

3-12-98
1:15 PM
& later

3/13/98
Am

04-353072

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 59852

A 38983

DISTRICT 4th

DATE 3-6-98

DATE SYSTEM APPROVED 3/13/98

INSPECTOR gg

INDEXED

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

William Hopkins

IS PERMITTED TO INSTALL ALTER

ADDRESS 17550 Old Frederick Road Mt. Airy, Maryland 21771 PHONE (410) 549-2575

SUBDIVISION Cattail Woods LOT 1 ROAD 15831 Bellis Drive

PROPERTY OWNER Gene and Donna Gocher

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 3 feet below original grade. 3.5 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 36.75 and 195.32' lot lines, begin trenches 140 feet down the 195.32' lot line and 120 feet off that same lot line. Run trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK 1/27/98 gg*

PLANS APPROVED BY Amy McMillen DATE 01/14/98

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

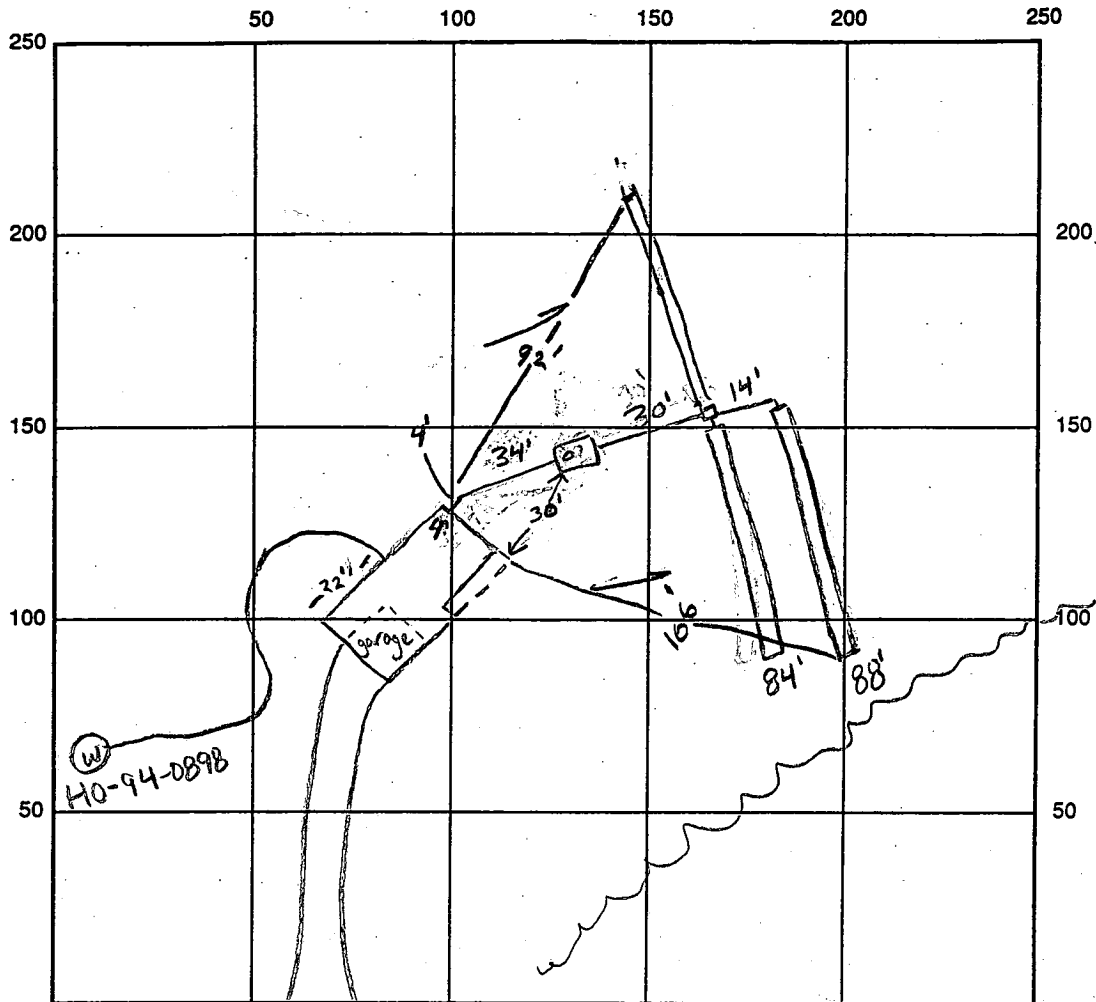
PERMIT VOID AFTER TWO YEARS

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 38983



84
88
71
243

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE Bellis Drive

SEPTIC TANK LEVEL OK CLEANOUTS 1 on tank
 DISTRIBUTION BOX LEVEL OK
 DRAIN FIELD/TITLE DEPTH 6.5 FT. TRENCH WIDTH 2.0 FT. INLET DEPTH 3.0 FT.
 EFFECTIVE GRAVEL DEPTH 3.5 FT. TOTAL LENGTH $\frac{112+3}{84+88} 71$ FT. = 243
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 850 SQ. FT.
 DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.
 ABSORBENT AREA SQ. FT.

