

10-13-98

ASAP

12/28/98

11:00

House Conn

PERMIT

10/13/98 needs house conn Alm

~~12/17/98~~
~~House Conn~~

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 511033

A 49645-P

DISTRICT 4th

DATE 10.9.98

DATE SYSTEM APPROVED 12/28/98

INSPECTOR d

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXX~~ 410-313-2640

04-359354

INDEXED

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 558 Obrecht Road Sykesville, Maryland 21784 PHONE (410) 795-5674

SUBDIVISION Cattail Woods, Sec. II LOT 31 ROAD 1749 Cattail Meadows Drive

PROPERTY OWNER Pulte Home Corporation STEVEN RINGOLD

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

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.

LOCATION - Place the distribution box 105 feet up the left lot line and 70 feet off that same lot line as seen when facing the lot from Cattail Meadows Drive. Run trenches on contour.

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

PLANS APPROVED BY Mark E. Rifkin DATE 8/25/98

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

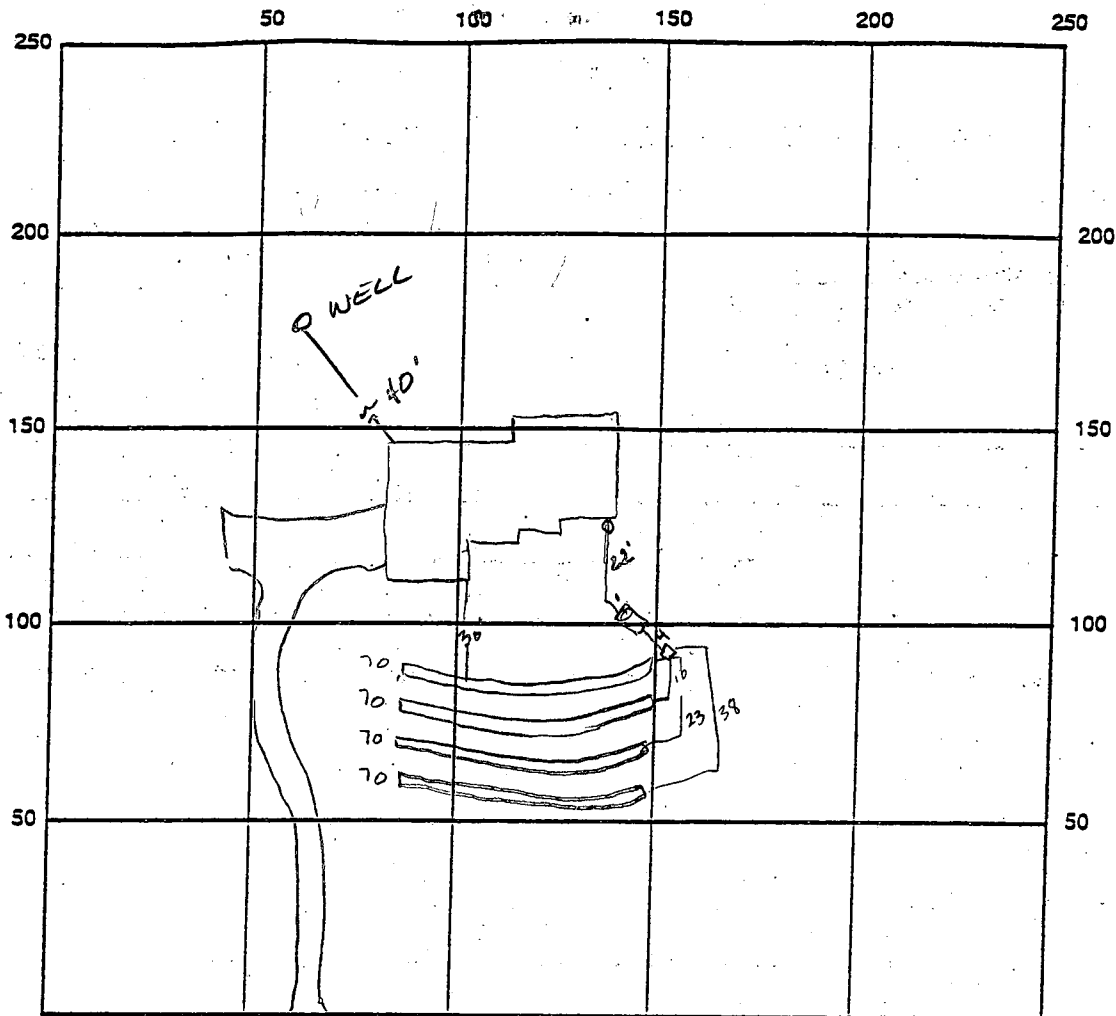
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

BUILDING PERMIT SIGNED AND RETURNED
8-22-02
B00139101-DECK+PORCH
3/6/03 B00140558 INGROUND POOL

A 49645P



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK 1250 gal CLEANOUTS by house & on tank
 DISTRIBUTION BOX LEVEL OK baffle is in
 DRAIN FIELD/TITLE DEPTH 6.0 FT. TRENCH WIDTH 30 FT. INLET DEPTH 4.0 FT.
 EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 280 FT. $\frac{280}{40}$
 NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.
 DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET 2.0 FT.
 ABSORBENT AREA SQ. FT.

REMARKS: 10/13/98 No house connection - OK to cover all work for
12/28/98 House connection made &

DATE SYSTEM APPROVED 12/28/98 INSPECTOR A McMiller

31
HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date 12-17-98

Name of Installer R.W.R. PLBG INC

Telephone 410-531-2882

License Number 4605
Certified Well Pump Installer _____

Well Driller _____ Registered Plumber

Name of Property Owner PULTE
Subdivision CATAIL WOODS Lot # _____
Site Address 1749 CATAIL MEADOWS DR.

