

10/29/97  
Any time  
11-20-97  
10.00  
11/18/97  
11/25/97  
a.m.

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 59107

A 49646-E

DISTRICT 4th

DATE 10-22-97

DATE SYSTEM APPROVED 11/25/97

INSPECTOR ALM

*01-359437*

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 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, Sec. II LOT 37 ROAD 1709 Cattail Woods Lane

PROPERTY OWNER Pulte Home Corporation

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 2.5 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 2.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 130 feet up the left (275.65') lot line and 70 feet off that same lot line, as seen when facing the lot from Cattail Woods Lane. Run trenches on contour toward the left front lot corner.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *7/29/97 OK ALM*

PLANS APPROVED BY Amy McMillen/Ronald J. Pinkley DATE 09/26/97

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**

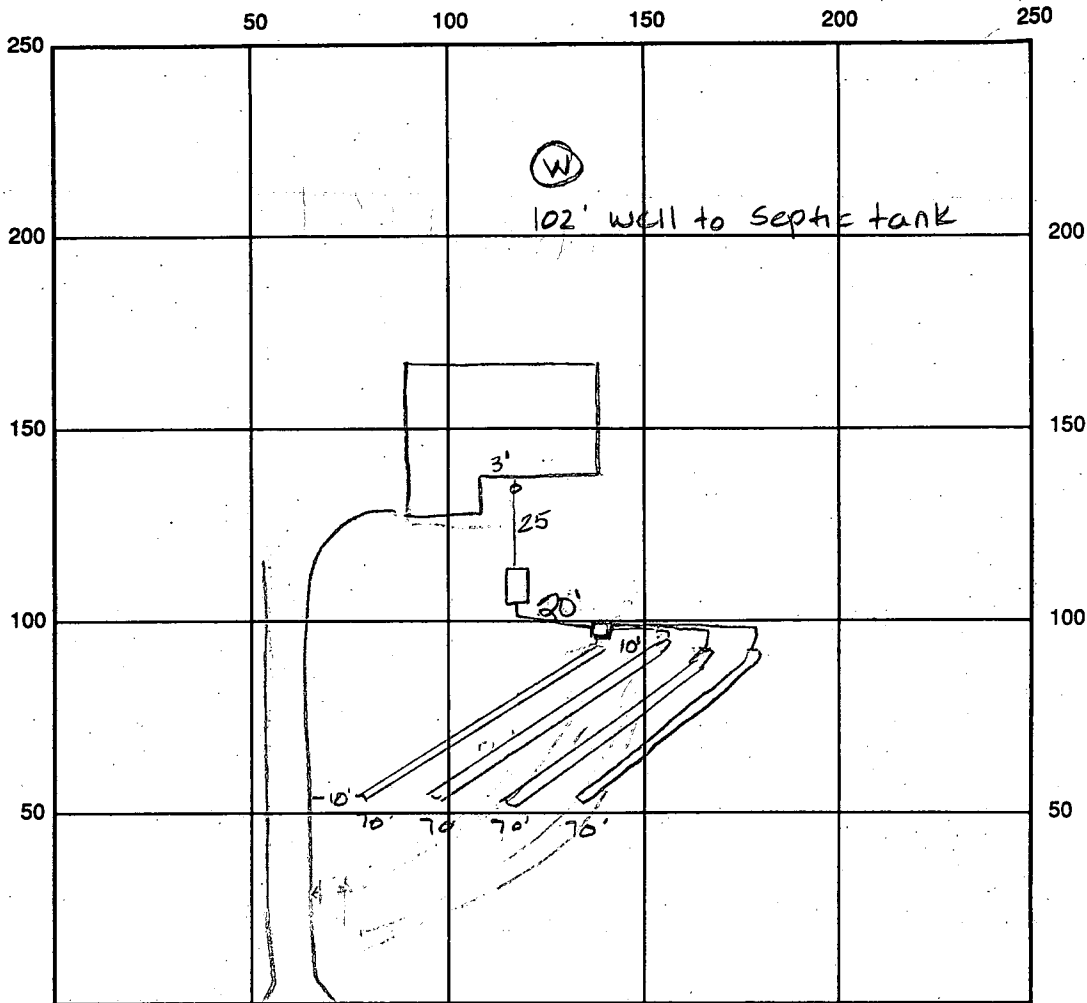
HD-260(6-90)

**\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

**BUILDING PERMIT SIGNED AND RETURNED**

*10m BOO/50945-Sun 200m*

*A 11/25/97*



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
Cattail Woods Lane

SEPTIC TANK LEVEL OK CLEANOUTS 1 at house

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 6.5 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 4.5 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 280 FT.

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.

DRYWALL INSIDE DIAMETER      FT. EFFECTIVE DEPTH BELOW INLET      FT.

ABSORBENT AREA      SQ. FT.

REMARKS: ~~11/24/97~~ 11/20/97 (M) contractor - plumbing exits house below basement ~~fasters~~, which is 3'± lower than BP shows. Need to correct plumbing or install pump to get to highest part of septic - contractor to contact builder. DKS

11/20/97 Perc hole dug to 12.0 - OK to install trenches - inlet @ 4.5 bottom @ 6.5 AUM

11/24/97 OK to continue leaving ends of trenches open (KM)

DATE SYSTEM APPROVED 11/25/97 INSPECTOR A McMulle

# APPLICATION

## PERCOLATION TESTING

A 49646E

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*

~~15298 Union Chapel Road~~  
ADDRESS 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. 37

ROAD AND DESCRIPTION End of Brittle Branch Way

(1709 CATTAIL WOODS LANE)

TAX MAP 7 PARCEL # 137

**BLDG. PERMIT SIGNED**

**AND RETURNED 9-26-93**

*Serial # BM108056*

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'


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 49646E

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 Callhall Woods Sec II LOT NO. 37

