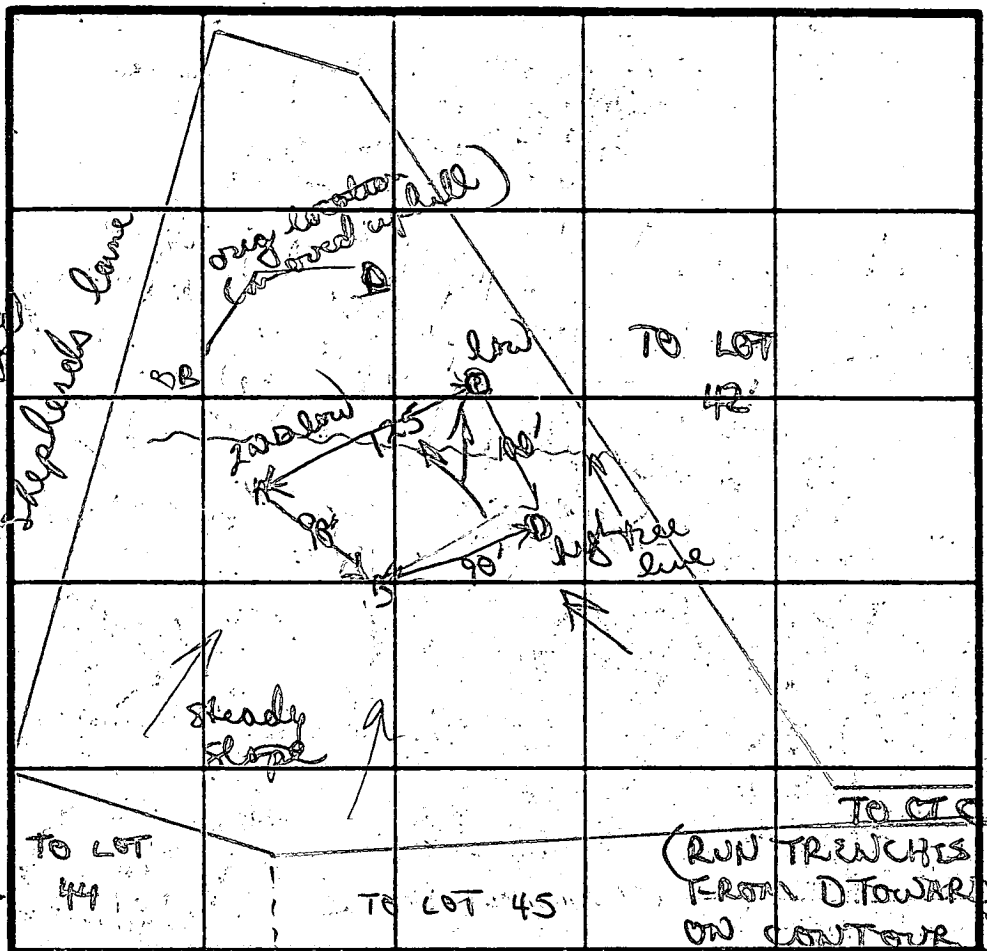
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for field located holes

THIS IS NOT A PERMIT

INLET 4"
 MAX DEPTH 8 1/2"
 190 / BDRM
 8 = 9+ MIN
 (A)
 SOIL PROFILE

Chester gravelly (silty / clayey) gravel to 4 1/2'
 tan silty loam
 traces of orange brown
 12 1/2' noted?
 13'D



D
 Chester manor (gravelly) w/ chunks red clay
 4 1/2'
 brown silty loam
 ↓ few scattered frags
 0' orange / brown silty loam w/ 10% weathered rock material

(C)
 orange / brown silty loam
 3'
 changing to powdery tan silty loam
 w/ small / egg hard rock
 10-20% from 2 1/2' - 9' D
 12'D
 B

Chester manor gravel
 orange brown 4'
 dark brown silty loam
 few scattered small frags
 12'D

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/17/80	A	4 1/2' S	120	132	132	158	26 MIN	
		13'D	bottom (see profile)					
	D	4 1/2' S	204	220	220	248	28 MIN	
		8' M	202	203	203	204	1 MIN	
		12 1/2' D	bottom (see profile)					
	C	3 1/2' S	127	129	129	131	2 MIN	
		8' M	128	129	129	130	1 MIN	
		12'D	bottom (see profile)					
	B	3' S	137	139	139	143	4 MIN	
		12'D	bottom (see profile)					

← would go farther if shelves a little deeper

REMARKS perc. field adjusted uphill
 TYPE OF SOIL Chester gravel manor loams, tan / brown silty loams, (red clays)
 TESTED BY B Nefen ALSO PRESENT Jane / Neal

