

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 59315

A 49647

DISTRICT 4th

DATE 1/16/98

DATE SYSTEM APPROVED 2/17/98

INSPECTOR AS

*04-359550*

*1/22/98  
C.D. #12  
1/26/98 10:00  
1/27/98 ASAP  
2/17/98 a.m.c.o.  
2/13/98 my time  
72:00*

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXX-XXXX~~

410-313-2640

## INDEXED

Fogle's Septic Clean, Inc.

IS PERMITTED TO INSTALL X ALTER

ADDRESS 558 Obrecht Road, Sykesville, Maryland 21784

PHONE 410-795-5674

SUBDIVISION Cattail Woods

LOT 47

ROAD 1720 Cattail Woods Drive

PROPERTY OWNER Pulte Home Corp.

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180 240

TRENCHES - Trench to be <sup>3</sup>/<sub>2</sub> feet wide. Inlet <sup>5</sup>/<sub>8</sub> feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 105 feet up the left (243.82') lot line and 85 feet off that same lot line as seen when facing the lot from Cattail Woods Lane. Run trenches on contour toward the right (264.18') 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.

*1/28/98 spoke to Kurt @ Fogle's plumbing exits house below footers - I suggested that we could convert to 3' wide trenches. JS*

PLANS APPROVED BY Glen Savage ok AS 12/10/97

DATE 12/02/97

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) AND RETURNED 5/11/2000

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

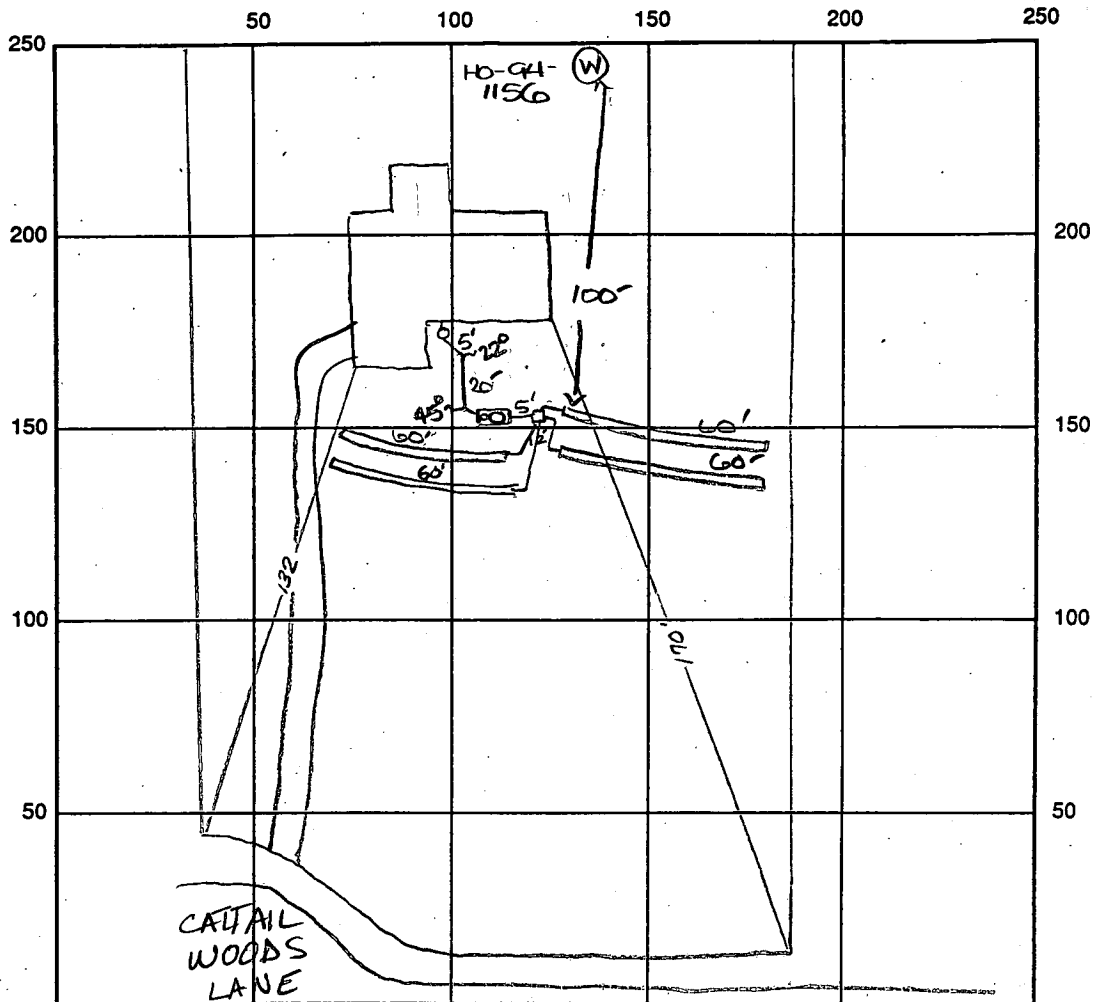
PERMIT VOID AFTER TWO YEARS

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 49647*



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

4' MANTLE RISER ON S.T.