ROAD AND DESCRIPTION Rt 97 s/d

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 \_\_\_\_\_

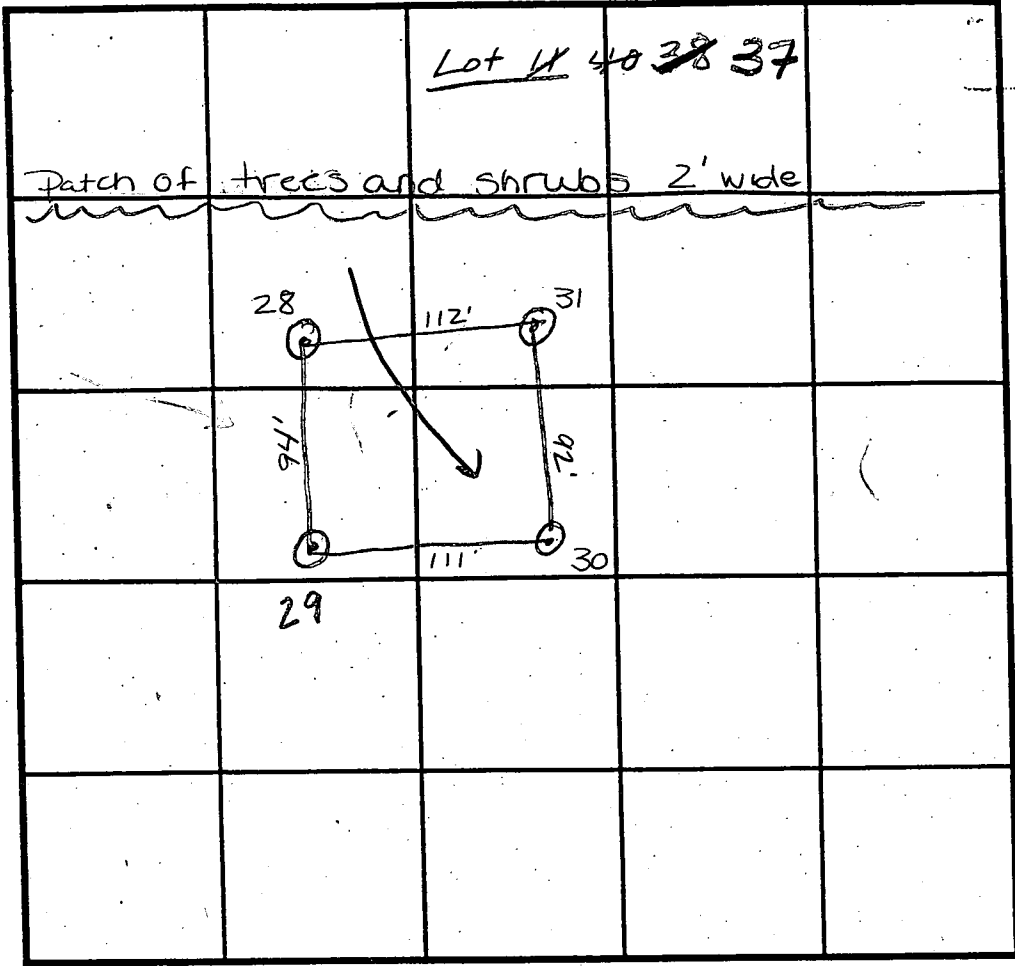
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

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

# THIS IS NOT A PERMIT

A49646E  
COUNTY #

Lot 14 40 ~~38~~ 37



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

29  
brn  
CL

2 reddish  
brn  
SiMCL

6 shelf  
of  
decayed  
shale  
w/ some  
rock  
frag.