REMARKS: 3/12/98 has house conn, ok to cover up to distribution box and
stone 2nd and 3rd trench leaving ends open, ok to cover 1st trench.
3rd trench not yet dug but ok to stone if no problems arise (KM)
3/13/98 (final) cover all work

DATE SYSTEM APPROVED 3/13/98 INSPECTOR [Signature]

*Preliminary
5/22/87
9:30 AM*

APPLICATION

PERCOLATION TESTING

A 38983

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

*5-22-87
Perce pending
plat approval JEN*

DISTRICT _____

DATE 3/24/87

*PERC DATE GIVEN TO
MR. BRENDEL'S MOTHER
4-7-87*

page 1 of 2

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER GENE and DONNA GOCHER
~~BROCK BRENDEL / BRENDEL FARMS INC. / PARCEL 137 INC.~~

ADDRESS 15298 UNION CHAPEL ROAD PHONE 442-2101
WOODBINE, MARYLAND 21797 489-4082

PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION:
SUBDIVISION CAT TAIL WOODS LOT NO. 1
15831

ROAD AND DESCRIPTION DAISY ROAD AND BELLIS DRIVE

TAX MAP 7 PARCEL # 137
SIZE OF LOT 3 ACRES TYPE BLDG. SINGLE FAMILY DWELLING
(SINGLE FAMILY DWELLING OR COMMERCIAL)
BLDG. PERMIT SIGNED AND RETURNED 1-14-98
Serial # 20010932
4 Bm

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. Brock Brendel / JEN
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

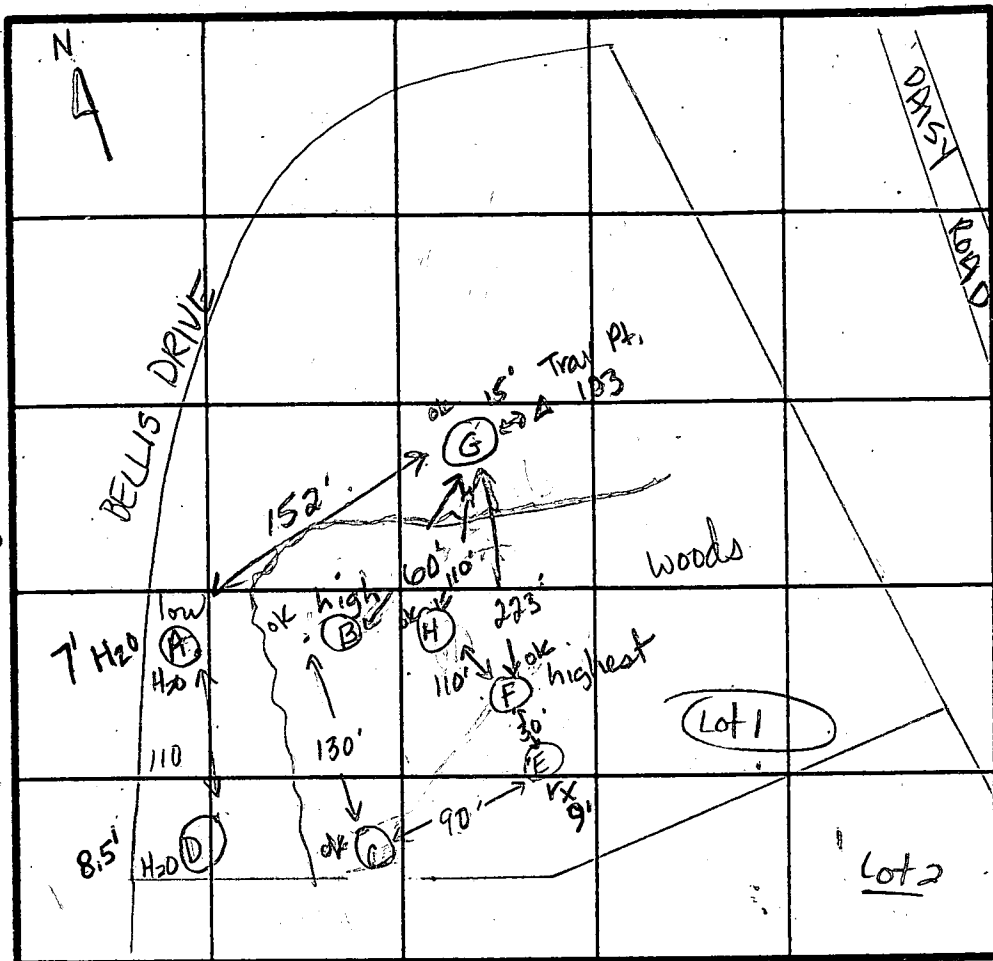
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING: For approval of subdivision plat Perce ok.
5-22-87 JEN

THIS IS NOT A PERMIT

Lot 1

A 32983



(B)
 0-4.0 Rd br si cl lm
 4.0-9.5 Yell br si lm
 9.5-12.5 Rd br si lm, rock frags schist
 12.5 Bottom

(E)
 0-4.0 dk rd br si sa cl lm, roots
 4.0-9.0 Rd si lm, lts. rx frags, schist
 9.0 Refusal on schist

(A)
 SOIL PROFILE

0-3.0 Rd br si cl lm, trc rx frag
 3.0'-5.5' Br si lm, trc rx frag
 5.5'-9.5' Broken rx frags, decomp schist
 9.5' Bottom
 (Water at 7.0')
 9.5' Ref

(D)

0-4.5 Orange brown si cl lm
 4.5-10.0 Br/yell si sa lm, trc rx frag
 10 Bottom
 (Water at 8.9')

(C)

0-5.5 Red br si sa lm
 5.5-8.5 Yellow br si lm
 8.5-13.5 Dk br/blk si lm schist frags
 13.5 Bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5-22-81	(A)	9.5' V	water at	7.0'				unsatisf
	(D)	10.0' V	water at	8.9"				unsatisf.
	C	4.0' S	10:41	10:43	10:43	10:46	3 min	ok
		13.5' D	bottom (see profile)					
	B	4.0' S	10:50	10:53	10:53	10:58	5 min	ok
		12.5' D	bottom (see profile)					
	(E)	9.0' V	bottom (see profile)		Refusal at 9.0'			unsatisf.
	F	4.5' S	3:54	4:03	4:03	4:12	8 min	ok
		7.0' M	3:52	4:02	4:02	4:28	26 min	ok
		12.0' D	bottom (see profile)					

REMARKS HOLES (A)(B)(C)(D) DUG PER TEST MUST. Added holes (E)(F)(G)(H) on plat.

