

11/9/94  
12-7 PM

Tax ID-05-414008

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50355

A 37789

DISTRICT 5th

DATE 10/25/94

HOWARD COUNTY HEALTH DEPARTMENT **INDEXED**

BUREAU OF ENVIRONMENTAL HEALTH  
~~XXXXXX~~ 313-2640

DATE SYSTEM APPROVED 11/9/94

INSPECTOR [Signature]

South Carroll Backhoe/Paul Schissler IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION Clearview Estates LOT 33 ROAD 12107 Duskview Court

PROPERTY OWNER ~~Goodier Builders~~ Groves

ADDRESS \_\_\_\_\_ **BUILDING PERMIT SIGNED**

SEPTIC TANK CAPACITY 1250 GALLONS **AND RETURNED**

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

*121601 BOULDER PLACE DECK*

**BLDG. PERMIT SIGNED AND RETURNED 5-14-97**  
*Serial # 20105484 - Pool.*

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 195 feet from rear (390') lot line and 80 feet from left (330') lot line as viewed from Dusk View Court. Install trenches on contour toward rear lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK 10/26/94 DKS*

PLANS APPROVED BY Ronald J. Pinkley DATE 5/26/92

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

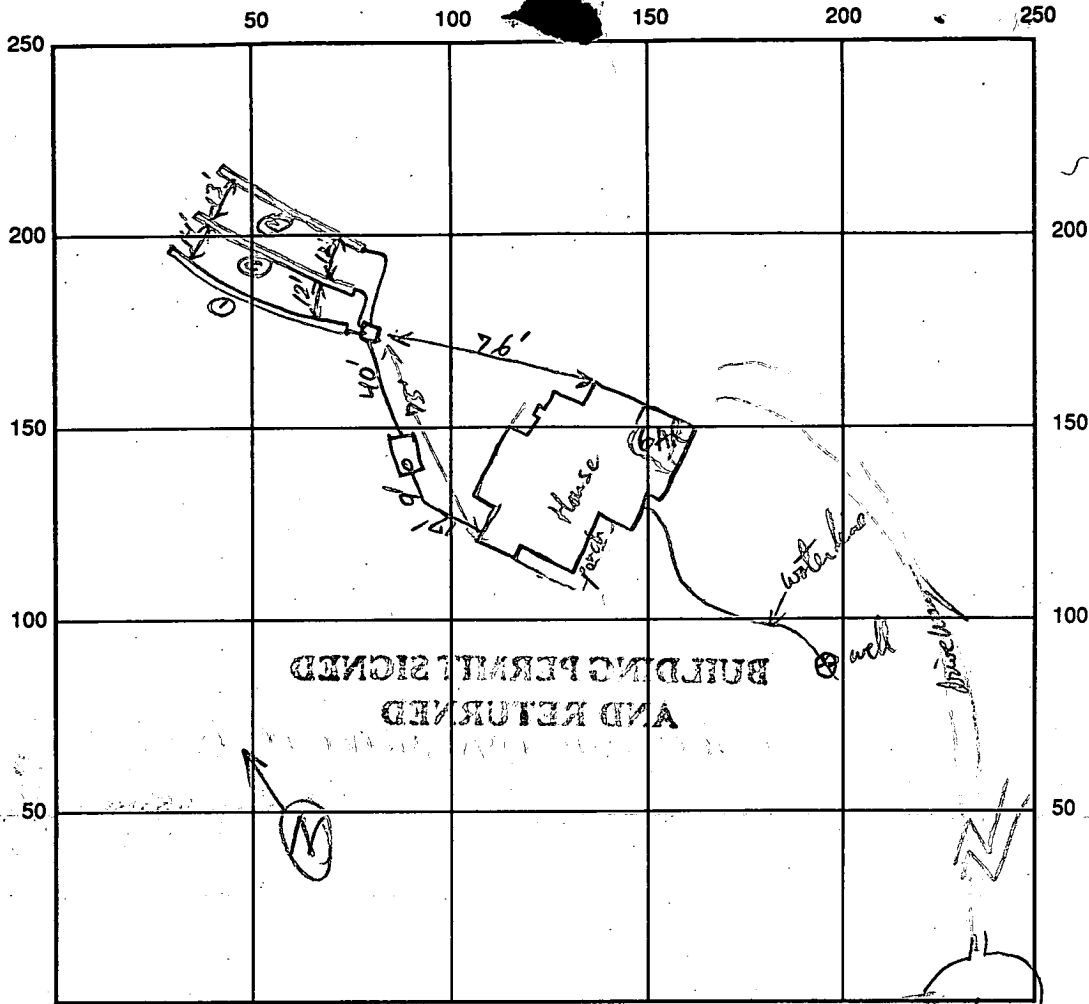
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

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**



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE *Dusty View Ct.*

SEPTIC TANK LEVEL 1500 gal ✓ CLEANOUTS S.T. ✓

DISTRIBUTION BOX LEVEL \_\_\_\_\_

DRAIN FIELD/TITLE DEPTH 5' FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 1/2/3 FT.  
Total 20/20/20

NUMBER OF TRENCHES 3 ~~ONE SIDEWALL~~/BOTTOM AREA 720 SQ. FT.

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

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

REMARKS: Trenches, DB, S.T., HSE complete all OK to cover RP 11/9/94

DATE SYSTEM APPROVED 11/9/94 INSPECTOR [Signature]

N 52° 19' 55" E  
390.00'

12107 Dusk View  
60 BRL

LOT 33

3.297 AC.

COURT  
CLARKSVILLE

N 52° 37' 16" W

SEPTIC AREA

EX. TREE LINE

DISTRIBUTION BOX  
EX. GROUND EL. 3960  
INVERT EL. 3931.0

1250 GAL SEPTIC TANK  
EX. GROUND EL. 3991.5

INV 3941.3

INV 3941.6

30' BRL

332.77'

402

30' BRL

386

388

390

160 BRL

392

11-15-94

Proposed deck  
location will have  
no impact to existing  
well or septic. OK  
to proceed.

Amy McMillen

N 10° 09' 20" E  
308.71'

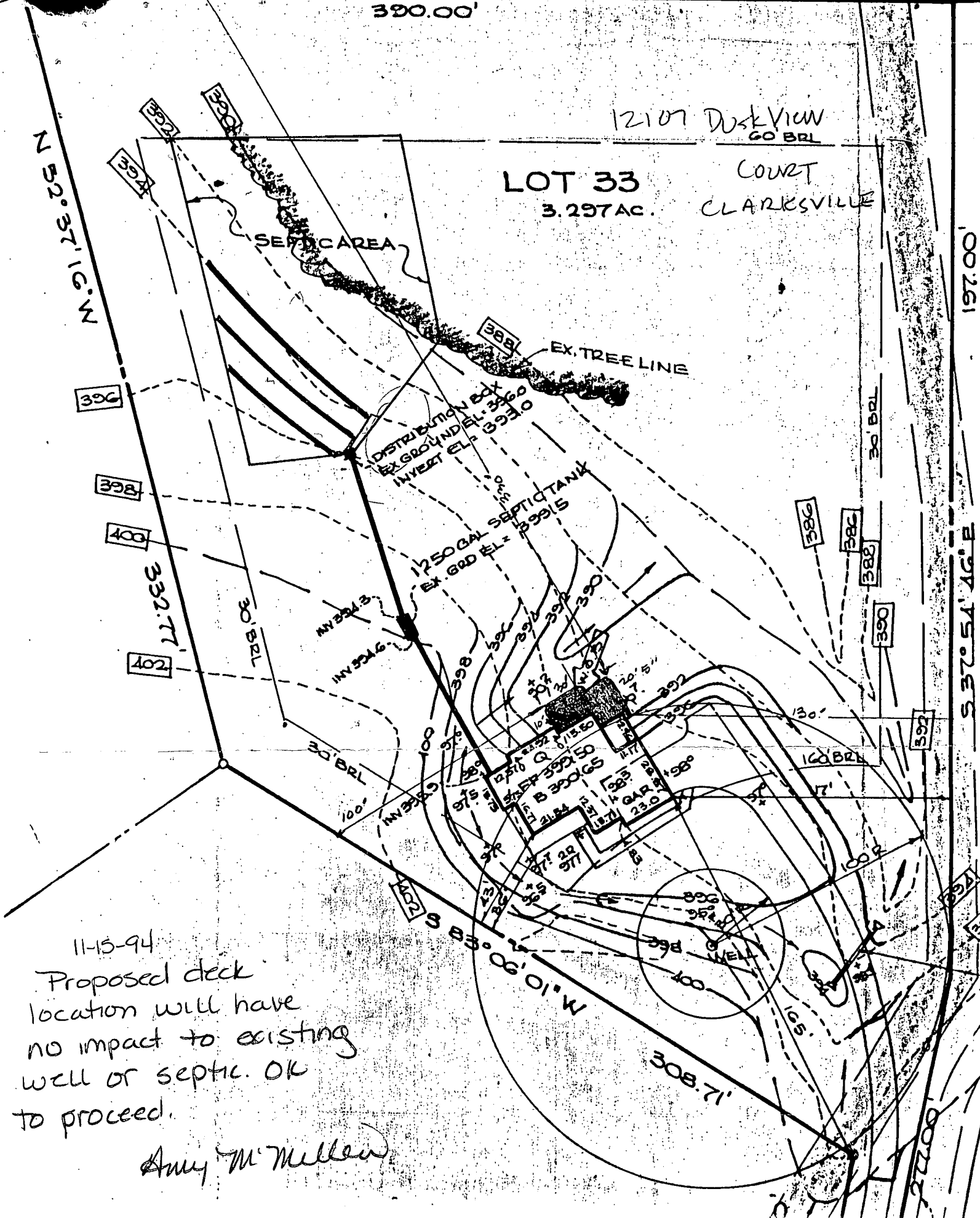
197.61'