12' 28  
tan/  
brn C

2' tan/  
brn  
SiL

5 1/2' shelf  
of decayed  
shale  
w/ some  
rock  
frag

12' 31-32  
orange/  
brn C

2' red/  
brn  
SiL

8' shelf  
of decayed  
shale and  
rock  
frag

SOIL PROFILE

30-33  
orange  
brn  
CL

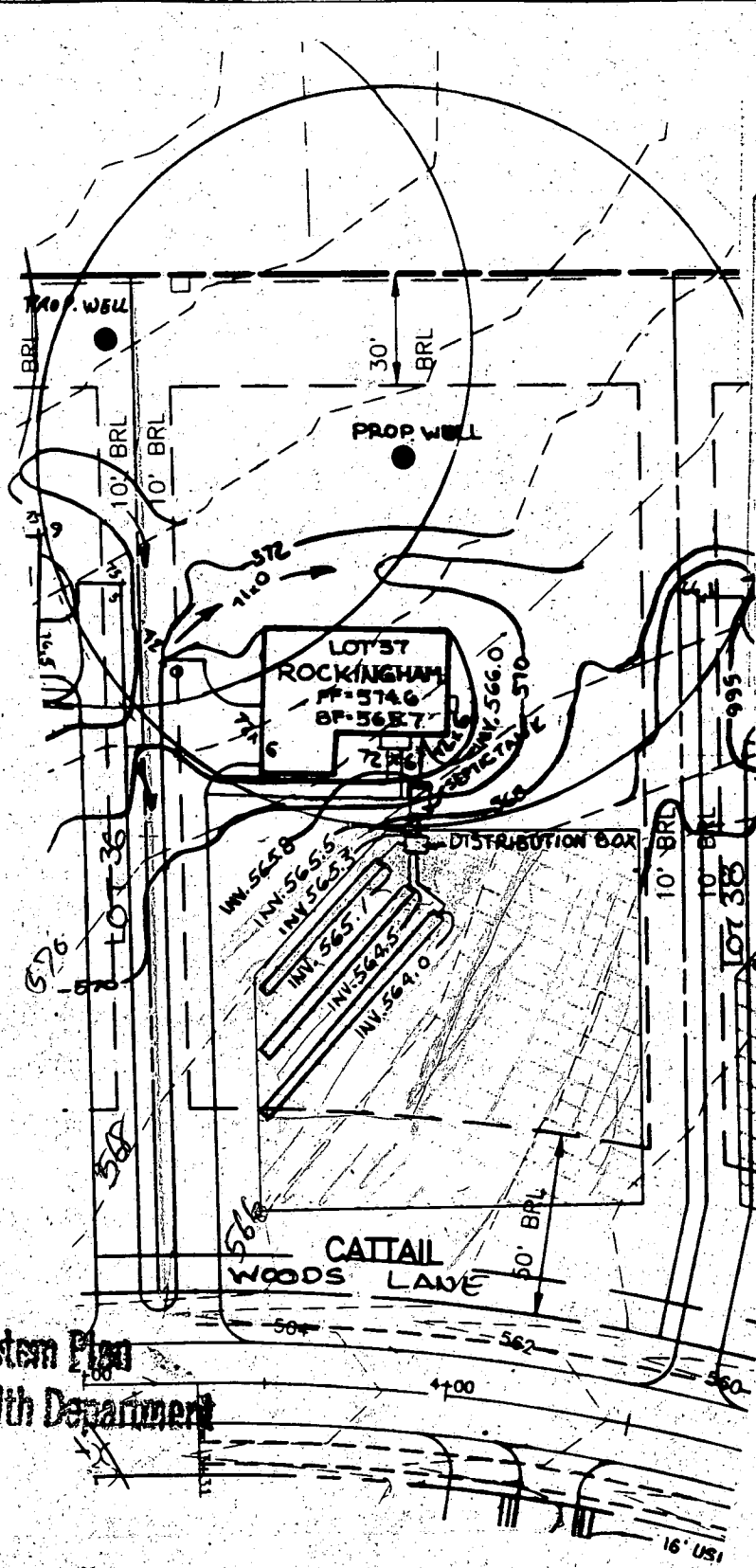
2' reddish  
brn  
SiCL

w/  
very  
decayed  
sopralite  
throughout

12'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/30/93	29	2 1/2' / 12'	10:59	11:01 <sup>30</sup>	11:01 <sup>30</sup>	11:06 <sup>30</sup>	5 min
	28	2' / 12'	11:05 <sup>45</sup>	11:10	11:10	11:20	10 min
	31-32	2' / 11'	11:11	11:16	11:16	11:24	8 min
	30-33	2 1/2' / 12'	11:15	11:17	11:17	11:19	2 min
	29	6' / 12'	10:29 <sup>45</sup>	10:32 <sup>30</sup>	10:32 <sup>30</sup>	10:37 <sup>30</sup>	4 1/2 min

REMARKS \_\_\_\_\_  
 TYPE OF SOIL Glendy Loam  
 TESTED BY A. MILLER / C WILLIAMS ALSO PRESENT B. SANDERS  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 8 min TRENCH WIDTH 3'  
 INLET DEPTH 2 1/2' MAXIMUM BOTTOM DEPTH 4 1/2' SQ. FT./BEDROOM 210 ft<sup>2</sup>



