

1/22/98  
C.O. 11-12  
3-26-98  
house conn  
11/12

1/22/98 Needs house  
connection (dis)  
3-26-98 has house conn (KM)  
P 59315

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XX461-9933~~ 410-313-2640

04-359240

INDEXED

A 49645-C

DISTRICT 4th

DATE 1/16/98

DATE SYSTEM APPROVED 3-26-98

INSPECTOR KM

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

ADDRESS 558-R Obrecht Rd, Sykesville, Md 21784 PHONE 410-795-5674

SUBDIVISION Cattail Woods, Sec. II LOT 22 ROAD 1708 Cattail Meadow Drive

PROPERTY OWNER Pulte Home Corp! / KVECH

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

INSTALL TRENCHES AS SHOWN ON APPROVED BUILDING PERMIT DRAWING - ANY DEVIATIONS SHOULD BE APPROVED BY THE HEALTH DEPARTMENT PRIOR TO INSTALLATION.

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 1.5 feet below original grade. Bottom maximum depth 3.5 feet below original grade. Effective area begins at 1.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Begin trenches 130 feet up the left (134.44') lot line and 40 feet off that same lot line as seen when facing the lot from Cattail Meadows Drive. Run trenches on contour toward the left lot line.

NOTES - MAINTAIN AT LEAST 100 FEET FROM WELL AND ALL PARTS OF SEPTIC SYSTEM. No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 1/2/97 OK ALM

PLANS APPROVED BY Amy McMillen REVISED DATE 12/11/97

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 WELLS (SEE PERMIT'S 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

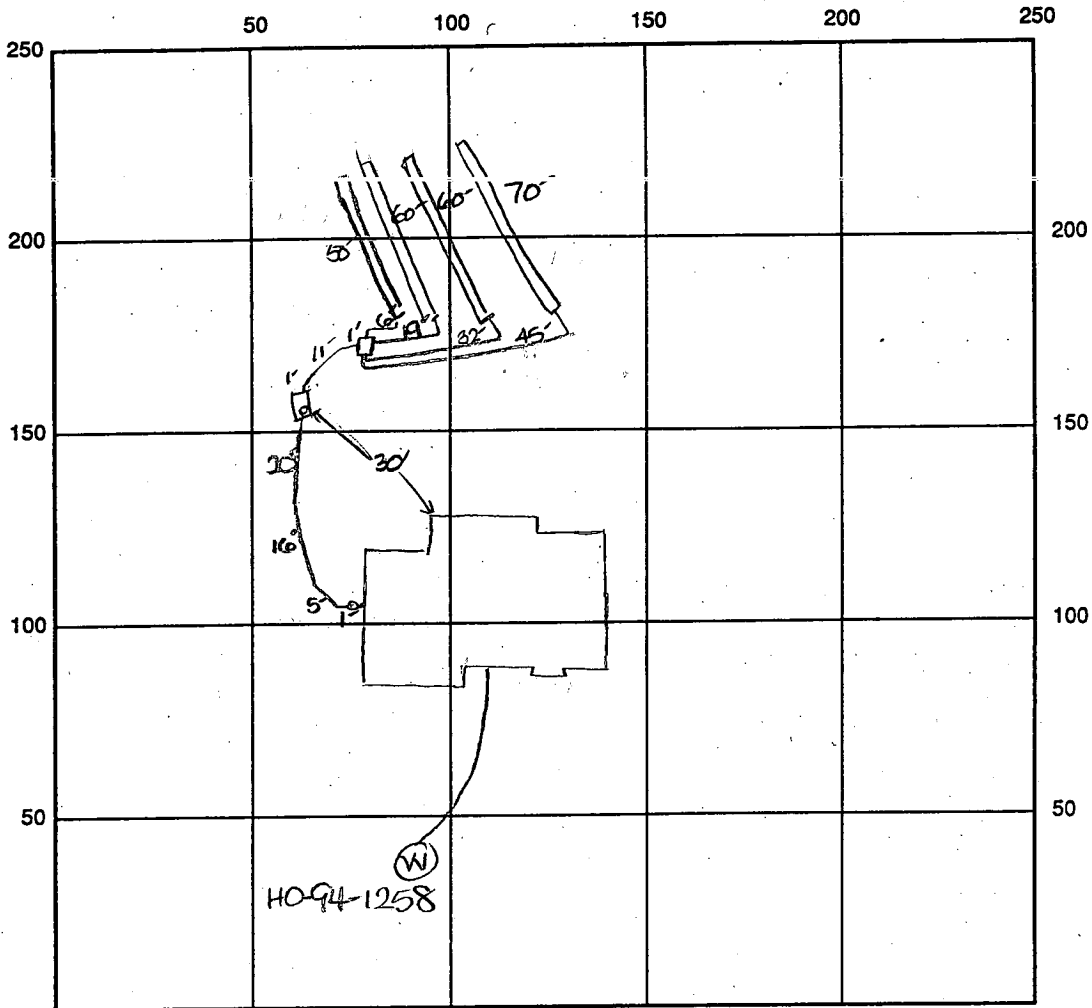
\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

BUILDING PERMIT SIGNED

AND RETURNED

10/23/03 - 800144630 - SHED  
8/14/03 - 600122888 - FINISH  
Brenner

A 49645C



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK-1250 gal      Cattail Meadows Drive  
CLEANOUTS one on sit., one at house

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 3.5 FT.      TRENCH WIDTH 3 FT.      INLET DEPTH 1.5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT.      TOTAL LENGTH ①50 ②60 ④70 → 240 FT.

