

3/30/98
2:30 PM

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-359488

P 59878

A 57698

DISTRICT 4th

DATE 3-19-98

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

DATE SYSTEM APPROVED 3/30/98

INSPECTOR AA

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 41 ROAD 1725 Cattail Woods Lane

PROPERTY OWNER Pulte Home Corporation

ADDRESS _____

BUILDING PERMIT SIGNED

SEPTIC TANK CAPACITY 1250 GALLONS

AND RETURNED

Call 800/49107 - OFFICE + SCREENED PERCHA

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

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

LOCATION - Place distribution box 150 feet up the right lot line and 10 feet off that same lot line as seen when facing the lot from Cattail Woods Lane. Run trenches on contour towards the left 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.

ok KM 3/13/98

PLANS APPROVED BY Amy McMillen/Donna K. Soe DATE 03/11/98

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

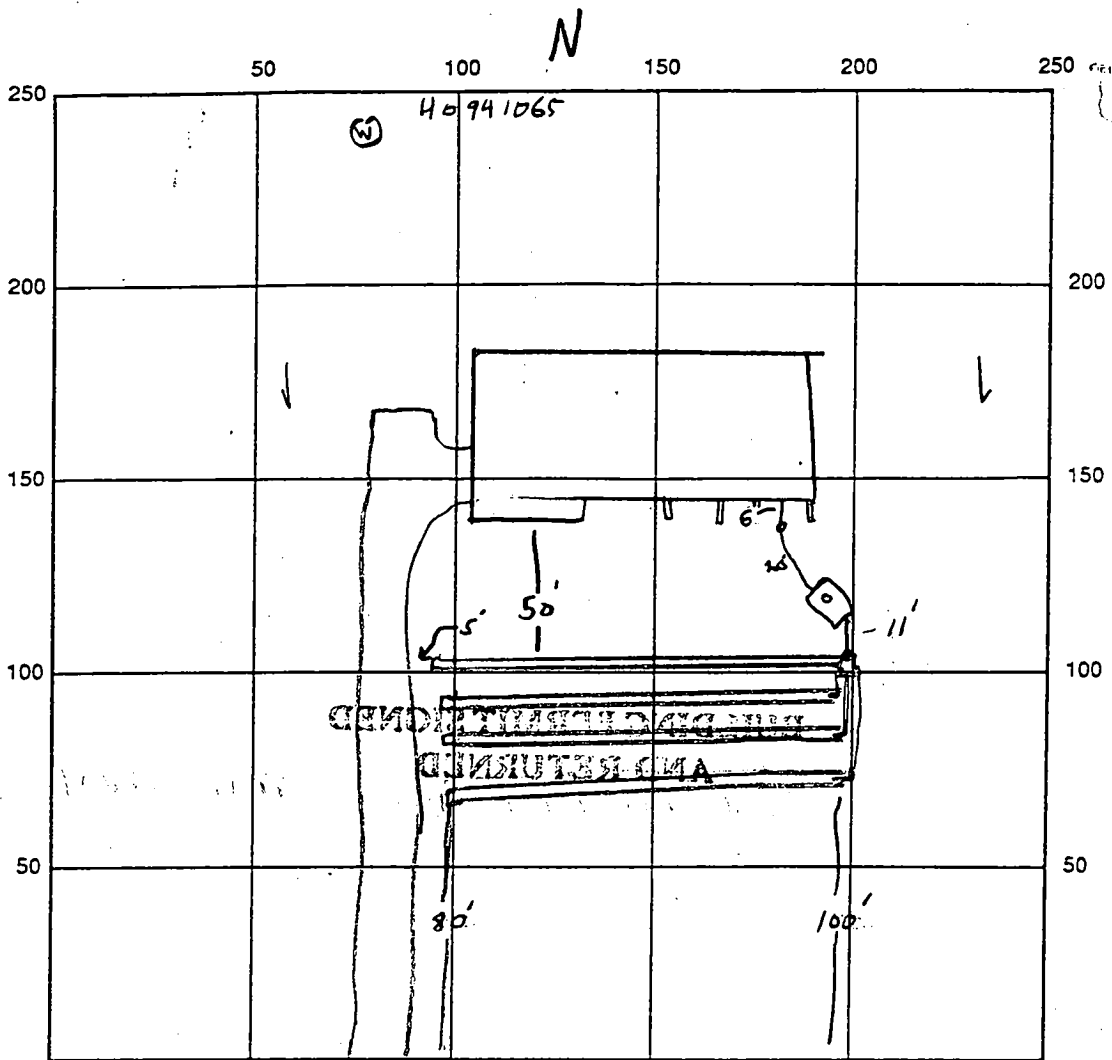
PERMIT VOID AFTER TWO YEARS

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**

A 57698



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
CATYAC WOODS CIRCLE

SEPTIC TANK LEVEL 1250 GAC - ok CLEANOUTS 10' IN/16' 1st House

DISTRIBUTION BOX LEVEL ok - LEVELS INSTALLED

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 4x70 FT. = 280

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: 3/30/98 FINAL - COVER ALL WORK *HL*

DATE SYSTEM APPROVED 3/30/98 INSPECTOR *HL*

APPLICATION

3:26 PM
2/28/97

PERCOLATION TESTING
2-28-97
CALL FOGLE'S SEPTIC CLEAN
WITH A TEST DATE
AGENT TO PROMOTE TEST PLAN
SC

A 57698

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE 2/28/97

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER Pulte Home Corporation

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER Pulte Homes

ADDRESS 15015 Edgewood Street Suite K PHONE 644-5603
Baltimore, Md. 21227

PROPERTY LOCATION:

SUBDIVISION Cattail Woods LOT NO. 41

ROAD AND DESCRIPTION Re-perm these septic Areas
(1725 Cattail Woods Lane)