TYPE OF SOIL Rd-br si cl loam; Yellow br si lm, trc rx frags, Blk. si loam, rx frag.

TESTED BY J. Nadeau / R. Hodges ALSO PRESENT Jeff Goodman, Bruce

EH-12-1078

APPLICATION

PERCOLATION TESTING

A 38983

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT: _____

DATE 3-24-87

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

page 2 of 2

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER _____

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Cat Tail Woods LOT NO. 1

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG _____
(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 _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

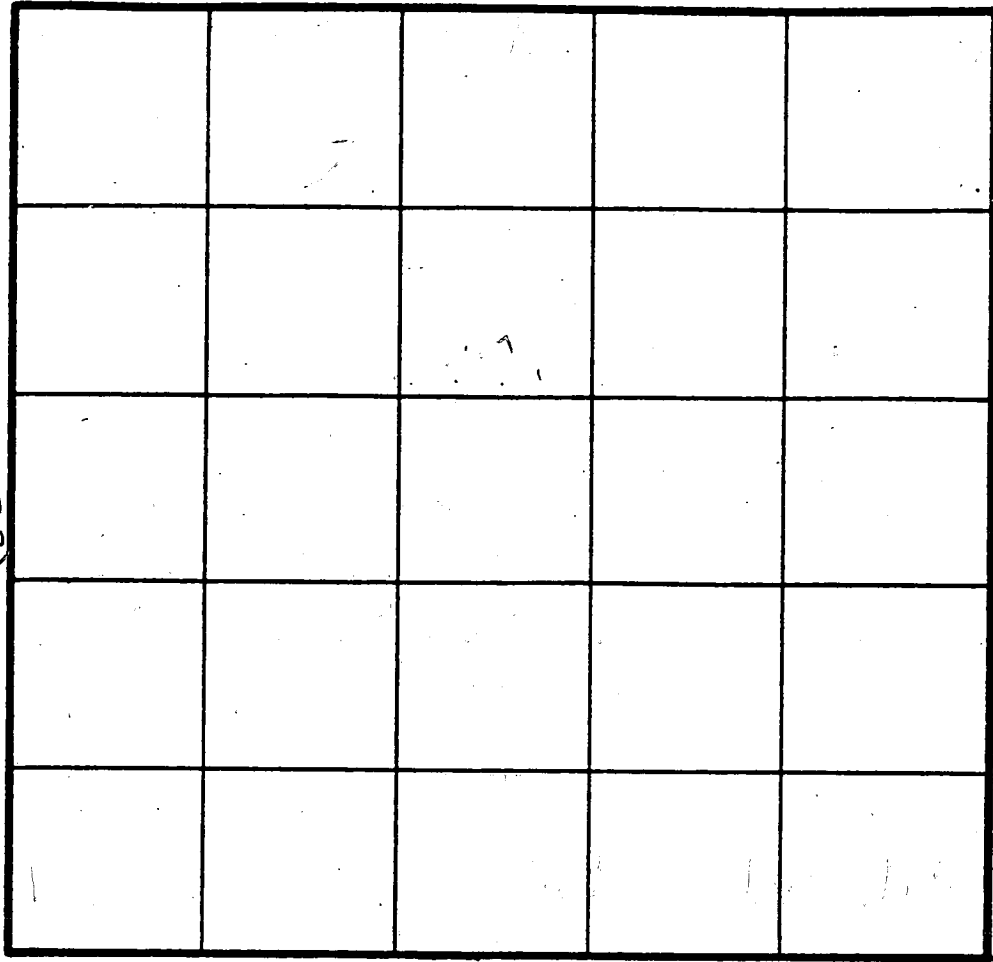
THIS IS NOT A PERMIT

A 38983

Lot 1

(F)
SOIL PROFILE

0-3.5 Rd br si cl
lm
3.5-6.5 Rd br si cl
lm, trc rx
frags
6.5-12.0 Brown si lm
some rx frags
schist
12.0 Bottom



50

$\bar{X} = 9 \text{ min}$
Inlet = 3.5 ft
Bottom = 7.5 ft
210 sqft/bdrm

(G)

0-6.0 Br, Yell si lm,
trc rx frags
6.0-12.5 Br si lm, trc
rx frags
12.5 Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-22-87	G	3.8' S	4:09	4:11	4:11	4:15	4 min ok
		12.5' D	bottom (see profile)				
	H	11.0' V	bottom see (profile)				ok

(H)

0-2.0' Rd br si
cl lm,
roots
2.0'-11.0' Rd br si
lm, trc
rx frags
11.0' Bottom

REMARKS _____
TYPE OF SOIL _____
TESTED BY _____ ALSO PRESENT _____

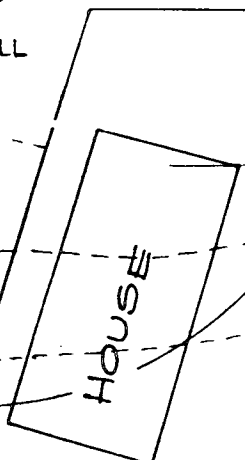
NOTE: NO SEPTIC AS
100' OF PROPERTY
PER PLAT # 5553

EX TEE
TURNAROUND
MATCHLINE

SEE THIS SHEET $509^{\circ}21'28''$ E 236.83' $509^{\circ}35'50''$ E 56.56' $508^{\circ}23'32''$ E 154'

184'
100' R.