NUMBER OF TRENCHES 4      ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER — FT.      EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 1/22/98 OK TO COVER ALL SEPTIC WORK - NEEDS HOUSE CONNECTIONS

3.26.98 house conn made (KM)

1/22/98 WPI - P.A. & well line 4' below grade, casing 8" max. above grade, 2-PC well cap installed - OK to cover. DKS

DATE SYSTEM APPROVED 3.26.98      INSPECTOR Kimberly Maisto

# APPLICATION

## PERCOLATION TESTING

A 49645C

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. Rulte Home Corp.

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. 22

ROAD AND DESCRIPTION End of Brittle Branch Way (1708 Cattail Meadow Drive)

TAX MAP 7 PARCEL # 137

SIZE OF LOT 1 Ac +/- TYPE BLDG. Single Family Dwelling - 4 Bed  
(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'

Empty rectangular box for soil profile notes.

Empty rectangular box for soil profile notes.

Empty rectangular box for soil profile notes.


SOIL PROFILE

0'

Empty rectangular box for soil profile notes.

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 49645C

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. 22

ROAD AND DESCRIPTION Rt 97 sld

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

A49645C

COUNTY #

SOIL PROFILE

102

1'0" topsoil  
 6" orange/brn cl  
 2 1/2' brn w/ yellow and red streaks SIL  
 shaley at 8"  
 12'

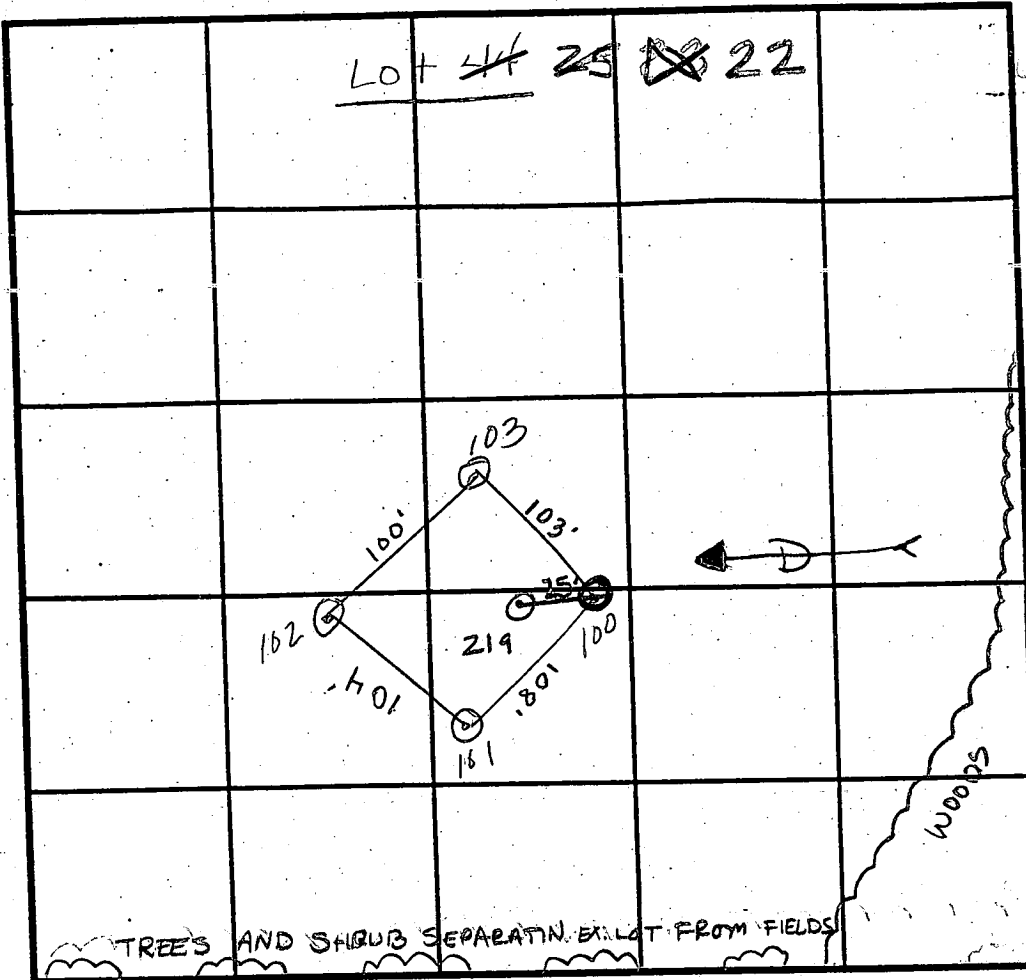
101

6" topsoil  
 yellow (dk brn) C  
 2' red/brn cl  
 3 1/2' brn w/ red & yel streaks SIL  
 shaley at 7 1/2"  
 Bad on outside only