Total linear feet of trench required 280 feet (4 Bbl)

Width of trench(es) 3 feet

Depth of trench(es) 4.5 feet

Depth of stone required below distribution pipe 2 feet

*Inverts are OK Now  
2 1/2' below grade as  
per specs. P.P. 9/26/97*

**Approved Septic System Plan**  
**Howard County Health Department**

FF= 574.6  
BF= 565.7

*[Signature]*  
**Signature**

*9/26/97*  
**Date**

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

**PLOT PLAN**  
**CATTAIL WOODS**

**LOT 37**  
**SECTION TWO, PARCEL 5**

**T S A GROUP INC.**  
8480 BALTIMORE NATIONAL PIKE, SUITE 418  
ELLICOTT 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: SEPT. 26, 1997

11-18-97

Meeting w/ engineer & builder - Septic installed improperly - invert out of house is 2' lower than ~~is~~ approved. Options include:

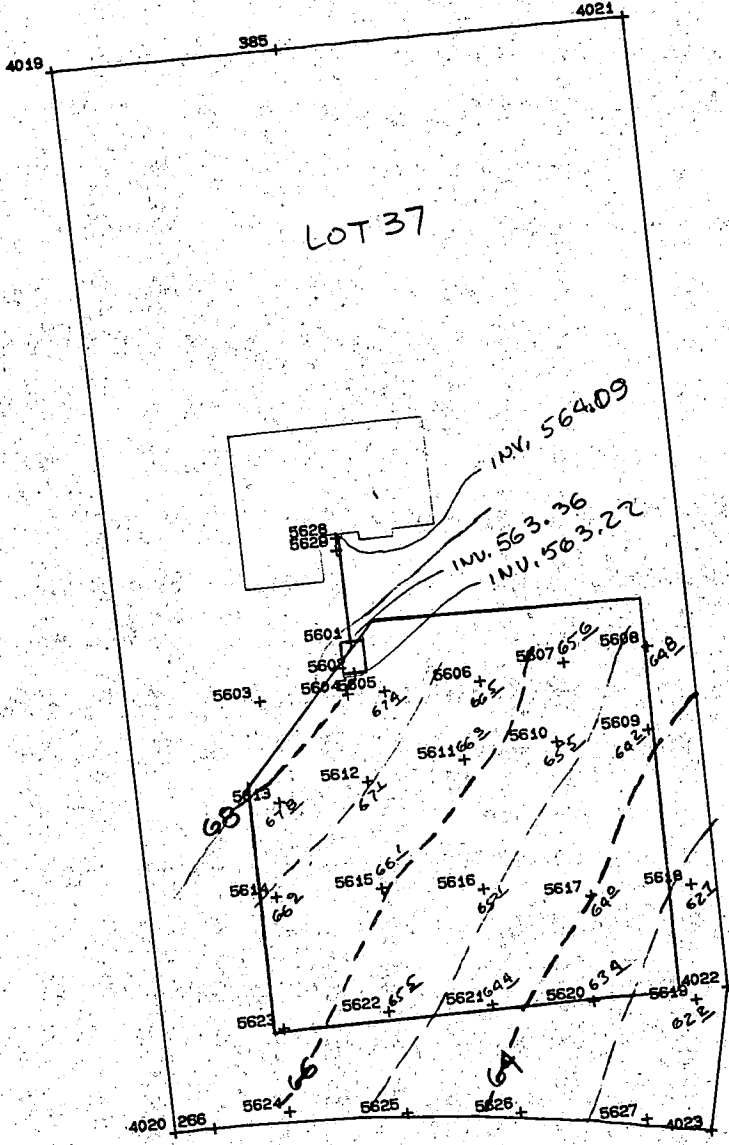
- Change plumbing in house - reset tank
- Come in at 3.5 into trenches, set a second tank for third repair
- Reperc to see reason trenches were spaced so shallow to determine if 6.5' bottom would be OK