SEPTIC TANK LEVEL OK - 1250

CLEANOUTS one at house, one on s.t.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 1 | 2, 3  
5 | 7 FT.

TRENCH WIDTH 3 FT.

INLET DEPTHS 1 | 2, 3  
5 | 7 FT. 4  
5

EFFECTIVE GRAVEL DEPTH 2 FT.

TOTAL LENGTH 4 x 60 FT. = 240

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: 1/20/98 Site INSQ revealed 4' fill in upper edge of SDA-contact bldr. ALM  
2/3/98 Builder indicated that he raised house 10' to get bsmt service - but topo  
off by 2' - meet installer to determine needed inlet depth to DB to make gravity - if  
it's not possible - plumbing may need to be changed ALM 2/2/98 Builder & installer report  
they can come into DB at 4.7' - OK to proceed. ALM  
2/13/98 OK to cover work - need to add inst trench. DKS  
1/22/98 WPI OK - pitless adaptor 3' below grade - collar (by well driller) 3' from top of casing

DATE SYSTEM APPROVED 2/17/98

INSPECTOR [Signature]

# APPLICATION

PERCOLATION TESTING

A 49647B

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 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. 53 47

ROAD AND DESCRIPTION End of Brittle Branch Way (1720 Cattail Woods Drive)

TAX MAP 7 PARCEL # 137

SIZE OF LOT 1 Ac +/- TYPE BLDG. Single Family Dwelling - 4 Bed  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

~~OLD PERMIT SIGNED~~  
~~AND RETURNED 12-2-92~~  
Serial # BM 108953

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 49647B

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 9-23-93

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. 47

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 \_\_\_\_\_

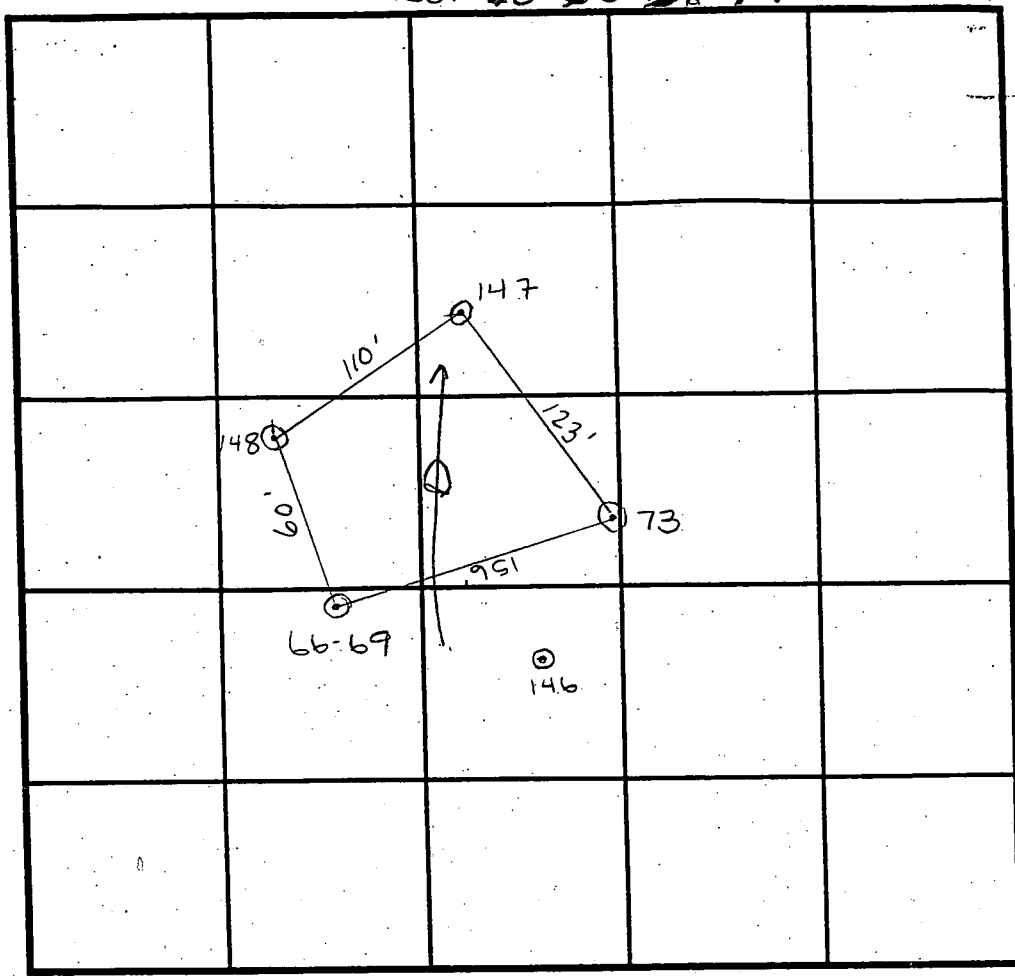
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