100

6" topsoil  
 yel - orange - C  
 4 1/2' reddish brn SIL  
 shaley at 10"  
 almost 50% vermic bedding

Lot ~~44~~ 25 ~~22~~ 22



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

103

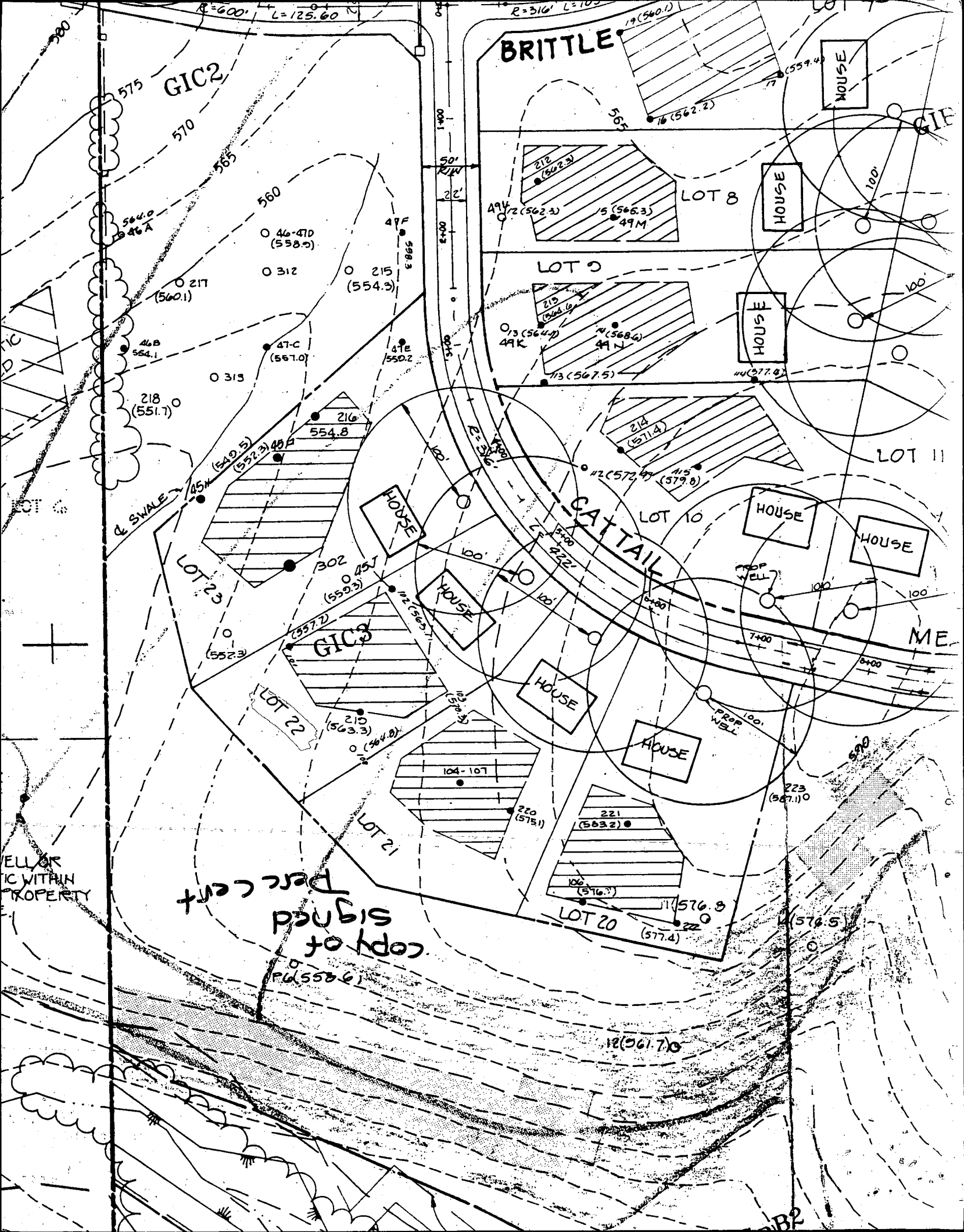
top soil  
 6" reddish orange C  
 3' yel & red streaked SIL  
 4' verticle bedding saprolite  
 7' saprolite in no arrangement

219

1g+ brn w/ some yellow SSIL  
 Saprolite and rock mix throughout OR

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/7/93	(102)	3 1/2' / 12'	10:03	10:08	10:08	10:13	5 min
*	(101)	3 1/2' / 11'	10:10	10:13	10:13	10:20	7 min
	100	5' / 12'	10:17	10:18 <sup>30</sup>	10:18 <sup>30</sup>	10:20	1 1/2 min
	(103)	3' / 11'	10:26	10:29 <sup>15</sup>	10:29 <sup>15</sup>	10:32	2 3/4 min
	101	7' / 11'	2:26 <sup>30</sup>	2:29 <sup>15</sup>	2:29 <sup>15</sup>	2:43	3 3/4 min
3/16/94	(219)	Visual to 13'					OR

