

WPI
1-13-98
1:17 PM
11 - later

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

05-438950

P 59294-A

A 58912

DISTRICT 5th

DATE 1-5-98

DATE SYSTEM APPROVED 1/14/98

INSPECTOR DKS

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 410-313-2640

INDEXED

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL X ALTER

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

SUBDIVISION Maple Lawn Farm LOT _____ ROAD 8281 8301 Murphy Road

PROPERTY OWNER Maple Lawn Farms, Inc. (Tenant House)

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 320

TRENCHES - Trench to be 2 feet wide. Inlet 5 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 5 feet below original grade. 3 feet of stone below distribution pipe.

LOCATION - Starting at the right front property corner go 135 feet to a point up the right (1307.94') lot line as viewed from Murphy Road. Place the distribution box 90 feet off that right lot line point. Install trenches on contour. First trench towards the right lot line, then in both directions from the distribution box. Field adjust to cut all 4 trenches to go on side of SDH (North side) nearest driveway R/P 1/13/98

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

OK KM 12/5/97

PLANS APPROVED BY Ronald J. Pinkley

DATE 11/14/97

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

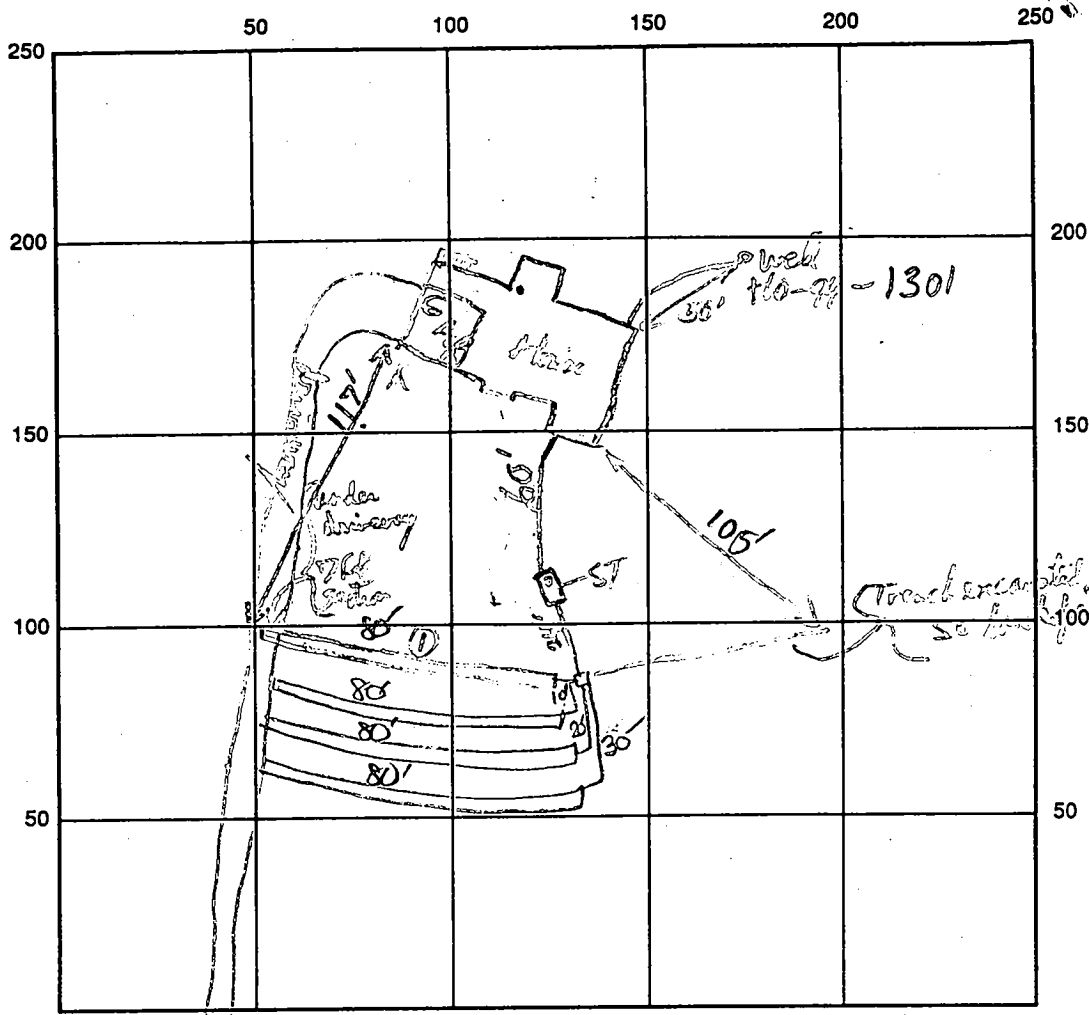
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A 58912

3
6
10'
375 cu ft

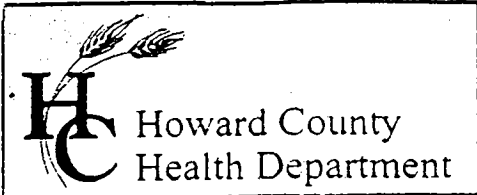


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 and not searched CLEANOUTS one on s.t.
 DISTRIBUTION BOX LEVEL OK
 DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 5 FT.
 EFFECTIVE GRAVEL DEPTH 3 FT. TOTAL LENGTH 4x80 FT. → 320'
 NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 960 SQ. FT.
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.
 ABSORBENT AREA 960 SQ. FT.

REMARKS: Home Connection OK, ST OK (not searched) OK to gravel fill trench #1 on North side, Don't know location. South Side Trench Not used at this time. Sunday for Review if possible. Contractor OK to place all 4 trenches on North Side unless someone all good ready here to follow in P.M. 1/13/98 First Trench covered OK 1/13/98 1/14/98 OK to stone trenches and continue. DKS 1/14/98 P.M. FINAL - OK TO COVER ALL WORK. DKS 1/14/98 OK to cover up 1/14/98

DATE SYSTEM APPROVED 1/14/98 INSPECTOR J. J. [Signature]

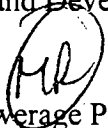


3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

June 9, 2003

TO: Cindy Hamilton, Chief
Division of Land Development

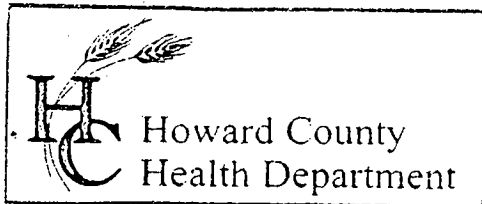
FROM: Mark Rifkin 
Water and Sewerage Program

RE: File Number: F-03-136
Title: Iager Property

The plat is eligible for signature, contingent upon the following corrections:

- 1) Correct the Health Officer signature block to reflect private sewerage systems.
- 2) Although General Note 2 contains the purpose statement previously requested, further review suggests additional refinement is needed. Please modify the last sentence of Note 2 to state: "...percolation testing is not required at the *original house (11595 Route 216)* on Parcel 113 due to its remote location."

MR




3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

March 25, 2003

TO: Cindy Hamilton, Chief
Division of Land Development

FROM: Mark Rifkin 
Water and Sewerage Program

RE: File Number: F-03-136
Title: 8281 Murphy Road

The document is approvable, contingent upon the following corrections/additions:

- 1) Add the following standard MDE sewage easement statement (preface the statement with a graphic reference to the proposed sewage easement):

This area designates a private sewage easement of at least 10,000 square feet as required by the Maryland Department of Environment for individual sewage disposal. Improvements of any nature in this area are restricted. This easement shall become null and void upon connection to a public sewerage system. The County Health Officer shall have authority to grant adjustments to the private sewage easement. Recordation of a revised sewage easement shall not be necessary.

- 2) Add the following standard MDE lot width statement:

The lot(s) shown hereon complies/comply with the minimum ownership width and lot area as required by the Maryland Department of Environment.

- 3) Add a purpose statement, referencing the creation of a lot around an existing tenant house. Mention that the Health Department determined that percolation testing was not required at the existing house on Parcel 113 due to its remote location.
- 4) Change the signature block to reference private water and private sewerage systems.