BLDG. PERMIT SIGNAL

AND RETURNED 3-11-98

Serial # BM 110254

TAX MAP _____ PARCEL # _____

SIZE OF LOT 1.5 Acres TYPE BLDG. SFR - 4 Bmw
(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. Dale A. Foy
(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

A57698

COUNTY #

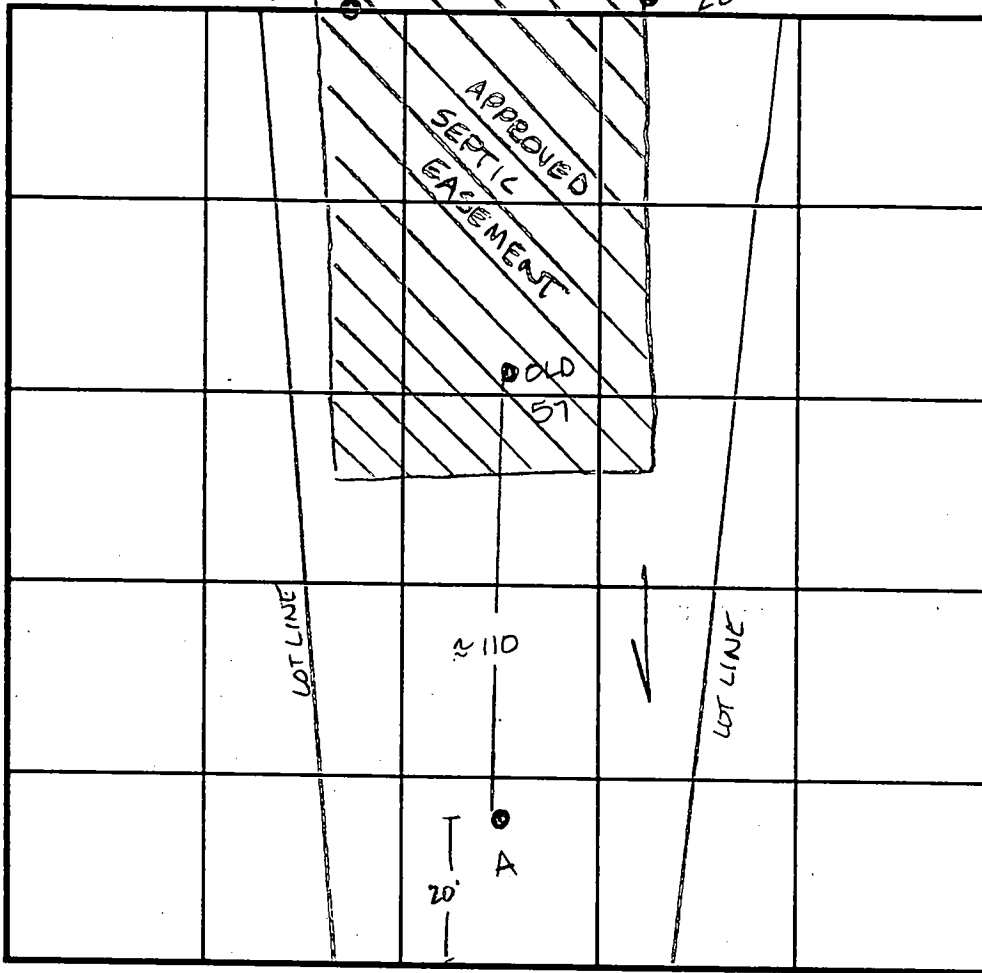
SOIL PROFILE

A

Yellow
orange
SiCLM
20%
stones

1gt
pink
yellow
Si.Salm
20%
shale

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
CATTAIL WOODS LN

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-26-97	A	4.0 / 12.0	10:33	10:40	10:40	11:03	23min

REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Fogles

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A 49646K

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 CatHail Woods Sec II LOT NO. 41