Some w/ rock

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: WILLOUGHBY PLUMBING Telephone #: 410-781-7051
Address: 623 MAPLE BL
CLARKSVILLE, MD

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): CHRIS J. WILLOUGHBY License# LA92

*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: GOODER BUILDER Telephone #: 410-971-1250
Subdivision: LEAFVIEW ESTATES Lot #: 52 Well Tag #: HO 94-0135
Site Address: 1034 MIDWAY RISE CT
CLARKSVILLE, MD 21029 2285

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: JACOZZI Make: HARVARD Two piece watertight cap:
Model #: _____ Model#: _____ Screened, vented well cap:
Pump Capacity _____ GPM Depth: 90' (36" min) Cap secured to casing:
Well Yield: 1.2 GPM NSF approved: _____ Conduit min 18" B.G.:
Depth of well encountered at time of pump installation: _____ (feet) Conduit secured to well cap:
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors or Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt

Piping to house House Connection
Type: CUESLINE PVC sleeved to undisturbed soil at wall penetration:
PSI: 1 (160 psi min) Approximate length of sleeve: 4
Depth of supply line: (36" min) Sleeve caulked and sealed properly:

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Chris Willoughby 12/1/00
Signature of company representative responsible for installation date

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 12/15/99 Date Insp. Approved: 12/15/99 SRK
Inspection Data: Pitless adapter and water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope installed inside of well casing
Correct well tag attached properly and casing 8" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter

*Steve
Riv*

APPLICATION

PERCOLATION TESTING

A 43824

P _____

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

DISTRICT 5TH

DATE 3/17/89

~~PER~~ **WET SEASON**

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 CLEARVIEW ASSOCIATES LTD. c/o RANDALL CONSTRUCTION Co.

ADDRESS 5501 TWIN KNOLS Rd. SU. 102 COLUMBIA 21045 PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION CLEARVIEW ESTATES II LOT NO. 49 **REVISION TO EXISTING APPROVED PERCS.**

ROAD AND DESCRIPTION MISTY RISE COURT

TAX MAP 29:35 PARCEL 39:40

SIZE OF LOT 3.3 ACRES TYPE BLDG SFO
(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 Daniel J. Swalesy Jr. Randy Reiner
(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