S 37° 54' 16" E

456

458

402.22'



LOT 36

PROPERTY OF MALLAN REA JR.  
L. 588 F. 341

N 52° 19' 55" E  
390.00'

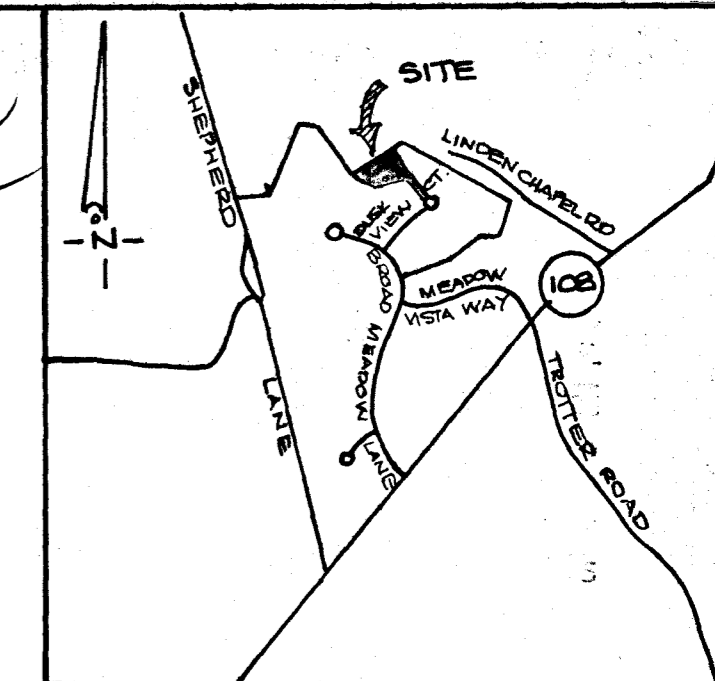
LOT 33  
3.297 AC.

N 52° 19' 55" E  
390.00'

LOT 35

LOT 32

NOTE  
BASEMENT DOES NOT  
SEWER BY GRAVITY

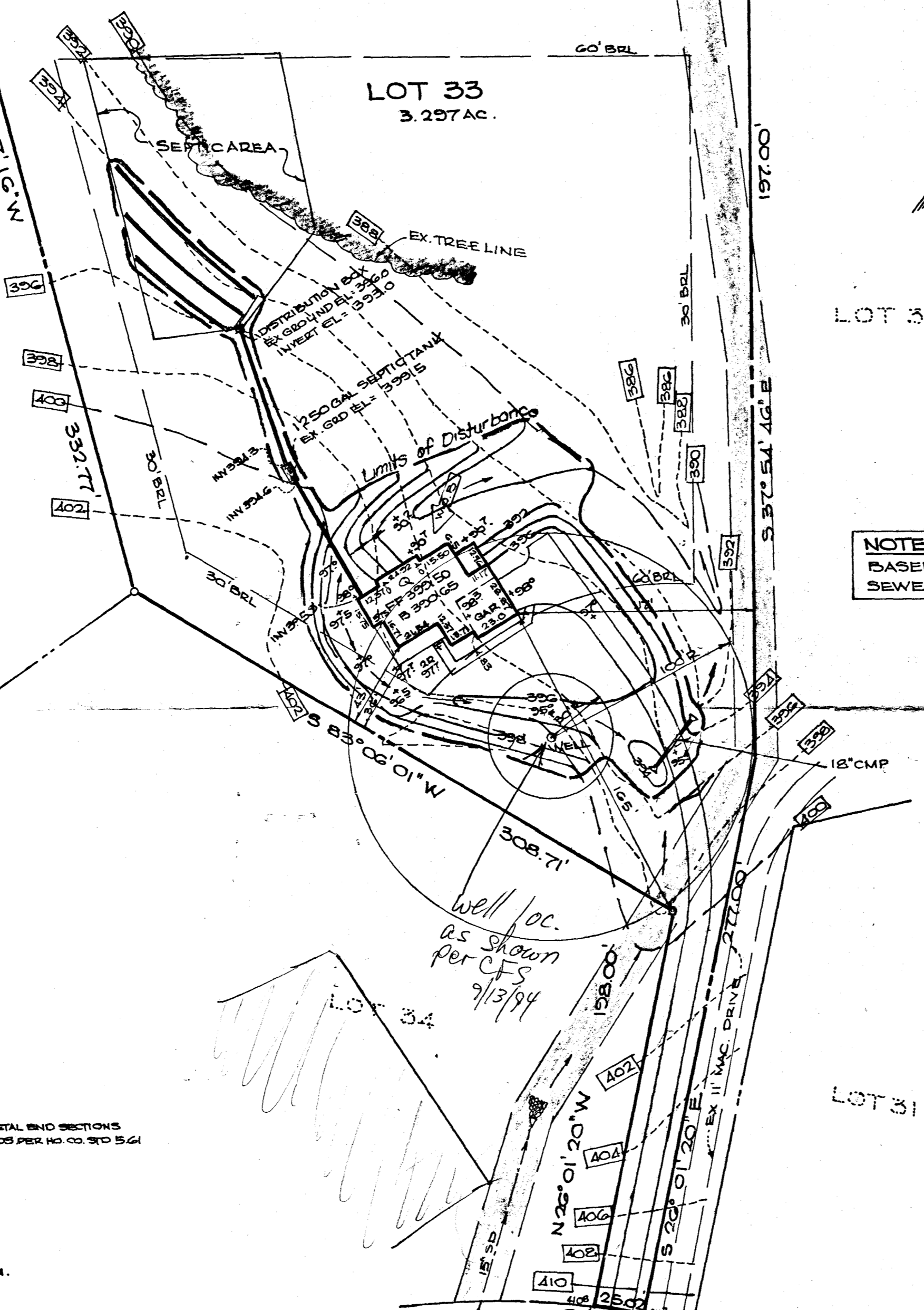
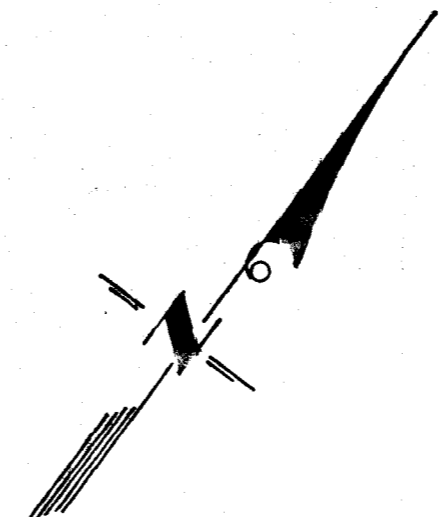


VICINITY MAP  
SCALE 1" = 2000'