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

A49646K
COUNTY #

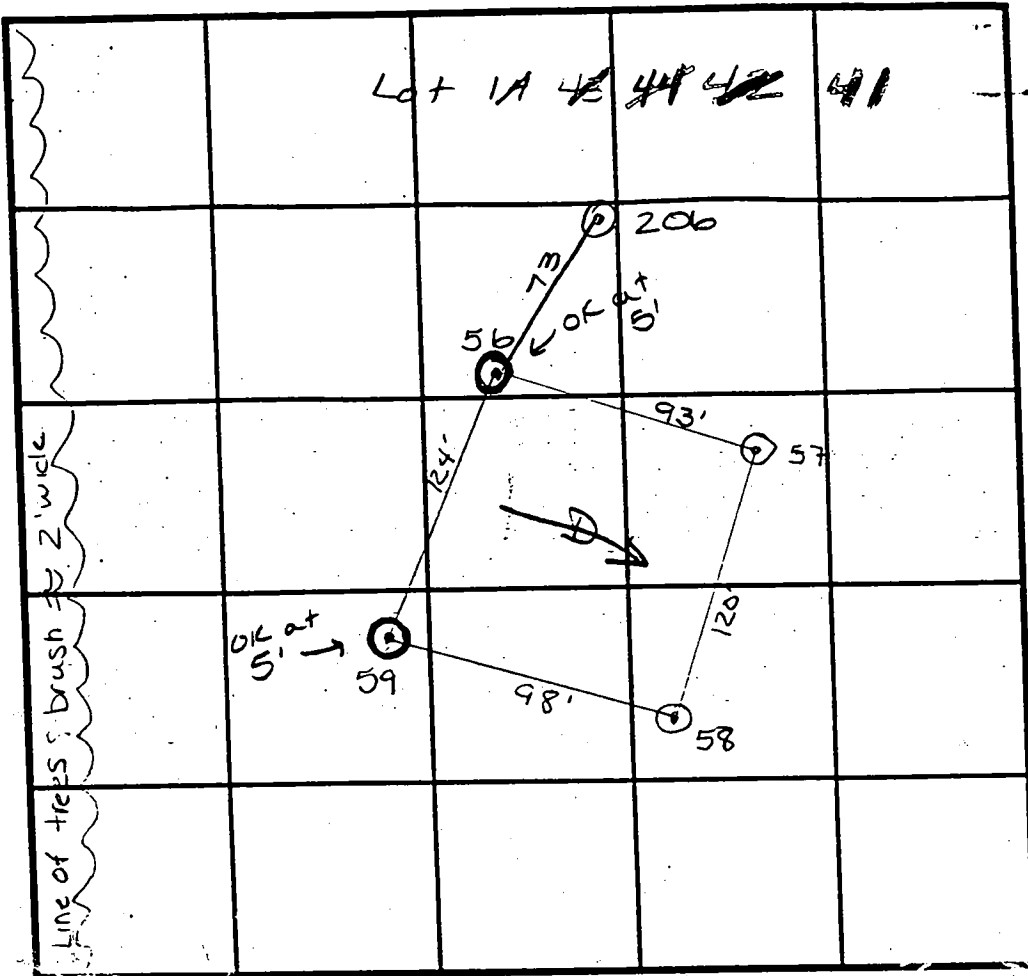
Lot 1A ~~43~~ ~~44~~ ~~42~~ 41

SOIL PROFILE
58

reddish
brn
C
4' red
brn
SiCL
w/ suprolite

SOIL PROFILE
57

brn
CL
3' brn
w/ some
red
SiCL
6' Saprolite
shelf
w/ some
rock



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

206
red/brn
CL
3 1/2' red
SiCL
w/ small
amount of
clay
mica

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/30/93	58	4' V13'	11:48	11:51 ⁴⁵	11:41 ⁵⁵	6:59	7 min
	59	4' V12'	11:55	12:16	12:16	>30 min	
	56	4' V12'	12:01 ⁴⁵	12:12	12:12	>30 min	
	57	3' V12'	12:13	12:15	12:15	12:23	9 min
	59	3' V12'	2:04 ³⁰	2:06 ³⁰	2:06 ³⁰	2:12	5 1/2 min
12/13/93	56	4 1/2' V12'	1:04	1:08	1:08	1:15	8 min
	59	5' V12'	12:59 ¹⁵	1:02	1:02	1:05 ⁴⁵	3 3/4 min
3/15/94	206	3 1/2' V12'	11:21	11:26 ³⁰	11:26 ³⁰	11:35	8 1/2 min

REMARKS shallow system only

TYPE OF SOIL Glenns Loam

TESTED BY A. McMillen / C. Williams ALSO PRESENT B. SAUNDERS

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 7 min TRENCH WIDTH 3'

INLET DEPTH 3' MAXIMUM BOTTOM DEPTH 5' SQ. FT./BEDROOM 210 ft²

59
yel/brn
C
3' red CL
4 1/2' red brn
w/ yel
streaks
SiCL
suprolite

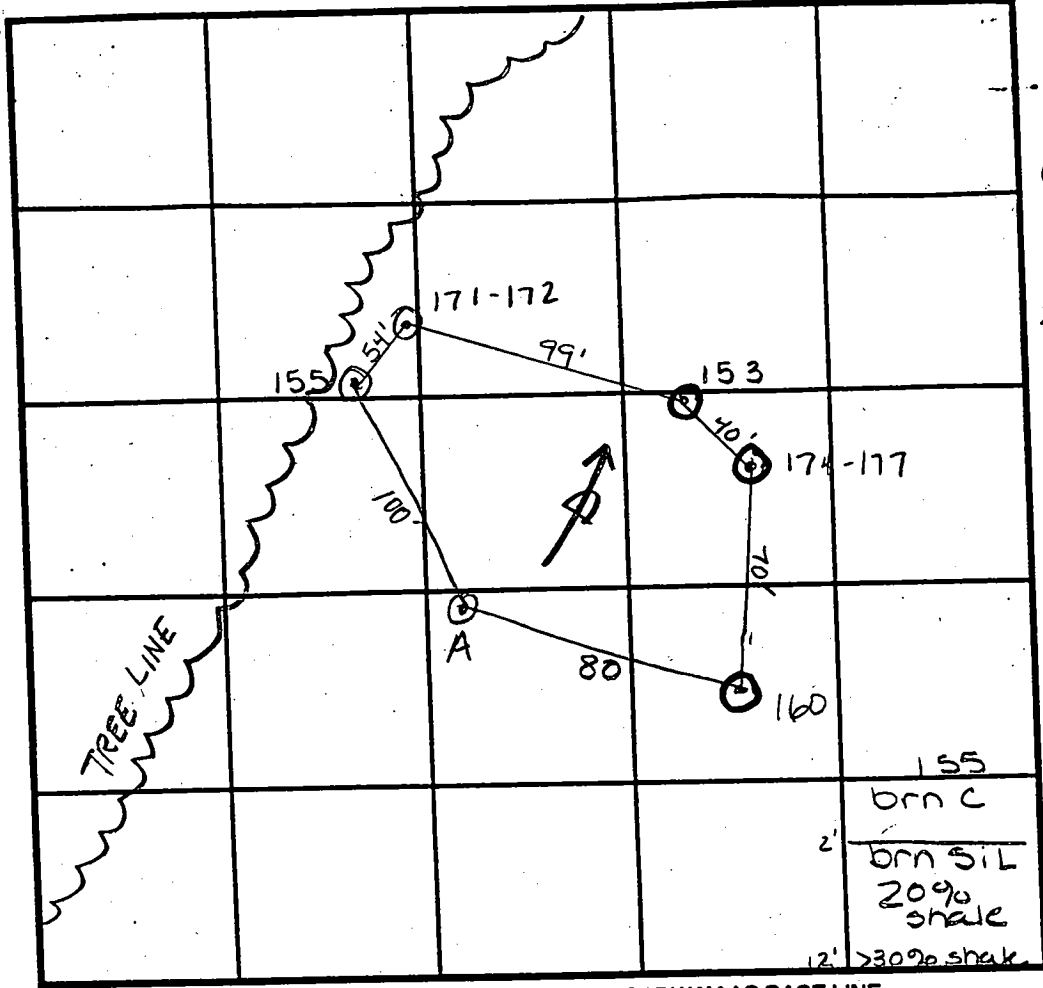
56
orange/yel
brn
C
4' red/
brn
SiCL
(mica)
8' very
degraded
shale
w/
some
rock