WELL



LOT 1
3.01 AC ± GROSS

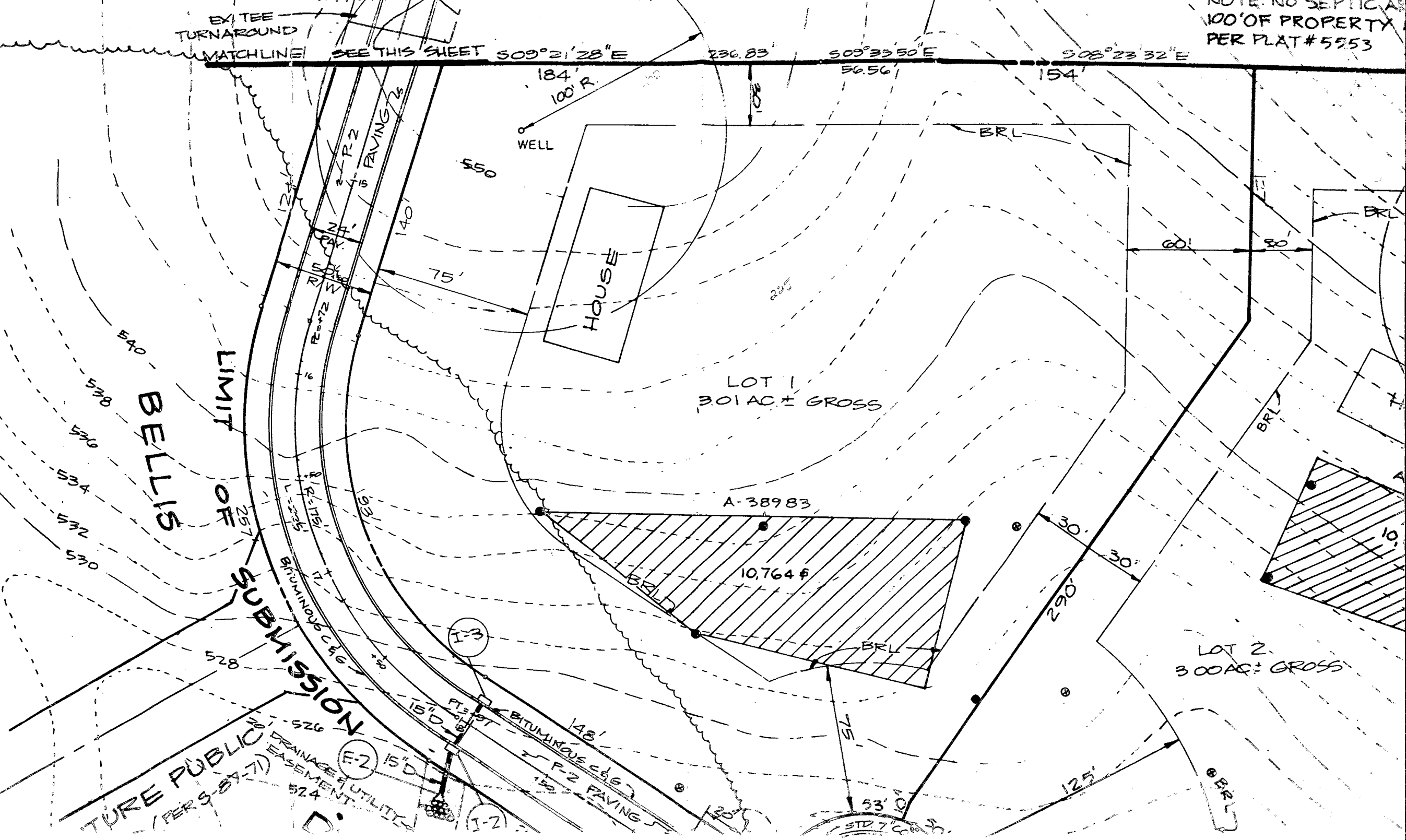
A-38983

10,764 ±

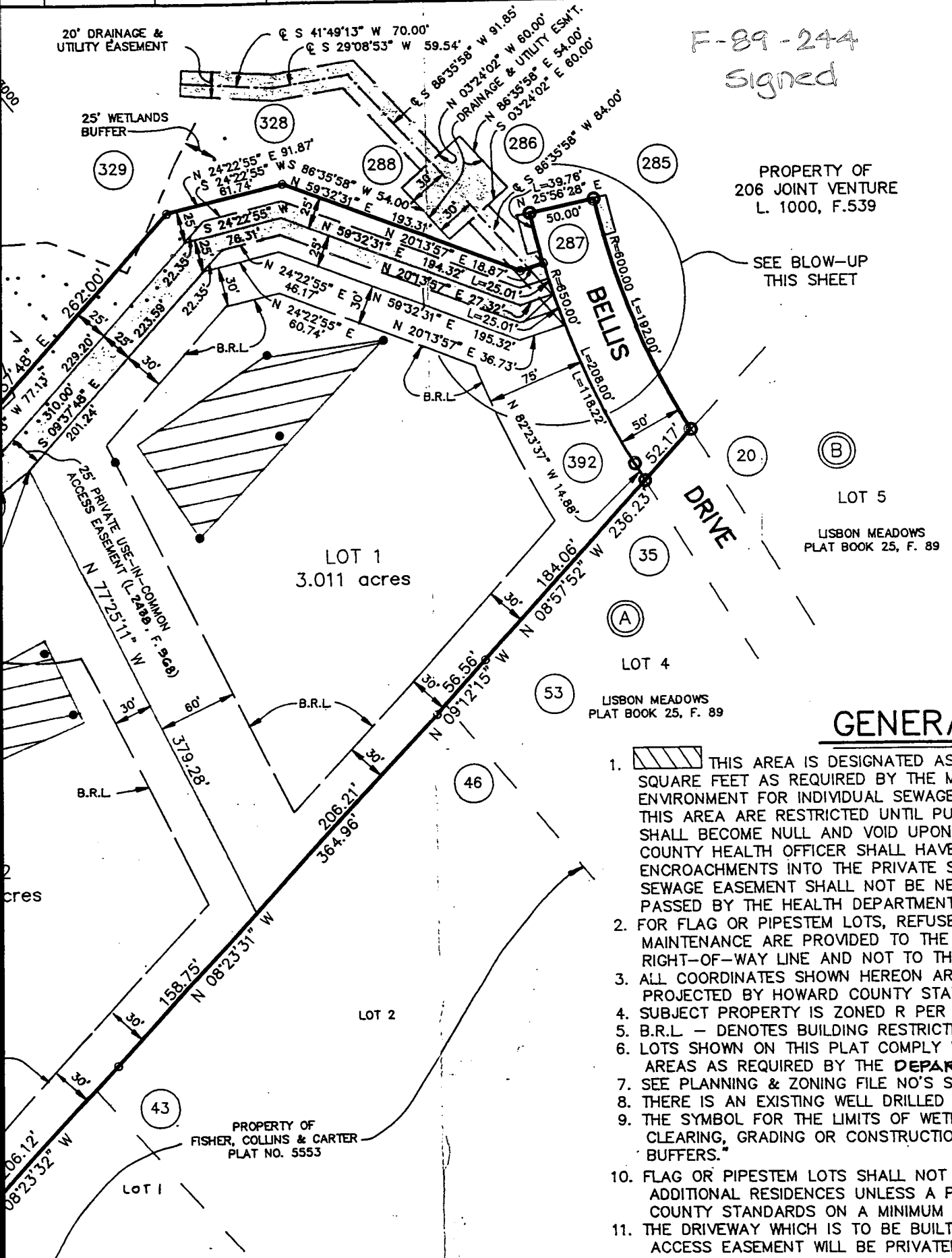
LOT 2
3.00 AC ± GROSS

LIMIT
OF
SUBMISSION
BELLIS

ATURE PUBLIC
(PER S-87-7)
DRAINAGE UTILITY
EASEMENT



NO.	GROSS AREA	LESS PIPESTEM	NET LOT AREA	GROSS AREA LESS		MIN. LOT AREA	10% CREATED SS	NET MIN.
				FLOODPLAIN	STEEP SLOPES			
	3.409 Ac.	0.282 Ac.	3.127 Ac.	0	0	3.409 Ac.	0	3.409 Ac.
	7.306 Ac.	0.567 Ac.	6.739 Ac.	1.982 Ac.	0	5.324 Ac.	0	5.324 Ac.



F-89-244
Signed

PROPERTY OF
206 JOINT VENTURE
L. 1000, F.539

SEE BLOW-UP
THIS SHEET

(B)

LOT 5

LISBON MEADOWS
PLAT BOOK 25, F. 89

LOT 4
LISBON MEADOWS
PLAT BOOK 25, F. 89

GENERAL NOTE

- THIS AREA IS DESIGNATED AS A PRIVATE SEWAGE SQUARE FEET AS REQUIRED BY THE MARYLAND STATE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THIS AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO REMOVE ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. SEWAGE EASEMENT SHALL NOT BE NECESSARY. THE REGULATIONS PASSED BY THE HEALTH DEPARTMENT ARE SHOWN ON THIS SHEET.
- FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, STREET MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE RIGHT-OF-WAY LINE AND NOT TO THE FLAG OR PIPESTEM.
- ALL COORDINATES SHOWN HEREON ARE BASED ON THE DATUM PROJECTED BY HOWARD COUNTY STATIONS NUMBER 36.
- SUBJECT PROPERTY IS ZONED R PER 8-2-85 COMPREHENSIVE ZONING ORDINANCE.
- B.R.L. - DENOTES BUILDING RESTRICTION LINE.
- LOTS SHOWN ON THIS PLAT COMPLY WITH THE MINIMUM REQUIREMENTS AREAS AS REQUIRED BY THE DEPARTMENT OF THE ENVIRONMENT.
- SEE PLANNING & ZONING FILE NO'S S-87-71 & P-89-100.
- THERE IS AN EXISTING WELL DRILLED ON LOT 2.
- THE SYMBOL FOR THE LIMITS OF WETLANDS IS AS FOLLOWS. CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE BUFFERS.
- FLAG OR PIPESTEM LOTS SHALL NOT BE FURTHER SUBDIVIDED INTO ADDITIONAL RESIDENCES UNLESS A PUBLIC ROAD CAN BE PROVIDED THAT MEETS COUNTY STANDARDS ON A MINIMUM FIFTY FOOT RIGHT-OF-WAY.
- THE DRIVEWAY WHICH IS TO BE BUILT WITHIN THE 25 FOOT ACCESS EASEMENT WILL BE PRIVATELY OWNED AND MAINTAINED BY THE ADJACENT PROPERTY OWNER.