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

# THIS IS NOT A PERMIT

A 49647B  
COUNTY #

Lot 23 50 ~~48~~ 47



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE  
73  
10'  
Red & Yel streaked SIL  
w/ possible 30% Shale

66-69  
red c  
1'  
yel/brn & (red streaked) SIL  
7'  
Saprolite

147  
2 1/2'  
brn c  
Lgt brn SIL  
10% Shale

SOIL PROFILE  
148  
reddish brn c  
4 1/2'  
lgt brn w/ red SIL  
12'  
146  
red/orange c  
2'  
orange/brn SIL  
6'  
brn SIL  
30% rock  
12'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
12/1/93	(73)	2' / V12'	3:01	3:07	3:07	3:14	7min
		7' / V12'	2:00	2:02 <sup>30</sup>	2:02 <sup>30</sup>	2:12	1 1/2 min
	(66-69)	2 1/2' / V13'	2:43 <sup>15</sup>	2:45	2:45	2:47 <sup>30</sup>	2 1/2 min
11/4/93	(147)	3' / V13'	11:05	11:07	11:07	11:09 <sup>30</sup>	2 1/2 min
	148	3 1/2' / V12'	11:17	11:20 <sup>30</sup>	11:20 <sup>30</sup>	11:25	4 1/2 min
	(146)	2' / V12'	11:58	11:59 <sup>45</sup>	11:59 <sup>45</sup>	12:03	3 1/4 min

REMARKS Hold low holes for wet season tests  
 TYPE OF SOIL Glenelg Loam  
 TESTED BY Amy McMillen / C Williams ALSO PRESENT B. SANDERS  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5 min TRENCH WIDTH 2'  
 INLET DEPTH 3' MAXIMUM BOTTOM DEPTH 7' SQ. FT./BEDROOM 180 ft<sup>2</sup>





PROPERTY OF LISBON ESTATES  
PLAT NO. 9447-9449  
ZONED RC

LOT 3

LOT 2

1587.07'

N 19°40'20" E

233.30'

212.03'

41.21'

142.97'

392.12'

LOT #38  
51,351 sq.ft.  
1.18 acres

LOT #39  
58,508 sq.ft.  
1.34 acres

LOT #40  
59,928 sq.ft.  
1.38 acres

LOT #41  
54,108 sq.ft.  
1.24 acres

LOT #42  
55,081 sq.ft.  
1.26 acres

LOT #43  
56,137 sq.ft.  
1.29 acres

LOT #44  
50,298 sq.ft.  
1.15 acres

LOT #47  
40,042 sq.ft.  
0.92 acres

LOT #46  
40,033 sq.ft.  
0.92 acres

LOT #45  
59,747 sq.ft.  
1.37 acres

10' TREE MAINTENANCE  
EASEMENT (PUBLIC)

CATTAIL WOODS  
SECTION 2  
(F-95-108)