Lot 16

COUNTY #

SOIL PROFILE 171-172

1' 0"	red CL
3'	brn CL
4'	Bm SIL
7 1/2'	shaley OK
11 1/2'	



SOIL PROFILE 153

0'	topsoil
6"	brn/orange C
2'	lgt brn SiCL Shaley 50%
12'	

160

1 1/2'	red/brn C
3'	yel & red streaked SiCL
5'	50% shale brn SIL
12'	

A

3 1/2'	lgt brn C
13'	brn SIL Saprolite throughout OK
	hit >50% rock at 13'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/1/93	174-177	3' VII'	11:32 ⁴⁵	>30 min			F
		6' VII'	12:01 ⁴⁵	12:03 ¹⁵	12:03 ¹⁵	12:05 ¹⁵	2min
	160	3' VI2'	12:4 ¹⁵	1:29	1:29	1:38	9min
12/1/93	171-172	3 1/2' VII 1/2'	11:47	11:49	11:49	11:53	4min
	153	2' VI2'	12:18	12:27	12:27	12:41	14min
		6' VI2'	3:41 ¹⁵	3:43 ⁰⁵	3:43 ⁰⁵	3:44 ⁴⁵	1min 40 sec
12/13/93	A	Visual to 13'					OK
11/15/93	155	2' VI2'	1:58	1:59	1:59	2:00	1min

174-177

3'	brn C
3'	Bm SIL
1 1/2'	>50% shale

REMARKS 174-177 & 153 TOO FAST FOR AMT OF ROK

TYPE OF SOIL Glendy Loam

TESTED BY A. M. MILLEN / C. WILLIAMS ALSO PRESENT B. SANDERS

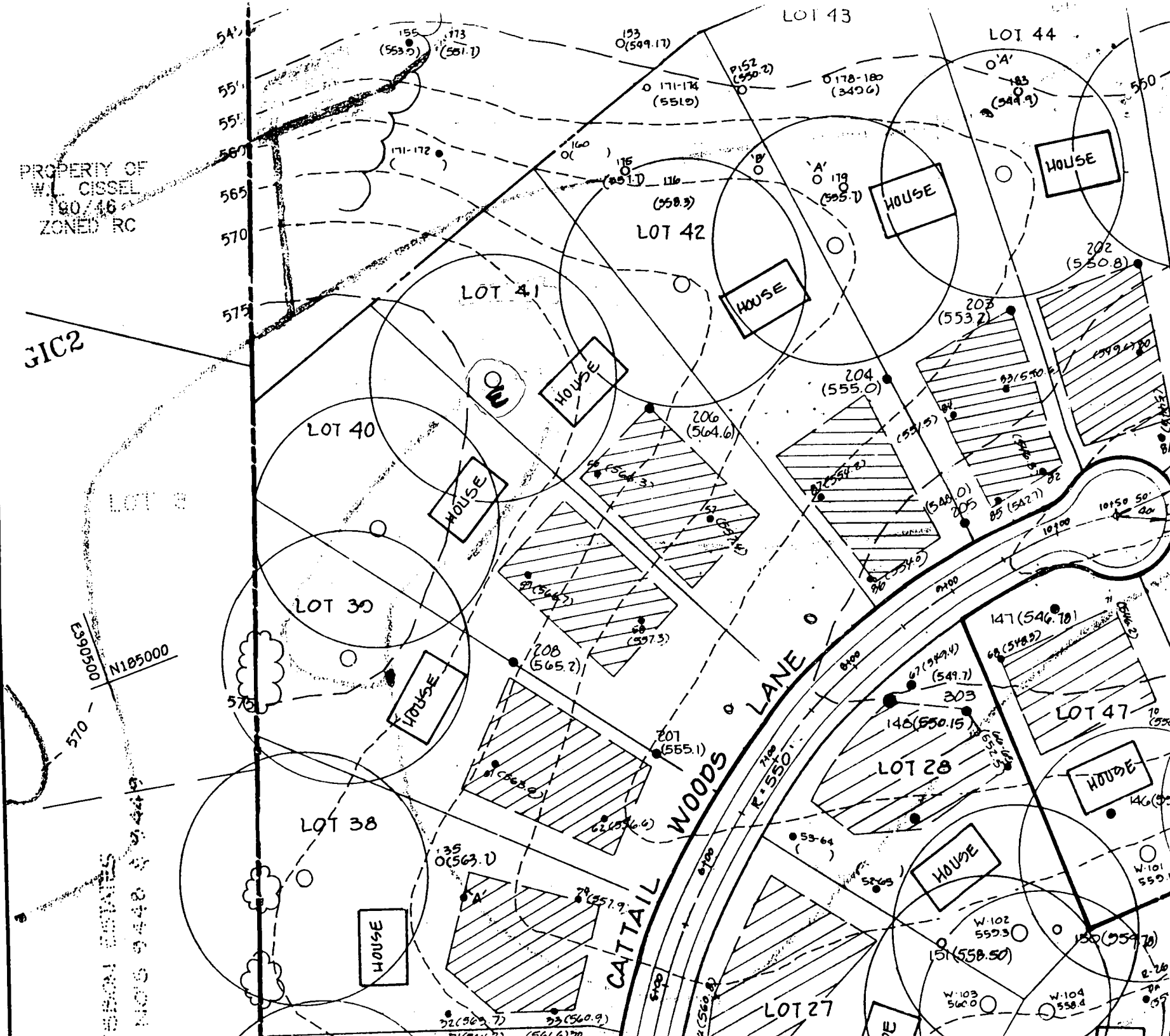
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