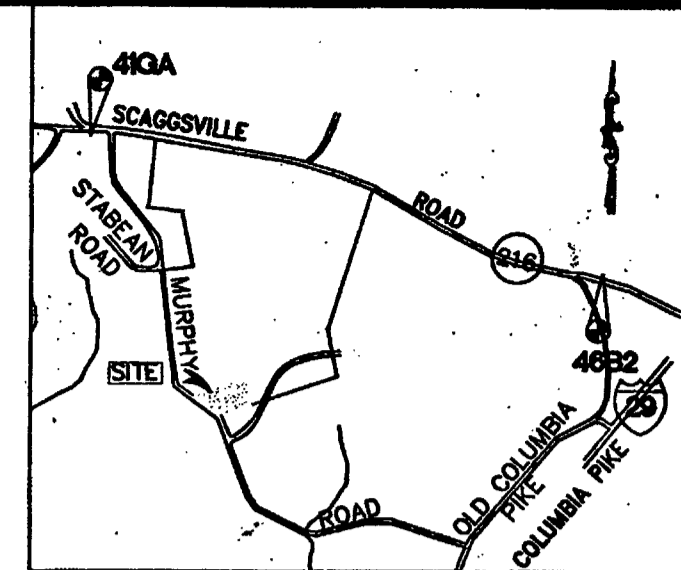
MR

COORDINATE TABLE		
POINT	NORTHING	EASTING
1002	537556.9047	1335572.6333
1003	537716.1903	1335370.4286
1004	537937.3506	1336050.4351
1005	537733.8292	1336116.6269

LEGEND

- IRON PIPE SET
- STONE FOUND
- ▭ DEDICATION TO COUNTY
- ▨ PRIVATE SEWERAGE EASEMENT*

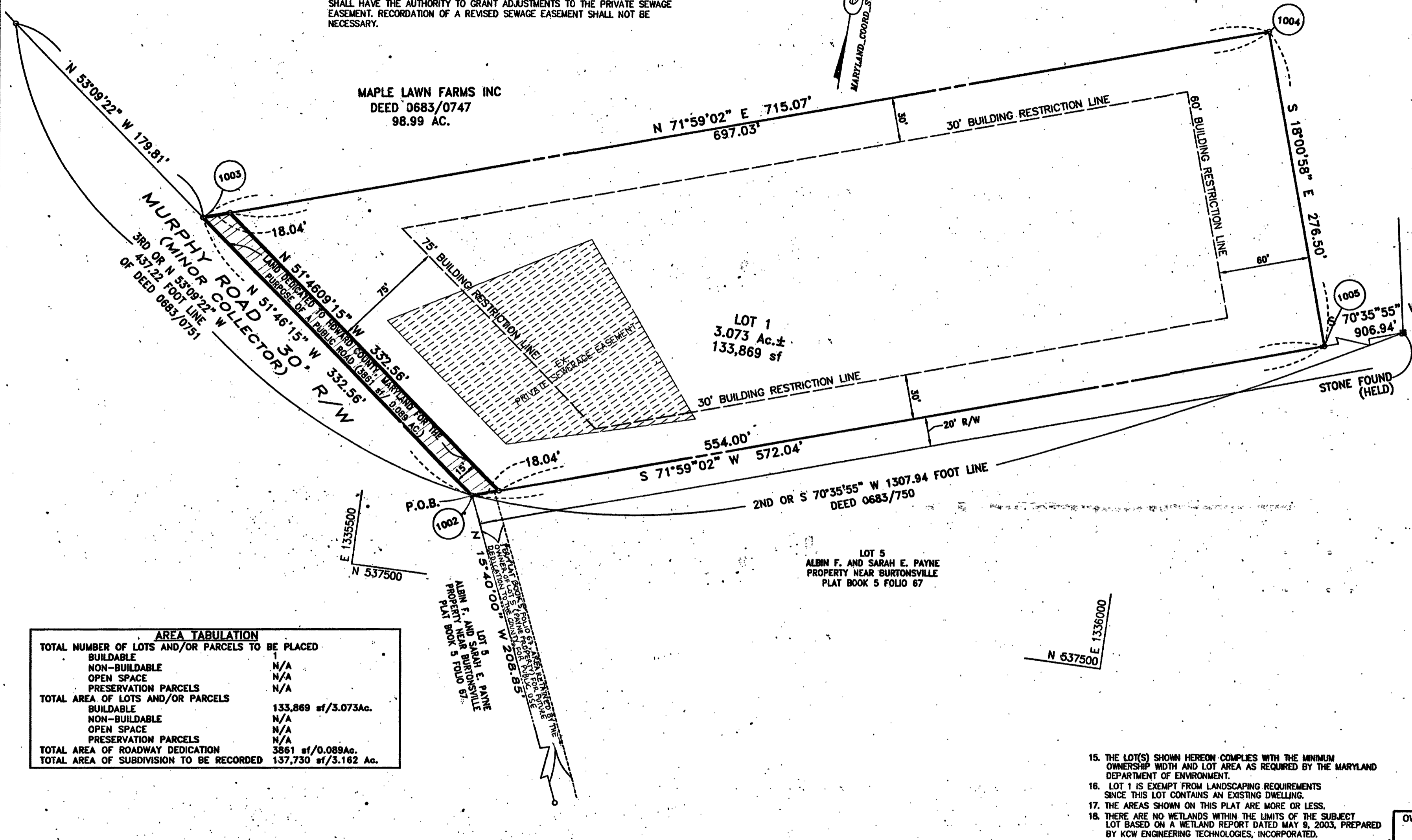
*NOTE: THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THE EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A REVISED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.



B.M. 41GA NORTHING 165018.767, EASTING 406545.5761
ELEVATION 140.85
B.M. 46B2 NORTHING 164588.578, EASTING 407585.0102
ELEVATION 144.87
B.M. 41GA AND 46B2 ARE BOTH OUT OF RANGE FOR THE VICINITY MAP

GENERAL NOTES

- OWNERS: MAPLE LAWN FARMS INC. P.O. BOX 562 FULTON MD. 20759
- THE PURPOSE OF THIS PLAT IS TO CREATE A LOT AROUND AN EXISTING TENANT HOUSE. THERE IS NO PROPOSED DEVELOPMENT ASSOCIATED WITH THIS PLAT. THE HEALTH DEPARTMENT HAS DETERMINED THAT PERCOLATION TESTING IS NOT REQUIRED AT THE ORIGINAL HOUSE (11595 ROUTE 216) ON PARCEL 113 DUE TO ITS REMOTE LOCATION.
- TAX ACCOUNT NO. 358906
ELECTION DISTRICT: 05
DEED LIBER 0683, FOLIO 0747
TAX MAP: 47, GRID 2, PARCEL 113
TOTAL SITE AREA: 98.99 ACRES
- THE SUBJECT PROPERTY IS ZONED RR02 PER THE OCTOBER 18, 1993 COMPREHENSIVE ZONING PLAN.
- COORDINATES BASED ON NAD '83 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 41GA AND NO. 46B2.
- BEARINGS AND DISTANCES SHOWN ARE BASED UPON DEED 0683/0751.
- THIS PLAT IS BASED ON FIELD RUN BOUNDARY SURVEY PERFORMED ON NOVEMBER 19, 2002 BY KCW ENGINEERING TECHNOLOGIES, INC.
- THERE IS AN EXISTING DWELLING/STRUCTURE LOCATED ON LOT 1 TO REMAIN. NO NEW BUILDING EXTENSION OR ADDITIONS ARE PROPOSED.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
1) WIDTH - 12' (14' SERVING MORE THAN ONE RESIDENCE);
2) SURFACE - 6" OF COMPACTED CRUSHER RUN BASE W/TAR AND CHIP COATING (1-1/2" MIN.);
3) GEOMETRY - MAX. 15% GRADE, MAX. 10% GRADE CHANGE AND MIN. 45' TURNING RADIUS;
4) STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING);
5) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING THE 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH ON DRIVEWAY;
6) MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
- NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, OR PLACEMENT OF NEW STRUCTURES IS PROPOSED.
- LAND DEDICATED TO HOWARD COUNTY, MARYLAND, FOR PURPOSE OF PUBLIC ROAD (0.089 ACRES)
- AREA TABULATION:
LOT 1 133,869 sf / 3.073 Ac.
ROADWAY DEDICATION 3861 sf / 0.089 Ac.
TOTAL AREA OF SUBDIVISION 137,730 sf / 3.162 Ac. TO BE RECORDED
- IN ACCORDANCE WITH SECTION 16.102(c)(2) OF THE SUBDIVISION REGULATIONS, THE PLATTING OF THE RESIDUE PARCEL IS NOT REQUIRED SINCE THE PARCEL IS OVER 50 ACRES IN SIZE AND HAS NOT BEEN PREVIOUSLY INCLUDED IN A RECORD PLAT.
- THIS SUBDIVISION IS EXEMPT FROM THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION WITH THE FILING OF A DECLARATION OF INTENT FOR REAL ESTATE TRANSACTION [SECTION 16.1202(c)(2)].