Telephone 410-644-5603

Well Tag # NO-94-1289

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible
- Make Accu 221
- Model # ~~77545188-S2~~ 77545188-S2
- Capacity 5 GPM
- Pump exceeds well capacity Yes _____ No
- If Yes, is low pressure cutoff switch installed? Yes _____ No
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards _____ Other _____

Motor

- Horsepower 3/4
- RPM _____
- Voltage 230
 - 110
 - 220 _____

Pitless Adapter

- Make CAMPBELL
- Model # B-300X
- Depth 42"

Tank

- Capacity 32 GAL
- Pressure relief valve? YES

Piping

- Type 1" 160 LB
- Size 1"
- NSF and/or BOCA Code approved _____
- Depth of supply line 42"

Well data

- Depth 40.2 ft.
- Yield 10 GPM
- Static water level 32 ft.
- Will water supply be disinfected by installer? NO

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: 12-17-98

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

12/17/98
WPI - PM
WPI OK to cover

P.A. 4.5' below grade
Casing 1.5' above grade
has 2pc cap
(KM)

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation _____ Receipt # _____
Replacement _____ Date _____

Name of Installer _____ Telephone _____

License Number _____
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber _____

Name of Property Owner _____ Telephone _____
Subdivision _____ Lot # _____ Well Tag # _____
Site Address _____

Pump	Motor	Pitless Adapter
1. Type	1. Horsepower _____	1. Make _____
a. Deep well jet _____	2. RPM _____	2. Model # _____
b. Shallow well jet _____	3. Voltage _____	3. Depth _____
c. Submersible _____	a. 110 _____	
2. Make _____	b. 220 _____	
3. Model # _____		
4. Capacity _____ GPM		
5. Pump exceeds well capacity Yes _____ No _____		
6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____		

Tank	Piping	Well data
1. Capacity _____	1. Type _____	1. Depth _____ ft.
2. Pressure relief valve? _____	2. Size _____	2. Yield _____ GPM
	3. NSF and/or BOCA Code approved _____	3. Static water level _____ ft.
	4. Depth of supply line _____	4. Will water supply be disinfected by installer? _____

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: _____

Date: _____

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

APPLICATION

HOWARD COUNTY

SERIAL NUMBER

PERMIT APPLICATION

DEPARTMENT OF INSPECTIONS, LICENSES & PERMIT
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

325
394
3151
33570

1500113727

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)

1749 Cattail Meadows Drive
Woodbine, MD 21797

GRADING/SEDIMENT CONTROL YES NO SDP #

DESCRIPTION OF WORK AUTHORIZED

Model Rockingham
Plans on file
2 sty, full bsmt, 10r, 2fb, 1hb, fp
& garage (4br) opt deck and fin ll

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER.	FOLIO
31	5	2		171		

SUB DIVISION	ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.
Cattail Woods	RC	7	H	6040

OWNER NAME AND ADDRESS
Pulte Home Corporation (410) 644-5603
1501 S. Edgewood St., #K
Baltimore, MD 21227

OCCUPANT'S NAME AND ADDRESS
N/A

ARCHITECT OR ENGINEER'S NAME AND ADDRESS
n/a

CONTRACTOR'S NAME AND ADDRESS
same as owner

EXISTING USE: vacant lot
PROPOSED USE: SFD

EST. CONSTRUCTION COST: 111,000.00
LICENSE NUMBER
PERMIT FEE

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT
3939	50'	40'	10'
	50'	28'	10'
	50'	28'	10'

TYPE OF BLDG.	AREA	VOLUME	ROOF
B. ROOMS	1581	"	ASP Gable
ROOMS	1220		
BATHS			
FIREPLACES	1138		

FOOTINGS	FOUNDATION	S. WALLS
16" x 8"	8" conc. Wd. form	Siding

UTILITIES					
WATER WELLS	SEWER/SEPTIC	GAS	ELECTRICITY	TYPE OF HEAT	AC
		X	X	GAS	

I have carefully examined and read this application and know the same is true and correct, and that in doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Department of Inspections, and permit twenty-four hours in advance when I am ready for the inspections called for elsewhere in the application; and that no work will be covered up until such inspections have been completed with.

Court Admin Assoc. 8/25/98
TITLE DATE

FOR OFFICE USE ONLY

DISTANCE IN FEET FROM R/W LINE TO FRONT BUILDING LINE
SIDE YARD (DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE)
TO SIDE BUILDING LINE
DISTANCE IN FEET, REAR YD. REQUIRING SET
BACK (CORNER LOT ONLY)

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING		
SHA		
SEDIMENT/GRADING		
BUILDING OFFICIAL		
WATER & SEWER		
HEALTH DEPT.	8/25/98	Mark E. Ripken
FIRE PROTECTION		
STORM WATER MGM.		

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY 3:51

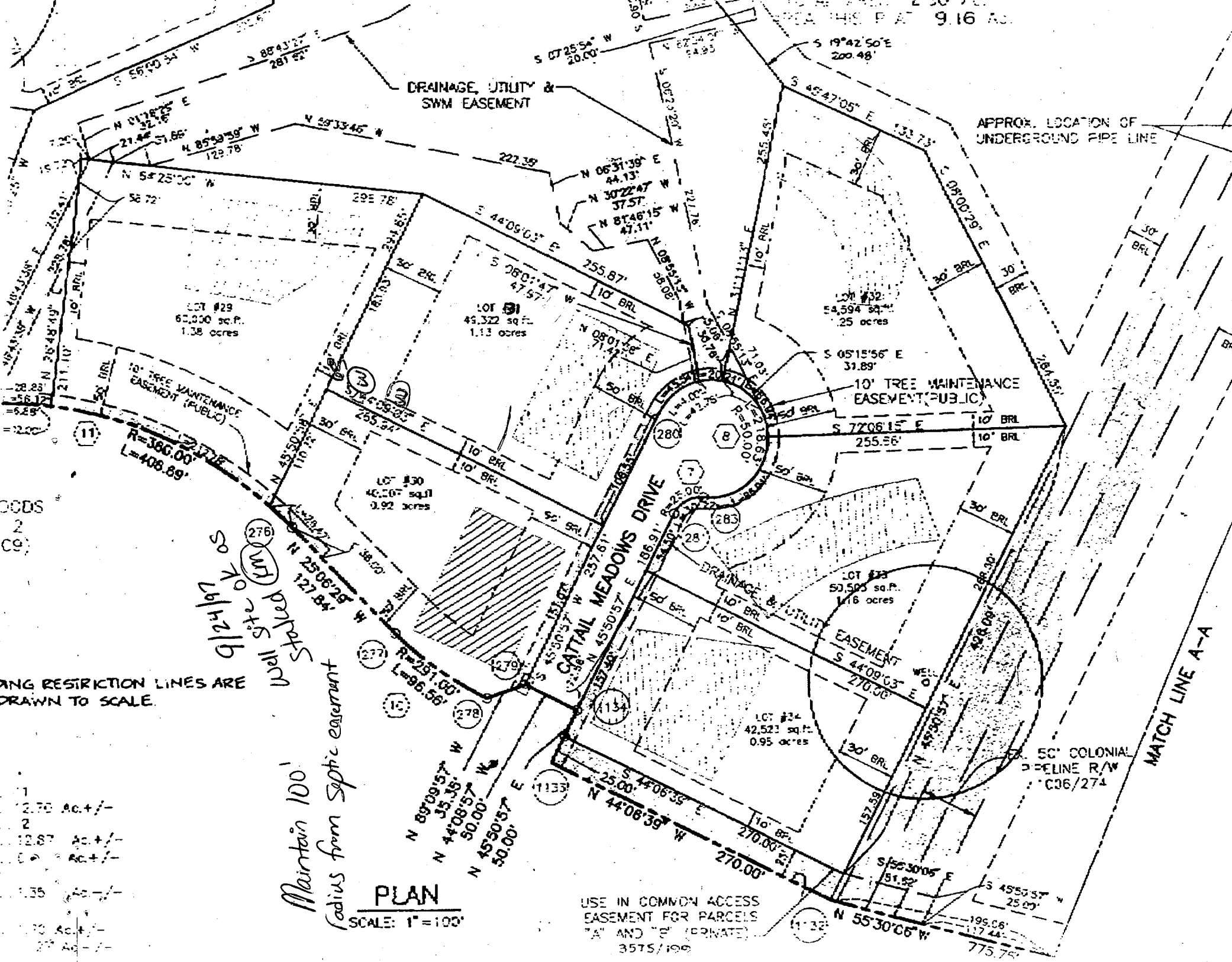
CAUTION
To begin construction before a permit placard has been issued and displayed on the job is a violation of the law.
Use and occupancy permit must be applied for two weeks before it will be issued.