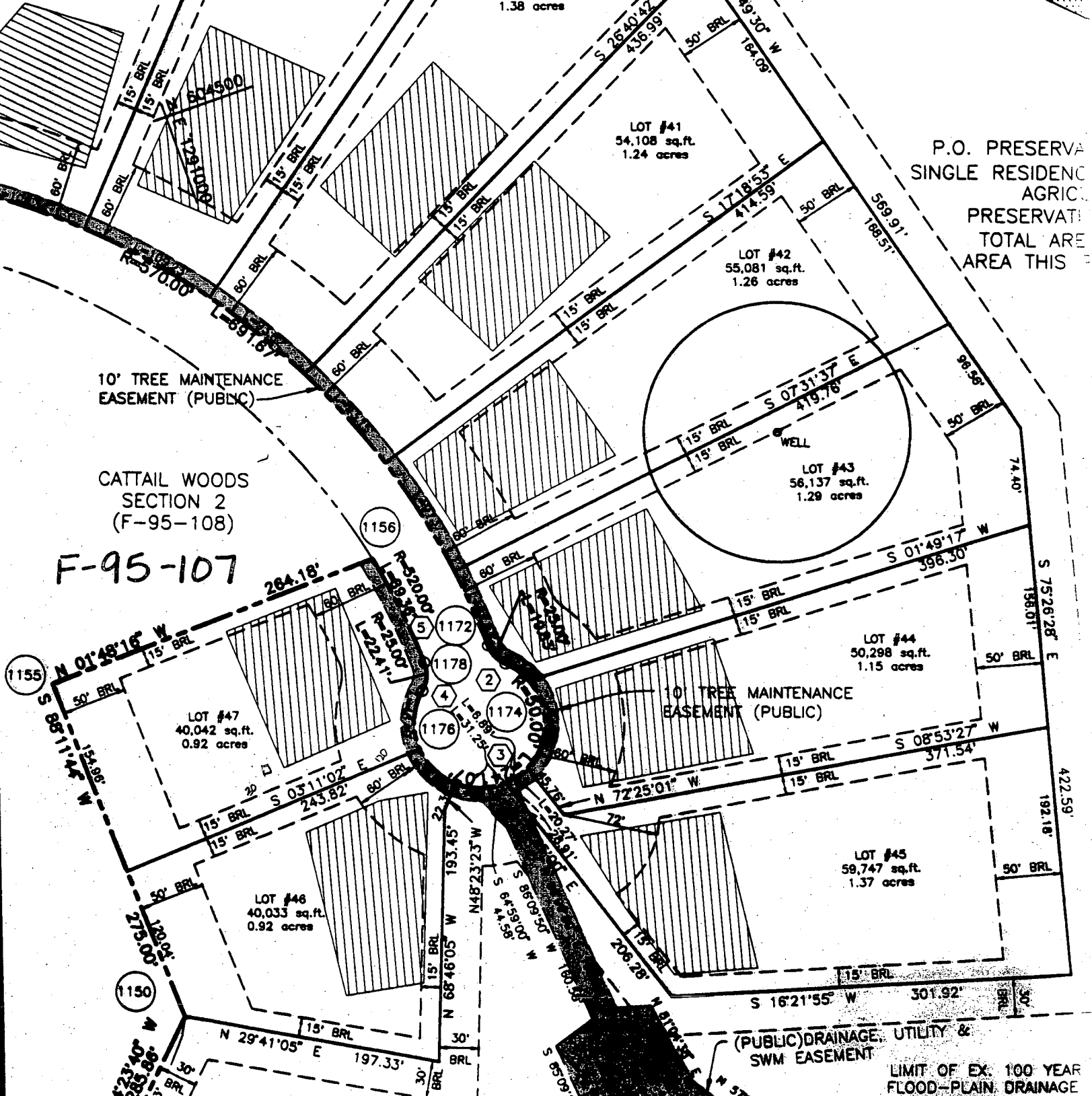
F-95-107

P.O. PRESERVA  
SINGLE RESIDENC  
AGRIC  
PRESERVATI  
TOTAL ARE  
AREA THIS

10' TREE MAINTENANCE  
EASEMENT (PUBLIC)

(PUBLIC) DRAINAGE, UTILITY &  
SWM EASEMENT

LIMIT OF EX. 100 YEAR  
FLOOD-PLAIN DRAINAGE  
AND UTILITY EASEMENT (0.56



C1 5385

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A49647B

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

060597

052497

22 227 26 (TO NEAREST FOOT)

H0-94-1156

OWNER 206 Joint Venture last name first name TOWN CATTAIL WOODS Lane LISBON SUBDIVISION SECTION LOT 47

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows include Dirt, Soft Br. Shale & Clay, Soft Br. & Blue Shale, etc.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY, NO. OF BAGS 41, NO. OF POUNDS 3854, GALLONS OF WATER 246, DEPTH OF GROUT SEAL 0 to 121 ft.

CASING RECORD: casing types insert appropriate code below, MAIN CASING TYPE S T, Nominal diameter 6 inch, Total depth 123 feet.

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

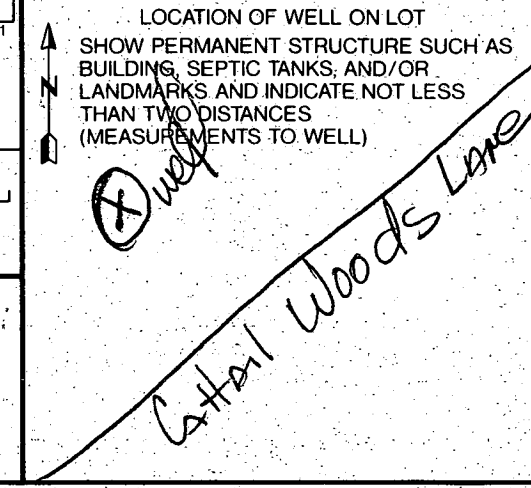
SCREEN RECORD: screen type or open hole insert appropriate code below, SCREEN HOLES 1-3, SLOT SIZE 1-3, DIAMETER OF SCREEN 60 inch.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F. IN BOX 68, MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER), TELESCOPE CASING LOG INDICATOR OTHER DATA.

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 12 gal. per min., METHOD USED TO MEASURE PUMPING RATE submersible, WATER LEVEL 36 before pumping, 95 when pumping, TYPE OF PUMP USED submersible.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES NO, TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O), CAPACITY GALLONS PER MINUTE, PUMP HORSE-POWER, PUMP COLUMN LENGTH, CASING HEIGHT above/below LAND SURFACE.

