

1/16/01
10:00
1-13-01
pm work-in-progress
1/16/01
12:00
5/8/01-12:00 Pump Insp

9/9/01
1:00
INDEXED

PERMIT

SEWAGE DISPOSAL SYSTEM

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

P 514710-B
A 56564-D
ISSUE DATE 12/13/2000
APPROVAL DATE 5/9/01

TAC ID# 05-431905
INDEXED

Fogles Septic Clean, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 580 Obrecht Road, Sykesville, MD 21784 PHONE 410-795-5670
SUBDIVISION Big Branch Overlook LOT NUMBER 4 ADDRESS 14017 Big Branch Drive
PROPERTY OWNER Big Branch Overlook PROPERTY OWNER'S ADDRESS 7164 Columbia Gateway Dr.
SEPTIC TANK CAPACITY 1250 GALLONS **BUILDING PERMIT SIGNED** Columbia, MD 21036
PUMP CHAMBER CAPACITY 1250 GALLONS **AND RETURNED**
NUMBER OF BEDROOMS 4 9-22-04 BOD 150455-BATHROOM
SQUARE FEET PER BEDROOM 210 4-13-05 BOD 153022-16 POU V
LINEAR FEET OF TRENCH REQUIRED 280 5-5-05 BOD 153617-DECK

TRENCHES: Trenches to be 3.0 feet wide. Inlet 2.0 feet below original grade. Bottom maximum depth 4.0 feet below original grade. 2.0 feet of stone below distribution box.
LOCATION: Begin trenches 175 feet up the left lot line and 10 feet off that same lot line as seen when facing the lot from Big Branch Drive. Run trenches on contour toward the right lot line.

Call for trench layout inspection so upper corner of septic easement loss is minimized

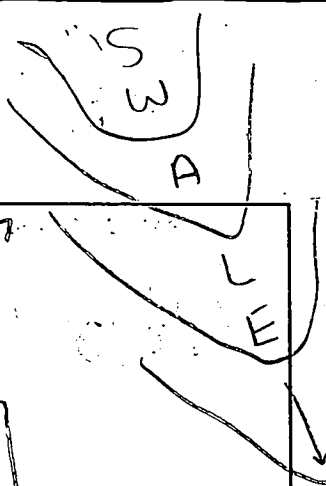
PLANS APPROVED Amy Mc Millen OK SRK DATE 10/4/00

- PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS ARE NOT ACCEPTABLE
- NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRAINFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS OTHERWISE SPECIFICALLY AUTHORIZED
- NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED
- NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES
- NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

514710-B

NOT TO SCALE



TRENCH DATA

TRENCH WIDTH 3'
 TRENCH INLET DEPTH 2.0'
 TRENCH BOTTOM DEPTH 4.0'
 DEPTH OF STONE 2.0'
 NUMBER OF TRENCHES 4
 TOTAL TRENCH LENGTH 280'
 ABSORBENT AREA 840 ft²
 DISTRIBUTION BOX LEVEL
 BAFFLE IN DISTRIBUTION BOX

SEPTIC TANK DATA

SEPTIC TANK 1250 TS GALLONS
 MANHOLE RISER
 6 INCH INSPECTION PORT

PUMP CHAMBER DATA

PUMP CHAMBER GALLONS 1250 TS
 MANHOLE RISER
 ALARM OPERATIONAL
 PUMP PERFORMANCE TEST

BIG BRANCH DR

PRE-CONSTRUCTION INSPECTION: 1/16/01 D.B. @ HOUSE END OF SRA TRENCHES 40', 60', 85', 95'; CONTINUE 1516 SWALE COMPROMISES LOW END OF SRA (MR)

INSPECTION COMMENTS: 1/17/01 OK to cover trenches and pump line. Need to install pump line and manholes on tanks. DYC

1/18/01 MANHOLE OK (MR)

3/8/01 Pump test failed - insufficient water in pump pit. DYC

5/9/01 - PUMP & ALARM OPERATIONAL - (SRK)

INSPECTOR Steven R. Krieg DATE SYSTEM APPROVED 5/9/01

APPLICATION

PERCOLATION TESTING

A 56564C

P _____

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

DISTRICT 5TH

DATE 1/17/96

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 C.M.C. CONSTRUCTION, INC.

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER CHUCK SHARP

ADDRESS 3779 SHARP ROAD. PHONE 410-489-4630

PROPERTY LOCATION:

SUBDIVISION C.M.C. CONSTRUCTION PROPERTY LOT NO. 4

ROAD AND DESCRIPTION HOWARD ROAD 3000'± FROM INTERSECTION
TRIADELPHIA ROAD (SOUTH)

TAX MAP 27 PARCEL # 19

SIZE OF LOT 3 AC. TYPE BLDG. SINGLE FAMILY DWELLING
(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.