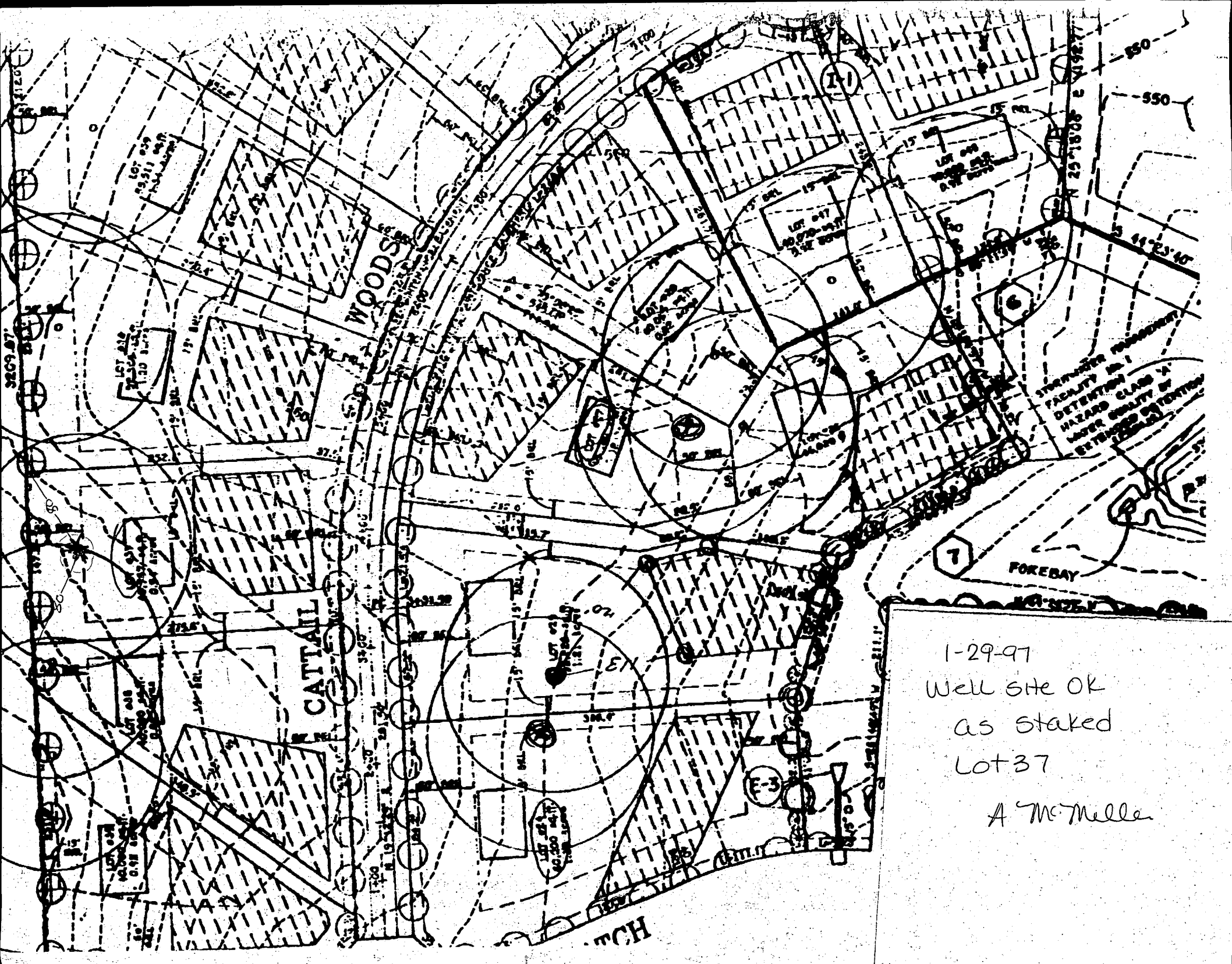
A M Melle

11/20/97

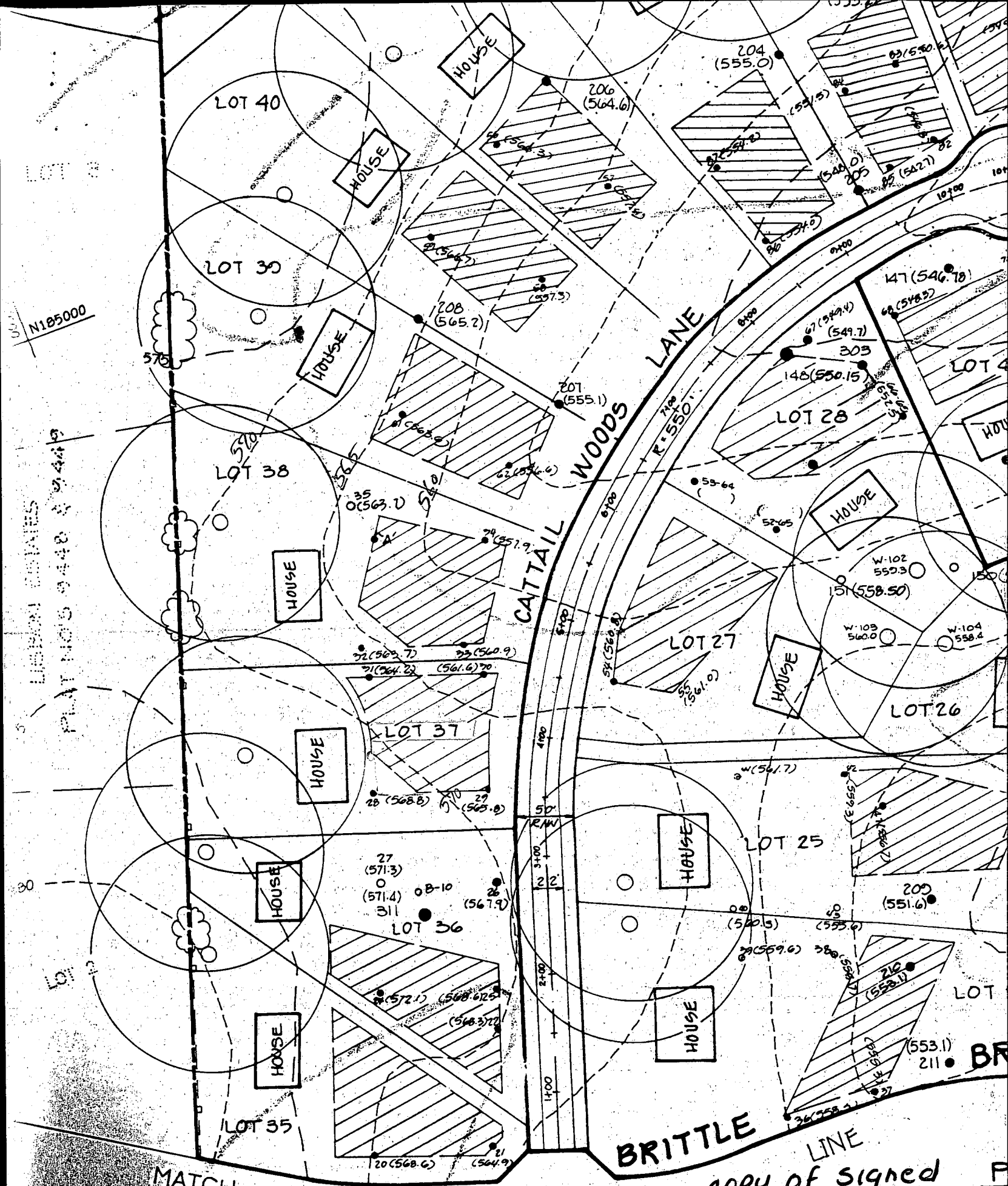
Additional test hole dug - OK to 12.0' therefore OK to install drain fields 4.5-6.5 ALM







1-29-97  
 Well site OK  
 as staked  
 Lot 37  
 A McTelle



**SOIL CLASSIFICATIONS**

- CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED.
- ODORUS SILT LOAM.
- ODORUS SILT LOAM, LOCAL ALLUVIUM, 3 TO 8 PERCENT SLOPES.
- SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED.