943824

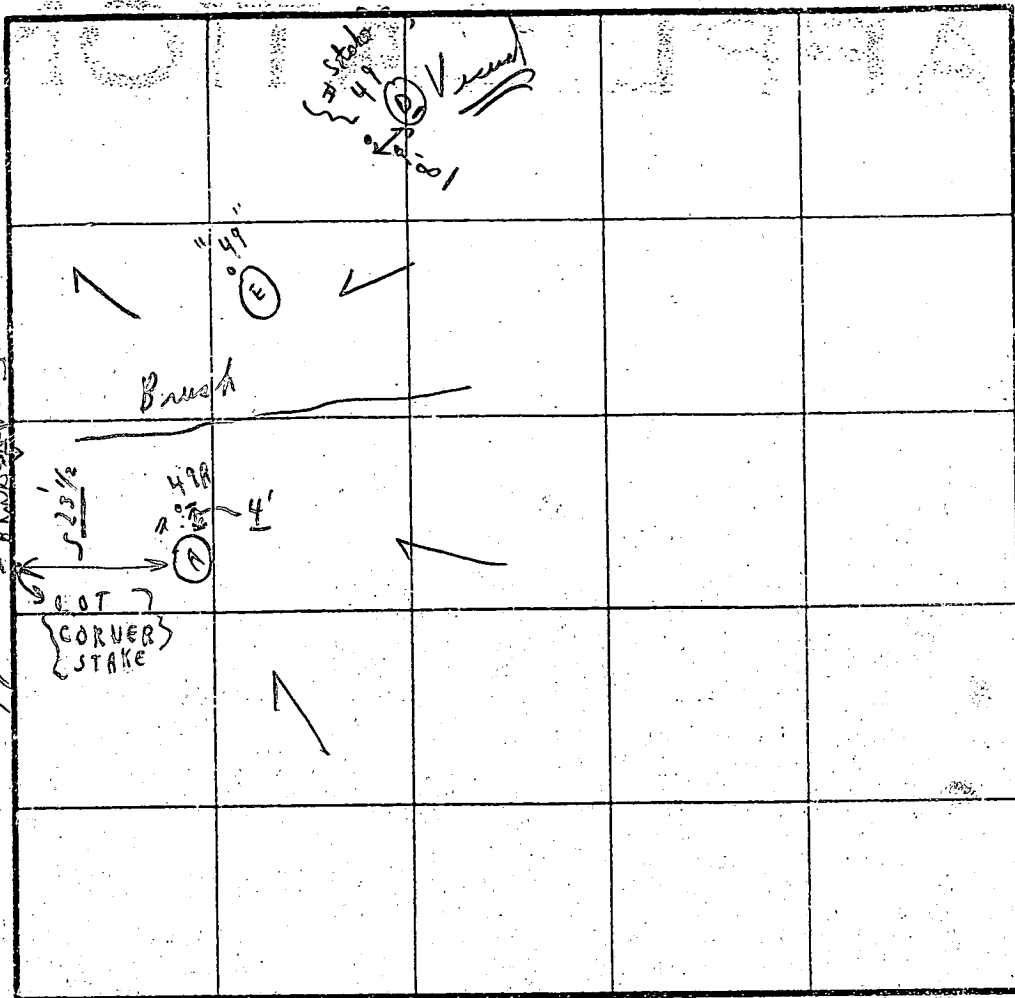
{ Revised #49 }

SOIL PROFILE

T. SOIL
CLAY
LOAM

BOTTOM
IN
HOLES

Sheppard Road



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

(RX 100 in this area)

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/29/89	49 stake	4'-10 1/2"	12:03	12:	little movement	12:12	XX
3/29/89	"A"	13' 8"	DRY	"LOAM"			
		5 1/2'	12:15	12:17	12:17	12:31	14 min
	49 hole at E stake	3 1/2'	12:18	12:20	12:20	12:23	3 min
		11 1/2' water	← WATER @ 11 1/2'				
	Visual	13 1/2'	1:	GOOD SOIL	1:		
	49 D		LOAM	3 1/2' to	13 1/2'	DRY	

1" - 5 1/2" CLAY TO LOAM = LOAM SANDY LOAM clay 1 - 3 1/2 3 1/2 - LOAM 1 1/2

EH-12-1079

REMARKS 3/29 Tests in open near Sheppard Road

TYPE OF SOIL Tests per stake

TESTED BY C. B. V.

ALSO PRESENT { Phil } art

Clearview Estates
Lot #52, Ken Sizemore
Well Summary

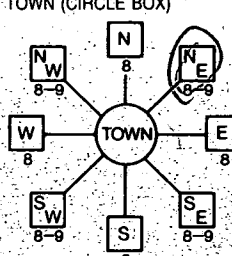

<u>No.</u>	<u>Well</u>	<u>Well Distance From Septic Area</u> (Approx)	<u>Comments</u>
1	Existing Well	150 ft from Septic on Lot #52	(Failed water flow test)
2	First dry well	200 ft from Septic on Lot #52	
3	Second dry well	275 ft from Septic on Lot #52	
→ 4	Proposed New Site (Up Near Entrance) (Road + Stream)	400 ft from Septic on Lot #52 280 ft from Septic on Lot #53 450 ft from Septic on Lot #57	(Across the Road from Husty Rise Court)
5	Site Near Sheppard Lane	200 ft from Septic on Lot #52	(Too close to the dry wells)
6	Site Near lot No. 53 + 54 Left Corner	110 ft from Septic on Lot #52 150 ft from Septic on Lot #54	(Building on lot #54 may have to be moved for 30 ft set back Existing Barn)

B 1 4029 SEQUENCE NO. (MDE USE ONLY) STATE OF MARYLAND PERMIT TO DRILL WELL please print or type STATE PERMIT NUMBER HO-94-2285
70 fill in this form completely 79

Date Received (APA) 05-12-99 OWNER INFORMATION
 8 MM DD YY 13
 15 Sizemore Last Name Owner Kenneth First Name 34
 36 125 Governor Way South Street or RFD 55
 57 Queens town Md. Town 70 State 21658 Zip 76

B 3 LOCATION OF WELL
 8 COUNTY Howard 21
 23 Clearview Estates SUBDIVISION 42
 SECTION 44 46 LOT 52 50
 52 Clarksville NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) 1 1/2 M. 73 76-77 78

DRILLER INFORMATION
 76 Joseph L. Mayne Driller's Name M S D Y License No. 81
 76 Joseph L. Mayne Well Drilling Firm Name
 76 5512 Ridge Rd. Mt. Airy Md. 21771 Address
 76 Joseph L. Mayne Signature Date 5/11/99

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

 11 Misty River Ct NEAR WHAT ROAD 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

 34 325 37 DISTANCE FROM ROAD FT
 ENTER FT OR MI 38 39
 TAX MAP 29 BLK 19 PARCEL 356

B 2 WELL INFORMATION
 7 2 APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, DEWATERING
 PUBLIC WATER SUPPLY WELL
 TEST, OBSERVATION, MONITORING
 GEO-THERMAL