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED Y N, CIRCLE APPROPRIATE LETTER A, E, P, 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 IDENT. NO. MWD256, Dana Kyker Jr II, SITE SUPERVISOR.



B 1 **4570** SEQUENCE NO. (MDE USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

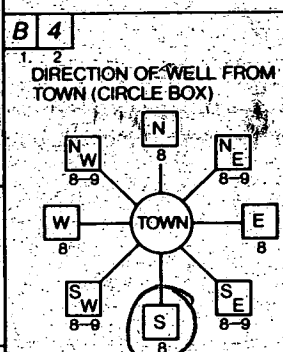
STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

STATE PERMIT NUMBER  
**HD-94-1156**  
 fill in this form completely

Date Received (APA) **051397**  
 OWNER INFORMATION  
 UENTURE JOINT 206  
 15 Last Name Owner First Name 34  
 15555 SAUNION CIRCLE  
 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 **2** LOT **47**  
 44 46 48 50  
 41560N  
 52 NEAREST TOWN 71  
 MILES FROM TOWN (enter 0 if in town) **1** MI  
 73 76 77 78

DRILLER INFORMATION  
 DANA KYRE JR TT  
 Driller's Name 77 License No. 80 **256**  
 WESTMINSTER ROTARY WELL DRILLING INC.  
 Firm Name  
 P.O. Box 861 Westminster Md 21157  
 Address  
 Dana Kyrre Jr TT 5-9-97  
 Signature Date



CATTAIL WOODS LANE  
 11 NEAR WHAT ROAD 30  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 NORTH  
 WEST EAST  
 SOUTH  
 34 **270** 37  
 DISTANCE FROM ROAD  
 ENTER FT OR MI **77**  
 38 39  
 TAX MAP: **7** BLK: \_\_\_\_\_ PARCEL **137**

B 2 WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) **6**  
 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)  
 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 CO A49647-B  
 COUNTY NAME COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ INSERT S   
 DATE ISSUED **051597** **Amullen** **5/15/98**  
 43 48 CO SIGNATURE EXP DATE  
 NORTH GRID **542000** EAST GRID **0781000**  
 50 55 57 63

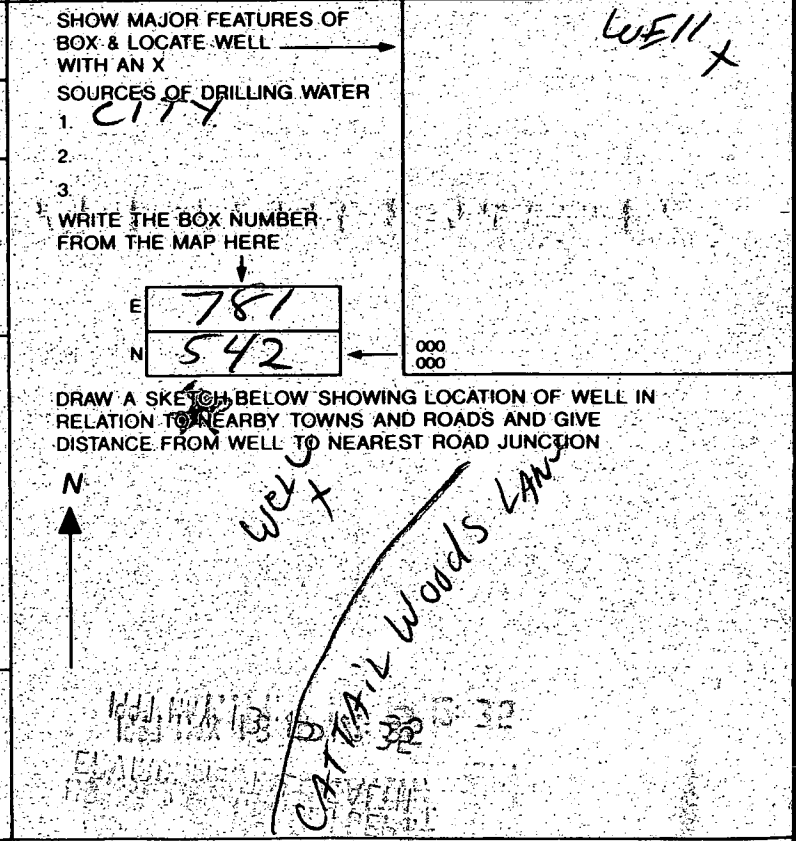
APPROXIMATE DEPTH OF WELL **225** FEET  
 24 28