12. DRIVEWAY SHALL BE PROVIDED TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES.
REQUIREMENTS:
a) WIDTH - 16 FEET.
b) SURFACE - SIX (6") INCHES OF COMPACTED CRUSHER RUN BASE WITH

f) STRUCTURE CLEARANCES - MINIMUM
g) MAINTENANCE - SUFFICIENT TO INSURE



HOWARD COUNTY HEALTH DEPARTMENT

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

January 9, 1998

TO: Barnard Bros. Construction Co., Inc.
1612 Brittle Branch Way
Woodbine, Maryland 21797

FROM: Amy Mc Millen, R.S.
Water & Sewerage Program *AM*

RE: Building Permit #B00109321
Cattail Woods - Lot 1
15831 Bellis Drive

COMMENTS

This office has received the above referenced building permit application. We are unable to approve your permit at this time for the following reasons:

- If there is a well on the property, a well completion report has not been submitted to this office by the well driller, Dana Kyker of Westminster Rotary Well Drilling. If there is not a well, the current permit to drill, HO-94-0898, has expired. Submittal of a new well permit application would be necessary.
- If the well is drilled, the actual well location is not shown.

If you have any question, please call Amy Mc Millen at (410)313-2640.
Thank you for your cooperation in this matter.

RESOLVED

1-14-98

Well drilled 8/30/96
Completion report received
9-11-97 but not filed
w/ property file.
Shown well loc. ~~AM~~
is actual location.

AM:am
cc:File

AM

Total linear feet of trench required 240 feet

Width of trench(es) 2.0 feet

Depth of trench(es) 6.5 feet

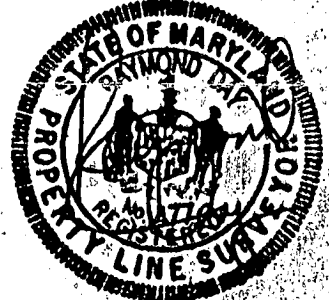
Depth of stone required below 35 feet distribution pipe

Approved Septic System Plan
Howard County Health Department

PLOT PLAN
LOT 1, SECTION 1
CATTAIL WOODS
SITUATED ON BELLIS DRIVE
ELECTION DISTRICT No 4
HOWARD COUNTY, MARYLAND
SCALE: 1"=60' JAN. 1988

- Ⓐ PROP. & BED. HOUSE
F.F. ELEV. = 545.7
BSMT. ELEV. = 539.7
FIN. ELEV. = 538.2
- Ⓑ PROP. SEPTIC TANK
EX. ELEV. = 542.7
INV. IN = 537.7
INV. OUT = 537.4
- Ⓒ PROP. DIST. BOX
EX. ELEV. = 539.6
INV. ELEV. = 536.0
- Ⓓ PROP. TRENCHES
INV. ELEV. = 536.6
3.6' STONE, 0.6' BOTTOM MAX.
LENGTH TO BE DETERMINED AT
TIME OF SEPTIC PERMIT ISSUANCE.

James W. Mella
Signature 1/14/98
Date



I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF Howard COUNTY, MARYLAND, AS REFERENCED HEREON.

NASSAUX - HEMSLEY, INC.

204 S. MAIN STREET
MOUNT AIRY, MARYLAND
301-829-2296

REFERENCE	JOB NO.
PLAT # 10277	375Y 1104

21771

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 _____

Name of Installer Keith Hundertmark

Telephone _____

License Number 8300

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber

Name of Property Owner Gene & Donna Gochar Telephone _____

Subdivision Cat Tail Woods Lot # 1 Well Tag # _____

Site Address 15831 BELLIS Dr.

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible
- Make _____
- Model # _____
- Capacity _____ GPM

Motor

- Horsepower _____
- RPM _____
- Voltage _____
 - 110 _____
 - 220 _____

Pitless Adapter

- Make Yes
- Model # _____
- Depth _____

- 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 _____

Tank

- Capacity _____
- Pressure relief valve? _____

Piping

- Type _____
- Size _____
- NSF and/or BOCA Code approved _____
- Depth of supply line _____

Well data

- Depth _____ ft.
- Yield _____ GPM
- Static water level _____ ft.
- 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: Keith Hundertmark

Date: 2-4-98

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

C1 7806

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 38985

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

083096

230

H0-94-0898

OWNER 206 JOINT VENTURE STREET OR RFD BELLIS DRIVE TOWN LISBON SUBDIVISION CATAIL WOODS SECTION 1 LOT 1

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, Soft Br. Shal, Soft Br. Shale, Hard Bl. Shale, Hard Gr. Shale, Hard Bl. Snale.

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 2,632

GALLONS OF WATER 168

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 7.9 ft.

CASING RECORD

types insert appropriate code below. Options: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER)

MAIN CASING TYPE. Nominal diameter top (main) casing (nearest inch): 6. Total depth of main casing (nearest foot): 81.

OTHER CASING (if used)

diameter inch, depth (feet) from to

SCREEN RECORD

screen type or open hole. Options: ST (STEEL), BR (BRASS BRONZE), PL (PLASTIC), HO (OPEN HOLE), OT (OTHER)

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. 256

Dana Kyker Jr. II DRILLERS SIGNATURE

LIC. NO. 334

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.)