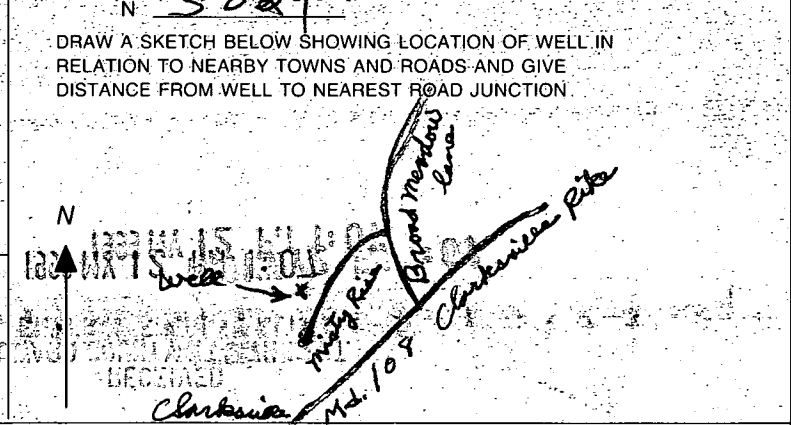
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard COUNTY NAME A37815 COUNTY NO.
 STATE SIGNATURE _____ INSERT S →
 DATE ISSUED 06 03 99 Mark E. Tullin 6/3/00
 43 MM DD YY 48 CO SIGNATURE EXP. DATE
 NORTH GRID 504 000 EAST GRID 0819 000
 50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET 24 28
 APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

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
 E 8189
 N 5084
 000
 000

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 30 AIR ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 37 CABLE REVerse-ROTary DRive-POINT
 other _____

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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 THIS WELL WILL DEEPEM AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52



Not to be filled in by driller (MDE OR COUNTY USE ONLY)
 APPROP. PERMIT NUMBER 54 _____ 63
 PERMIT No. HO-94-2285
 70 71 72 73 74 75 76 77 78 79

 WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: 12/29/99 (month/day/year)

Tag Returned & Destroyed (SRU)

* PERMIT NUMBER OF ABANDONED WELL (if any)

HO - 94 - 0135

* PERMIT NUMBER OF REPLACEMENT WELL

HO - 94 - 2285

* PERSON ABANDONING WELL: Joseph Wayne

WELL DRILLERS LICENSE NUMBER: 024

* OWNER'S NAME: Kenneth Sizemore

CIRCLE: MWD/MSD/MGD

* WELL LOCATION:
 COUNTY: Howard
 NEAREST TOWN: Clarksville
 TAX MAP: BLOCK _____ PARCEL _____
 SUBDIVISION: Clearview
 SECTION: _____ LOT: 52
 NEAREST ROAD: Misty Rise Ct

	+
0 0 0	
0 0 0	

SHOW WELL LOCATION BY X WITHIN BOX

MARYLAND GRID COORDINATES

BOX NUMBER
 E 810
 N 500

* TYPE OF WELL BEING ABANDONED:

- DRILLED
- BORED/AUGURED
- OTHER (specify) _____
- JETTED
- HAND DUG

* USE CODE:

- DOMESTIC
- IRRIGATION
- TEST/OBSERVATION
- MUNICIPAL/PUBLIC
- INDUSTRIAL

* TYPE OF CASING:

- STEEL
- CONCRETE
- PLASTIC
- OTHER (specify) _____

* SIZE OF CASING: 6 5/8 INCHES IN DIAMETER

* DEPTH OF WELL: 400 FEET DEEP

* WAS ANY CASING REMOVED? YES NO
 if yes, length removed, in feet: 6 ft.

* WAS CASING RIPPED OR PERFORATED? YES NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Cement	0	60
Washed gravel	60	400'

SIGNATURE - MASTER WELL DRILLER OR SUPERVISING SANITARIAN: Joseph Wayne LICENSE # 024 CIRCLE ONE: MWD/MSD/MGD DATE: 12/30/99

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 37815

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 080399

Depth of Well 400 (TO NEAREST FOOT)

PERMIT NO. FROM PERMIT TO DRILL WELL NC-94-C135

OWNER Smith Development last name first name TOWN Clarksville STREET OR RFD SUBDIVISION Clearview Estates SECTION LOT 62

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. Rows include Topsoil, Clayey Sand, Yellow Sandstone, Granite, Fractured Granite w/Br. Sandstone, Granite, Tan Sandstone, Granite.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL

CASING RECORD

MAIN CASING TYPE (ST) Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 40

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole (ST) BRASS BRONZE (BR) PLASTIC (PL) HO OPEN HOLE (HO) OTHER (OT) DEPTH (nearest ft.) 38 400

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"

DRILLERS IDENT. NO. 40

DRILLERS SIGNATURE (Wesley D...)