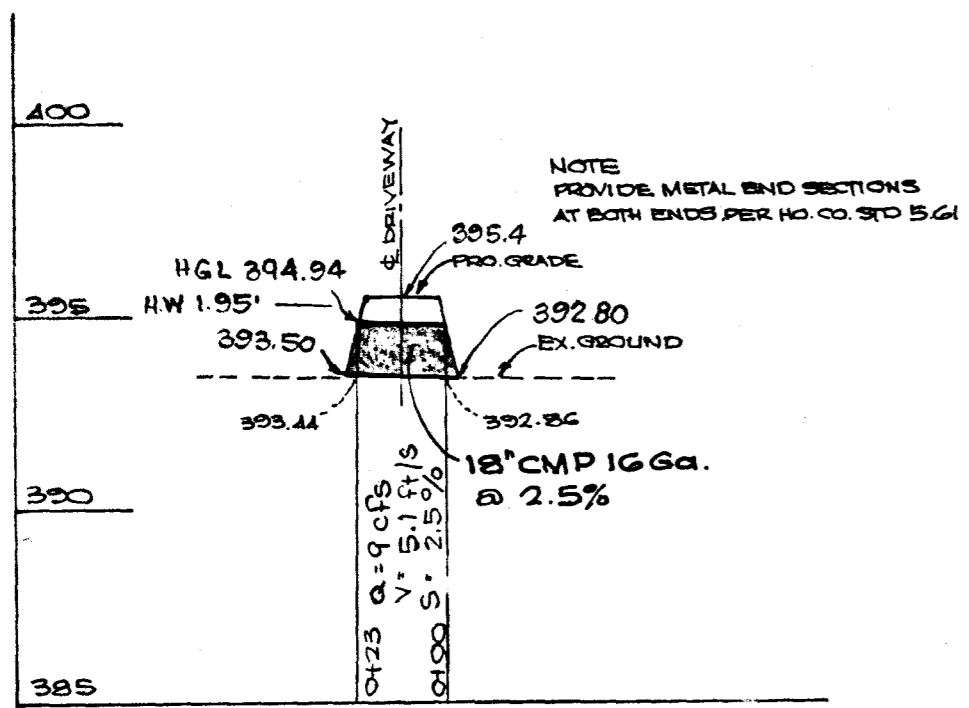
- GENERAL NOTES**
- EXISTING TOPOGRAPHY FIELD RUN BY CLARK FINEFROCK & SACKETT INC. G-21-94
  - LENGTH OF SEPTIC TRENCHES TO BE DETERMINED AT TIME OF PERMIT ISSUANCE
  - TOTAL NUMBER OF BEDROOMS = 4
  - REFERENCE PLAT NUMBER 971G

- LEGEND**
- CONTOUR INTERVAL 2 FT
  - EXISTING CONTOUR
  - PROPOSED CONTOUR
  - SPOT ELEVATION
  - DIRECTION OF DRAINAGE
  - WALK OUT BASEMENT

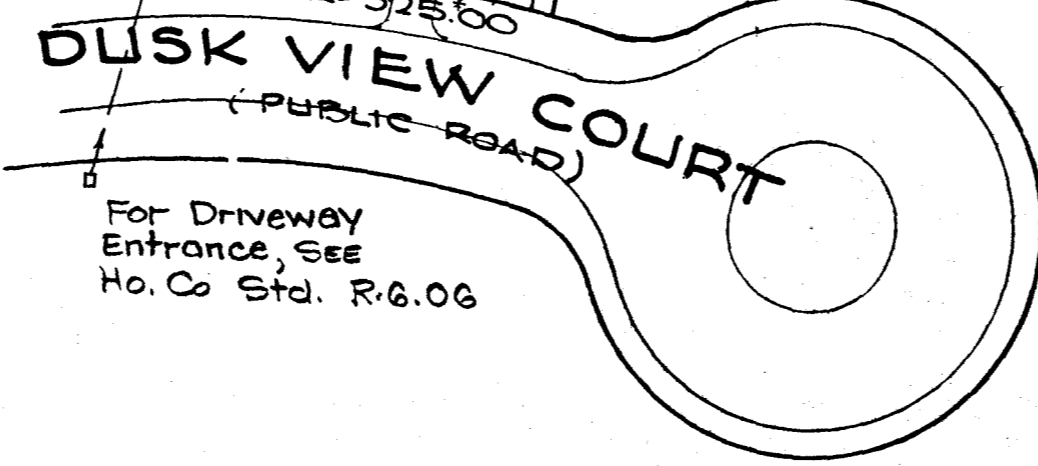
*Revised #55465*



*Well loc.  
as shown  
per CFS  
9/13/94*



DRIVEWAY CULVERT PROFILE  
SCALE HOR 1" = 50'  
VER 1" = 5'



For Driveway  
Entrance, See  
Ho. Co Std. R.G.06

**CLARK • FINEFROCK & SACKETT, INC.**  
ENGINEERS • PLANNERS • SURVEYORS  
7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 881-7500 BALTO • (301) 691-8100 WASH

DESIGNED R.M.T.	SITE DEVELOPMENT PLAN LOT 33 <b>CLEARVIEW ESTATES</b>	SCALE 1" = 50'
DRAWN R.M.T.		DRAWING 1 OF 1
CHECKED J.M.E.	SECTION TWO 5TH ELECTION DISTRICT HOWARD COUNTY, MARYL	JOB NO. 94-122
DATE 7/12/94	FOR: GOODIER BUILDERS INC. 5054 DORSEY HALL DRIVE - SUITE 205 ELLCOTT CITY, MD. 21042	FILE NO. 94-122 X

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 37789

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 10/09/86  
June 30, 1986

*10/28/86  
perc OK'd  
pending  
approval  
plat*

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 Goodlee Builders  
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 Est - Sec 2 LOT NO. 17 *New Lot-2133*

ROAD AND DESCRIPTION Maryland Route 108 and Shepherd Lane  
(12107 DYSKVIEW COURT)

SIZE OF LOT 3.6 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.

*Steve Murray*  
(SIGNATURE OF APPLICANT)

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

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

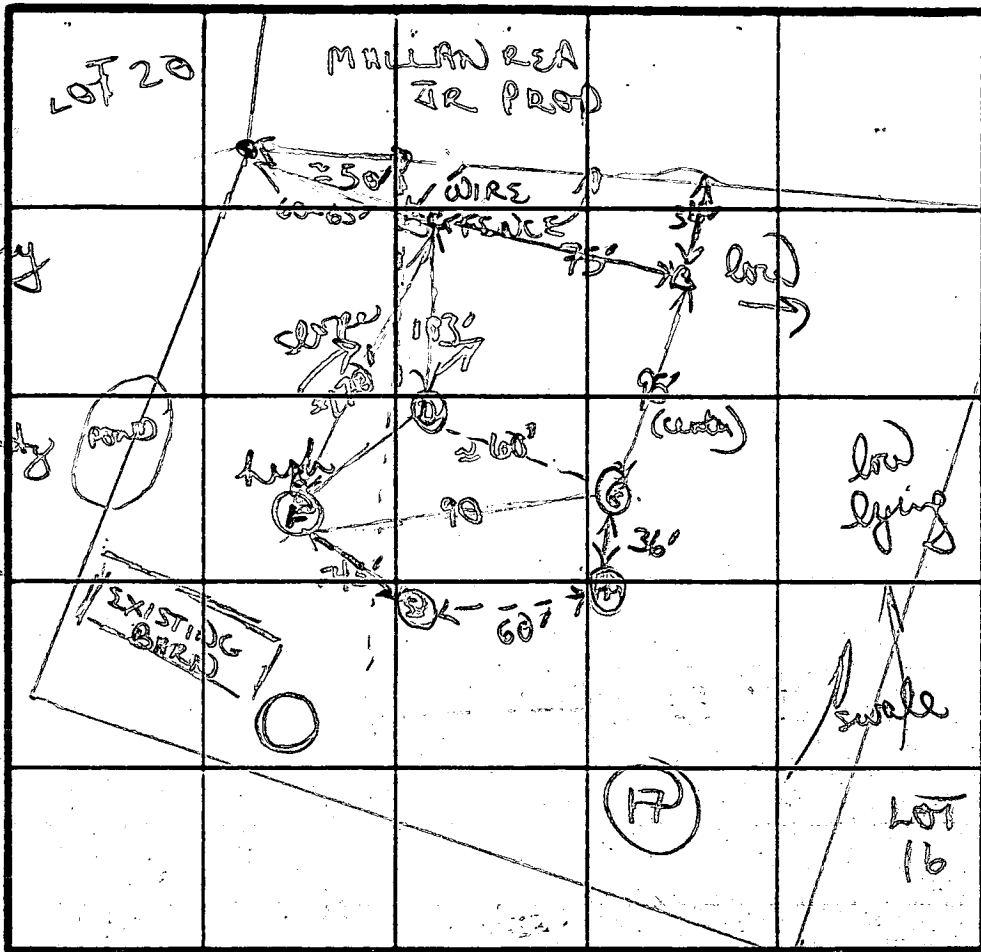
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING field located (good + bad) holes