REMARKS 1 1/2" system  
 TYPE OF SOIL Glenelg Loam  
 TESTED BY Amy McMillen / Jane Nucleau ALSO PRESENT B. SAUNDERS  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5 min TRENCH WIDTH 3'  
 INLET DEPTH 1.5 MAXIMUM BOTTOM DEPTH 3.5 SQ. FT./BEDROOM 180



BRITTLE

GIC2

LOT 8

LOT 9

LOT 11

LOT 10

LOT 23

LOT 22

LOT 21

LOT 20

copy of signed Dec Cent

HOUSE

HOUSE

HOUSE

HOUSE

HOUSE

HOUSE

HOUSE

HOUSE

HOUSE

WELL OR TIC WITHIN PROPERTY

PL 55861

12(561.70)

11(576.8)

12(576.5)

221 (583.2)

212 (562.3)

5 (566.3)

215 (564.7)

4 (568.6)

214 (571.4)

115 (579.8)

216 (554.8)

302 (559.3)

45J (557.7)

215 (563.3)

12 (564.8)

104-107

220 (575.1)

106 (576.7)

22 (577.4)

223 (587.1)

217 (560.1)

312

215 (554.3)

47-C (567.0)

47E (550.2)

313

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46B (554.1)

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46-47D (558.9)

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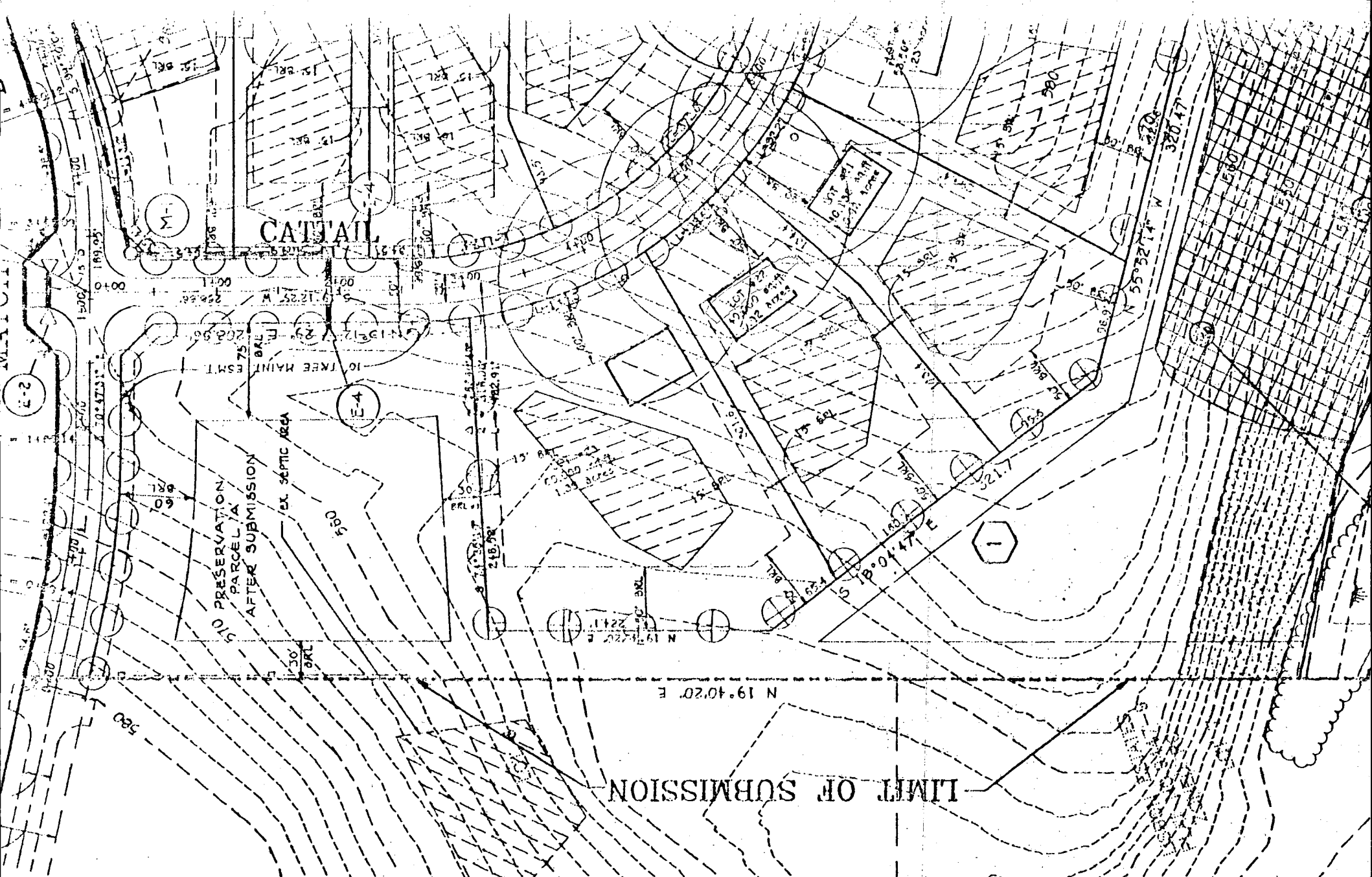
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54H (568