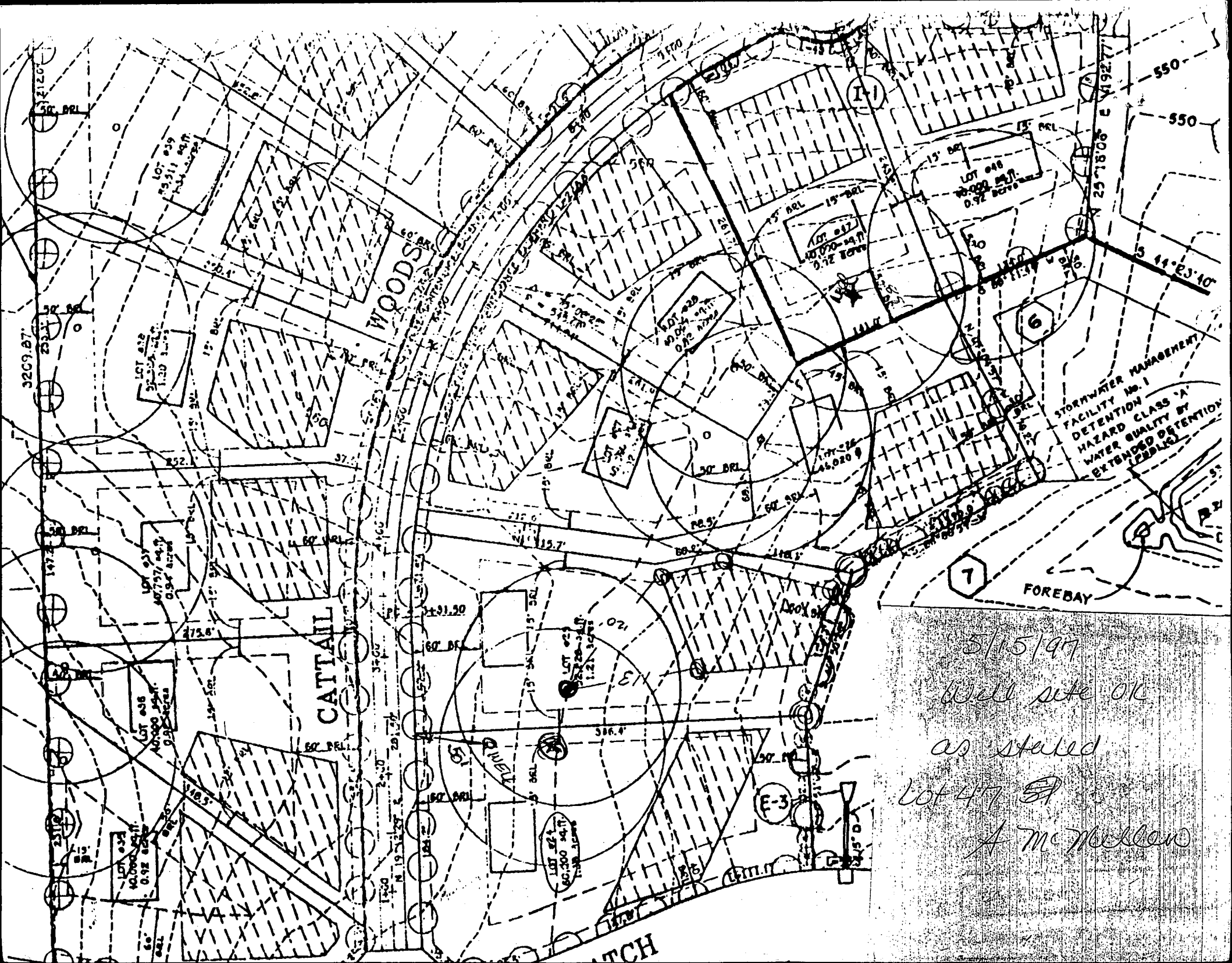
APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

METHOD OF DRILLING (circle one)  
 BORED (or Augered)  JETTED  Jetted & DRIVEN   
 30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)  
 31 CABLE REVerse-ROTary DRIVE-POINT  
 other \_\_\_\_\_