BLDG. PERMIT SIGNED  
AND RETURNED 9/27/86  
Serial # 53465  
SFD - 4/13/86

# THIS IS NOT A PERMIT

A 37789



Ⓒ  
 AP 2015 3"  
 Dark brown/  
 tan brown  
 silty mic  
 clay (some  
 red clay)  
 4"  
 tan silty loam  
 10% small red  
 frags  
 9KD

B  
 Brown gritty  
 mixed with  
 hard red  
 chunky clay  
 4 1/2"  
 quickly to  
 tan powdery  
 silty loam  
 45% small  
 frags 10"

Ⓐ  
 SOIL PROFILE

0  
 Brown powdery  
 silty mic  
 clay loam  
 3"  
 layer of  
 small granular  
 gravel  
 brown to  
 tan brown  
 silty mic  
 clay  
 11  
 10-15%  
 weathered  
 material  
 12KD

tan silty  
 mic loam  
 2'  
 layers 10-20%  
 red frags  
 hard rock  
 ↓  
 hard loam  
 8'D

Ⓐ  
 similar  
 to E but  
 higher rock  
 content  
 13'  
 hard loam  
 7'D

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/28/20	F	4'S	210	211	211	212	1 MIN	
		12KD	bottom (see profile)					
	E	8'D	hard rock					
	H	8'D	hard rock					
	G	2'S	239	241	241	243	2 MIN	
		9KD	bottom (hard see profile)					
	B	4'S	234	237	237	241	4 MIN	
		12KD	bottom (see profile)					
	D	4'S	231	234	234	238	4 MIN	
		13'D	bottom (see profile)					

failed  
 failed  
 D  
 silty  
 loam  
 to light  
 silty  
 mic loam  
 10-15%  
 small/frag

REMARKS: SHALLOW SYSTEM DUE TO ROCK  
 Shifter perc. field - limited house & well sets  
 TYPE OF SOIL: silty mic loam, varying rock content  
 TESTED BY: B. W. Yuen  
 ALSO PRESENT: J. W. Neal 13'S

LOT 17<sup>33</sup> page  
 (2)

(C)

orange/yellow  
 gritty chunky  
 silty clay

4 1/2 S

8' M

45'

yellow to  
 tan powdery  
 silty mica  
 loam

< 10% small  
 frags indistinct

12' D

PRE  
 START

STOP

WET

START

STOP

TIME

253

259

259

307

7 MIN

253

254

254

256

2 MIN

bottom (see profile)

(A)

SITE INSPECTION SHEET

715-3246

796-3637

Realtor Jim Binsteter

10:00 AM

OWNER: Colleen Becker

DATE REQUESTED: 2/28/94

ADDRESS: 7722 Heather Side La

DRILLER:

EC 21043

WELL TAG # HO-73-2384

Clearview Estates  
~~SABIN BRANCH LOT 37~~

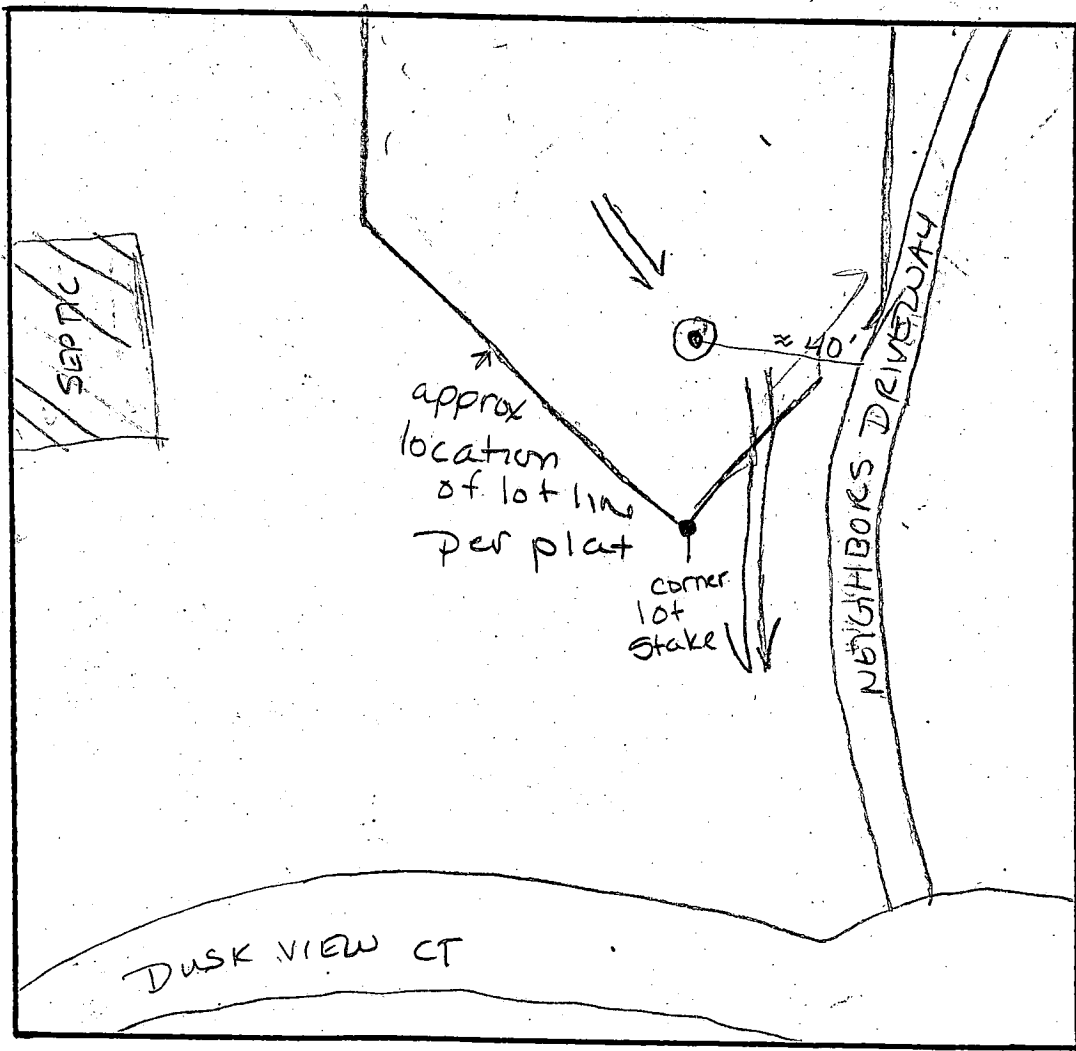
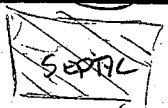
COUNTY #

PROPOSAL: Applicant proposes to use "IRRIGATION" well to serve new construction

sanitation to evaluate per attached criteria. (CW)

MEET OWNER AT END OF CT.

LOCATION DIAGRAM



COMMENTS: 2/28/94 location bad due to swale neighboring septic, has minimum <sup>to utilize</sup> ~~out~~ of casing only 160' deep. Suggested moving: told owner that they decided if the well it would be best to pump test it again, new casing to a greater depth and deepen the well. It'd ~~would~~ be their responsibility to prove potability to us.

DATE: 2/28/94

INSPECTOR: ALM/MR

**STATE OF MARYLAND**  
**WATER RESOURCES ADMINISTRATION**  
**TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401**  
**APPLICATION FOR PERMIT TO DRILL WELL**

WRA PERMIT NUMBER HO-79-147  
 FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY) 2/1/78

OWNER Sanjiv Chandra COL 15 LAST NAME Wellison COL. 34 FIRST NAME Rt. 108  
 STREET OR RFD 11907 C. ... COL. 36 FIRST NAME not Rt. 32 COL. 55  
 POST OFFICE ... COL. 57

**B 1 CONTINUED DRILLER INFORMATION**

DATE 1/1/78 LICENSE NUMBER 42 COL. 77 COL. 80

FIRST NAME ... DRILLER ... LAST NAME ...