AREA TABULATION	
TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE PLACED	
BUILDABLE	1
NON-BUILDABLE	N/A
OPEN SPACE	N/A
PRESERVATION PARCELS	N/A
TOTAL AREA OF LOTS AND/OR PARCELS	
BUILDABLE	133,869 sf / 3.073 Ac.
NON-BUILDABLE	N/A
OPEN SPACE	N/A
PRESERVATION PARCELS	N/A
TOTAL AREA OF ROADWAY DEDICATION	3861 sf / 0.089 Ac.
TOTAL AREA OF SUBDIVISION TO BE RECORDED	137,730 sf / 3.162 Ac.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Chad Dammann 10/15/03
 Chief, Development Engineering Division Date

Dawn M. Coyle 10/16/03
 Director Date

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
Penny Brewster M.D. 10/7/03
 Howard County Health Officer Date

KCW ENGINEERING TECHNOLOGIES
 KCW-Engineering Technologies, Inc.
 3106 Lord Baltimore Drive, Suite 110
 Baltimore, Maryland 21244
 Tele (410) 281-0030
 Fax (410) 281-1065
 www.KCW-ET.com

OWNERS CERTIFICATION

WE MAPLE LAWN FARMS INC. OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION; AND IN CONSIDERATION OF THE APPROVAL OF THIS PLAT BY THE DEPARTMENT OF PLANNING AND ZONING ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES. ALL EASEMENTS OF (OR) RIGHTS-OF-WAY AFFECTING THE PROPERTY ARE INCLUDED IN THIS PLAN OF SUBDIVISION.

THE REQUIREMENTS OF SECTION 3-108, THE REAL PROPERTY ARTICLE, OF THE ANNOTATED CODE OF MARYLAND 1988 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

WITNESS MY HAND THIS 9 DAY OF Sept 2003
Charles E. Iager
 CHARLES E. IAGER (V.P., MAPLE LAWN FARMS) DATE Sept 9, 2003

SURVEYORS CERTIFICATION

I HEREBY CERTIFY THAT THE PLAT SHOWN HEREON IS CORRECT, THAT IT REPRESENTS A SURVEY OF THE PROPERTY BY THE SURVEYOR OR PREPARED UNDER THE SURVEYOR'S DIRECT SUPERVISION, AND THAT IT IS A SUBDIVISION OF THE LAND CONVEYED BY JOEL KLINE, WALTER BUCHER AND EUGENE M. FEINBLATT TO MAPLE LAWN FARMS BY DEED DATED MAY 30, 1974 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY IN LIBER 0683 FOLIO 0747

THE REQUIREMENTS OF SECTION 3-108, THE REAL PROPERTY ARTICLE, OF THE ANNOTATED CODE OF MARYLAND 1988 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

William K. Woody 9/4/03
 Professional Land Surveyor
 William Kenneth Woody
 MD. Reg No. 10724 DATE

OWNER INFO: MAPLE LAWN FARMS INCORPORATED
 ATTN: MARK IAGER
 TELE: (301) 674-6604

RECORDED AS PLAT NO. 16254 ON Oct 17, 2003
 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

SUBDIVISION PLAT
IAGER PROPERTY
'LOT 1'

TAX MAP 46, GRID 2, PARCEL 113
 ZONING: RR02
 FIFTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 DEED REFERENCE: 0683/0747

SCALE 1" = 50' DATE: SEPTEMBER 4, 2003 SHEET 1 OF 1

F-03-136 A58912

8-21-97
10:00 am.

APPLICATION

PERCOLATION TESTING

A 589(12)113

P _____

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

8-11-97
Preview OK
confirm soils
@ existing
house
ALM

DISTRICT _____

DATE 8-11-97

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 Maple Lawn Farms, Inc. (The Iager's)

ADDRESS 11788 Route 216, Fulton, Md. 20759 PHONE 301-725-6751

AGENT OR PROSPECTIVE BUYER same

ADDRESS same PHONE same

PROPERTY LOCATION:

SUBDIVISION Tenant House LOT NO. -

ROAD AND DESCRIPTION East side ⁸³⁰¹ Murphy Road, Fulton

TAX MAP 46 PARCEL # 113

**BLDG. PERMIT SIGNED
AND RETURNED 11-7-97
Serial # 210108676**

SIZE OF LOT undetermined TYPE BLDG. Single Family Dwelling ^{H.Ben.}
(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. ✓

Charles E. Iager Jr.
(SIGNATURE OF APPLICANT)
Maple Lawn Farms, Inc.

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

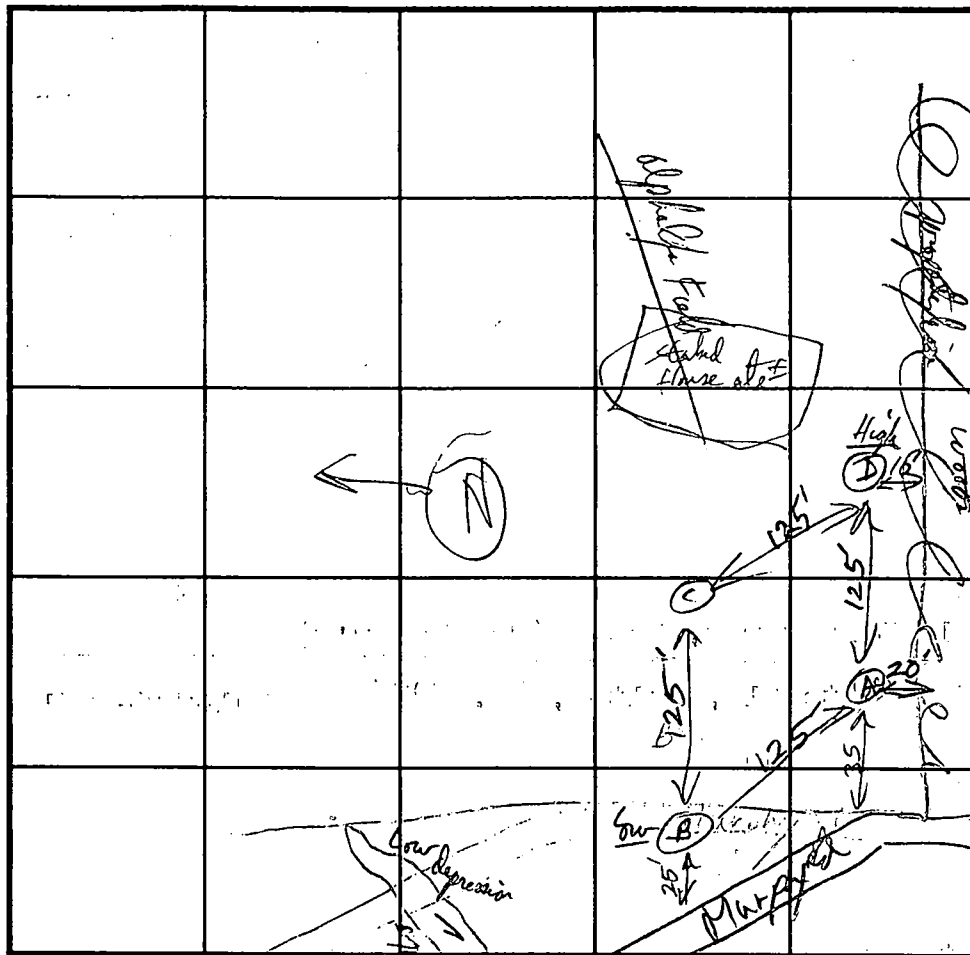
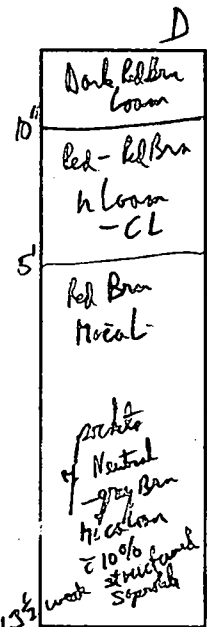
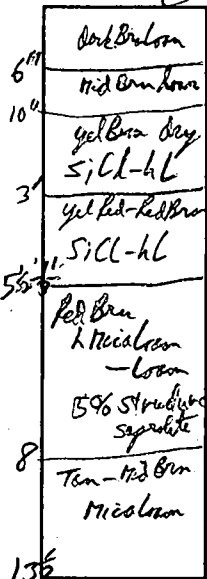
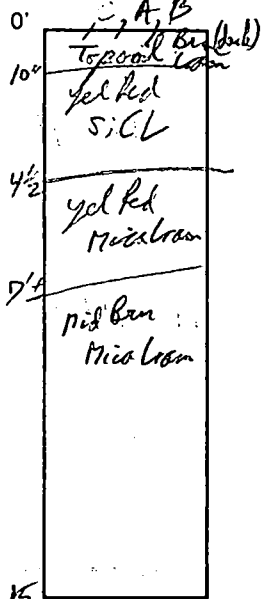
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