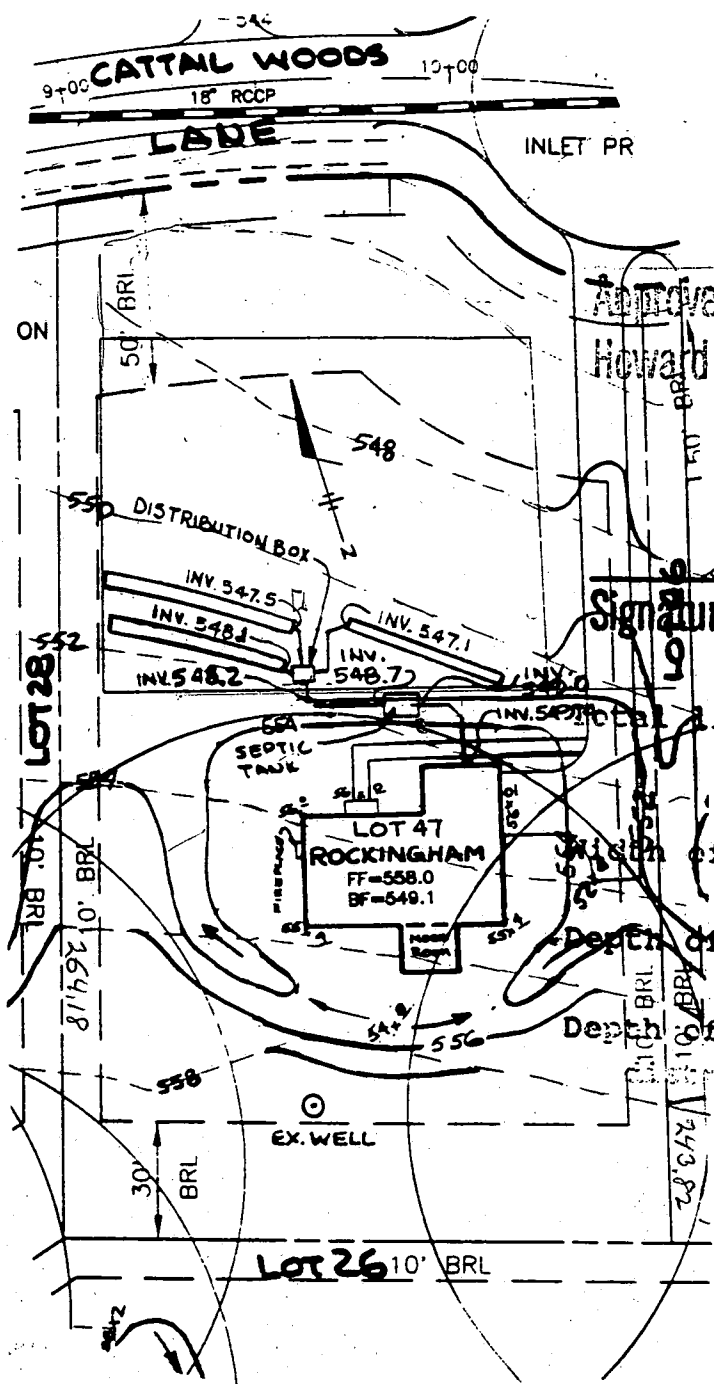
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)  
 THIS WELL WILL NOT REPLACE AN EXISTING WELL  
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
 39  THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
 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)  
 APPROP. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_  
 54 63  
 FORCE **AM** WRITE INITIALS IN BOX PERMIT No **HD-94-1156**  
 67 68 70 71 72 73 74 75 76 77 78 79





5/15/97  
 Well site OK  
 as stated  
 Lot 477  
 A McMillen



Approved Septic System Plan  
Howard County Health Department

B00108935

*[Signature]*  
Signature \_\_\_\_\_ Date 12/2/97

Linear feet of trench required 180 feet  
 Width of trench (es) 2 feet  
 Depth of trench (es) 7 feet  
 Depth of stone required below distribution pipe 4 feet

551.8  
 "6 Applied  
 3 1/2 3.0

FF= 558.0  
 BF= 549.1

PLOT PLAN  
CATTAIL WOODS

LOT 47  
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: NOV. 7, 1997

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

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

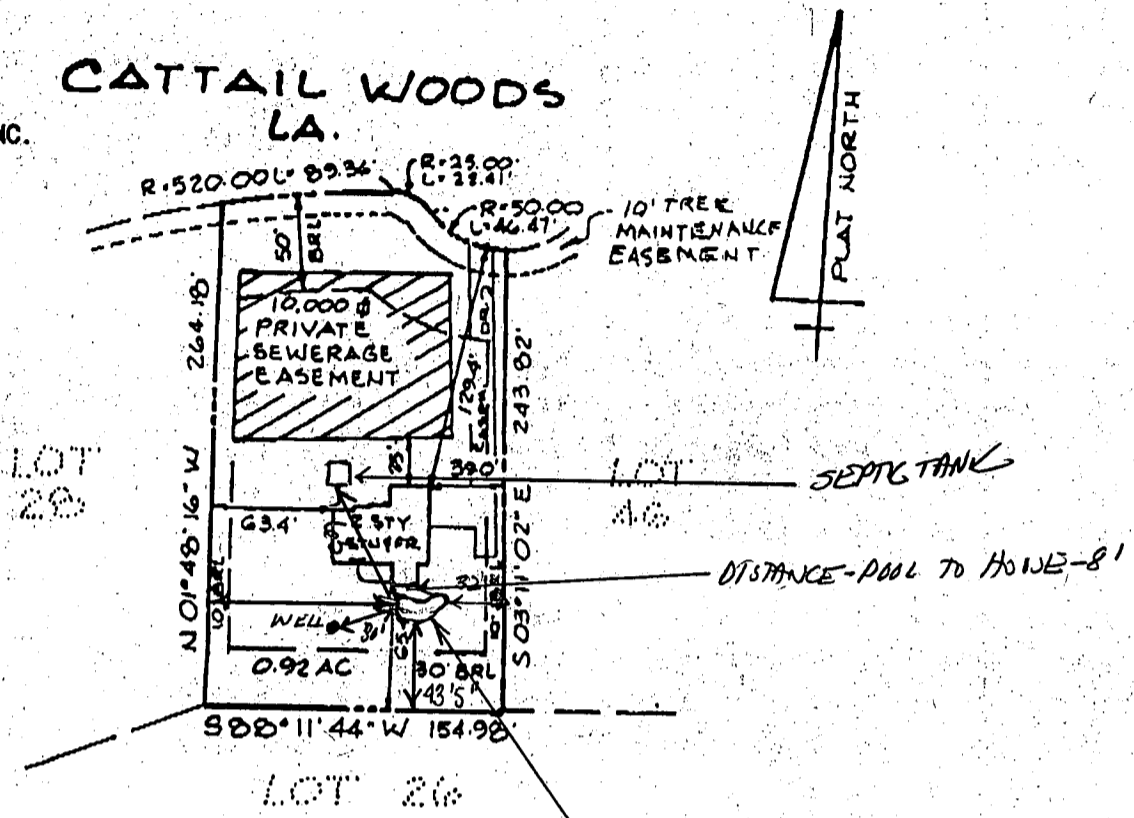
- check possibility of adjusting  
esmt.