LIMIT OF SUBMISSION

copy of  
signed preliminary





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**HOWARD COUNTY HEALTH DEPARTMENT**

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

Date January 27, 1998

MEMORANDUM

TO: Pulte Home Corporation

1501 S. Edgewood St., Suite K

Baltimore, MD 21227

FROM: Donna K. Soe, R.S. *DKS*  
Water and Sewerage Program

RE: Cattail Woods, Lot #22

1708 Cattail Meadows Drive

BP# B00109023

The septic system serving the above referenced property has been installed. However, prior to final Health Department approval of the septic system, the following requirement(s) shall be satisfied:

- a septic pump performance test with a Health Department representative present
- confirmation by the Health Department of the connection from the house to the septic tank
- other: \_\_\_\_\_

Please contact this office at (410) 313-2640 to request reinspection when the required work is completed on the above referenced property. Please be advised that no Interim Certificate-of-Potability will be issued for the property until the issue(s) is/are resolved.

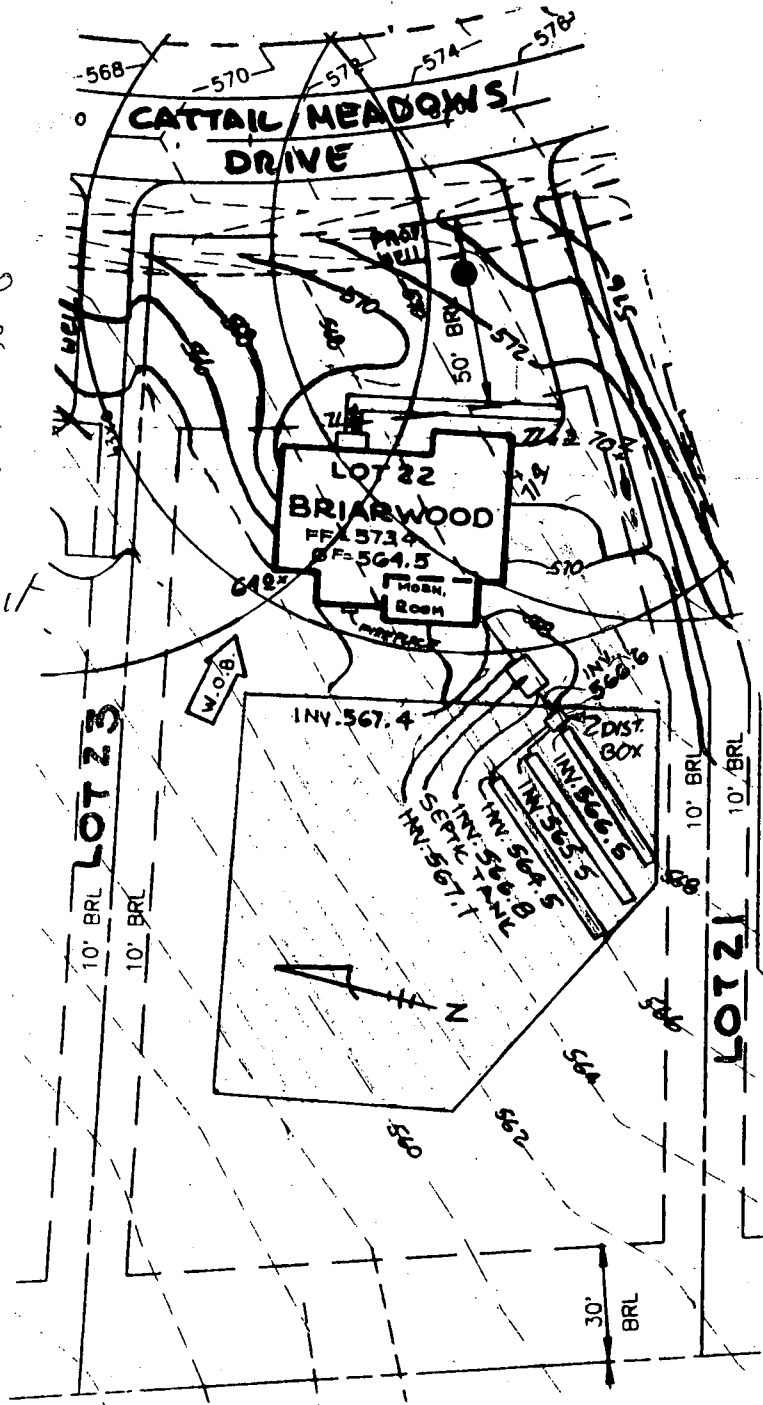
Thank you in advance for your prompt attention to this important matter.

cc: file

12/10/97  
 Revised BP  
 Plan - new  
 elevations do  
 not allow for  
 1.5' of cover  
 over ST. Greg  
 Filar to  
 fix & resubmit  
 revised plan

Am

Resolved  
 12/11/97



FF=573.4  
 BF=564.5

NOTE:

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

PLOT PLAN  
**CATTAIL WOODS**

LOT 22  
 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: DEC. 9, 1997

**T S A GROUP INC.**

8480 BALTIMORE NATIONAL PIKE, SUITE 418  
 ELLICOTT CITY, MARYLAND 21043  
 (410) 465 - 6105

Approved Septic System Plan  
Howard County Health Department

Total linear feet of trench  
required 240 feet

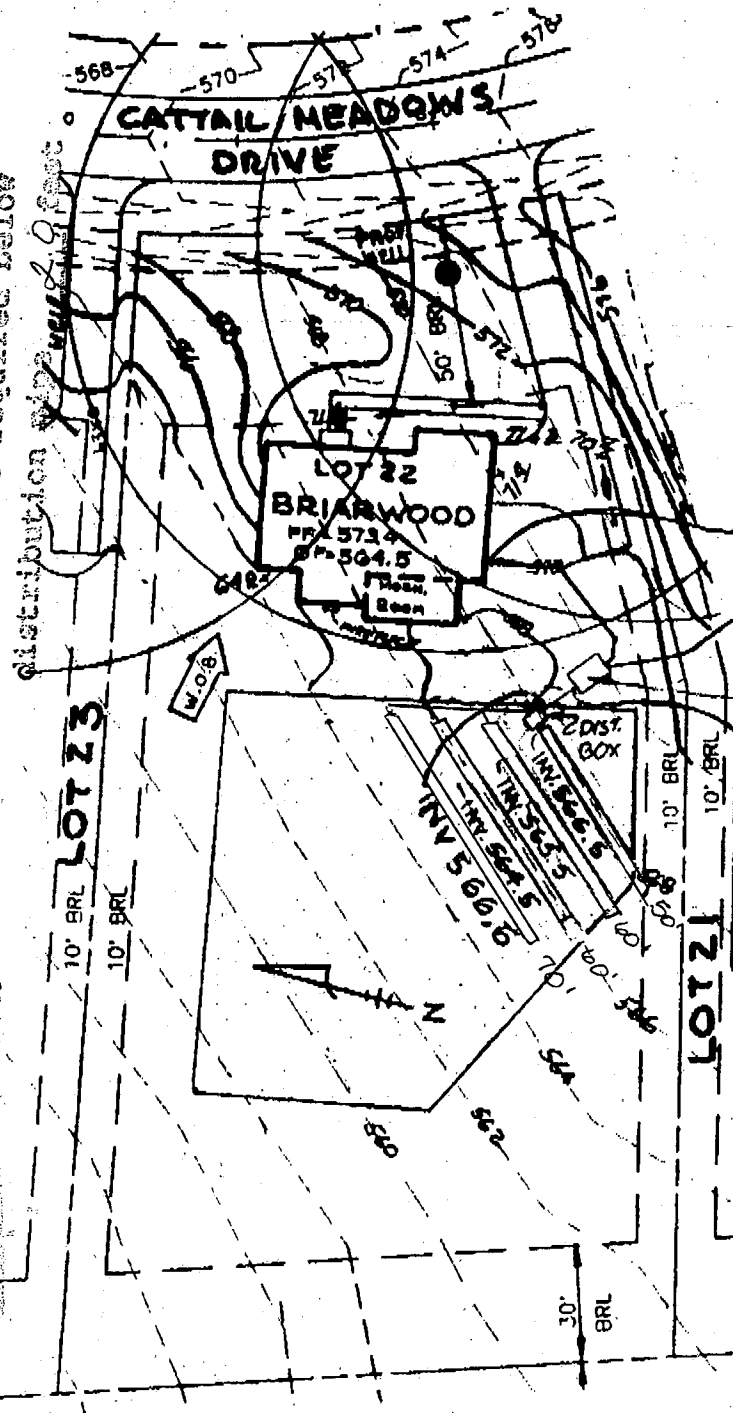
Width of trench(es) 3.0 feet

Depth of trench(es) 3.5 feet

Depth of stone required below  
distribution pipe 12.0 feet

*Amy McMillan*  
Signature

12/11/97  
Date



FF=573.4  
BF=564.5

NOTE:

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

PLOT PLAN  
CATTAIL WOODS

LOT 22  
SECTION TWO, PARCEL 5

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

TAX MAP NO.7 PARCEL 137  
PLAT NOS. 12500-12502  
4TH ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND  
SCALE: 1"=50' DATE: DEC 10, 1997

C1 9545 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 COLUMNS 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A 49645-C

DATE RECEIVED: [ ] [ ] [ ] [ ] [ ] [ ] DATE WELL COMPLETED: 09 10 97

Depth of Well: 252 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL": 110-94-1258

OWNER: Joint Venture last name: Cattan Meadows first name: Lisbon TOWN: Lisbon SUBDIVISION: Cattan Woods SECTION: 2 LOT: 22

WELL LOG Not required for driven wells

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

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include: Dirt (0-1), Soft Br. Shale (1-53), Soft Br. Shale & Quartz (53-55), Soft Br. Shale (55-70), Hard Blue & Br. Shale (70-100), Br. Shale (100-101), Blue Schist (101-178), Opened Blue Schist (178-179), Blue Schist (179-252).

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N). TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC). NO. OF BAGS: 28 NO. OF POUNDS: 2632. GALLONS OF WATER: 168. DEPTH OF GROUT SEAL (to nearest foot) from 0 to 72 ft.