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

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

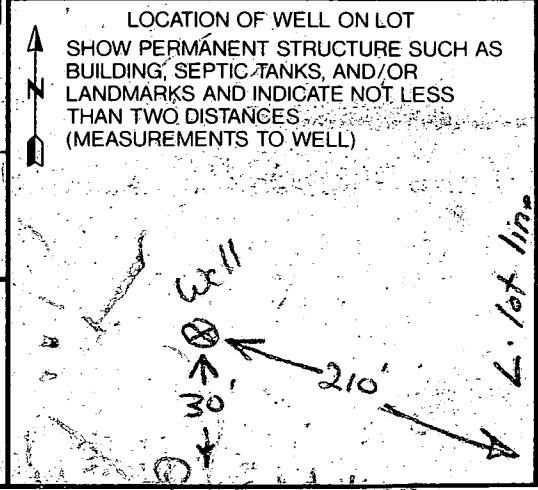
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 74-75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING 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

DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: 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



410-924-2175 / 2/1/99 WELL STAKES FOUND,

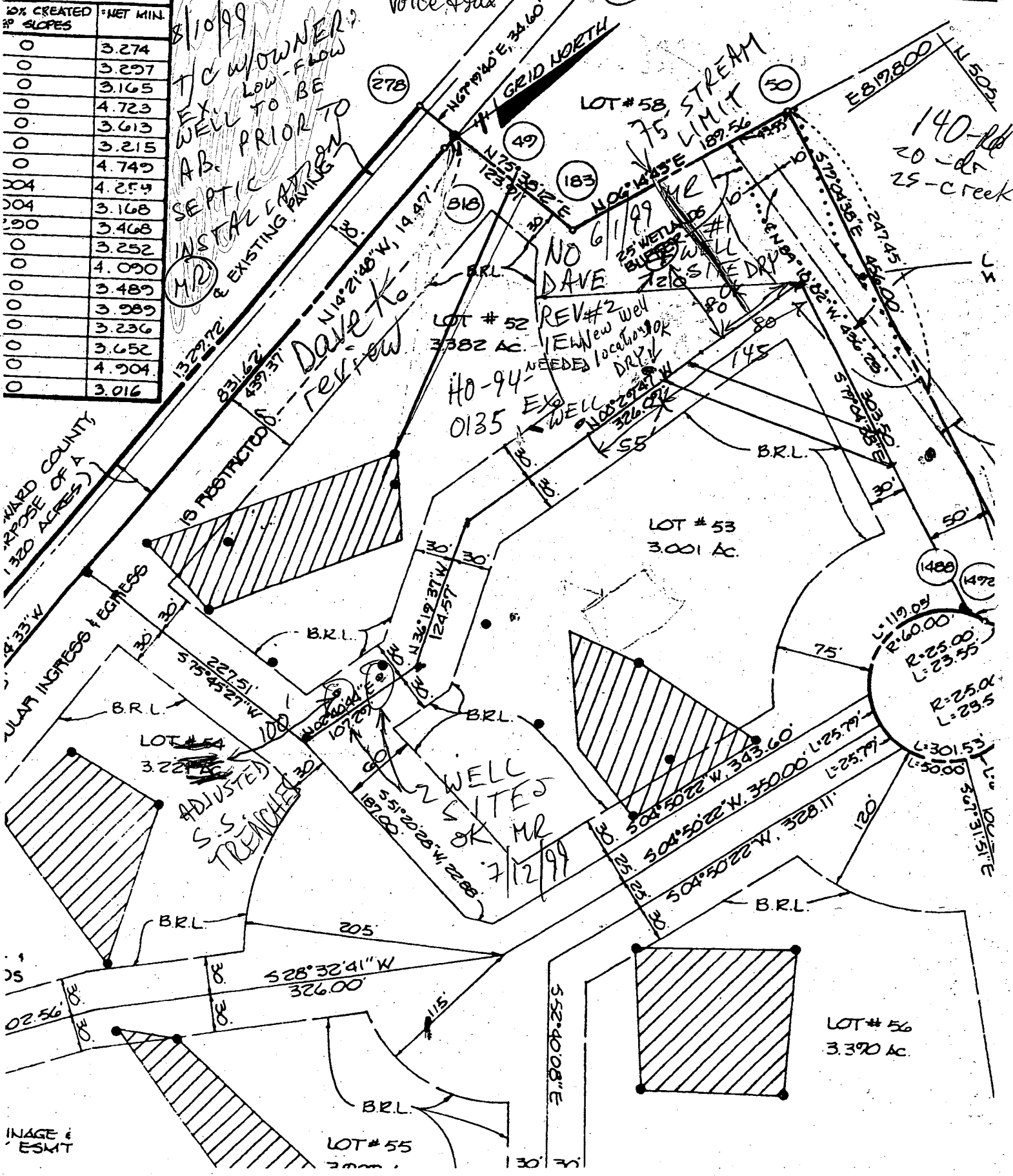
Mr. Sigmore 410-827-6510 (MR)