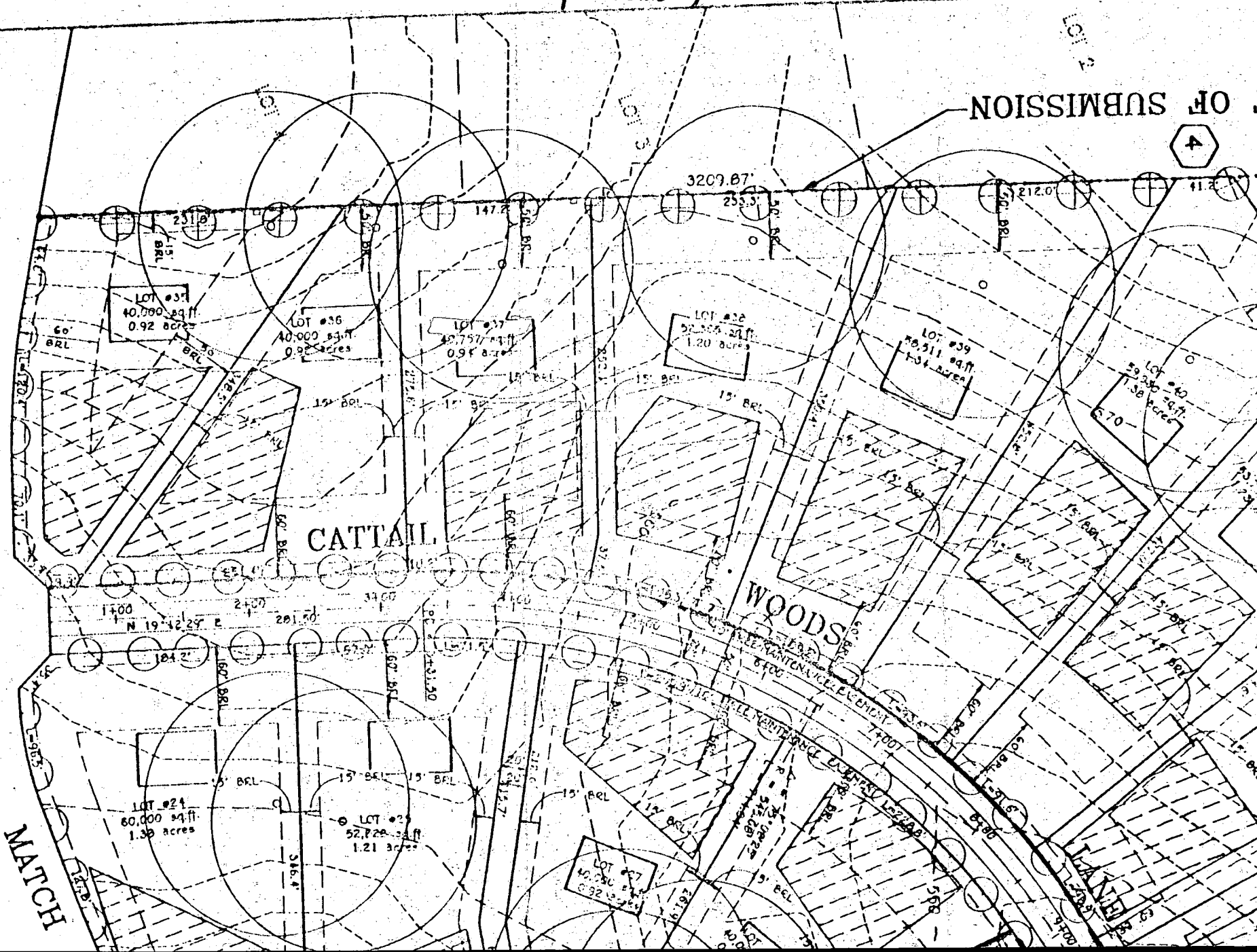
GENERAL NOTES

COPY OF signed Perc. Cert

copy of signed  
Prelim Plan

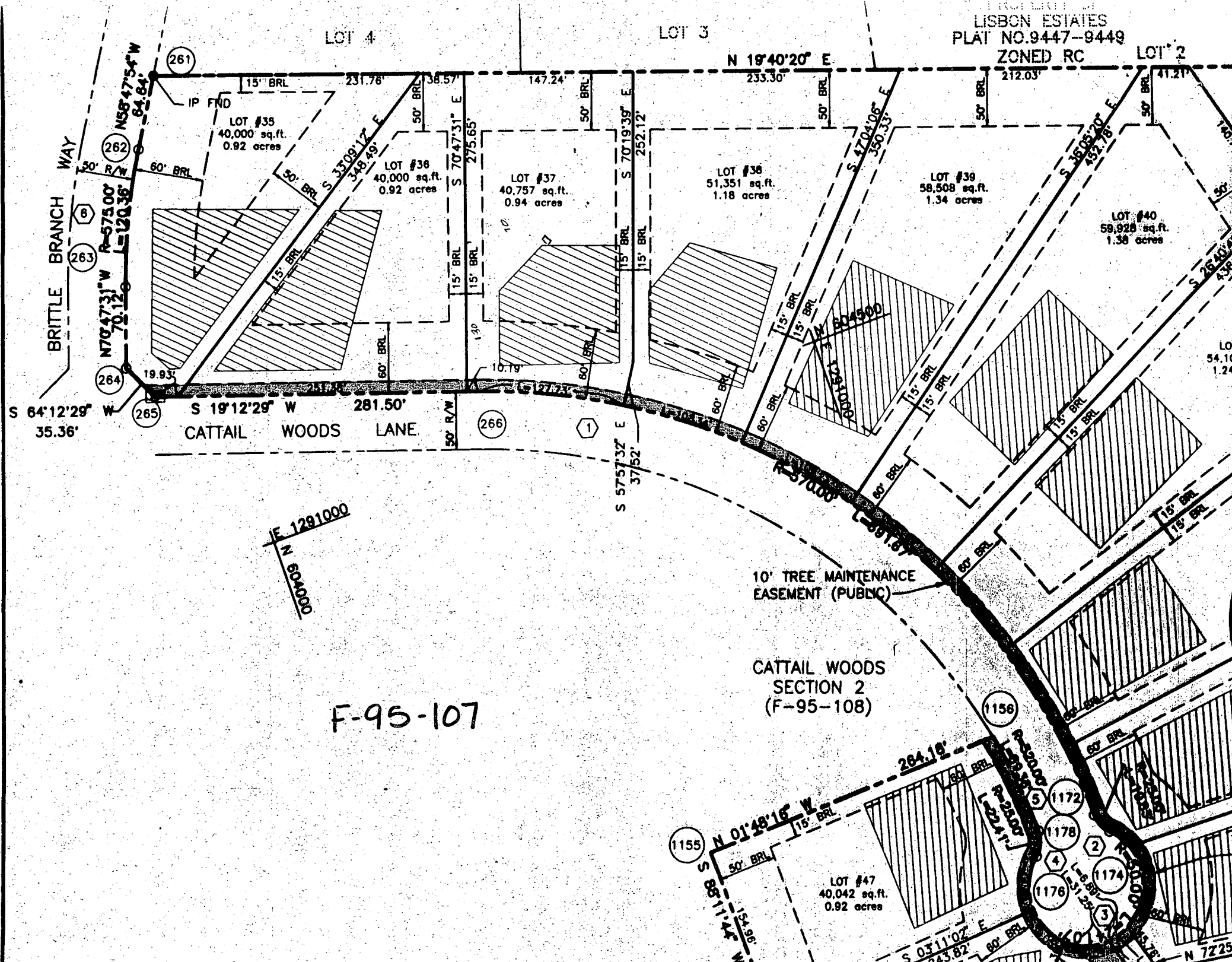
OF SUBMISSION

4



SCHEDULE D	
STORMWATER MANAGEMENT AREA LANDSCAP	
LINEAR FEET OF PERIMETER	5 385
NUMBER OF TREES REQUIRED	7
SHADE	8
EVERGREEN	10