Copy of signed
Perc. Cert. Plat

PROPERTY OF
W.L. CISSEL
180/46
ZONED RC

GIC2



LOT 3.

PROPERTY OF LISBON ESTATES
PLAT NO. 9447-9449

ZONED RC

LOT 2

N 19°40'20" E

1587.07'

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
58,137 sq.ft.
1.29 acres

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

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

LOT #48
40,033 sq.ft.
0.92 acres

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

P.O. PRESERV-
SINGLE RESIDENC
AGRIC
PRESERVAT
TOTAL ARE
AREA THIS

10' TREE MAINTENANCE
EASEMENT (PUBLIC)

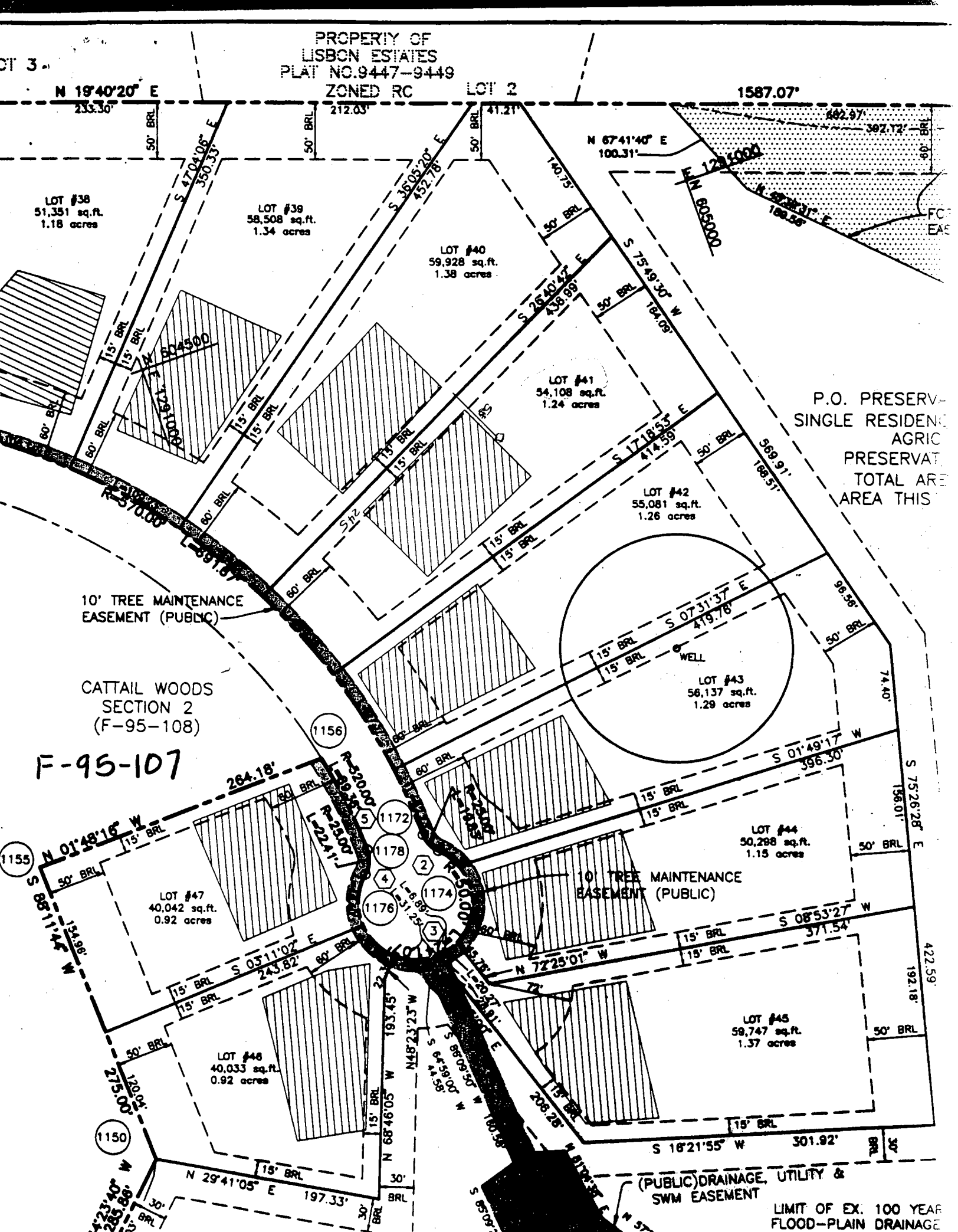
CATTAIL WOODS
SECTION 2
(F-95-108)

F-95-107

10' TREE MAINTENANCE
EASEMENT (PUBLIC)