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

LP-69-591

APPROVED DATE
Distribution of Copies:
White - Building Official
Green - Planning & Zoning
Yellow - Engineering
Pink - Health Dept.
Gold - S.H.A.

A



DRAINAGE, UTILITY & SWM EASEMENT

APPROX. LOCATION OF UNDERGROUND PIPE LINE

LOT #29
62,000 sq.ft.
1.38 acres

10' TREE MAINTENANCE EASEMENT (PUBLIC)

R=366.00
L=408.89

LOT #31
49,322 sq.ft.
1.13 acres

LOT #32
54,594 sq.ft.
1.25 acres

LOT #30
46,207 sq.ft.
1.02 acres

LOT #33
50,505 sq.ft.
1.16 acres

LOT #34
42,523 sq.ft.
0.95 acres

50' COLONIAL PELINE R/W
C36/274

CCDS
2
CO

Well Sited
OK
2/19/21
2/16/21
2/16/21

Maintain 100' Radius from Septic easement

WARNING RESTRICTION LINES ARE DRAWN TO SCALE.

- 1 12.70 Ac +/-
- 2 12.87 Ac +/-
- 3 13.35 Ac +/-
- 4 13.50 Ac +/-
- 5 13.65 Ac +/-

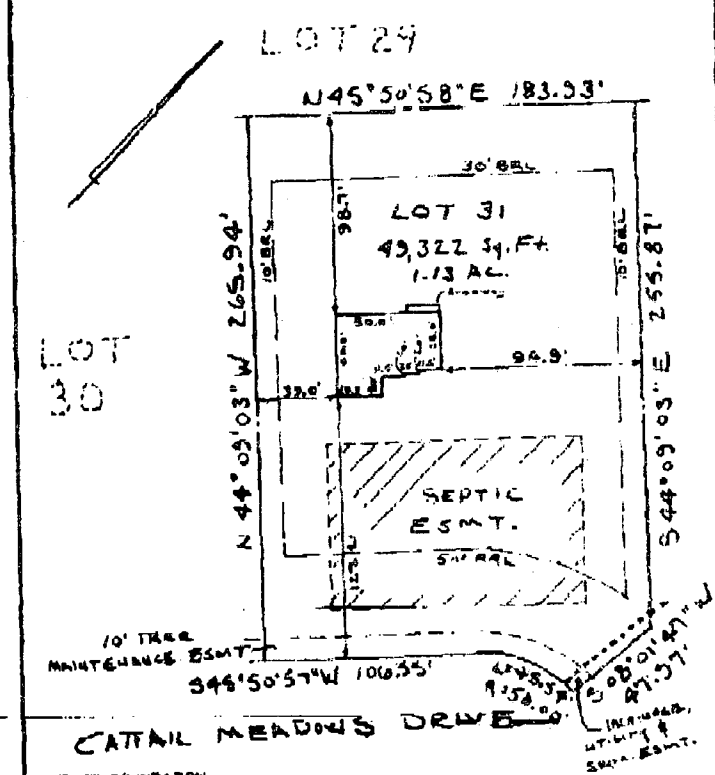
PLAN
SCALE: 1" = 100'

USE IN COMMON ACCESS EASEMENT FOR PARCELS "A" AND "B" (PRIVATE)
3575/1000

MATCH LINE A-A

10.9.98
 Wall check ok
 KM

THIS LOCATION DRAWING IS OF BENEFIT TO A CONSUMER ONLY IN SO FAR AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY, OR ITS AGENTS, IN CONNECTION WITH FINANCING THE PROPERTY SHOWN HEREON. THIS DRAWING IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF PROPERTY LINES OR THE CONSTRUCTION OF IMPROVEMENTS SUCH AS FENCES, GARAGES, OR BUILDING ADDITIONS. THIS DRAWING SHOWS THE CONFIGURATION AS CURRENTLY RECORDED, BEING SUBJECT TO SETTLEMENT PURPOSES, BUT BEING INSUFFICIENT FOR THE SETTING OF PROPERTY CORNER PINS ON THE GROUND.



SURVEYOR'S CERTIFICATE
 I HEREBY CERTIFY THAT THE LOCATION DRAWING SHOWN HEREON IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PROPERTY IS CORRECTLY LOCATED AS THE PROPERTY OF THE PURCHASER AND THAT THERE ARE NO OTHER ENCUMBRANCES UNLESS SHOWN. THE PROPERTY OWNER HAS BEEN ADVISED OF THE AREA OF THE FIELD TO BE REMOVED BEFORE ANY CONSTRUCTION OF THE IMPROVEMENTS AND PROPERTY CORNER MARKERS HAVE BEEN SET.