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

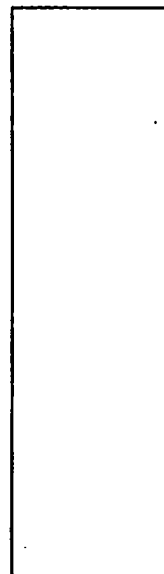
THIS IS NOT A PERMIT

A 58912
COUNTY #

SOIL PROFILE



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
8/21/97A	A	13 1/2' 4'	10:28:00	10:33:00	10:33:00	10:49:00	16 min	
		1 1/2' 5'	10% soft	Structured	sandstone in bottom 1/3 of trench			
	B	15' 5 1/2'	10:30:00	10:39:00	10:39:00	11:08:00	29 min	
			No hard separate seen					
	C	13 1/2' 4'	Moving steady - lowly					
		red clay 5'	11:03:00	11:20:00	11:20:00	11:31:00	760 slm 25-0 K 1 hour 6 ft	
	D	4'						
		13 1/2'	11:26:00	11:32:00	11:32:00	11:42:00	10 min	

REMARKS _____

TYPE OF SOIL _____

TESTED BY R. J. [Signature] ALSO PRESENT Robert + Donell of [Signature]

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 18-20 min TRENCH WIDTH 3' 1/2" (allowing system)

INLET DEPTH 5' (1/2" for 3' below system) MAXIMUM BOTTOM DEPTH 8' SQ. FT./BEDROOM 240-300

8-21-97
10:00 am

APPLICATION

PERCOLATION TESTING

A 58912 113

P _____

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

8-11-97
Preview OK
confirm soils
@ existing
house
ALM

DISTRICT _____

DATE 8-11-97

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 Maple Lawn Farms, Inc. (The Iager's)

ADDRESS 11788 Route 216, Fulton, Md. 20759 PHONE 301-725-6751

AGENT OR PROSPECTIVE BUYER same

ADDRESS same PHONE same

PROPERTY LOCATION:

SUBDIVISION ~~Tenant House~~ 11621 Route 216 LOT NO. Existing farm house

ROAD AND DESCRIPTION East side Murphy Road, Fulton

TAX MAP 46 PARCEL # 113

SIZE OF LOT undetermined TYPE BLDG. Single Family Dwelling
(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.

Charles E. Iager Jr.
(SIGNATURE OF APPLICANT)
Maple Lawn Farms, Inc.

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

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

(A 58913)
COUNTY #

SOIL PROFILE

B, A

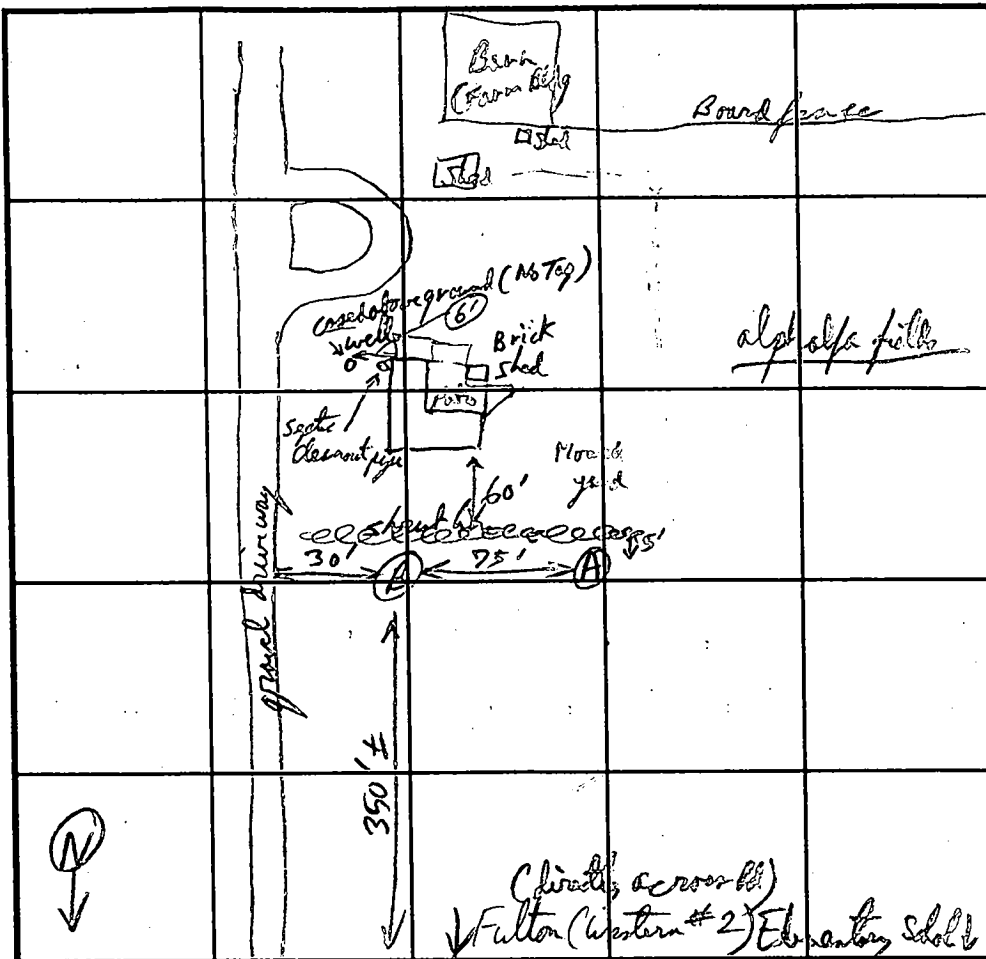
0'
15'
2 1/2'
5'
12'

Dark brown loam
hd-hd brown
HL-CL

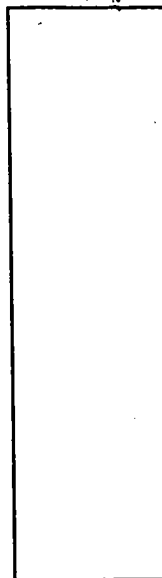
Red brown
HL-micalom

Mid brown tan
& red brown
Micalom

few streaks
50% white
red brown



SOIL PROFILE



Route 216 INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/21/97	A	—	Visual only, Not Tested		Same as B		Pass
		1/2'					
	B	3'	12:41	12:45	12:45	12:51	6 min
		1/2'	Visual same as Test Hole A				