Chuck A Sharp
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

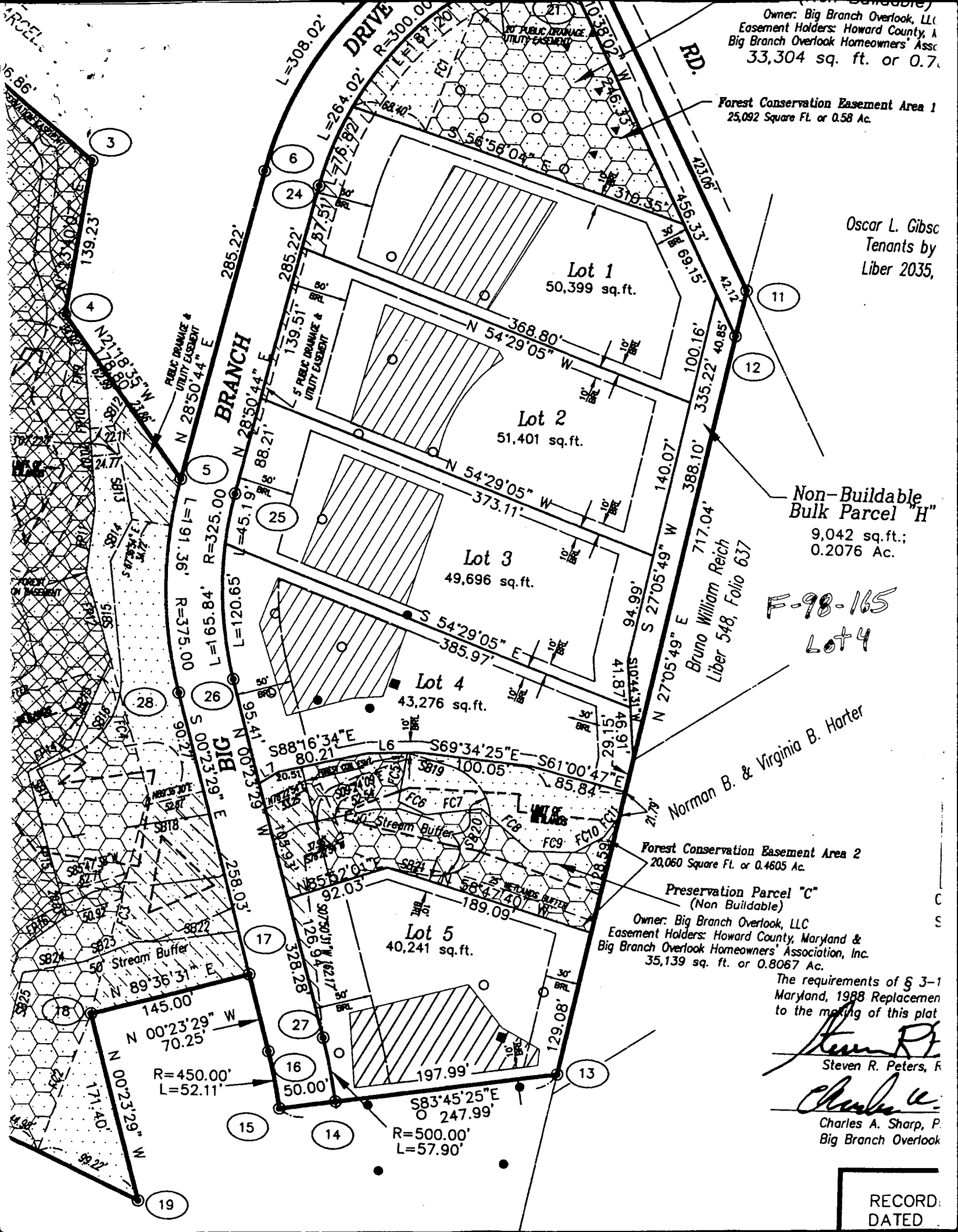
HOLD PENDING FURTHER TESTS _____

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



Owner: Big Branch Overlook, LLC
 Easement Holders: Howard County, A
 Big Branch Overlook Homeowners' Assoc
 33,304 sq. ft. or 0.7

Forest Conservation Easement Area 1
 25,092 Square Ft. or 0.58 Ac.

Oscar L. Gibso
 Tenants by
 Liber 2035,

Non-Buildable
 Bulk Parcel "H"
 9,042 sq. ft.;
 0.2076 Ac.

F-98-165
 Lot 4

Bruno William Reich
 Liber 548, Folio 637

Norman B. & Virginia B. Harter

Forest Conservation Easement Area 2
 20,060 Square Ft. or 0.4605 Ac.

Preservation Parcel "C"
 (Non-Buildable)
 Owner: Big Branch Overlook, LLC
 Easement Holders: Howard County, Maryland &
 Big Branch Overlook Homeowners' Association, Inc.
 35,139 sq. ft. or 0.8067 Ac.