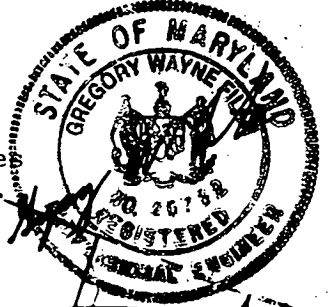
(PUBLIC) DRAINAGE, UTILITY &
SWM EASEMENT

LIMIT OF EX. 100 YEAR
FLOOD-PLAIN DRAINAGE

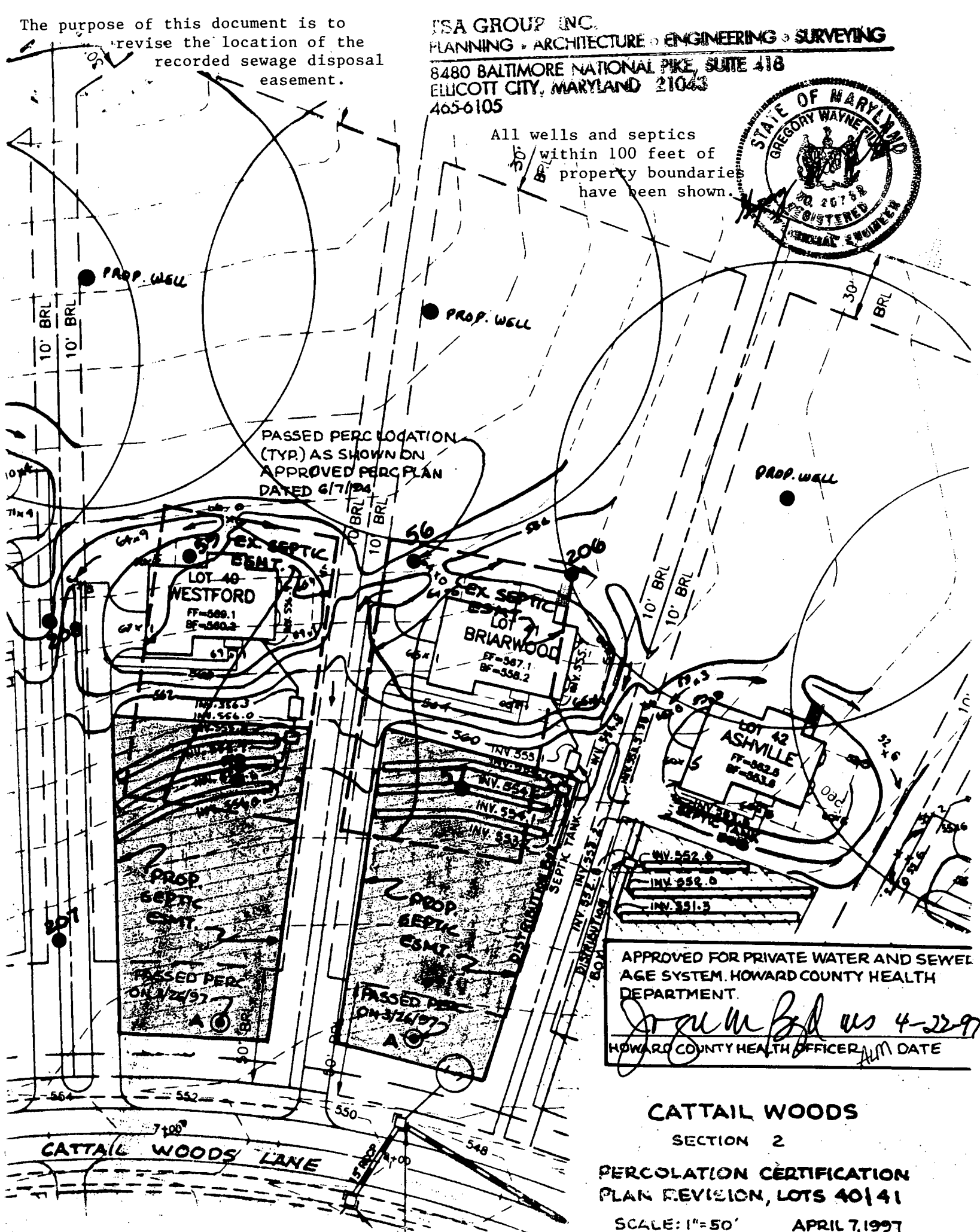


The purpose of this document is to revise the location of the recorded sewage disposal easement.

ISA GROUP INC.
 PLANNING • ARCHITECTURE • ENGINEERING • SURVEYING
 8480 BALTIMORE NATIONAL PIKE, SUITE 418
 ELLICOTT CITY, MARYLAND 21043
 465-6105



All wells and septics within 100 feet of property boundaries have been shown.



PASSED PERC LOCATION (TYP.) AS SHOWN ON APPROVED PERC PLAN DATED 6/7/94

LOT 40 WESTFORD
 FF=688.1
 BF=560.2

LOT 41 BRIARWOOD
 FF=587.1
 BF=558.2

LOT 42 ASHVILLE
 FF=582.5
 BF=563.8

PROP SEPTIC ESMT
 PASSED PERC ON 1/22/97

PROP SEPTIC ESMT
 PASSED PERC ON 3/26/97

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEM. HOWARD COUNTY HEALTH DEPARTMENT.
James B. ...
 HOWARD COUNTY HEALTH OFFICER DATE

CATTAIL WOODS
 SECTION 2

PERCOLATION CERTIFICATION PLAN REVISION, LOTS 40/41

SCALE: 1"=50' APRIL 7, 1997

C1 6576

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A 49046 K

DATE RECEIVED 3/12/97

DATE WELL COMPLETED 02 28 97

DEPTH OF WELL 152 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1065

OWNER 206 Joint Venture, STREET OR RFD CATHART WOODS LANE, TOWN Woodbine, SUBDIVISION Cathart Woods, SECTION, LOT 41