BUT NO LOT CORNERS OR LOT LINES; NO APPROVAL

Voice & fax

10% CREATED SLOPES	NET MIN.
0	3.274
00	3.297
000	3.165
0000	4.723
00000	3.613
000000	3.215
0000000	4.749
00000000	4.254
000000000	3.168
0000000000	3.468
00000000000	3.252
000000000000	4.090
0000000000000	3.489
00000000000000	3.989
000000000000000	3.236
0000000000000000	3.652
00000000000000000	4.904
000000000000000000	3.016

8/10/99
 T/C W/OWNER?
 EX. W/LOW-FLOW
 WELL TO BE
 PRIOR TO
 AB. SEPTIC
 INST. & EXISTING PAVING



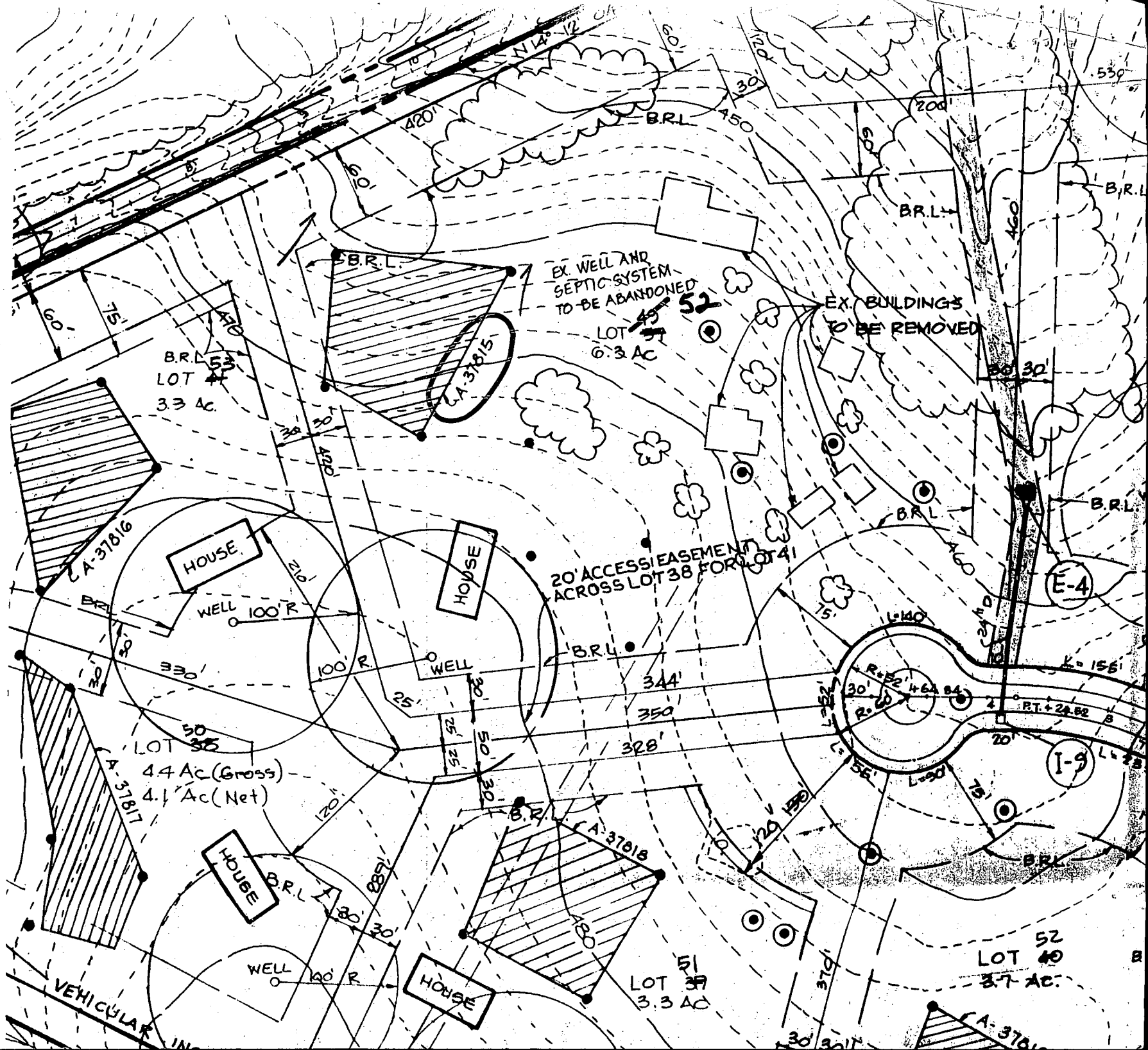
140-~~10~~
 20-~~10~~
 25-creek

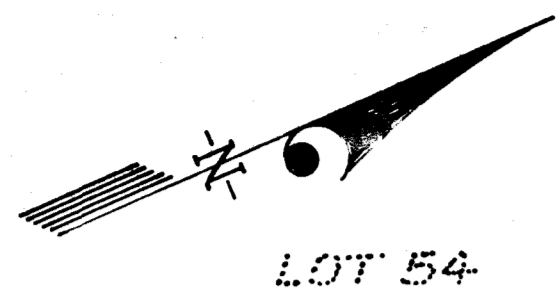
L: 119.09
 R: 26.00
 L: 23.55
 R: 25.0
 L: 29.5
 L: 30.53
 L: 50.00