SIGNATURE ...

**B 3 LOCATION OF WELL**

COUNTY ... (DO NOT ABBREVIATE COUNTY NAME) COL. 21

SUBDIVISION 23 COL. 23 COL. 42

SECTION 44 LOT 46 COL. 48 COL. 50

NEAREST TOWN Chesapeake COL. 52 COL. 71

MILES FROM TOWN (ENTER 0 IF IN TOWN) 1 COL. 75 COL. 76 COL. 77 COL. 78

**B 2 WELL INFORMATION**

MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 5 COL. 8 COL. 12

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 600 COL. 14 COL. 20

**B 4 DIRECTION FROM TOWN**  
(CIRCLE APPROPRIATE BOX)

NORTH  EAST  N.E. NORTHEAST  S.E. SOUTHEAST  
 SOUTH  WEST  N.W. NORTHWEST  S.W. SOUTHWEST

NEAR WHAT ROAD Rt 32

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  NORTH  SOUTH  EAST  WEST

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 200 COL. 34 COL. 37 COL. 38 COL. 39

**USE FOR WATER (CIRCLE APPROPRIATE BOX)**

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

FARMING, AGRICULTURE, IRRIGATION

INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.

MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL

PRIVATE WATER COMPANY }

TEST

APPROXIMATE DEPTH OF WELL 150 FEET COL. 24 COL. 26

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 DEEPEINED 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 DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) \_\_\_\_\_

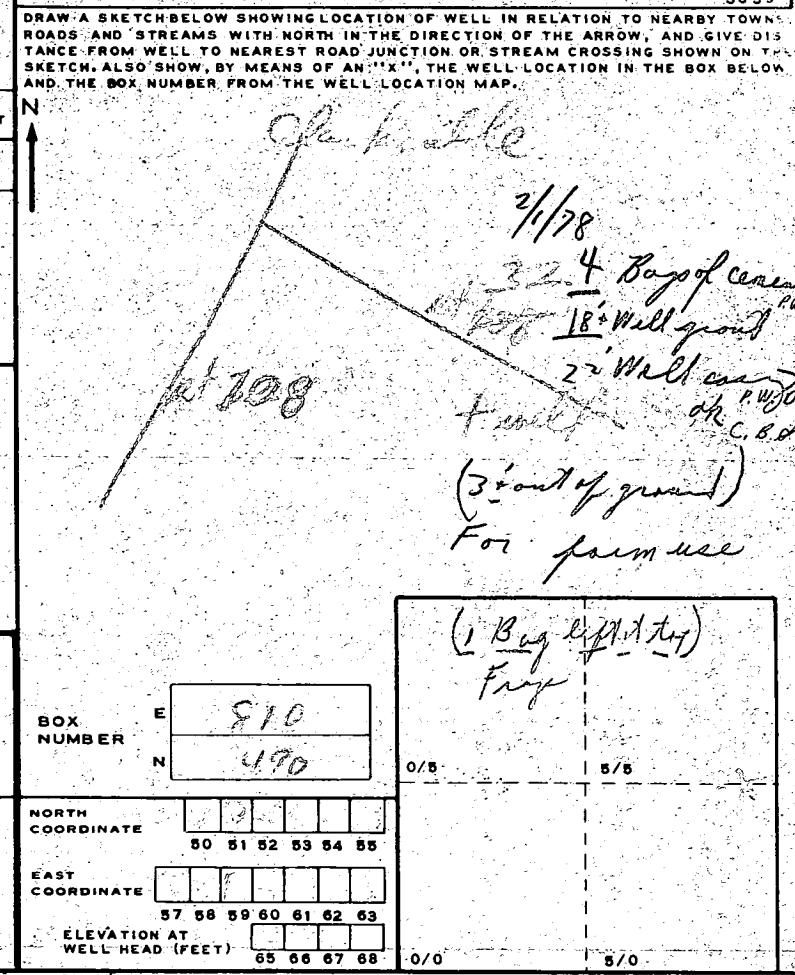
**NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)**

APPROPRIATION PERMIT NUMBER 54 ENGINEER REVIEW DISTRICT NO. 65

FORCE ... WRITE INITIALS IN BOX ... CONDITIONS ...

**B 4 CONTINUED HEALTH DEPARTMENT APPROVAL**

DATE 10/1/77 APPROVED BY Fred Prohacik, Sanitarian



**B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)**

1 2 3 (SEQ. NO.) 6

C 1 **6957** SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**STATE OF MARYLAND**  
**WATER RESOURCES ADMINISTRATION**  
 TAWES STATE OFFICE BLDG. ANNAPOLIS, MD. 21401  
**WELL COMPLETION REPORT**

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

**FILL IN THIS FORM COMPLETELY**

COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY) 2/2/78 DEPTH OF WELL 160 PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-23-2284

DATE WELL COMPLETED 2/2/78 (TO NEAREST FOOT) 26 28 29 30 31 32 33 34 35 36 37

8-13 15 20 DRILLERS IDENTIFICATION NO. 42

OWNER LANGENFELDER JR C. J. FIRST NAME  
 LAST NAME  
 STREET OR RFD 11904 CLARKSVILLE PIKE POST OFFICE CLARKSVILLE, MD. 21029

**WELL LOG**

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

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
TOP SOIL	0	2	
SANDY SANDSTONE	2	8	
SANDSTONE	8	40	✓
MICA	40	160	✓

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  Y  N

TYPE OF GROUTING MATERIAL (CIRCLE APPROPRIATE BOX)  
 CEMENT  CM  BC BENTONITE CLAY

NO. OF BAGS 4 NO. OF POUNDS 400

GALLONS OF WATER 20

DEPTH OF GROUT SEAL (TO NEAREST FOOT)  
 FROM 0 FT. TO 18 FT.  
 (ENTER 0 IF FROM SURFACE)

**CASING RECORD**

CASING TYPES (INSERT APPROPRIATE CODE BELOW)  
 S STEEL  C CONCRETE  
 P PLASTIC  O OTHER

MAIN CASING TYPE  S7 NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 22

**OTHER CASING (IF USED)**

EACH CASING	DIAMETER (INCH)	DEPTH (FEET)	
		FROM	TO

**SCREEN RECORD**

SCREEN TYPE OR OPEN HOLE (INSERT APPROPRIATE CODE BELOW)  
 S STEEL  BR BRASS OR BRONZE  HO OPEN HOLE  
 PL PLASTIC  O OTHER

**DEPTH (NEAREST WHOLE FOOT)**

EACH SCREEN

SCREEN NO.	FROM	TO
1	<u>10</u>	<u>160</u>
2		
3		

SLOT SIZE 1, 2, 3

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM TO

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX  F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)

70  72  74 75 76 OTHER DATA AVAILABLE

TELESCOPE CASING LOG INDICATOR

**PUMPING TEST**

HOURS PUMPED (TO NEAREST HOUR) 3

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 7

METHOD USED TO MEASURE PUMPING RATE bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)  
 BEFORE PUMPING 20 (NEAREST FOOT)  
 WHEN PUMPING 160 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)  
 A AIR  P PISTON  T TURBINE  
 C CENTRIFUGAL  R ROTARY  O OTHER (DESCRIBE BELOW)  
 J JET  S SUBMERSIBLE

**PUMP INSTALLED**

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

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)  Y  N

CAPACITY:  
 GALLONS PER MINUTE (TO NEAREST GALLON) 31 35  
 PUMP HORSE POWER 37 41  
 PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)  
 + ABOVE } LAND SURFACE (NEAREST FOOT)  
 - BELOW } 2

**CIRCLE APPROPRIATE BOXES**

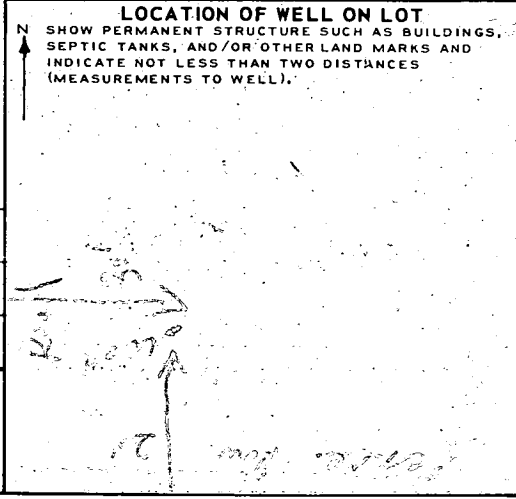
A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

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 NAME  
 (PLEASE PRINT) L.F. EASTERDAY  
 SIGNATURE L.F. Easterday







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## HOWARD COUNTY HEALTH DEPARTMENT

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

December 22, 1994

Mr. & Mrs. Doug Groves  
12107 Dusk View Court  
Clarksville, MD. 21229

RE: Clearview Estates, Lot 33

Dear Mr. & Mrs. Groves:

In response to a denial by our Water and Sewage Program to utilize an existing well on your above referenced property, a request was made to appeal that decision.