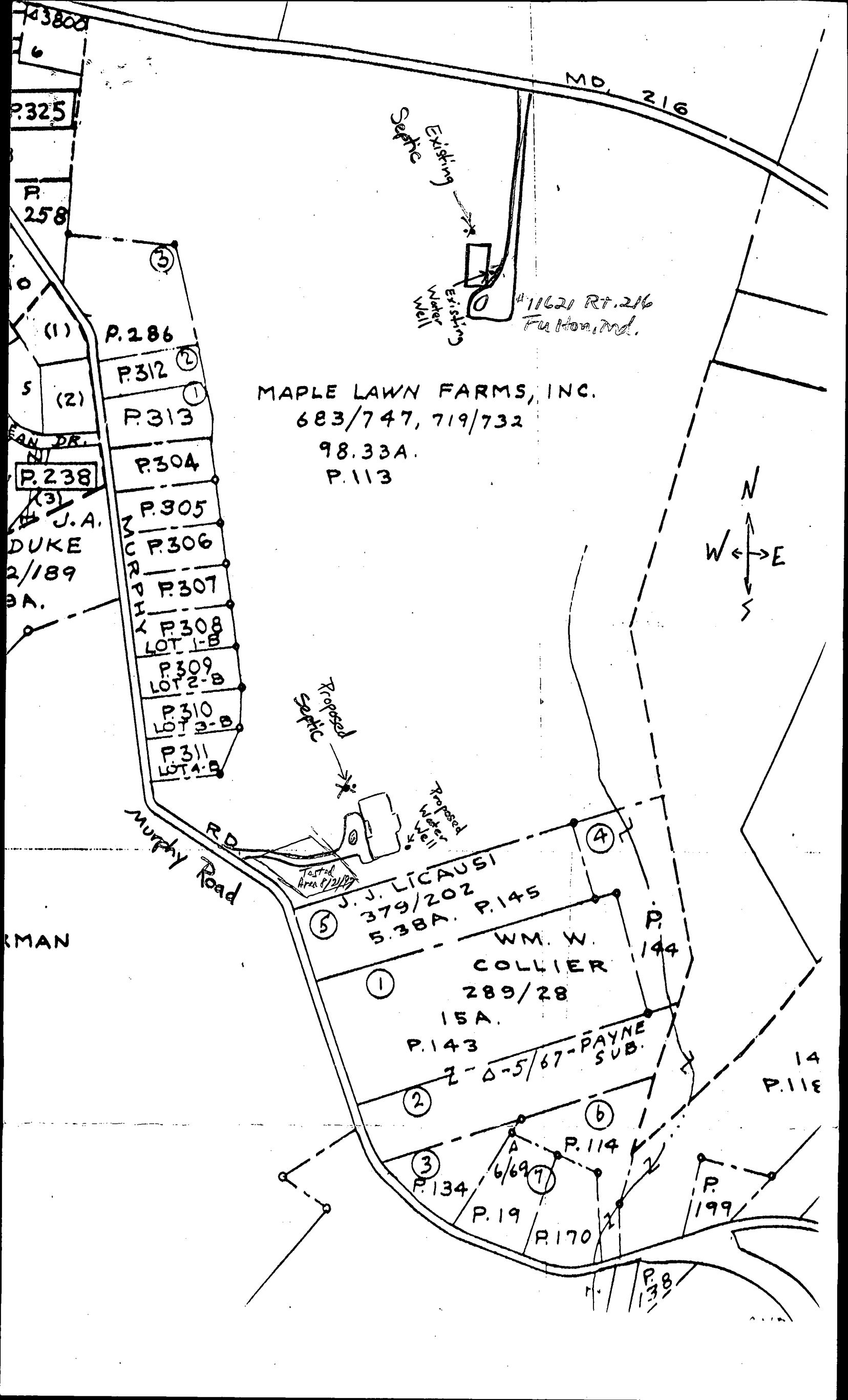
REMARKS _____

TYPE OF SOIL Dark/Micro brown

TESTED BY Robert & D. Fyock ALSO PRESENT Robert & D. Fyock

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH 2'

INLET DEPTH 2' MAXIMUM BOTTOM DEPTH 8' SQ. FT./BEDROOM _____



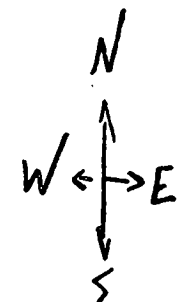
P.3800
6
P.325
R. 258
S
(1)
(2)
EAN DR.
P.238
(3)
J.A. DUKE
2/189
3A.

(3)
P.286
P.312 (2)
P.313 (1)
P.304
P.305
P.306
P.307
P.308
LOT 1-B
P.309
LOT 2-B
P.310
LOT 3-B
P.311
LOT 4-B
MURPHY RD

MAPLE LAWN FARMS, INC.
683/747, 719/732
98.33A.
P.113

Existing Septic
Existing Water Well

#11621 Rt. 216
Fulton, Md.

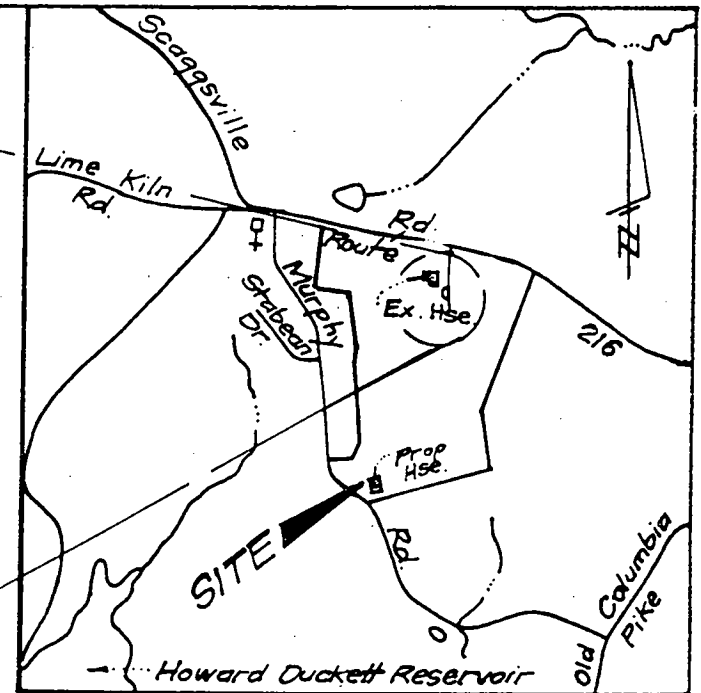
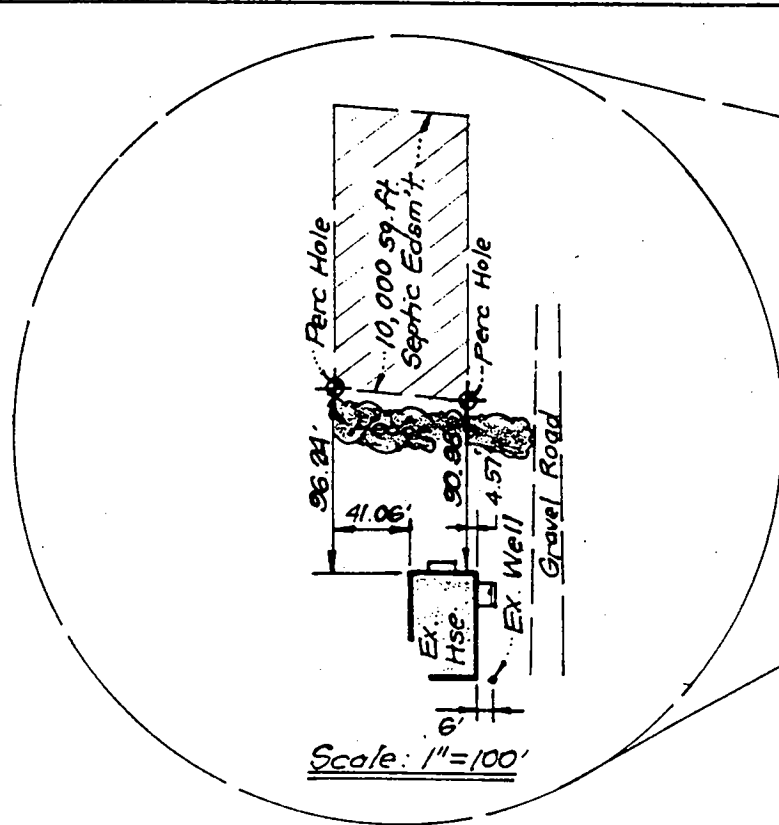