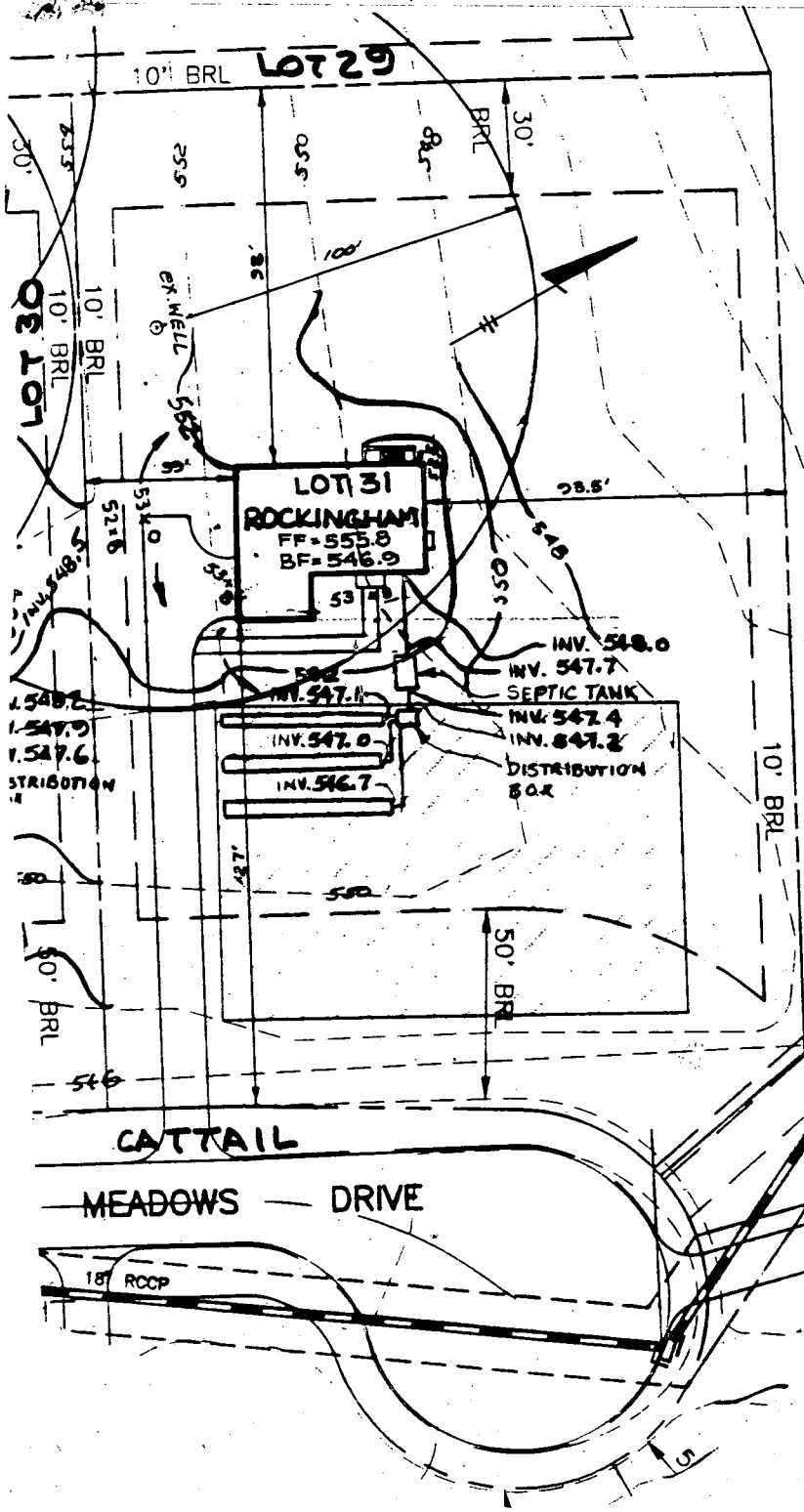


LOCATION DRAWING
 1749 CATTLE MEADOWS DRIVE
 LOT 31
 CATTLE WOODS - SEC. 2

RECORD PLAT No. 1280
 FEMA FIRM No. 140044-00045
 DATED Oct. 4, 1984

TBA GROUP, INC.
 planning • architecture • engineering • surveying
 6800 BALDWIN ROAD, SUITE 200
 ELICOTT CITY, MARYLAND 21043
 (410) 993-8100

4th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE 1" = 50' DATE: 9/22/88



Approved Septic System Plan
Howard County Health Department

Total linear feet of trench required 280 feet

Width of trench(es) 3 feet

Depth of trench(es) 6 feet

Depth of stone required below distribution pipe 2 feet

Mark E. Palka 8/25/98
Signature Date

FF-555.8
BF-546.9

PLOT PLAN
CATTAIL WOODS

LOT 31
SECTION TWO, PARCEL 5

TAX MAP NO.7 PARCEL 137
PLAT NOS. 12500-12502
4TH ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND
SCALE: 1"=50' DATE: JUNE 9, 1998

NOTE:
FOR SEDIMENT CONTROL FEATURES SEE APPROVED GRADING PLAN GP-97-130.

T S A GROUP INC.
8480 BALTIMORE NATIONAL PIKE, SUITE 418
ELLCOTT CITY, MARYLAND 21043
(410) 465 - 6105

APPLICATION

PERCOLATION TESTING

A 49645 P

P _____

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

DISTRICT 4th

DATE 9/30/93

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER Parcel 137, Inc. Pulte Home Corporation

ADDRESS 15298 Union Chapel Road, Woodbine, MD 21797 PHONE (410) 442-2101

AGENT OR PROSPECTIVE BUYER Engineer: TSA Group, Inc.