IMAGE & ESMT

2-13-89

Signed
preliminary
Clearview
Estates
Section 2
P. 88-75

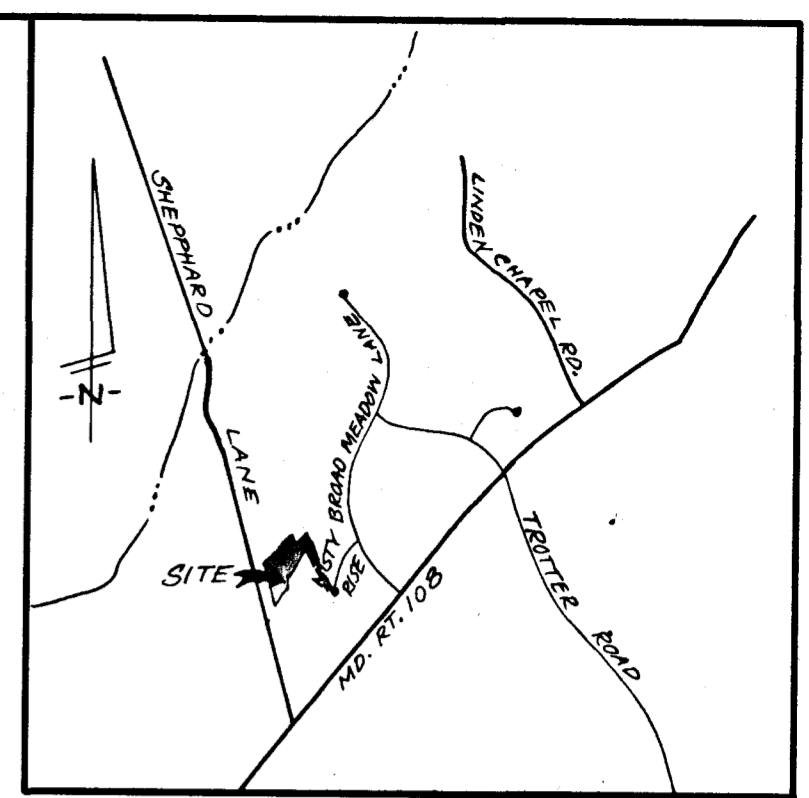




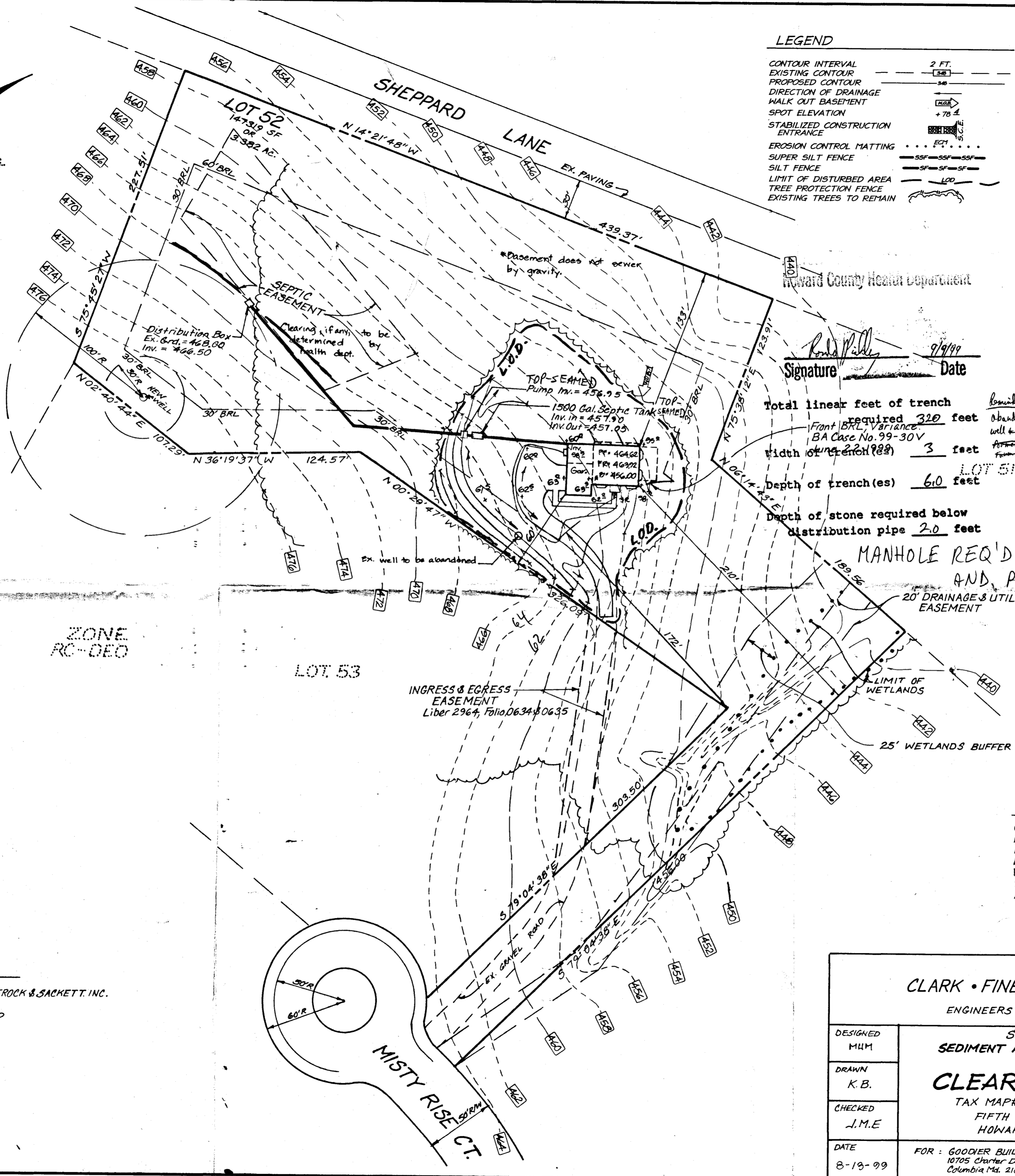
LOT 54

LEGEND

CONTOUR INTERVAL	2 FT.
EXISTING CONTOUR	---
PROPOSED CONTOUR	---
DIRECTION OF DRAINAGE	→
WALK-OUT-BASEMENT	→
SPOT ELEVATION	+ 78.4
STABILIZED CONSTRUCTION ENTRANCE	---
EROSION CONTROL MATTING	...
SUPER SILT FENCE	---
SILT FENCE	---
LIMIT OF DISTURBED AREA	---
TREE PROTECTION FENCE	---
EXISTING TREES TO REMAIN	---



VICINITY MAP
SCALE: 1"=2000'



Signature: *Ronald P. Sackett*
Date: 9/9/99

Total linear feet of trench required 320 feet
Front BRL Variance BA Case No. 99-30V
Width of trench(es) 3 feet
Depth of trench(es) 6.0 feet
Depth of stone required below distribution pipe 2.0 feet

Remember
Abandon and Seal existing well & septic system per former town ordinance from House Bill 99-99