The requirements of § 3-1
 Maryland, 1988 Replacemen
 to the making of this plat

Steven R. Peters
 Steven R. Peters, F

Charles A. Sharp
 Charles A. Sharp, P.
 Big Branch Overlook

RECORD
 DATED

APPROXIMATE LIMIT OF
MAR FLOODPLAIN

PAGE 11
COPY

WATER QUALITY TRAP
@ S-1 (OFF-LINE)

25' Wetlands Buffer

25' Wetlands Buffer

N28°50'44"E
285.22'

R=3

BEAVER DRIVE

Wetlands

Wetlands

Wetlands

Wetlands

Lot 30
50,000 s.f.

Lot 6
43,500 s.f.

Lot 4
44,400 s.f.

Lot 9
54,000 s.f.

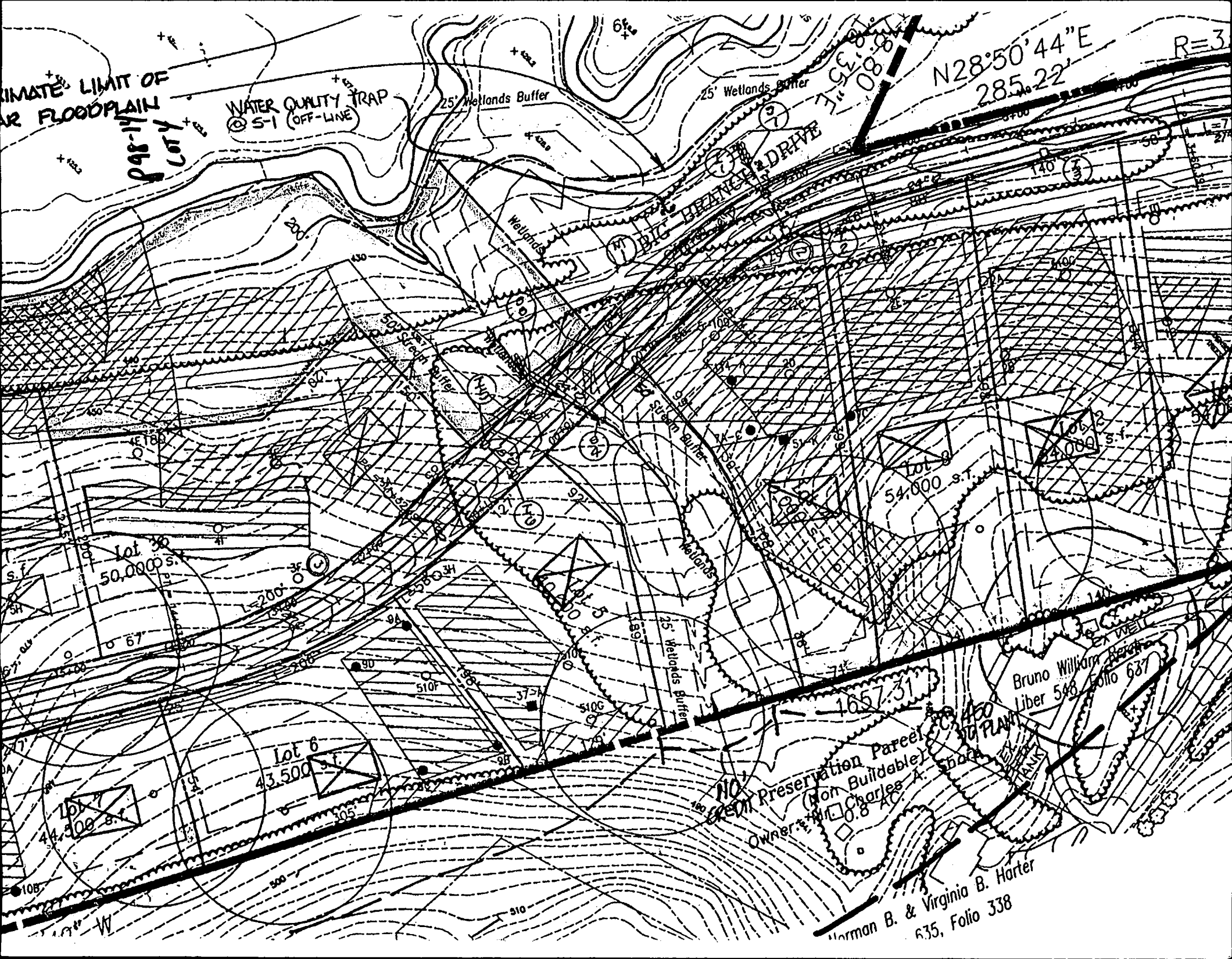
Lot 12
44,000 s.f.

1657.31

NO CREDIT
Preservation Parcel
(Non-Buildable)
Owner: Charles A.
0.8 AC.