ADDRESS 8480 Baltimore National Pike, Ste. 418 Ellicott City, MD 21043 PHONE (410) 465-6105

PROPERTY LOCATION:

SUBDIVISION Cattail Woods - Section 2 LOT NO. 31

ROAD AND DESCRIPTION End of Brittle Branch Way (1749 CATTAIL MEADOWS DRIVE)

TAX MAP 7 PARCEL # 137

SIZE OF LOT 1 Ac +/- TYPE BLDG. Single Family Dwelling - 4Bm
(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. Parcel 137, Inc. Bruce B. Benda President
(SIGNATURE OF APPLICANT)

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

COUNTY # _____

SOIL PROFILE

0'

SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

APPLICATION

PERCOLATION TESTING

A 49645P
P _____

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

DISTRICT _____
DATE 9-27-93

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER Bruce Brendle

ADDRESS 15298 Union Chapel Rd PHONE _____

AGENT OR PROSPECTIVE BUYER Joint Venture

ADDRESS 1555 Union Chapel Rd PHONE _____

PROPERTY LOCATION:

SUBDIVISION Cattail Woods Sec II LOT NO. 31

ROAD AND DESCRIPTION Rt 97 sid

TAX MAP 7 PARCEL # 137

SIZE OF LOT 1 ACRE TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. _____
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

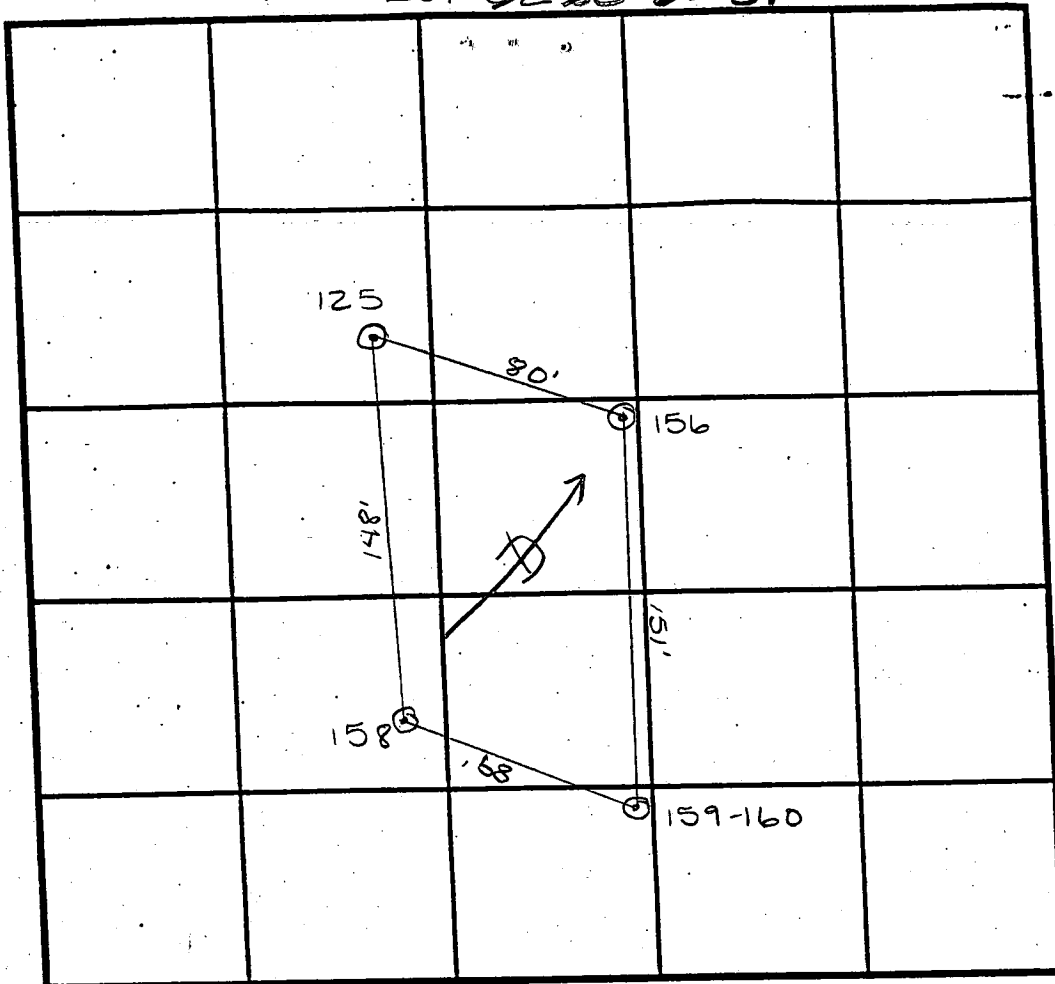
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

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

THIS IS NOT A PERMIT

AH9645P
COUNTY #

Lot 32 ~~33~~ 32 31



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

125

red C

2' red/brn

SIL

packet of >50% shale on outside end of hole

100% shale at bottom

12'

SOIL PROFILE

156

10" topsoil

6" red C

3' brn/red SIL

8' decayed shale OK

158

6" topsoil

orange/brn C

3' brn/orange SIL

12' some decayed shale OK

159-160

5' yell/brn C

brn SIL w/ some orange

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/8/93	156	2 1/2' / 1/2'	2:45	2:54	2:54	2:05	11 min
	158	2' / 1/2'	1:34	1:42	1:42	2:50	8 min
	159-160	5' / 1/2'	12:59	1:10 ³⁰	1:10 ³⁰	1:39	29 min
	125	2' / 1/2'	1:14	1:16	1:16	1:19	3 min