WELL LOG

Not required for driven wells

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

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Dirt, Soft Br. Shale, Blue Schist, Br. Shale, Blue Schist, Br. Shale, Blue Schist.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS 27, NO. OF POUNDS 2538, GALLONS OF WATER 162, DEPTH OF GROUT SEAL 70

CASING RECORD

MAIN CASING TYPE ST, Nominal diameter top (main) casing 6, Total depth of main casing 72

OTHER CASING (if used)

Table for other casing with columns: diameter inch, depth (feet) from, to

SCREEN RECORD

screen type or open hole HO, insert appropriate code below

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER: A (well abandoned and sealed), E (electric log obtained), P (test well converted to production well)

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. 1 MWD 256, Dana Kyker Jr II, DRILLERS SIGNATURE

LIC. NO. 1 MWD 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

TELESCOPE CASING, LOG INDICATOR, OTHER DATA

C 3

PUMPING TEST

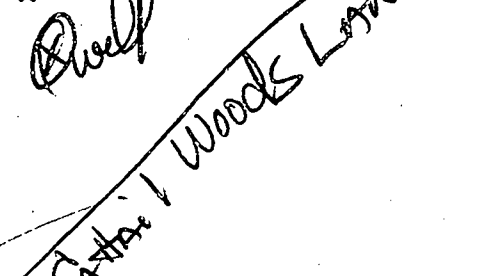
HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min.) 12, METHOD USED TO MEASURE PUMPING RATE submersible, WATER LEVEL (distance from land surface) BEFORE PUMPING 37, WHEN PUMPING 49, TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (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, - below 2 (nearest foot)

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)



B 1 **4648** 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
40-94-1065
 70 fill in this form completely 78

Date Received (APA) **021197**
OWNER INFORMATION
206 JOINT VENTURE
 15 Last Name 8 Owner 13 First Name 34
15555 UNION CHAPEL RD
 36 Street or RFD 55
WOODBINE **MD21797**
 57 Town 70 State 72 Zip 76

B 3 **LOCATION OF WELL**
HOWARD
 8 COUNTY 21
CATTAIL WOODS
 23 SUBDIVISION 42
 SECTION **2** LOT **41**
 44 46 48 50
HISBON
 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **1 MI**
 73 76 77 78

DRILLER INFORMATION CIRCLE: MSD/MGD/MWD
DANA KYKER JR **256**
 Driller's Name 77 License No. 80
Westminster Rotary Well Drill
 Firm Name
PO Box 861 Westminster MD 21157
 Address
Dana Kyker Jr II **2-7-97**
 Signature Date

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

 TOWN

CATTAIL WOODS LANE
 11 NEAR WHAT ROAD 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH N WEST W EAST E SOUTH S
 34 **300** 37 DISTANCE FROM ROAD
 ENTER FT OR MI **FT**
 38 39
 TAX MAP: **7** BLK: PARCEL **137**

B 2 **WELL INFORMATION**
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 1 2 3 4 5 6 7 8 9 10 11 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **475**
 13 14 15 16 17 18 19 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 **A 40646K**
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE INSERT S
 DATE ISSUED **022197** **SOURCE** **2/20/97**
 43 48 CO-SIGNATURE EXP/DATE
 NORTH GRID **542000** EAST GRID **0781000**
 50 55 57 63

APPROXIMATE DEPTH OF WELL **200** FEET
 24 28

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) 41 _____ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
 APPROP. PERMIT NUMBER **GAP**
 54 63
 FORCE **DS** WRITE INITIALS IN BOX PERMIT No. **40-94-1065**
 67 68 70 71 72 73 74 75 76 77 78 79

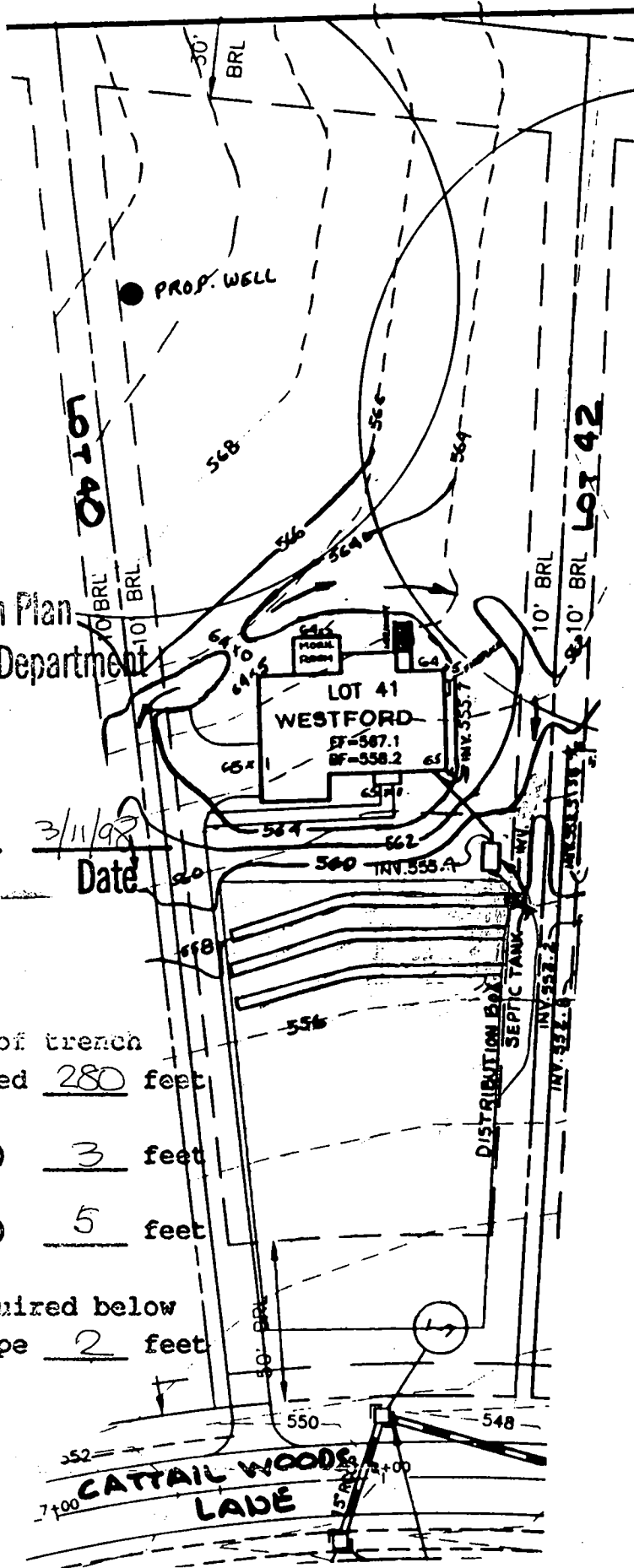
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. **City**
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE

 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

2128/97
GROUTX well complete at time of insp.
ALM

Approved Septic System Plan
 Howard County Health Department



Donna K. [Signature]
 Signature

3/11/98
 Date

Total linear feet of trench
 required 280 feet

Width of trench(es) 3 feet

Depth of trench(es) 5 feet

Depth of stone required below
 distribution pipe 2 feet

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

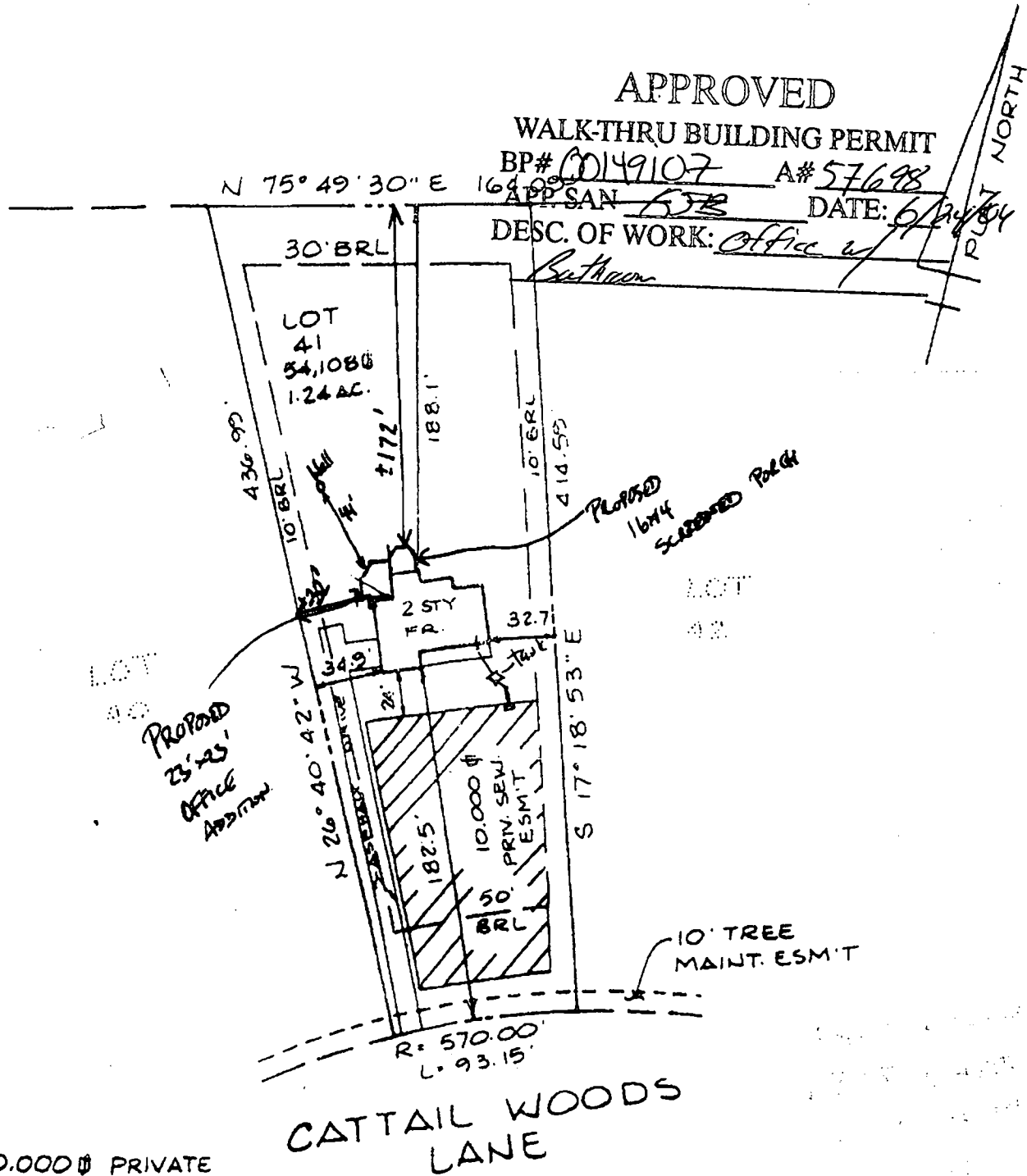
PLOT PLAN
CATTAIL WOODS

LOT 41
 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: JULY 21, 1997

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 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.



NOTE: 10,000# PRIVATE SEWERAGE ESMT PER PLOT PLAN SUBMITTED FOR BUILDING PERMIT