Bruno William Bergh
Liber 588 Folio 637

Norman B. & Virginia B. Harter
635, Folio 338



OK
 SRK 4/25/01

WATER WELL ABANDONMENT-SEALING REPORT FORM

2001 APR 13 PM 3:40

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: 4-6-01 (month/day/year)

PERMIT NUMBER OF ABANDONED WELL (if any)

HO - 94 - 1766

PERMIT NUMBER OF REPLACEMENT WELL

HO - 94 - 2673

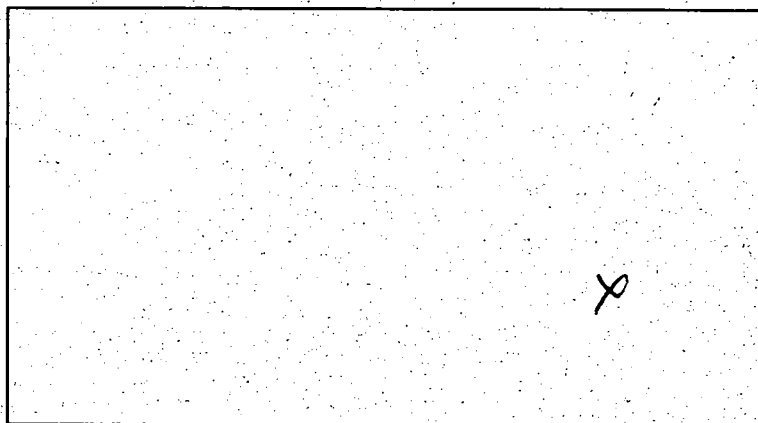
PERSON ABANDONING WELL: Allen Compton

WELL DRILLERS LICENSE NUMBER: 009

OWNER'S NAME: Toll Brothers

CIRCLE: MWD/MSD/MGD

SITE LOCATION MAP



WELL LOCATION:
 COUNTY: Howard
 NEAREST TOWN: Dayton
 TAX MAP: _____ BLOCK _____ PARCEL _____
 SUBDIVISION: Big Branch Overlook
 SECTION: _____ LOT: 4
 NEAREST ROAD: Big Branch Drive

TYPE OF WELL BEING ABANDONED:

- DRILLED JETTED
- BORED/AUGERED HAND DUG
- OTHER (specify) _____

USE CODE:

- DOMESTIC MUNICIPAL/PUBLIC
- IRRIGATION INDUSTRIAL
- TEST/OBSERVATION GEOTHERMAL

TYPE OF CASING:

- STEEL PLASTIC
- CONCRETE OTHER (specify) _____

SIZE OF CASING: 6 INCHES IN DIAMETER

DEPTH OF WELL: 400 FEET DEEP

WAS ANY CASING REMOVED? YES NO
 if yes, length removed, in feet: 13'

WAS CASING RIPPED OR PERFORATED? YES NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Cement	0	250
Coke-in	250	400
Cement	0	400

VOLUME OF MATERIAL USED

34 yds

SIGNATURE - MASTER WELL DRILLER OR SUPERVISING SANITARIAN

Allen Compton

LICENSE #

009

CIRCLE ONE

MWD/MSD/MGD

DATE

4-11-01



C1 4121

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. OK

COUNTY NUMBER A565890 9/25/01

DATE RECEIVED 1/19/99

DATE WELL COMPLETED 1/7/99

DEPTH OF WELL 400 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1766

OWNER HIGHLAND OIL, CMC. STREET OR RFD BIG BRANCH DR. TOWN DAYTON. SUBDIVISION BIG BRANCH OVERLOOK. SECTION 1. LOT 4.

WELL LOG table with columns for DESCRIPTION, FEET (FROM, TO), and check if water bearing. Includes entries for Sand (0-39) and Gray Mica Rock (39-400).

GROUTING RECORD section including WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS (20), NO. OF POUNDS (1880), and GALLONS OF WATER (120).

CASING RECORD section including casing types (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter (6), and Total depth (43).

OTHER CASING (if used) section with diameter and depth fields.

SCREEN RECORD section including screen type (ST, BR, HO, PL, OT) and DEPTH (41).

WELL HYDROFRACTURED (Y) and NUMBER OF UNSUCCESSFUL WELLS (0).

CIRCLE APPROPRIATE LETTER section with options 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 LIC. NO. MS D024. DRILLERS SIGNATURE Joseph E. Mayne. LIC. NO. D.

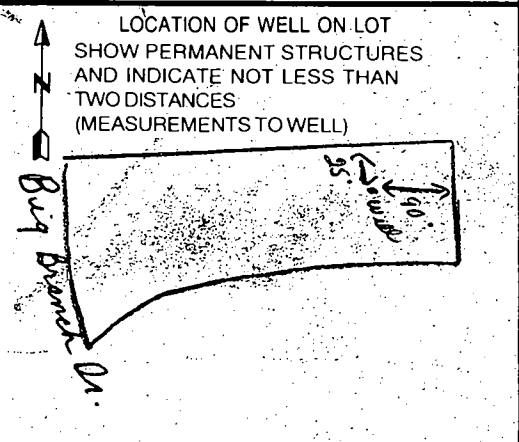
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) table with rows for ACHSREN and columns for 1-6.

MDE USE ONLY section including TELESCOPE CASING, LOG INDICATOR, and OTHER DATA.

PUMPING TEST section including HOURS PUMPED (3), PUMPING RATE (4), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (26), and TYPE OF PUMP USED (S).