Proposed Septic
Proposed Water Well

MURPHY ROAD

Tested Area 8/2/1977
J. J. LICAUSI
379/202
5.38A. P.145
WM. W. COLLIER
289/28
15A.
P.143
2-0-5/67-PAYNE SUB.
P.144
P.114
P.134
P.19
P.170
P.199
P.138

14
P.118

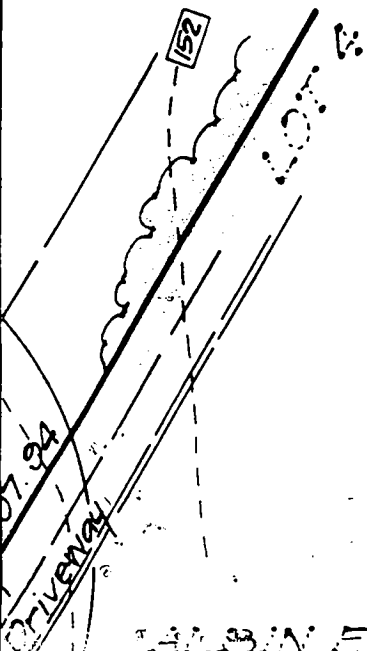


VICINITY MAP

Scale: 1"=2000'

LEGEND

Contour Interval	2 Ft.
Existing Contour	150
Passed Percolation Test	
Pit w/ Spot Elevation	157 ⊙ 6



MARVIN A & SARAH H

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
Fax 313-2648 313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation Replacement
Receipt # _____ Date 1-13-98
Name of Installer Robert L. Feezer Co., Inc Telephone 410-795-1405
License Number 2122
Certified Well Pump Installer Well Driller _____ Registered Plumber
Name of Property Owner Alhieri Homes Telephone 410-715-4500
Subdivision _____ Lot # 113 Well Tag # H-094-1301
Site Address 8301 Murphy Road

Pump
1. Type well jet
2. Type new well jet
3. Type inoperable
4. Capacity 7.0 GPM

Motor
1. Horsepower 1/2
2. RPM 3450
3. Voltage _____
a. 110 _____
b. 220

Pitless Adapter
1. Make Harvard
2. Model # PT-800
3. Depth 42 inches

3. Does it exceed local capacity? Yes _____ No ?
4. Is there a low pressure cutoff switch installed? Yes _____ No
5. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards Other _____

Blank Well X-trail
1. Capacity 2.0 gal.
2. Pressure relief valve yes
WPI - pitless adapter OK
@4RE RP 1/13/98

Piping
1. Type Poly
2. Size 1"
3. NSF and/or BOCA Code approved yes
4. Depth of supply line 42"

Well data
1. Depth 200 ft. 50 ft. across
2. Yield ? GPM?
3. Static water level ? ft.
4. Will water supply be disinfected by installer? yes

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant [Signature]
Date: 1/13/98

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

C1 09482

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)

COUNTY NUMBER A589/2

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 10 23 97

Depth of Well 200

PERMIT NO. FROM "PERMIT TO DRILL WELL" No - 94-1301

OWNER Yager Charles STREET OR RFD 1 Murphy Rd TOWN Fulton SUBDIVISION Maple Lawn Farms SECTION LOT

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, FEET (FROM, TO), check if water bearing. Includes entries for Sand (0-79) and Gray Mica Rock (79-200).

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) NO (N) TYPE OF GROUTING MATERIAL (C) CEMENT (M) BENTONITE CLAY (B) NO. OF BAGS 27 NO. OF POUNDS 2538 GALLONS OF WATER 162 DEPTH OF GROUT SEAL 80 ft.

CASING RECORD

MAIN CASING TYPE (S) STEEL (C) CONCRETE (P) PLASTIC (O) OTHER Nominal diameter 6 Total depth of main casing 84

OTHER CASING (if used)

SCREEN RECORD

Table with columns: DEPTH (nearest ft.), 1-11, 15-17, 21-23, 26-30, 32-36, 38-41, 45-47, 51-53. Includes slot size and diameter of screen.

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 90 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 33 WHEN PUMPING 58 TYPE OF PUMP USED (for test) (S) submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (YES or NO) TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31-35 PUMP HORSE POWER 37-41 PUMP COLUMN LENGTH (nearest ft.) 43-47 CASING HEIGHT (circle appropriate box and enter casing height) (+) above () below LAND SURFACE 2 (nearest foot)

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y) (N)

CIRCLE APPROPRIATE LETTER 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 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...

DRILLERS LIC. NO. M SD024 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. M 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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

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)

See attached location

B 1 9465 SEQUENCE NO. (MDE USE ONLY) (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

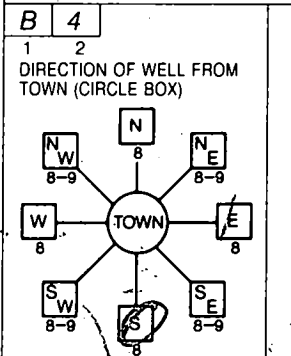
STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER HO-94-1301 fill in this form completely

Date Received (APA) 8/26/97 OWNER INFORMATION Sager E. Charles 11788 Rt 216 (410) 381-7500 Fulton Md. 20759

B 3 LOCATION OF WELL Howard COUNTY 21 Maple Lawn Farms SUBDIVISION 42 SECTION 44 46 LOT 48 50 FULTON NEAREST TOWN 52 MILES FROM TOWN (enter 0 if in town) 7/10 M I 73 76 77 78

DRILLER INFORMATION Joseph L. Mayne M S D 24 Driller's Name 76 License No. 81 Joseph L. Mayne Well Drilling Firm Name 5512 Ridge Rd. Mt Airy Md. 21771 Address Joseph L. Mayne 8/26/97 Signature Date



B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) MURPHY ROAD NEAR WHAT ROAD 11 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH SOUTH WEST EAST DISTANCE FROM ROAD 34 240 37 ENTER FT OR MI 38 39 TAX MAP: 46 BLK: PARCEL 113

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard A58912 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 10/16/99 CO SIGNATURE 10/16/98 EXP DATE 43 48 NORTH GRID 476 000 EAST GRID 0822 000 50 55 57 63

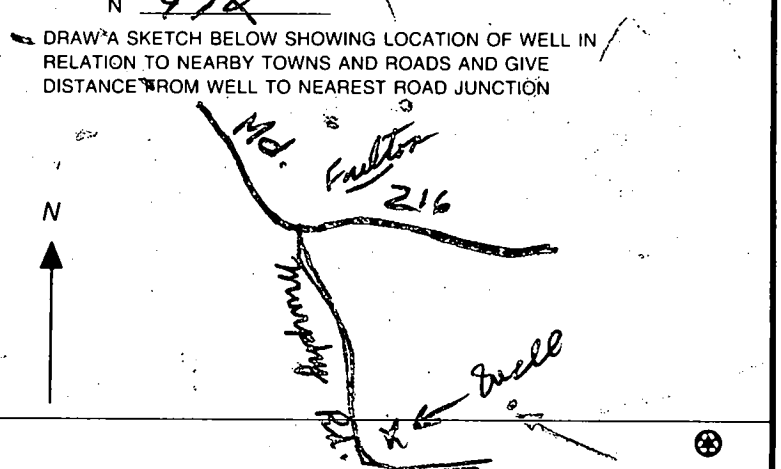
USE FOR WATER (CIRCLE APPROPRIATE BOX) HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL) TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 300 FEET 24 28 APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTARY DRIVE-POINT other