CASING RECORD

MAIN CASING TYPE: S (STEEL) T (CONCRETE) PL (PLASTIC) OT (OTHER). Nominal diameter top (main) casing (nearest inch): 6. Total depth of main casing (nearest foot): 74.

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

SCREEN RECORD

screen type or open hole: ST (STEEL) BR (BRASS BRONZE) PL (PLASTIC) HO (OPEN HOLE) OT (OTHER). Slot size: 1, 2, 3. DIAMETER OF SCREEN (NEAREST INCH): 56 to 60.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: YES (Y) NO (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...

TYPE: MWD/MSD/MGD DRILLERS LIC. NO. MD256

Dana Kyker Jr II

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION): Dana Kyker Jr II LIC. NO. MWD 256

SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee): Dana Kyker Jr II

DEPTH (nearest ft.)

Table for depth measurement in feet, with columns for each foot from 1 to 51. Row 1: H O 7 4 2 5 2. Row 2: 23 24 26 30 32 36. Row 3: 38 39 41 45 47 51.

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 (74 75 76)

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour): 3

PUMPING RATE (gal. per min.): 8.5

METHOD USED TO MEASURE PUMPING RATE: submersible

WATER LEVEL (distance from land surface) BEFORE PUMPING: 40 ft.

WHEN PUMPING: 87 ft.

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) YES 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)

PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height) + above - below

LAND SURFACE (nearest foot): 2

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 signatures: Dana Kyker Jr II, Cattan Meadows, Dwell



**SEND REPORT TO:**

DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
 Laboratories Administration  
 201 W. Preston St.  
 P.O. Box 2355, Baltimore, Maryland 21203  
 J. Mehsen Joseph, Ph.D., Director

Lab No. \_\_\_\_\_ Date Received \_\_\_\_\_

**HOWARD COUNTY HEALTH DEPARTMENT**  
**BUREAU OF ENVIRONMENTAL HEALTH**  
 3525-H ELLICOTT MILLS DRIVE  
 ELLICOTT CITY, MD 21043

C301044 211 88

**WATER ANALYSIS**

Do not write above this line.

A  
M  
P  
L  
E  
I  
D

Bottle Number: ~~HO-94-1258~~ *440-2907* Name: *Joint Venture* County: *Howard* County Code: *13*

Source: *Cattail Woods Lot 22, Cattail Meadows Drive* Data Category Code: *4F*

Collected: Date *9/10/97* Time *11:35* Collector & Phone: *Kim Maiste 313-2640* Submitter Code: *[X]*

CHECK (one per box)

Drinking Water <input type="checkbox"/>	Community Non-community Private Other <input type="checkbox"/>	Source (raw water) <input checked="" type="checkbox"/>	Emergency Routine Recheck Special <input type="checkbox"/>	Federal Project <i>S</i>
Landfill <input type="checkbox"/>		Distribution (treated) <input type="checkbox"/>		
Stream <input type="checkbox"/>		MCL <input type="checkbox"/>		
Other <input type="checkbox"/>				

F  
I  
E  
L  
D

Plant No. [ ] [ ] [ ] [ ] Sampling Station [ ] [ ] [ ] [ ] Preservation: Iced  Acid  Type of Acid *H<sub>2</sub>SO<sub>4</sub>*

pH [ ] [ ] Chlorine: Free [ ] [ ] Total [ ] [ ] Specific Conductance [ ] [ ] [ ] [ ]

Notes to Lab/Remarks: *HO-94-1258* *J. Z. A.*

CHECK TESTS	TESTS	CODES	ERROR CODE	G/L	RESULTS	DATE ANALYZED	ANALYST INITIALS
	Alkalinity (Total)	00410					
	Alkalinity, Ca CO <sub>3</sub> Sat.	74023					
	Ammonia - N	00608					
	Chloride	00940					
	Color*	00081					
	Conductance*, spec.	00095					
	Dissolved Solids	70300					
	Hardness	00900					
	Fluoride	00951					
	Nitrite, N	00615					
<input checked="" type="checkbox"/>	Nitrate - Nitrite, N	00630			<i>6.6</i>	<i>9-12-97</i>	<i>BA</i>
	pH*, Ca CO <sub>3</sub> Sat.	70311					
	Sulfate	00945					
	Total Solids	00500					
	Turbidity*	00076					
	Other:						
<i>Matched cube of sample T.D. delivered from Howard Co.</i>							
<i>* Verified this is proper number via phone call to Ms. Sue on 9-11-97</i>							
<i>Jean Smith</i>							

\* Results reported in Units, all others in milligrams per liter (ppm)

Number of Tests Requested: *01*

Section Chief: *Asoka I. Katumuluwa*  
 SUBMITTER'S COPY

Date Reported: *SEP 16 1997*

**Partial List of Submitter Codes**

RECEIVED  
HOWARD COUNTY HEALTH DEPT.  
ENVIRONMENTAL HEALTH  
1997 SEP 18 P. 2: 21

Code Description

1-30 County Codes  
41 Individual Septics & Wells Program  
42 Water Supply Program  
43 Recreational Sanitation & Migrant  
Camps, DHMH  
44 STP Inspection Division  
45 Hazardous & Solid Waste Admin.  
(Landfill Samples)  
46 Pre-Treatment Enforcement Division  
48 Licensing and Certification, DHMH  
52 Water Quality Monitoring Program