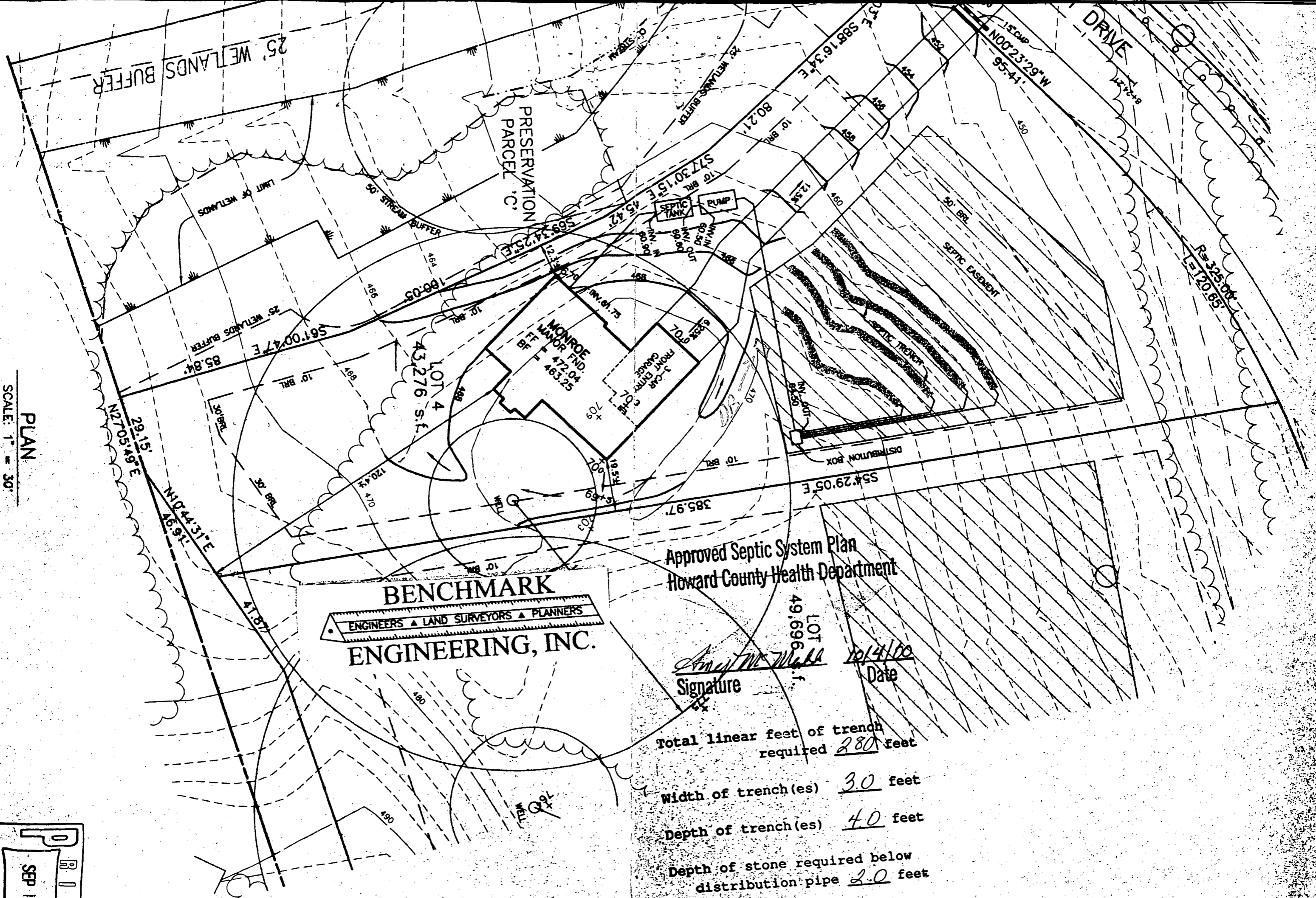
PUMP INSTALLED section including DRILLER INSTALLED PUMP (YES), TYPE OF PUMP INSTALLED (S), and PUMP HORSE POWER (37).



SCALE: 1" = 30'

PLAN

SEP 1



BENCHMARK
 ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.

Approved Septic System Plan
 Howard County Health Department

Signature *Amel M. Mulla* Date 10/4/00
 LOT 49,696 s.f.