On December 21, 1994 a conference was held, followed by a visit to the property by Mr. M. Steven Appler, representing Goodier Builders, Mr. and Mrs. Doug Groves, the owners, and Frank Skinner, representing the Bureau of Environmental Health.

Mr. Appler provided copies of documents he had with respect to this property, for all in attendance.

I summarized the past history of the site, to the extent that the Health Department records could provide. The existing well was drilled in 1978 for a farming use - livestock watering. It was noted that farming/agricultural/irrigation wells are not subject to the same siting or testing and potability requirements as are wells for home use. In the late 1980's percolation tests were performed for the Clearview Estates subdivision. I indicated that the well siting criteria required certain distances and positioning from certain features such as lot lines, roads, septic systems and sources of pollution. These criteria are a part of the approval process that occurs upon creation of the subdivision, all approved lots have an area designated for disposal of sewage, and a suitable house site and well site that meets the siting criteria.

At the time the subdivision was recorded, in 1990, the location of the existing well was not known to us. There was a recollection by one of our staff regarding an attempt to locate the well via a conversation with the property owner - the owner of the hog farming operation, but at that time the owner thought the well was abandoned.

In early 1994, at the request of a potential buyer of lot 33, a realtor contacted this office regarding a proposal to use an existing irrigation well to serve new residential construction. Mark Rifkin's letter to Ms. Colleen Becker dated March 15, 1994 described our position on the use of the well (attached). In short, the best option was to drill a new well, if one wanted to pursue use of the existing well, water quantity and quality issues must be addressed as well as the issue of the well being located potentially downslope of the septic system for adjoining Lot 34.

Additional areas of discussion included our rationale for keeping wells used for homes out of areas prone to increased potential for contamination such as in drainage swales and directly downslope of sources of pollution; elevated nitrate levels from the existing well (HO-73-2384) and assumptions about their origin; water treatment devices; and the assumptions made about sewage or contaminated water as it flows or percolates to groundwater.

Copies of the appropriate COMAR Regulations dealing with well construction and the well siting criteria; procedure for conversions of test wells; and approval of well for use as a potable supply were discussed and given to you at that time.

A visit to Lot 33 to observe the current conditions revealed considerable change from the information submitted at the preliminary plan stage (circa 1986 or prior data). Extensive grading has been done in the area of the existing well. At least one pond has been filled in immediately adjacent to the well, that does provide a degree of surface water diversion around the well and channels surface flow into a drainage ditch/easement that parallels the driveway.

The drainfield on adjacent Lot 34 was discernible due to a difference in the vegetative growth atop the disposal trenches. They are located approximately in the middle of the approved sewage disposal area for the lot, about 175 to 200 feet away from the existing well on Lot 33.

In light of the above, our position with regard to this matter essentially remains the same, either a new well be drilled or several conditions must be met to ensure the long term reliability of the existing well. The exception being our withdrawal of our former request to provide documentation as to the whereabouts of the sewage disposal trenches on the adjoining Lot 34. These conditions are part of an approval process for the well and would provide you with a Certificate of Potability.

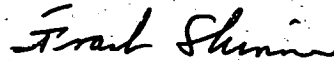
A Final Certificate Of Potability for the well issued under permit number HO-73-2384 will be granted subject to the following conditions:

1. Our receipt of a written request from you to convert this well from an agricultural use to a home (residential) use;
2. that also includes a request for a deviation from the well siting criteria and contains your rationale for the basis for a deviation;
3. further bacteriological testing, the first sample in two weeks time, if safe, another in two months time;

4. with an understanding that a continuous disinfection device may be needed dependent upon the outcome of the sampling; and
5. that all requirements for granting a permanent deviation to install a nitrate removal device have been met.

Should you have any questions regarding this matter please call me at 313-2645.

Sincerely,



Frank Skinner, Director  
Bureau of Environmental Health

fs

cc: Steve Appler



Mr. Frank Skinner, Director  
Bureau of Environmental Health,  
3525-H Ellicott Mills Drive,  
Ellicott City, Maryland 21043-4544

December 23, 1994

Dear Mr. Skinner,

I am writing to respectfully request that your office accept a deviation from customary well siting criteria.

Thank you for the time that you spent meeting with Doug & Joan Groves and myself on Wednesday, December 21. I believe it was helpful to all of us to have all matters discussed freely. It was especially helpful for you to meet with us at the Grove's new home following the conclusion of the meeting in your office. I believe that you were able to point out distinctive markings in the rear yard of the adjacent Lot 34 that clarified the probable location of that septic field in question.

The Groves' and I have several reasons to believe that a deviation from customary well siting criteria is warranted in this case:

- Current, "as-built" grading conditions do have the well sited more favorably than had been previously thought by members of your office based on information provided to them by the developer. There is drainage around the location of the well rather than directly into the location of the well as had been previously indicated.
- In good faith, Doug & Joan Groves and Goodier Builders have spent considerable effort, money and time attempting to satisfy various requests to verify the potability of the subject well. Recent bacteriological tests have indicated the presence of no coliform or fecal bacteria in the water. Nitrates were high, but were brought into compliance with minimum standards by the installation of a Nitrate filter on the Kitchen water tap. We are confident that future testing (within two weeks and again in two months) will further cement our feelings that this well is not in any more danger of contamination than a "normal" domestic well. So, as a result of these positive findings and the probability of continued acceptable water quality, deviation is warranted.
- Significant funds have also been spent to improve the well. Again, in good faith, those funds were spent in the effort to conform to requirements made by the Howard County Health Department as conditions to the ultimate acceptance of the well conversion. We verified yield and quality. Yield was certified at that beginning of this matter by L.F. Easterday Company. Bacteriological samples indicate that the water is acceptable.
- To upgrade the well to standards consistent with the size of the home on this lot, Mr. & Mrs. Groves contracted with Easterday to deepen the well another 160', providing a significant water storage reserve.
- Mr. & Mrs. Groves have already discussed this matter with various knowledgeable agencies and are comfortable with the use of this well as a potable water supply. They are prepared to install all necessary filtration and treatment equipment as necessary to insure their own piece of mind regarding the water that they and their children will consume.


Page 2 of 2 - Mr. Frank Skinner - RE: Lot 33 Clearview Estates

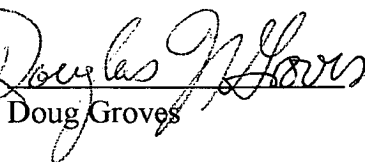
- Since several thousand dollars have already been spent to upgrade and convert this existing well, abandoning it and drilling a new well would be a severe financial hardship. As this property was formerly a farm, it has been suggested to us that it is likely that Nitrate levels will be high no matter where we would drill a new well. Drilling a new well, as you know, is no guarantee that a sufficient water source will be reached. As it is "hit-and-miss," the potential costs are beyond the reasonable hope that significant improvement may be gained over the use of the existing improved well.

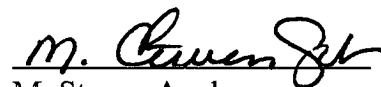
We truly believe that these factors, when weighed carefully, support the reasonable request that we have made to allow a deviation from normal policy in this case.

Thank you very much for the time that you have spent assisting us with this issue.