REMARKS

TYPE OF SOIL

TESTED BY A. McMILLEN / A. MADEAU

ALSO PRESENT

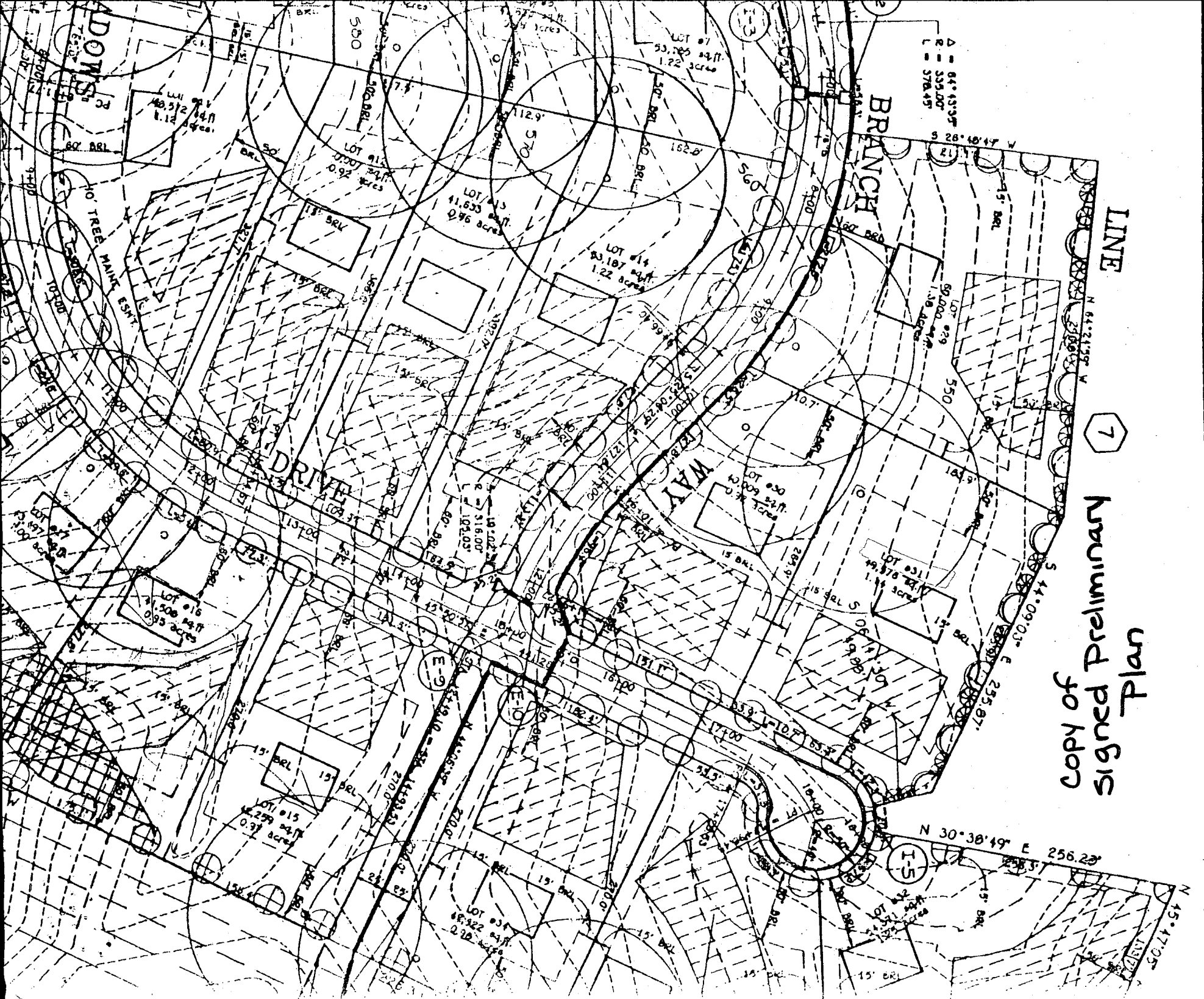
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 15 min

TRENCH WIDTH 3'

INLET DEPTH 5'

MAXIMUM BOTTOM DEPTH 7'

SQ. FT./BEDROOM 240 ft²



LINE
 7
 Copy of Preliminary
 Signed
 Plan

Δ = 64'-43.35'
 E = 53'
 L = 376.45'

BRANCH

DRIVE

WAY

ADAMS

N 30°30'49" E 256.23'

N 45°47'05"

7

15

E-3

E-4

E-5

E-6

E-7

E-8

E-9

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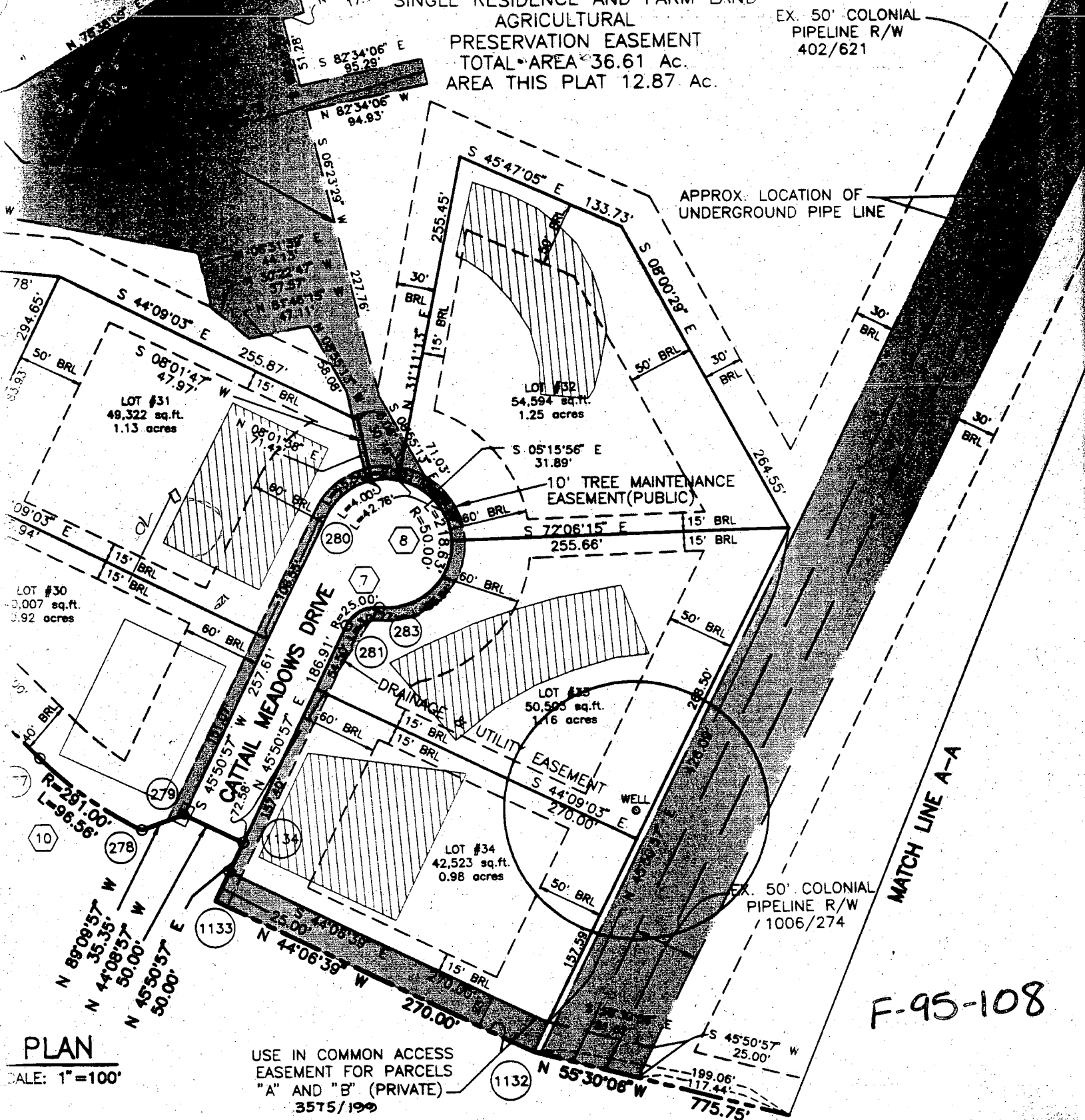
E-98