Table with columns: 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. Values: 81, 230.

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

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.) 10

METHOD USED TO MEASURE PUMPING RATE submersible

BEFORE PUMPING 29 ft.

WHEN PUMPING 75 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 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)

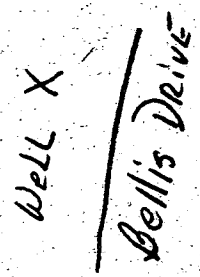
PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

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

LAND SURFACE - below (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)



EMERGENCY/TEMP NO. IF ANY

B 1 **7051**
(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
HO-94-0898
70 fill in this form completely 79

Date Received (APA)
080596
OWNER INFORMATION
206 Joint Venture
15 Last Name Owner First Name 34
15555 Union Chapel Rd
36 Street or RFD 55
Woodbine Md 21797
57 Town 70 State 72 Zip 76

DRILLER INFORMATION MSD/MGD/MWD
Dana Kyker Jr II **256**
Driller's Name 77 License No. 80
Westminster Rotary Well Drilling
Firm Name
PO. Box 861 Westminster Md 21157
Address
Dana Kyker Jr II TW 8-296
Signature Date

B 2 **WELL INFORMATION**
APPROX. PUMPING RATE (GAL. PER MIN.) **5**
8 12
AVERAGE DAILY QUANTITY NEEDED
(GAL. PER DAY) **420**
14 20

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
24 28

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

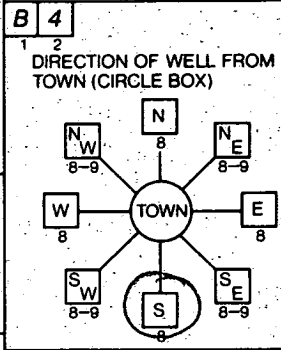
METHOD OF DRILLING (circle one)
BORED (or Augered) **JETTED** **Jetted & DRIVEN**
30 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
35 CABLE REVerse-ROTary Drive-POINT
other _____

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
39 **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 _____ 52

Not to be filled in by driller (OEP USE ONLY)
APPROX. PERMIT NUMBER _____ GAP _____
54 63
FORCE **AM** WRITE INITIALS IN BOX 67 68 PERMIT No. **HO-94-0898**
70 71 72 73 74 75 76 77 78 79

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

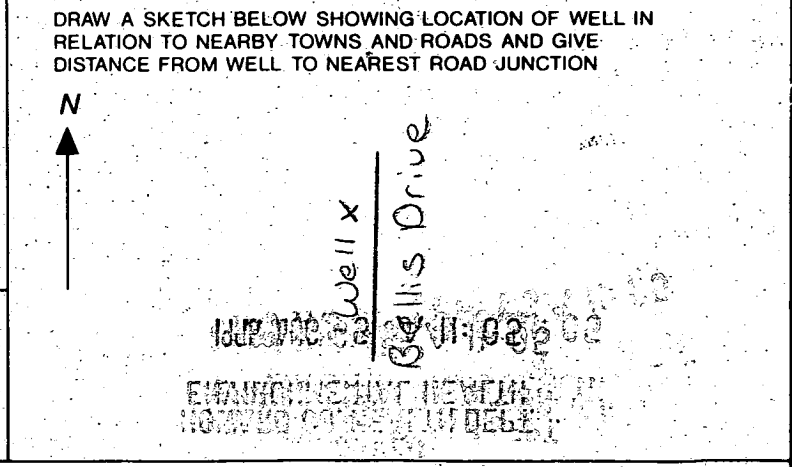
B 3 **LOCATION OF WELL**
Howard
8 COUNTY 21
Cattail Woods
23 SUBDIVISION 42
SECTION **1** LOT **1**
44 46 48 50
Lisbon
52 NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) **1.2** MI
73 76 77 78 79



B 4 **Bellis Drive**
11 NEAR WHAT ROAD 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 W **N** **E**
 S **WEST** **EAST**
34 **100** 37
DISTANCE FROM ROAD
ENTER FT OR MI **FT**
38 39
TAX MAP: _____ BLK: _____ PARCEL _____