LISBON ESTATES  
PLAT NO. 9447-9449  
ZONED RC



F-95-107

10' TREE MAINTENANCE  
EASEMENT (PUBLIC)

CATTAIL WOODS  
SECTION 2  
(F-95-108)

E 1291000  
N 604000

1155  
S 88°11'11\"/>

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

1156

1172

1178

1174

1176

N 72°25'

C 1 6539

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

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

COUNTY NUMBER A 49648056

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

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1046

OWNER 206 JOINT VENTURE STREET OR RFD CATTAIL WOODS LANE TOWN LISBON SUBDIVISION CATTAIL WOODS SECTION LOT 37

WELL LOG

Not required for driven wells

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N

TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 45 46 35 NO. OF POUNDS 32 90

GALLONS OF WATER 210

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 100 ft.

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 100 ft.

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C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 10

METHOD USED TO MEASURE PUMPING RATE submersible

WATER LEVEL (distance from land surface)

BEFORE PUMPING 32 ft.

WHEN PUMPING 102 ft.

TYPE OF PUMP USED (for test)

A air P piston T turbine

C centrifugal R rotary O other (describe below)

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) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height)

+ above LAND SURFACE 49

- below 1 (nearest foot) 50 51

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)

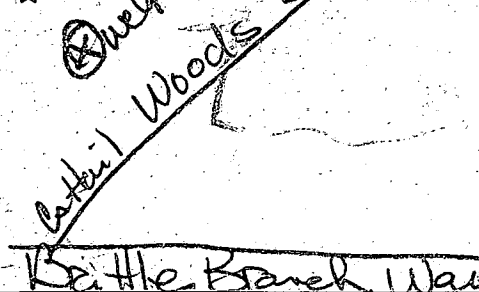


Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include Dirt, Clay, Soft Br. Shale, Soft Blue & Br. Shale, Soft Blue Shale, Hard Blue Shale, Fracture, Hard Blue Shale.

CASING RECORD casing types insert appropriate code below ST STEEL CO CONCRETE PL PLASTIC OT OTHER

MAIN CASING TYPE Nominal diameter top (main casing) (nearest inch)! Total depth of main casing (nearest foot) ST 6 101

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

SCREEN RECORD screen type or open hole insert appropriate code below ST STEEL BR BRASS HO OPEN HOLE PL PLASTIC OT OTHER

C 2 DEPTH (nearest ft.) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT 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 OTHER DATA

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. MWD 256 Dana Kyker Jr II DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. MWD 334 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)



EMERGENCY/TEMP NO. IF ANY

B 1 **7097**  
1 2 3  
(THIS NUMBER IS TO BE PUNCHED  
IN COLS. 3-6 ON ALL CARDS)

SEQUENCE NO.  
(DP USE ONLY)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL  
please print or type

STATE PERMIT NUMBER  
**40-94-1046**  
70 fill in this form completely 79

Date Received (APA)  
**012996**  
OWNER INFORMATION  
**2016** **JOHN** **HAUTUPPL**  
15 Last Name Owner First Name 34  
**15555** **WINDY** **ROAD**  
36 Street or RFD 55  
**WOODBINE** **MD** **211997**  
57 Town 70 State 72 Zip 76

DRILLER INFORMATION  
**DANA KYLES JR II** **2516**  
Driller's Name License No. 80  
**Westminster. Rotary Well Drilling**  
Firm Name  
**PO Box 86 Westminster MD 21158**  
Address  
**Dana Kyles Jr II** **OSR** **1/13/97**  
Signature Date

B 2 WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **450**

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

APPROXIMATE DEPTH OF WELL **200** FEET  
APPROXIMATE DIAMETER OF WELL **6** 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)  
 N THIS WELL WILL NOT REPLACE AN EXISTING WELL  
 Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
 S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY - CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
 D THIS WELL WILL DEEPEM AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

Not to be filled in by driller (OEP USE ONLY)  
APPROX. PERMIT NUMBER **G A P**  
FORCE **AM** WRITE INITIALS IN BOX 87 88 PERMIT No. **40-94-1046** 70 71 72 73 74 75 76 77 78 79