AMENDED BY MR 9/13/99

LEGEND

CONTOUR INTERVAL	2 FT.
EXISTING CONTOUR	---
PROPOSED CONTOUR	---
DIRECTION OF DRAINAGE	→
WALK-OUT-BASEMENT	→
SPOT ELEVATION	+ 20.1
LIMIT OF DISTURBANCE	---

GENERAL NOTES

1. TOPO WAS FIELD RUN BY: CLARK, FINEFROCK & SACKETT, INC. ON: 6-14-94
2. LENGTH OF TRENCHES TO BE DETERMINED AT TIME OF PERMIT ISSUANCE.
3. DISTURBED AREA 21500 S.F.
4. RECORDED PLAT NO. 9711

CLARK • FINEFROCK • & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS

DESIGNED M.H.M.	SITE DEVELOPMENT, SEDIMENT AND EROSION CONTROL PLAN LOT 52 CLEARVIEW ESTATES TAX MAP# 29 & 35 PARCELS 39 & 40 FIFTH (5th) ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 50'
DRAWN K.B.		DRAWING 1 of 1
CHECKED J.M.E.		JOB NO. 99-116
DATE 8-19-99		FILE NO. 99-116 X

FOR: GOODIER BUILDERS INC.
18705 Charter Drive, Suite 320
Columbia Md. 21044