E-99

E-100

SINGLE RESIDENCE AND FARM LAND
 AGRICULTURAL
 PRESERVATION EASEMENT
 TOTAL AREA 36.61 Ac.
 AREA THIS PLAT 12.87 Ac.

EX. 50' COLONIAL
 PIPELINE R/W
 402/621



PLAN

SCALE: 1"=100'

USE IN COMMON ACCESS
 EASEMENT FOR PARCELS
 "A" AND "B" (PRIVATE)
 3575/199

F-95-108

WARRANTY

IT IS SHOWN HEREON IS CORRECT.
 CREATED ON
 RECORDED IN THE LAND RECORDS
 MONUMENTS ARE IN PLACE OR
 OF THE STREETS IN THE
 IN ACCORDANCE WITH THE



OWNER'S DEDICATION

206 JOINT VENTURE, A MARYLAND JOINT VENTURE CONSISTING OF PARCEL 137, INC. AND G&L LIM
 OWNERS OF THE PROPERTY SHOWN HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN
 OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH
 RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNEES
 TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES, AND OTHER MUNICIPAL UTILITIES
 SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHT-OF-WAYS, AND THE SPECIFIC EASEMENTS
 HEREON, (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND
 FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATIONS
 GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF
 AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE
 TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF
 CONSTRUCTION, REPAIR AND MAINTENANCE, AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF
 BE PLACED ON THE PROPERTY AND RIGHT-OF-WAY, WITNESS OUR HANDS THIS

C1 09468 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A 49645-D

ST/CO USE ONLY DATE RECEIVED MM DD YY

DATE WELL COMPLETED MM DD YY 10 14 97

DEPTH OF WELL 22 402 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1289

OWNER 206 Joint Venture last name first name STREET OR RFD Cataul Meadow Drive TOWN Lisbon SUBDIVISION Cataul Woods SECTION LOT 31

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Dirt, Soft Br. Shale, Hard Blue & Br. Shale, Br. Shale, Blue Schist, Fracture, Blue Schist.

GROUTING RECORD yes no Y N 44 44 WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 20 NO. OF POUNDS 1880 GALLONS OF WATER 120 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 68 ft.

CASING RECORD casing types insert appropriate code below ST STEEL CO CONCRETE PL PLASTIC OT OTHER MAIN CASING TYPE S T 6 70

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

SCREEN RECORD screen type or open hole ST STEEL BR BRASS HO OPEN PL PLASTIC OT OTHER

DEPTH (nearest ft.) table with columns 1-29 and rows A-C3, E-R, S-N

PUMPING TEST HOURS PUMPED (nearest hour) 3/8 9 PUMPING RATE (gal. per min.) 10 METHOD USED TO MEASURE PUMPING RATE submersible WATER LEVEL (distance from land surface) BEFORE PUMPING 32/17 20 WHEN PUMPING 90/22 25 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other 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. 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 2 (nearest foot)

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED Y N

CIRCLE APPROPRIATE LETTER A 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 M W D 2561 Dana Kyker, Jr II DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 M W D 256 Dana Kyker, Jr II 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 70 72 74 75 76 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)

Handwritten signature: Cataul Meadows Co.

W-58968

B 1 **8745** SEQUENCE NO. (MDE USE ONLY)
 THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS

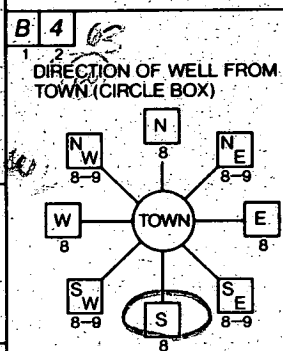
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
10-94-1289
 fill in this form completely

Date Received (APA) **090197**
 OWNER INFORMATION
206 JOINT VENTURE
 Last Name Owner First Name
15555 UNION CHAPEL RD
 Street or RFD
Woodbine MD 21797
 Town State Zip

B 3 LOCATION OF WELL
HOWARD COUNTY
CATTAIL WOODS SUBDIVISION
 SECTION **31** LOT **31**
Lisbon NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **1 MI**

DRILLER INFORMATION
DAVA Kyker
 Driller's Name
West Rotary Well Drill Inc
 Firm Name
PO Box 861 Westminster MD
 Address
Dava Kyker Signature
9-10-97 Date



CATTAIL MEADOW DR NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
220 DISTANCE FROM ROAD
 ENTER FT OR MI **AT**
 TAX MAP: **7** BLK: _____ PARCEL **137**

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **400**

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 HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER, HEALTH DEPARTMENT APPROVAL
Howard COUNTY NAME
A49645-P COUNTY NO.
 STATE SIGNATURE _____ DATE ISSUED **092497** Kim Maisto **9/24/98**
 NORTH GRID **542000** EAST GRID **0780000**