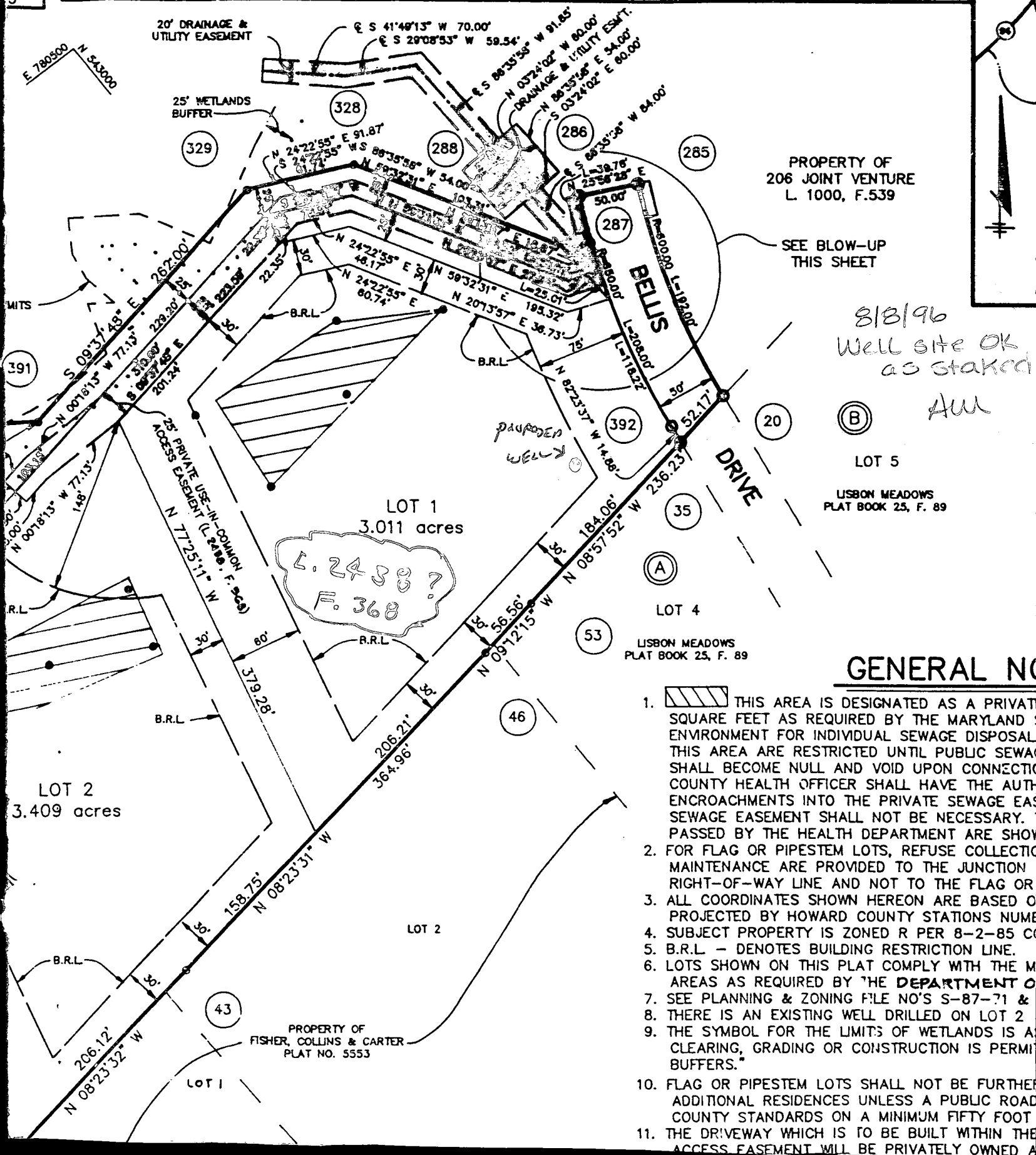
NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL
Howard Co. **A38983**
COUNTY NAME COUNTY NO.
STATE SIGNATURE _____ INSERT S 41
DATE ISSUED
080896A **J. M. Mullen** **8/1/97**
43 48 CO SIGNATURE EXP. DATE
NORTH GRID **544000** EAST GRID **0780000**
50 55 57 63

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
8/29/96 Grant
SOURCES OF DRILLING WATER
1. _____
2. _____
3. _____
WRITE THE BOX NUMBER FROM THE MAP HERE
E **780**
N **5404** **x well**
000 000



MINIMUM LOT SIZE TABULATION

LOT NO.	GROSS AREA	LESS PIPESTEM	NET LOT AREA	GROSS AREA LESS		MIN. LOT AREA	10% CREATED SS	NET MIN.
				FLOODPLAIN	STEEP SLOPES			
2	3.409 Ac.	0.282 Ac.	3.127 Ac.	0	0	3.409 Ac.	0	3.409 Ac.
3	7.306 Ac.	0.567 Ac.	6.739 Ac.	1.982 Ac.	0	5.324 Ac.	0	5.324 Ac.



GENERAL NOTES

1. THIS AREA IS DESIGNATED AS A PRIVATE SQUARE FEET AS REQUIRED BY THE MARYLAND ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE SHALL BECOME NULL AND VOID UPON CONNECTION. COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO ENFORCE ENFORCEMENTS INTO THE PRIVATE SEWAGE EASEMENT SHALL NOT BE NECESSARY. PASSED BY THE HEALTH DEPARTMENT ARE SHOWN.
2. FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE RIGHT-OF-WAY LINE AND NOT TO THE FLAG OR PIPESTEM.
3. ALL COORDINATES SHOWN HEREON ARE BASED ON THE PLAT PROJECTED BY HOWARD COUNTY STATIONS NUMBERED.
4. SUBJECT PROPERTY IS ZONED R PER 8-2-85 CODE.
5. B.R.L. - DENOTES BUILDING RESTRICTION LINE.
6. LOTS SHOWN ON THIS PLAT COMPLY WITH THE MINIMUM AREAS AS REQUIRED BY THE DEPARTMENT OF ENVIRONMENT.
7. SEE PLANNING & ZONING FILE NO'S S-87-71 & S-87-72.
8. THERE IS AN EXISTING WELL DRILLED ON LOT 2.
9. THE SYMBOL FOR THE LIMITS OF WETLANDS IS A HATCHED AREA. CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THESE BUFFERS.
10. FLAG OR PIPESTEM LOTS SHALL NOT BE FURTHER SUBDIVIDED INTO ADDITIONAL RESIDENCES UNLESS A PUBLIC ROAD OR DRIVEWAY IS PROVIDED TO MEET COUNTY STANDARDS ON A MINIMUM FIFTY FOOT WIDE DRIVEWAY.
11. THE DRIVEWAY WHICH IS TO BE BUILT WITHIN THE ACCESS EASEMENT WILL BE PRIVATELY OWNED AND MAINTAINED.