Total linear feet of trench required 280 feet
 Width of trench(es) 3.0 feet
 Depth of trench(es) 4.0 feet
 Depth of stone required below distribution pipe 2.0 feet

OK
 SRU
 4/25/01

 WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

2001 APR 13 PM 3:40 H.D.

DATE WELL ABANDONED: 4-6-01 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any) HO - 94 - 21673

* PERMIT NUMBER OF REPLACEMENT WELL HO - 94 - ~~21673~~ 2943

* PERSON ABANDONING WELL: Allen Compton

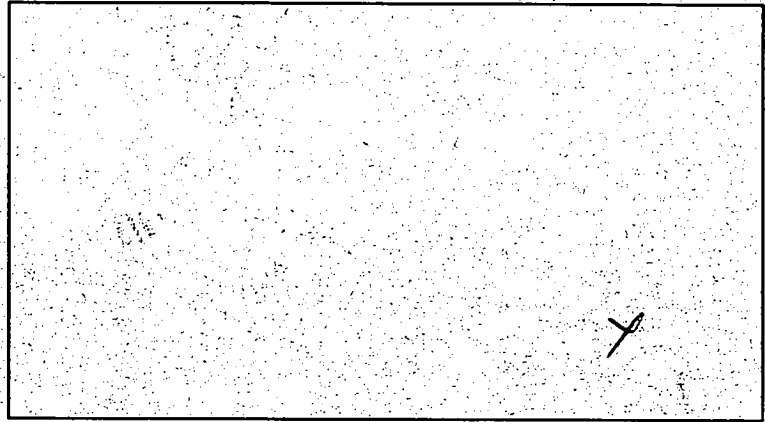
WELL DRILLERS LICENSE NUMBER: 009

CIRCLE: MWD MSD MGD

* OWNER'S NAME: Toil Brothers

SITE LOCATION MAP

* WELL LOCATION:
 COUNTY: Howard
 NEAREST TOWN: Dayton
 TAX MAP _____ BLOCK _____ PARCEL _____
 SUBDIVISION: Big Branch Overlook
 SECTION: _____ LOT: 4
 NEAREST ROAD: Big Branch Drive



* TYPE OF WELL BEING ABANDONED:

- DRILLED
 - BORED/AUGERED
 - OTHER (specify) _____
 - JETTED
 - HAND DUG
- USE CODE: _____
- DOMESTIC
 - IRRIGATION
 - TEST/OBSERVATION
 - MUNICIPAL/PUBLIC
 - INDUSTRIAL
 - GEOTHERMAL

* TYPE OF CASING:

- STEEL
- CONCRETE
- PLASTIC
- OTHER (specify) _____

* SIZE OF CASING: 6 INCHES IN DIAMETER

* DEPTH OF WELL: 400 FEET DEEP.

* WAS ANY CASING REMOVED? YES NO01 06 13 PM 3:41
 if yes, length removed, in feet: 9'3"

* WAS CASING RIPPED OR PERFORATED? YES NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Cement	0 0	400 250
Cave-in	250	400
VOLUME OF MATERIAL USED		
1.5 yds		

SIGNATURE: Allen Compton MASTER WELL DRILLER OR SUPERVISING SANITARIAN LICENSE # 009 CIRCLE ONE 0 DATE 4-11-01

B 1 **13912**

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER

Ho - 94 - 2843
fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13
BIG BRANCH OVERLOOK LLC

15 Last Name Owner First Name 34
7167 COLUMBIA GATEWAY DR

36 Street or RFD 55
COLUMBIA MD 21046

57 Town 70 State 72 Zip 76

B 3 **LOCATION OF WELL**

HOWARD Collapsed

8 COUNTY 21

BIG BRANCH OVERLOOK #4017

23 SUBDIVISION 42

SECTION 44 46 LOT 48 50

DAYTON

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) **2.1** MI

73 76 77 78

DRILLER INFORMATION

ALLEN COMPTON MS D 009

Driller's Name 76 License No. 81

FOGLES WELLS DRILLING

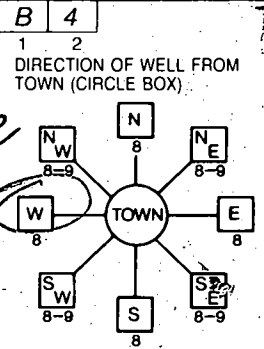
Firm Name

580 ORBERT RD SYKESVILLE MD 21784

Address

Allen Compton 4/28/00

Signature Date



BIG BRANCH DR

11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 **30** 37

DISTANCE FROM ROAD **FT**

ENTER FT OR MI 38 39

TAX MAP: _____ BLK: _____ PARCEL _____

B 2 **WELL INFORMATION**

APPROX. PUMPING RATE **5**

(GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED **500**

(GAL. PER DAY) 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, DEWATERING

PUBLIC WATER SUPPLY WELL

TEST, OBSERVATION, MONITORING

GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD **13**

COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S →

DATE ISSUED **5 15 00** **C. Will** **5/14/01**

43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID **5 14** 0 0 0 EAST GRID **0797** 0 0 0

50 55 57 63

APPROXIMATE DEPTH OF WELL **300** 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