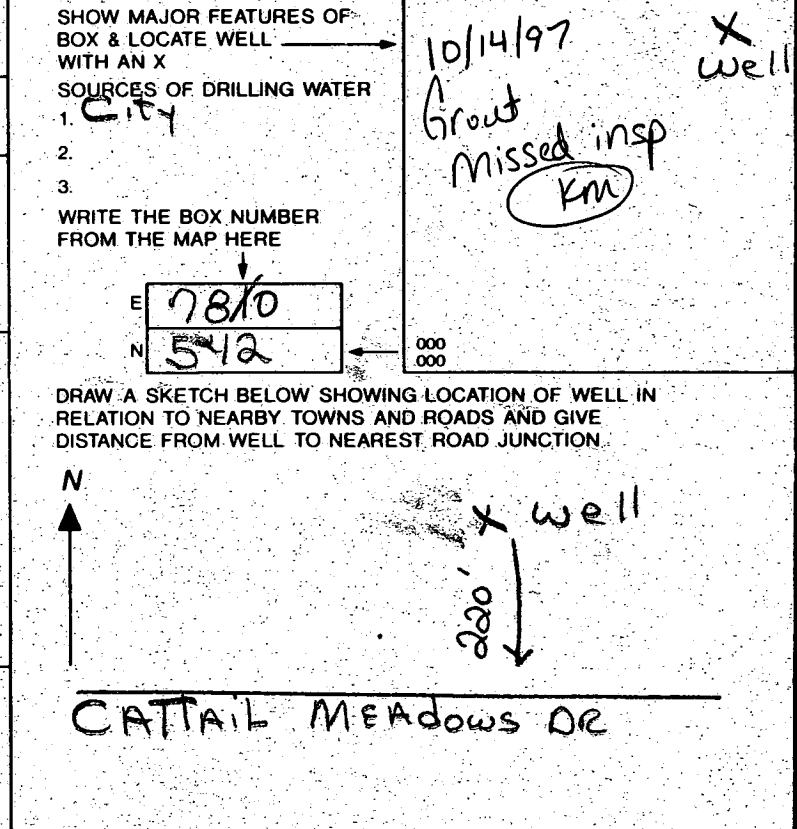
APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL **6"** NEAREST INCH

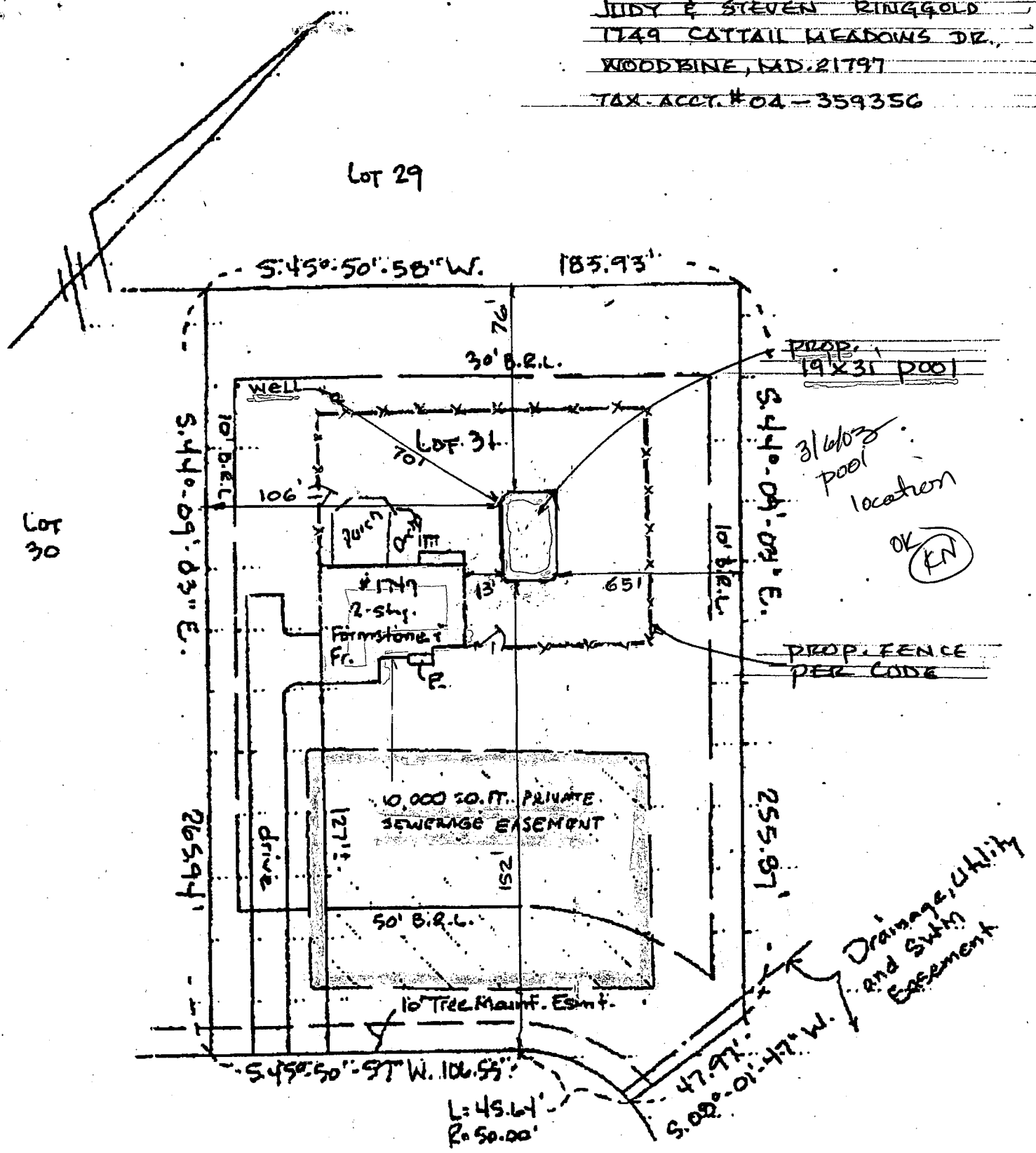
METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary **AIR-PERCussion** **ROTARY** (Hydraulic Rotary)
 CABLE REVERSE-ROTary DRIVE-POINT
 other _____

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) _____

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
 APPROX. PERMIT NUMBER **GAP**
 FORCE **Km** WRITE INITIALS IN BOX PERMIT No. **10-94-1289**



JUDY & STEVEN RINGGOLD
1749 CATTAIL MEADOWS DR.
WOODBINE, MD. 21797
TAX ACCT. # 04 - 359356



Lot 30

CATTAIL MEADOWS DRIVE

Scale: 1" = 50' ±