Code Description

53 Chesapeake Bay & Special Projects  
59 Standards & Certification Program  
63 Division of Food Control  
64 Engineering & Maintenance, DHMH  
65 Division of Community Services  
66 Office of Attorney General  
67 Dept. of General Services  
77 E.P.A.  
91 State Highway Administration  
96 L.U.S.T./U.S.T./CERCLA  
99 Unknown

**Codes for Federally Funded Projects (leave box blank if not federal)**

Code Description

S Safe Drinking Water Act (SDWA)  
  
R Resource Conservation and  
Recovery Act (RCRA)

Code Description

N National Pollution Discharge  
Elimination System (NPDES)  
  
M Miscellaneous (Other)

**Partial List of Data Category Codes**

Code Description

1F Sediment Samples  
2A Industrial Effluents/Compliance  
2B Industrial Grab  
2C Municipal Compliance  
2D Municipal Grab  
4A MCL Surveys  
4B Routine Monitoring & Other  
Communities  
4D Potable - County Community  
4E Potable - Non Community  
4F Potable - Private Wells  
4G Real Estate Trans./Charge Samples

Code Description

2F Innovative Disposal  
5A Solid Waste/Landfills  
5B Kidney Dialysis  
5C Commercial Bottled Waters  
5D Misc. Wastewaters  
5E Misc. River/Stream  
5F Misc. Drinking Water  
5G Swimming Pools  
5H Marine or Estuarine Natural Bathing  
Areas

**Partial List of Error Codes**

Code Description

A Laboratory Accident  
C Mechanical/Materials failure  
D Insufficient Sample  
E Sample past holding time

Code Description

J Wrong sample type  
RR No sample received  
X Improper preservation  
LL Mislabeled sample

**B 1** 8796 SEQUENCE NO. (MDE USE ONLY) STATE OF MARYLAND PERMIT TO DRILL WELL STATE PERMIT NUMBER HD-94-11258

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) please print or type fill in this form completely

**B 2** 080497 DATE RECEIVED (APA) **OWNER INFORMATION**

VENTURA SOLUNT 206  
15 Last Name Owner First Name 34

15555 UNION CLAPEL RD  
36 Street or RFD 55

Woodbine MD 21797  
57 Town 70 State 72 Zip 76

**B 3** LOCATION OF WELL

HOWARD 8 COUNTY 21  
CATTAIL WOODS 23 SUBDIVISION 42

SECTION     LOT 22  
44 46 48 50

DISBON 52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 0.75 MI  
73 76 77 78

**DRILLER INFORMATION** CIRCLE: MSD/MGD/MWD.

DANA KYKEL JR 206  
Driller's Name 77 License No. 80

WESTMINSTER ROTARY WELL DRILLING INC  
Firm Name

P.O. BOX 61 WESTMINSTER, MD  
Address

Dana Kjel 7-29-97  
Signature Date

**B 4** DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

NEAR WHAT ROAD CATTAIL MEADOWS 11 30

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

DISTANCE FROM ROAD 30 34 37  
ENTER FT OR MI FT 38 39

TAX MAP: 7 BLK:     PARCEL 137

**B 2** WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 6 2 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 400 14 20

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

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) 36 24

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 A 49645-C  
COUNTY NAME COUNTY NO.

STATE SIGNATURE Kimberly Maish INSERT S  DATE ISSUED 8/11/98 41

43 NORTH GRID 542000 48 CO SIGNATURE EAST GRID 0781000 57 63  
50 55 57 63

APPROXIMATE DEPTH OF WELL 225 FEET 24 28

APPROXIMATE DIAMETER OF WELL 6 INCH. 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

39  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)

APPROX. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_ 54 63

FORCE KM WRITE INITIALS IN BOX PERMIT No. HD-94-11258  
67 68 70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- city
- 
- 

WRITE THE BOX NUMBER FROM THE MAP HERE

E 781  
N 542 000 000

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

SPECIAL CONDITIONS  
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

COUNTY: \_\_\_\_\_





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HOWARD COUNTY HEALTH DEPARTMENT

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*Diane L. Matuszak, M.D., M.P.H., County Health Officer*

March 14, 2000

Timothy Kvech  
1708 Cattail Meadows Drive  
Woodbine, MD 21797

RE: Building Permit Application B00122888  
Cattail Woods, Sec. 2 Lot 22  
1708 Cattail Meadows Drive  
Proposed Additional Bedroom

Dear Mr. Kvech:

This office has recently recommended approval of the above referenced building permit application. It is important to recognize that any future proposed bedroom addition may require the evaluation of septic system capacity which could result in the installation of additional septic system components.

The Health Department's recommendation for approval is based on your acceptance of this condition.

If you have any questions, please call me at (410)313-2640.

Very truly yours,

Steven R. Krieg, Sanitarian  
Water and Sewerage Program

SRK

cc: File ✓