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 8222 N 4726

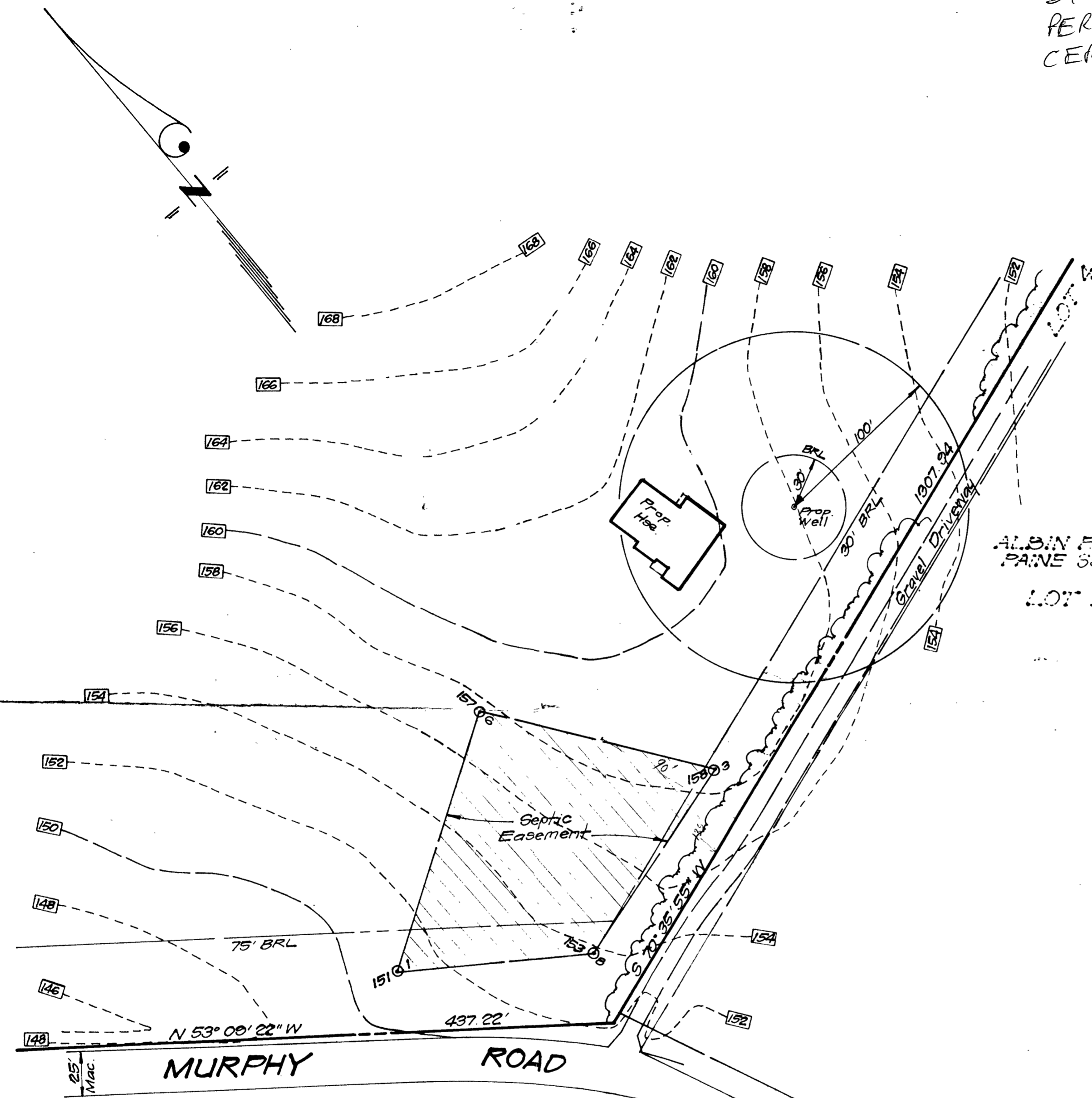
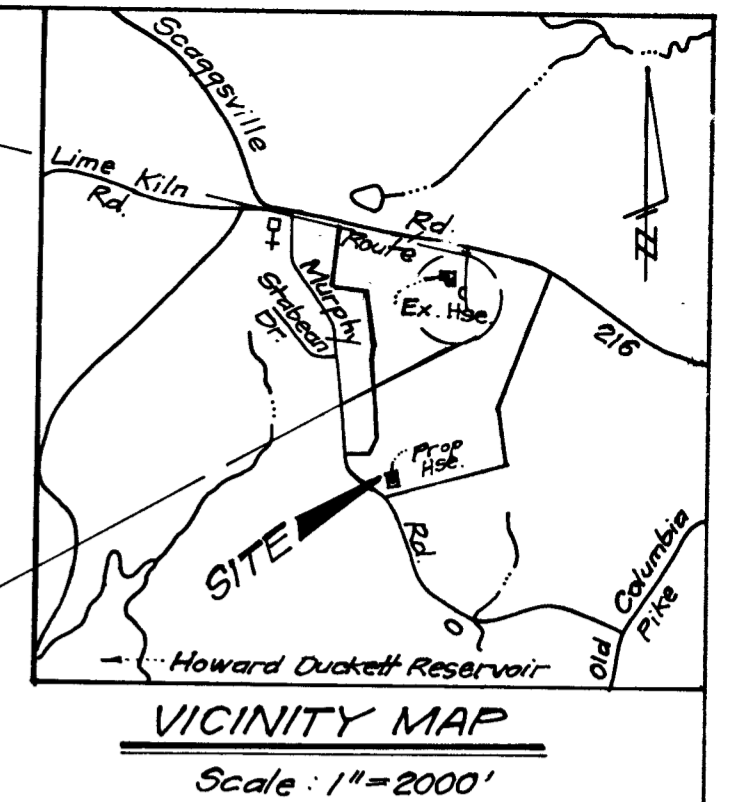
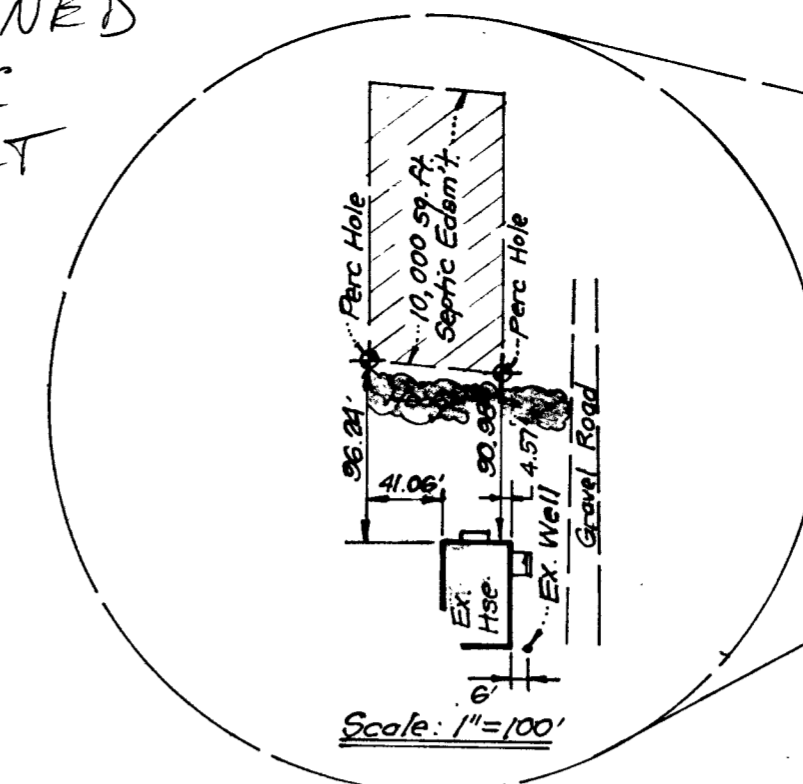
10/23/97 9:30 GROUT No Insp (X)

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 G A P 63 FORCE R P INITIALS IN BOX PERMIT No. HO-94-1301 57 68 70 71 72 73 74 75 76 77 78 79 SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

SIGNED
PERC
CERT



LEGEND

- Contour Interval 2 Ft.
- Existing Contour 150
- Passed Percolation Test Pit w/ Spot Elevation 157 @ 6