Respectfully,

  
Joan Groves

  
Doug Groves

  
M. Steven Appler  
Vice President Goodier  
Builders

CC: Robert Goodier, President Goodier Builders  
Joe Clair



GOODIER BUILDERS, INC.  
(410) 997-7400

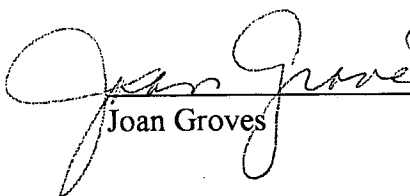
Mr. Frank Skinner, Director  
Bureau of Environmental Health,  
3525-H Ellicott Mills Drive,  
Ellicott City, Maryland 21043-4544

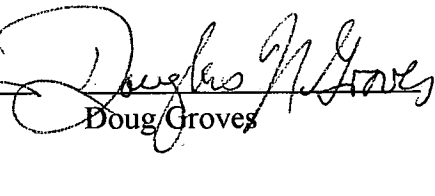
December 23, 1994


Thank you for your clear and complete explanation of your concerns regarding the well conversion issue at Lot 33, Clearview Estates. The buyers, Mr. and Mrs. Groves, and myself, representing Goodier Builders, do understand the issues involved.

On that basis we respectfully request that your office accept the conversion of this well from its former agricultural status to official domestic status.

Respectfully,

  
Joan Groves

  
Doug Groves

  
M. Steven Appler  
Vice President, Goodier  
Builders

CC: Robert C. Goodier, President, Goodier Builders  
Joe Clair, Superintendent



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## HOWARD COUNTY HEALTH DEPARTMENT

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

December 27, 1994

Mr. & Mrs. Doug Groves  
12107 Dusk View Court  
Clarksville, MD. 21229

RE: Clearview Estates, Lot 33

Dear Mr. & Mrs. Groves:

This office is in receipt of your requests dated December 23, 1994 to convert an existing well # HO-73-2384, from an agricultural to a domestic use; and for a deviation from customary well siting criteria.

Based on the information that you have recently submitted, and our discussion and visit to the above referenced property on December 21, 1994, we grant your request to convert the well in question to a domestic well.

A deviation to the well siting criteria is also granted subject to your fulfillment of requirements related to obtaining a Final Certificate of Potability, as outlined in my letter to you dated December 22, 1994 and reiterated below.

A Final Certificate Of Potability for the well issued under permit number HO-73-2384 will be granted subject to the following conditions:

1. Our receipt of a written request from you to convert this well from an agricultural use to a home (residential) use;
2. that also includes a request for a deviation from the well siting criteria and contains your rationale for the basis for a deviation;
3. further bacteriological testing, the first sample in two weeks time, if safe, another in two months time;
4. with an understanding that a continuous disinfection device may be needed dependent upon the outcome of the sampling; and

5. that all requirements for granting a permanent deviation to install a nitrate removal device have been met.

As of this writing, conditions 1 & 2 have been met.

Should you have any questions regarding this matter please call me at 313-2645.

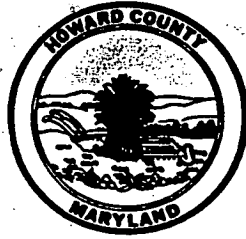
Sincerely,



Frank Skinner, Director  
Bureau of Environmental Health

fs

cc: Steve Appler



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## HOWARD COUNTY HEALTH DEPARTMENT

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

December 27, 1994

Mr. and Mrs. Doug Groves  
12107 Dusk View Court  
Clarksville, Maryland 21029

RE: Clearview Estates, Lot #33  
12107 Dusk View Court  
Well Permit #HO-73-2384

Dear Mr. and Mrs. Groves:

This is to advise you that the septic system was installed, inspected, and approved on November 9, 1994.

The water sample recently submitted for testing was free of coliform and fecal coliform bacteria at the time of sampling and is bacteriologically safe for drinking.

A nitrate sample result was previously reported to be 13.2 parts per million. A nitrate treatment device has been installed to treat the excessive nitrate contamination. The treatment device appears to be operating properly as evidenced by the sample taken December 12, 1994.

COMAR 26.04.04.09 prohibits approval of any water supply with a nitrate-nitrogen contaminant level in excess of 10 parts per million. This department will grant a Permanent Deviation to that section of the regulation on the condition that the nitrate removal system effectively maintains the nitrate-nitrogen contaminant level below 10 parts per million.

Furthermore, it will be necessary for you to comply with the following conditions:

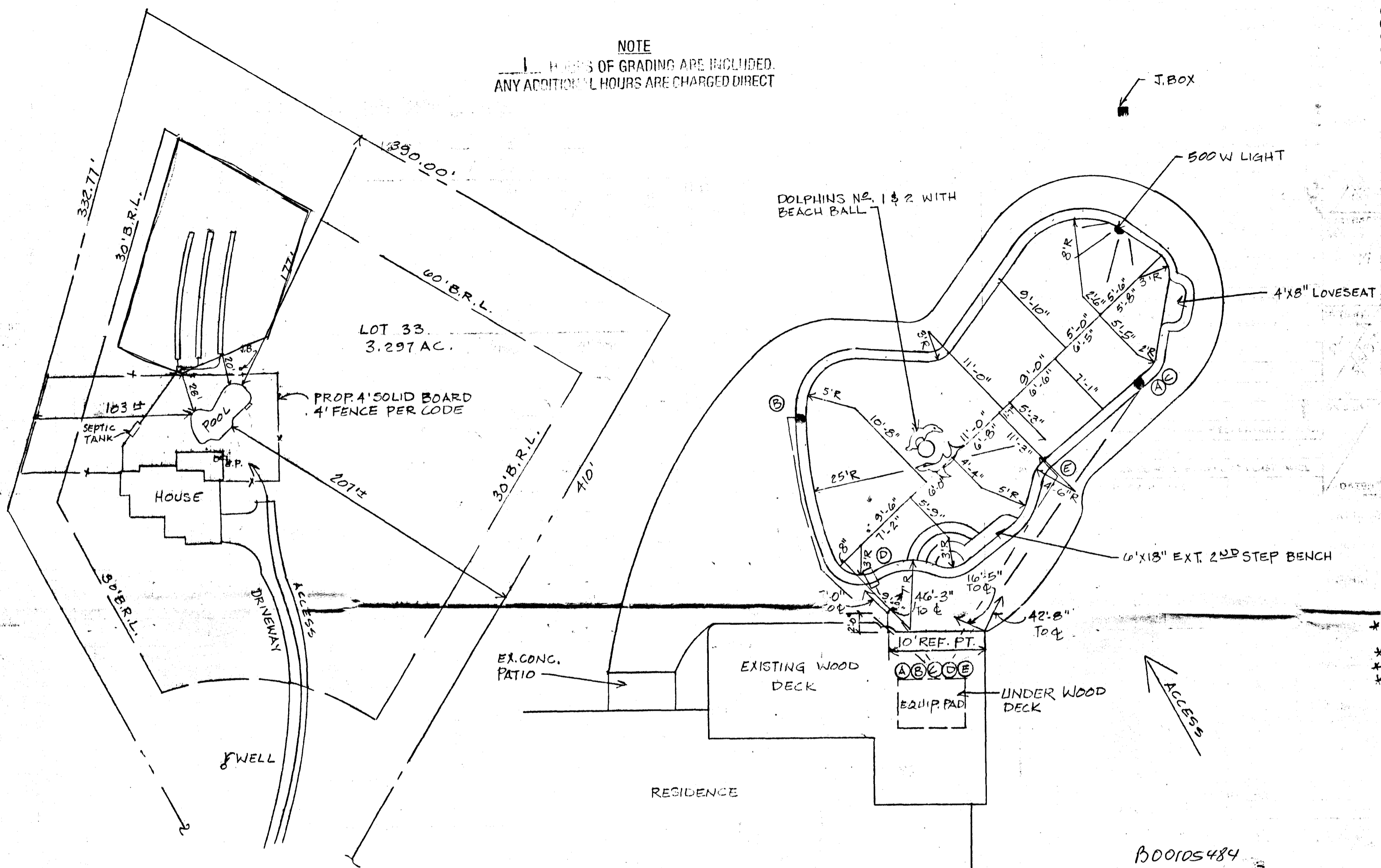
1. The system must be properly operated and maintained continuously, in accordance with the service contract for the life of the residence. You must supply this department with a copy of that contract.
2. It is recommended that a yearly nitrate analysis be performed.
3. If you decide to sell or rent the home in the future, you must notify any potential buyer/tenant of the above condition.