# M/M BENDIX 1720 CATTAIL WOODS LA.

THIS LOCATION DRAWING IS OF BENEFIT TO A CONSUMER ONLY INsofar 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 SUFFICIENT FOR SETTLMENT PURPOSES, BUT BEING INSUFFICIENT FOR THE SETTING OF PROPERTY CORNER PINS ON THE GROUND.

TRI-COUNTY POOLS INC.  
13410 MOSER ROAD  
THURMONT, MD 21788  
(301) 898-3030

## CATTAIL WOODS LA.

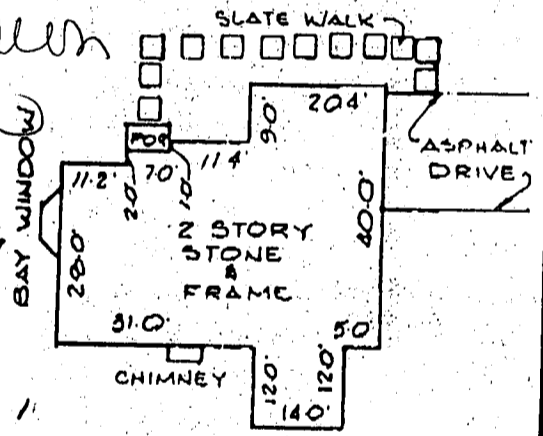


Pool Size 14' x 28' (KIONEX)

5/11/00 Proposed pool location

DISTANCES: OK as shown

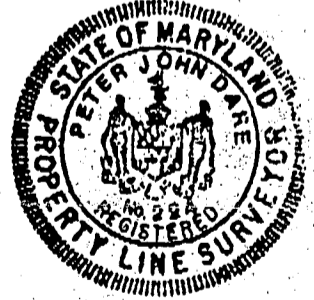
- Pool to house - 8'
- Pool to rear line 43' 5"
- Pool to right lot line - 96'
- Pool to left lot line - 32'
- Pool to septic tank 63'
- TOP OF FOUNDATION WALL ELEV. 556.9'
- Pool to septic reserve 80'
- Pool to front lot line 206'



SCALE 1" = 30'

### SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE LOCATION DRAWING SHOWN HEREON IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE IMPROVEMENTS HAVE BEEN LOCATED AS THE RESULT OF A FIELD SURVEY, AND THAT THERE ARE NO VISIBL ENCROACHMENTS UNLESS SHOWN. THE PROPERTY DOES NOT LIE WITHIN A FLOOD HAZARD AREA ON THE FEMA FIRM IDENTIFIED BELOW. AT THE WRITTEN REQUEST OF THE PURCHASER, NO PROPERTY CORNER MARKERS HAVE BEEN SET.



*Peter J. Dare*  
PETER J. DARE  
MD. PROPERTY LINE SURVEYOR #224  
3-17-98  
FINAL

LOCATION DRAWING  
CATTAIL WOODS  
SECTION 2

RECORD PLAT No. 12504  
FIMA FIRM No. 240044 0007 B  
DATED DECEMBER 4, 1986

LOT 47

1720 CATTAIL WOODS LA.

TSA GROUP, INC.  
planning • architecture • engineering • surveying  
8480 BALTIMORE NATIONAL PIKE SUITE 418  
ELLCOTT CITY, MARYLAND 21043  
(410) 465-8105

4TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 100' DATE: 12-31-97