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

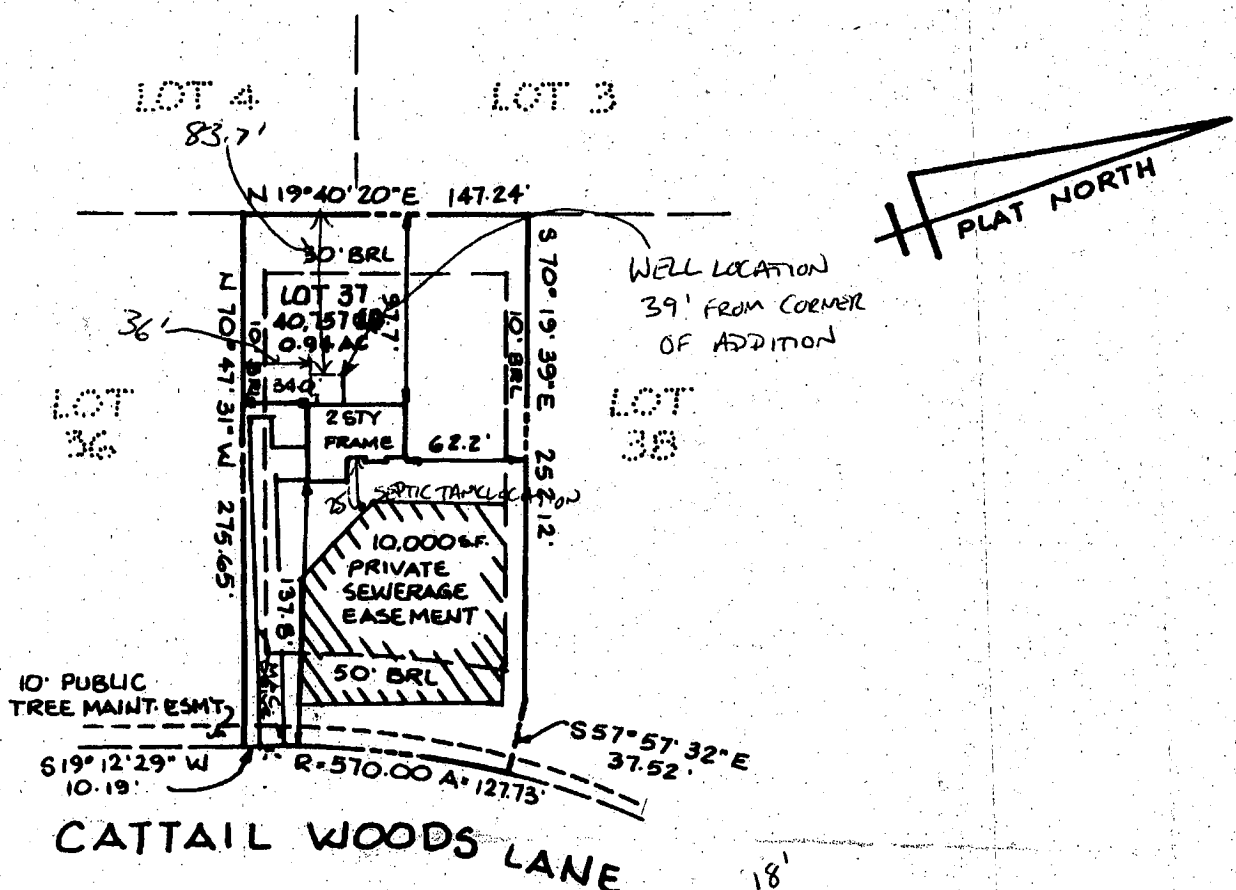
B 3 LOCATION OF WELL  
**HOWARD**  
COUNTY  
**CATTAIL WOODS LANE**  
23 SUBDIVISION 42  
SECTION **2** LOT **37**  
**WISBOW**  
52 NEAREST TOWN 71  
MILES FROM TOWN (enter 0 if in town) **1** M I 73 76 77 78

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
  
NEAR WHAT ROAD **1709 Cattail Woods Lane**  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  WEST  EAST  
DISTANCE FROM ROAD **200** ENTER FT-OR MI **FT**  
TAX MAP: **7** BLK: PARCEL **137**

NOT TO BE FILLED IN BY DRILLER - HEALTH DEPARTMENT APPROVAL  
**HOWARD CO.** **A 49646**  
COUNTY NAME COUNTY NO.  
STATE SIGNATURE DATE ISSUED INSERT S  
**012997** **A McMiller** **1/29/98**  
43 48 CO SIGNATURE EXP. DATE  
NORTH GRID **542000** EAST GRID **0781000**  
50 55 57 63

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER  
1. **City**  
2.  
3.  
WRITE THE BOX NUMBER FROM THE MAP HERE  
  
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

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 SETTLEMENT PURPOSES, BUT BEING INSUFFICIENT FOR THE SETTING OF PROPERTY CORNER PINS ON THE GROUND.



CATTAIL WOODS LANE

APPROVED

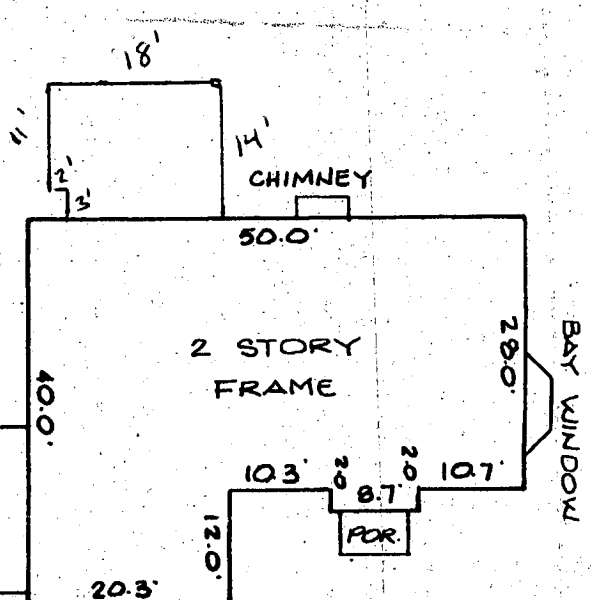
WALK-THRU BUILDING PERMIT

BP# B00150945 A# 49646-E

APP. SAN P.Y. DATE: 10-27-04

DESC. OF WORK: Surround addition in rear of house

TOP OF FOUNDATION WALL ELEV. = 573.5'



SCALE: 1" = 20'

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 VISIBLE ENCROACHMENTS UNLESS SHOWN. THE PROPERTY DOES NOT LIE WITHIN A FLOOD HAZARD AREA ON THE FEMA F.I.R.M. IDENTIFIED BELOW. AT THE WRITTEN REQUEST OF THE PURCHASER, NO PROPERTY CORNER MARKERS HAVE BEEN SET.

PETER J. DARE  
MD. PROPERTY LINE SURVEYOR #224

1-8-98  
FINAL

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

**TSA GROUP, INC.**  
planning • architecture • engineering • surveying  
8480 BALTIMORE NATIONAL PIKE SUITE 418  
ELLCOTT CITY, MARYLAND 21043  
(410) 465-6105



LOCATION DRAWING  
CATTAIL WOODS  
SECTION 2

LOT 37

1709 CATTAIL WOODS LA

4<sup>th</sup> ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 100' DATE: 10-13-97