**PLUMBING SET BACKS**

Ⓐ SKIMMER	40'	1 1/2"	REAR	30'
Ⓑ SKIMMER	36'	1 1/2"	SIDE	30'
Ⓒ POOL BOTTOM DRAIN	40'	1 1/2"	HOUSE	-
Ⓓ RETURNS	15'	1 1/2"	EQUIP.	-
Ⓔ AUTO. CLEANER	29'	1 1/2"	FENCE	4'
Ⓕ SPA RETURN	-	-		
Ⓖ SPA BOTTOM DRAIN	-	-		
Ⓗ AIR LINE	-	-		

CITY WATER  
 WELL WATER  
 SEWER  
 SEPTIC

**NOTE**  
 1. HOURS OF GRADING ARE INCLUDED.  
 ANY ADDITIONAL HOURS ARE CHARGED DIRECT



**SYLVAN POOLS**

NAME: DOUG AND JOAN GROVES  
 SITE ADDRESS: 12107 DUSK VIEW COURT  
 CLARKSVILLE, MD. 21029  
 MAILING ADDRESS: SAME

RES. PH. (410) 531-2888 OFF. PH. (301) 927-9440  
 ACCT. NO. 97-036-120-3 MR. / MRS.

MODEL:			
POOL SHAPE	DEPTH 3' TO 7'		
WIDTH 25'	LENGTH 46'	PERIM.	
POOL SQ. FT. 750	STEPS 4 CLASSIC	SQ. FT.	
COZY CORNER - SQ. FT.	LOVE SEAT 4'x2'x8'	SQ. FT.	
SPA - SQ. FT.	TOTAL WATER 750	SQ. FT.	
CAPACITY (GAL.) 20,125	TURNOVER (HRS.) 5.2		
COPING 2" BULLNOSE W/BACK UP	TILE IRMA 11		
INT. FINISH WHITE PLASTER	ROPE + FLOATS		
FILTER 60 #	PUMP 1/2 H.P.		
SKIMMERS 2	RETURNS DUAL		
BOTTOM DRAIN DOUBLE	LADDER		
LIGHT POOL (1) 500	WATTS LIGHT SPA -	WATTS	
DIVING STAND -	BOARD LENGTH		
VACUUM KIT -	CLEANING KIT YES		
HEATER MODEL -	BTU'S -		
SELF-CLEANER RAY VAC			
INJECTORS SPA -	LOVE SEAT -	COZY CORNER -	
AIR BLOWER -			
SOLAR RECIRCULATING SYSTEM YES			
TEMPORARY FENCE -			
EXT. 2ND STEP YES	6 FT.		
WINTER COVER -			
2 MOSAIC TILE DOLPHINS IN BOTTOM OF POOL			
POOL #1 & #2 W BEACH BALL			
CLEAR VISION WATER PURIFIER			
800 # BRUSHED CONCRETE			
24 LINER FEET OF BRICK DIVIDERS			
CABLE + UTILITY NO.			

**SITE CONDITIONS**

GRADING: (1) HR. INC.  
 DIRT HAUL 20% DIRT LEAVE ON 80%  
 STUMPS: -  
 ELECTRIC BY: ANTHONY SYLVAN FENCE BY: OWNER  
 DECK BY: ANTHONY SYLVAN WALL BY: -  
 GAS LINE BY: - VENTED BY: -

ADDITIONAL NOTES:

CONST. OFF. LAUREL, MD. PH. NO. (410) 792-7772  
 SALESMAN D. PARKINSON MGR. M. DUFFY  
 SALES OFFICE SEVERNA PARK PH. NO. (410) 544-5623

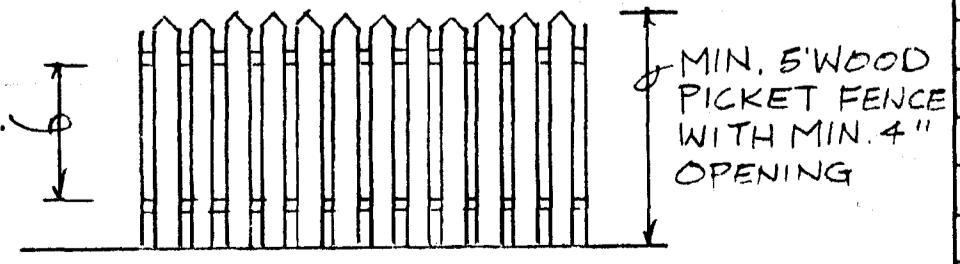
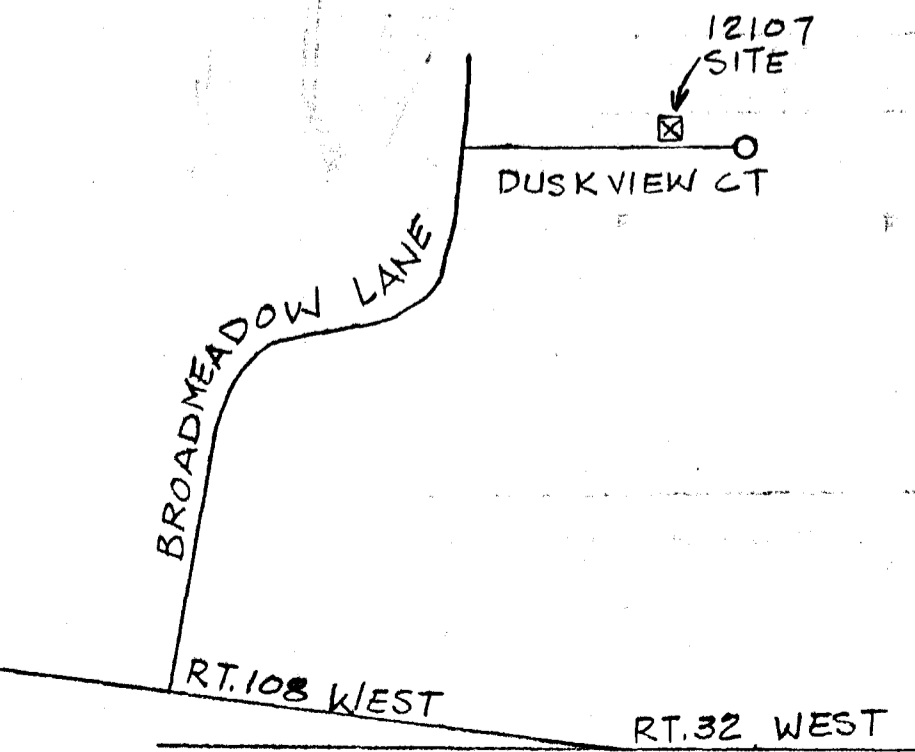
PERMIT OFFICE: ELLICOTT CITY COUNTY: HOWARD  
 PHONE NO.

**SPECIAL INSTRUCTIONS**

REVISION: 5/13/97 Ⓐ MOVE POOL Ⓑ CHANGE POOL MODEL Ⓒ CHANGE WIDTH OF POOL  
 Ⓓ CHANGE PLUMBING Ⓔ CHANGE PLOT PLAN

**REVISED DATE** 5/13/97

DUSKVIEW COURT  
 SCALE: 1" = 50'



FENCE DETAIL  
 N.T.S.

5/14/97  
 Proposed pool location meets minimum requirements for existing septic cesspools

B00105484  
 REVISED  
 Date: 5-14-97  
 Comments: Moved per Health

SCALE: 1/8" = 10" MAP PG. # 14 GRID # 64

DIRECTIONS:	FROM LAUREL	CONTRACT DATE:	4/9/97
1. TAKE RT. 32 WEST		DWN. BY:	P.S.M. 5/13/97
2. TO RT. 108 WEST		DATE:	
3. TURN LEFT ON BROAD MEADOW L.A.		OK'D BY:	
4. TURN RIGHT ON DUSKVIEW CT.	HOUSE ON LEFT.		
BUYER: TO DETERMINE APPROXIMATE ELEVATION OF POOL			
ON DAY OF EXCAVATION.			
BUYER: TO WET DOWN CONCRETE SHELL AT LEAST TWICE			
DAILY FOR SEVEN DAYS			

BSMT DOES NOT SEWER BY GRAVITY

APPROVED

WALK-THRU BUILDING PERMIT

BP# 00151545 A# 31789

APP. SAN P.A.Y DATE: 12-16-04

DESC. OF WORK: Rebuilding Pech  
tearing down old, building new,

CLEARVIEW  
LOT 33  
GOODIER.

DUSK VIEW COURT  
(PUBLIC ROAD)

Post-It Fax Note	7671	Date	1/16/05	# of pages	1
To	STEVE APPLER	From	BOB THOMSON	Co.	CF
Co./Dept	GOODIER	Phone #		Fax #	

*[Handwritten signature]*