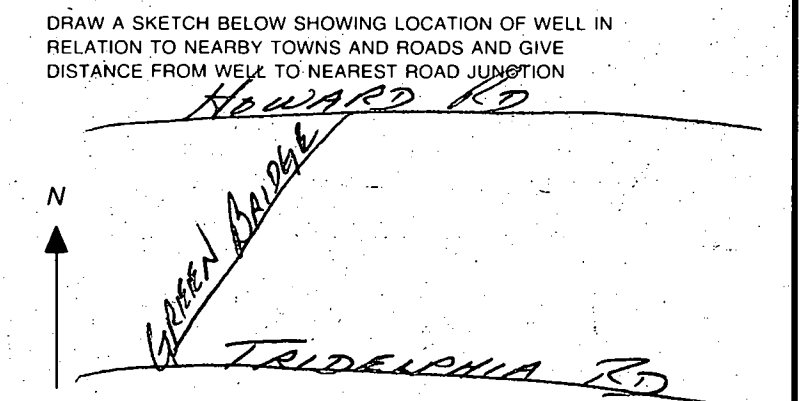
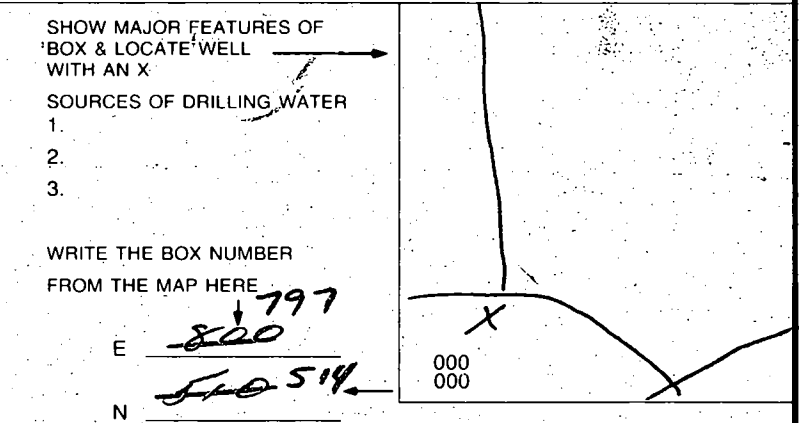
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 **HO - 94 - 1766**

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER 54 G A P 63

PERMIT No. **HO - 94 - 2673**

70 71 72 73 74 75 76 77 78 79



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED. **REPLACE WELL TO BE ABANDONED - YIELD TEST REQ'D.**

Wetlands

25' Utility

Public Drainage & Utility Easement

BRANCH

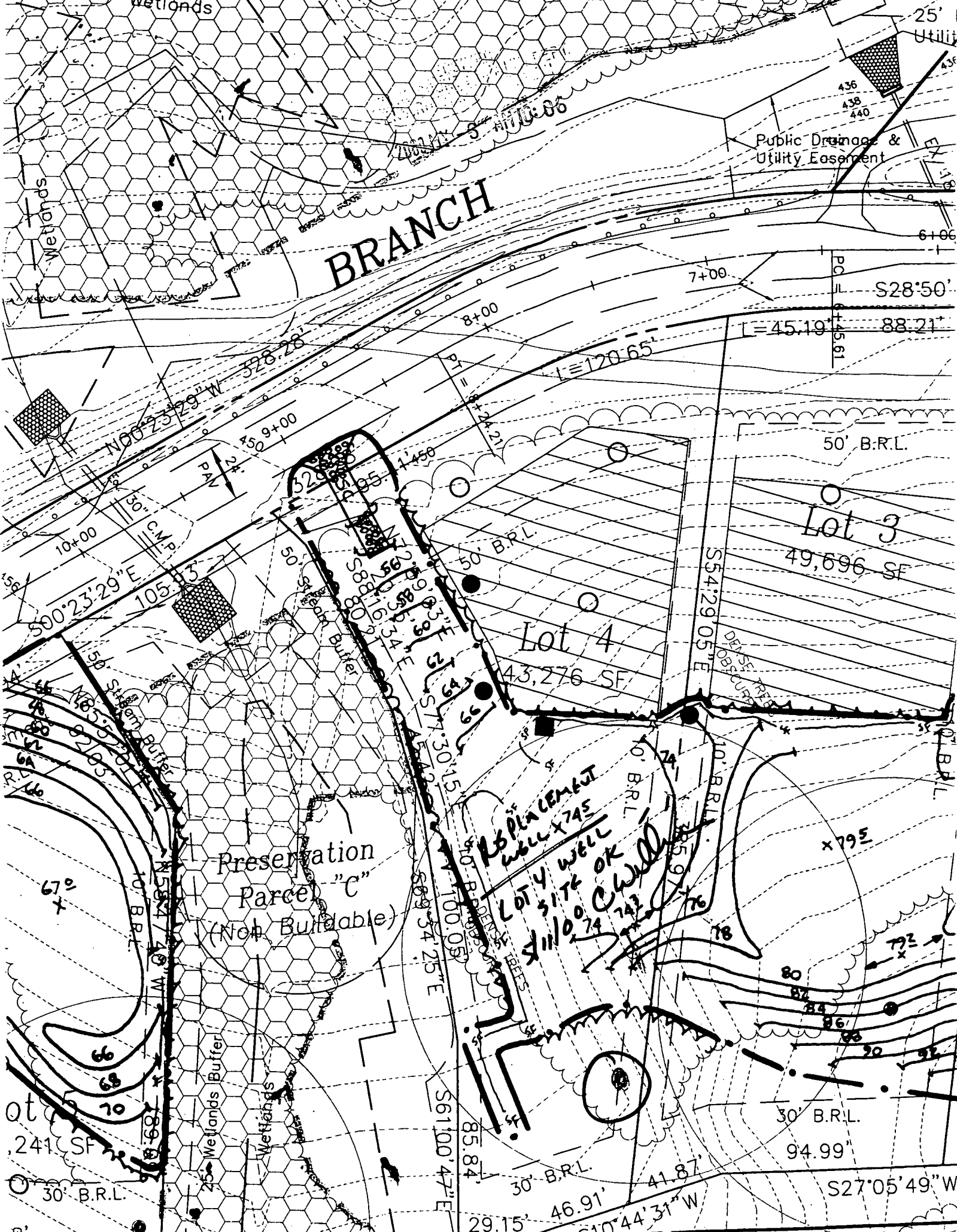
S28°50'
88.21'