ALBIN F & SARAH E.
PAINE SUBDIVISION
LOT 5

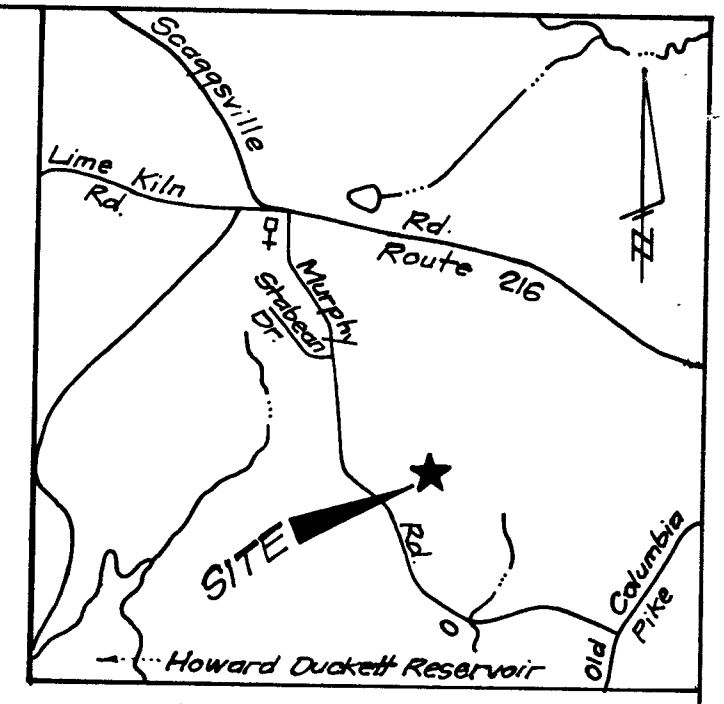
GENERAL NOTES

1. Existing topography was field run by Clark, Finefrock and Sackett, Inc. on September 17, 1997 with assumed datum.
2. Existing Percolation Holes were field located by Clark, Finefrock & Sackett, Inc. on Sept. 17, 1997.
3. All existing wells and septic systems within 100 feet of the adjoining property have been shown.
4. This area designates a private Sewerage Easement of 10,000 sq. ft. as required by Md. State Dept. of the Environment for individual Sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system.

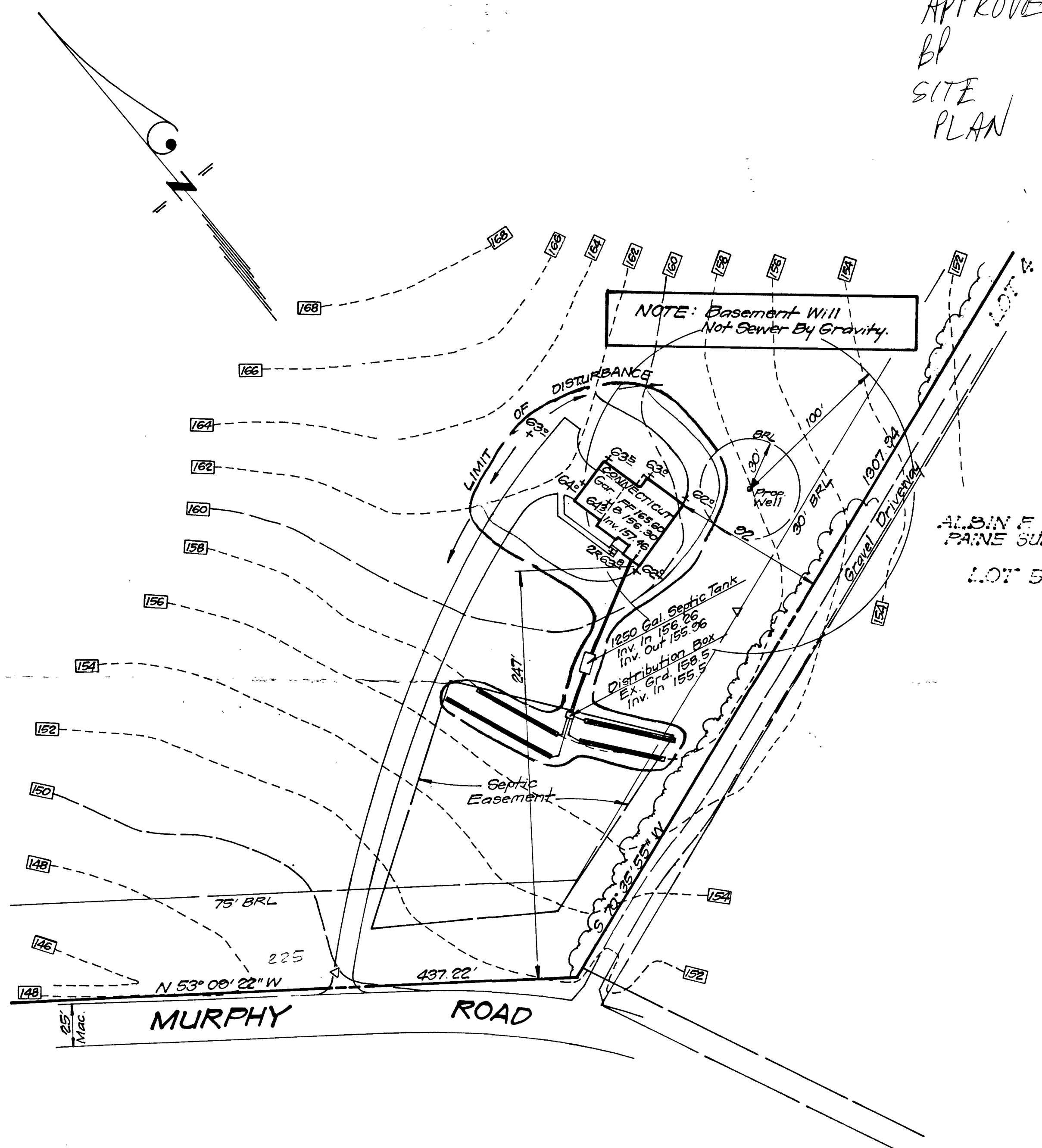
APPROVED: For onsite private water and sewerage systems, Howard County Health Dept.
Joyce M. Boyd MD 10-27-97
 County Health Officer Date

CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS		SCALE 1" = 50'
7135 Minstrel Way • Columbia, Md. 21045 • 410-381-7500 Balt. • 301-621-8100 Wash.		
DRAWN BAL	PERC CERTIFICATION PLAT TENANT HOUSE MAPLE LAWN FARMS, INC. 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	DRAWING 1 OF 1
CHECKED <i>Jim</i>	For: ALTIERI ENTERPRISES, INC. 9017 Red Branch Road Suite 201 Columbia, Maryland 21045	JOB NO
DATE 9-19-97		FILE NO 97-149X

APPROVED
BP
SITE
PLAN



VICINITY MAP
Scale: 1"=2000'



LEGEND

- Contour Interval 2 Ft.
- Existing Contour 150
- Proposed Contour 150
- Spot Elevation +50.2
- Direction of Drainage
- Existing Trees To Remain

GENERAL NOTES

1. Existing topography was field run by Clark, Finefrock and Sackett, Inc. on September 17, 1997 with assumed datum.
2. Area Disturbed: 22,075 sq ft or 0.51 Ac.
3. Deed Reference: L. 683 of 747
4. All existing wells and septic systems within 100 feet of the adjoining property have been shown.

Approved Septic System Plan
Howard County Health Department

Rand Kelly
Signature 11/7/97
Date

CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS <small>1001 E. WASHINGTON WAY • SUITE 300 • BALTO. • (410) 817-5500 • BALTO. • (301) 621-8100 • WASH.</small>		
DESIGNED	SITE DEVELOPMENT PLAN TENANT HOUSE MAPLE LAWN FARMS, INC. 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=50'
DRAWN		DRAWING 1 OF 1
CHECKED		JOB NO.
DATE	For: ALTIERI ENTERPRISES, INC. 9017 Red Branch Road, Suite 201 Columbia, Maryland 21045	FILE NO. 97-149X
9-19-97		