50' B.R.L.
Lot 3
49,696 SF

Lot 4
43,276 SF

Preservation Parcel "C"
(Not Buildable)

15' placement well x745
LOT 4 SITE OK
\$1100 CHILL



30' B.R.L.

30' B.R.L.
94.99'

S27°05'49" W

29.15' 46.91' 41.87'
S10°44'31" W

S61°00'47" E
85.84'

S69°34'25" E

S74°30'15" E

S81°08'34" E

S88°08'34" E

S92°08'34" E

S96°08'34" E

S50°23'29" E
105.13'

N00°23'29" W
328.28'

N00°23'29" W
328.28'

241 SF

66
68
70

62
64
66
68
70

58
60
62
64
66
68
70

52
54
56
58
60
62
64
66
68
70

46
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52
54
56
58
60
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66
68
70

40
42
44
46
48
50
52
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56
58
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62
64
66
68
70

OK SRH
 4/25/01

 WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: 4-6-01 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any) HO - 94 - 2943

* PERMIT NUMBER OF REPLACEMENT WELL HO - 94 - 3067

* PERSON ABANDONING WELL: Allen Conpton

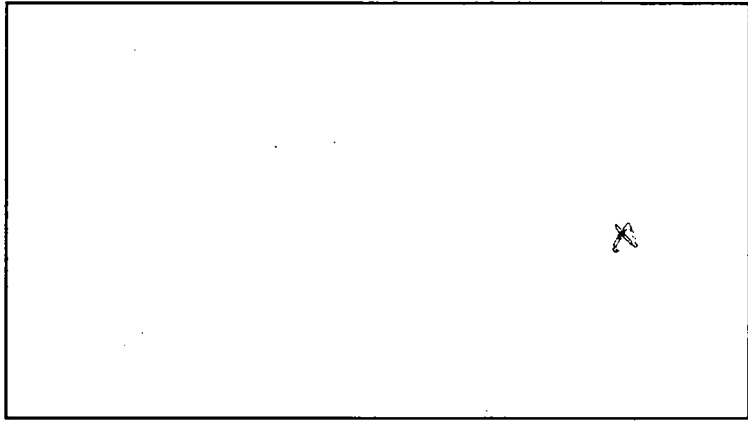
WELL DRILLERS LICENSE NUMBER: 009

CIRCLE: MWD/MSD/MGD

* OWNER'S NAME: TOLL Brothers

SITE LOCATION MAP

* WELL LOCATION:
 COUNTY: Howard
 NEAREST TOWN: Dorchester
 TAX MAP _____ BLOCK _____ PARCEL _____
 SUBDIVISION: Big Branch Overlook
 SECTION: _____ LOT: 4
 NEAREST ROAD: Big Branch Drive



* TYPE OF WELL BEING ABANDONED:

- DRILLED JETTED
- BORED/AUGERED HAND DUG
- OTHER (specify) _____

USE CODE:

- DOMESTIC MUNICIPAL/PUBLIC
- IRRIGATION INDUSTRIAL
- TEST/OBSERVATION GEOTHERMAL

* TYPE OF CASING:

- STEEL PLASTIC
- CONCRETE OTHER (specify) _____

* SIZE OF CASING: 6 INCHES IN DIAMETER

* DEPTH OF WELL: 300 FEET DEEP

* WAS ANY CASING REMOVED? YES NO
 if yes, length removed, in feet: 4'

* WAS CASING RIPPED OR PERFORATED? YES NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
<u>Cement</u>	<u>0</u>	<u>300</u>
VOLUME OF MATERIAL USED		
<u>2 yds</u>		

SIGNATURE - MASTER WELL DRILLER OR SUPERVISING SANITARIAN

LICENSE # 009

CIRCLE ONE MWD/MSD/MGD

DATE 4-11-01



B 1 2 3 6
12027
SEQUENCE NO. (MDE USE ONLY)
No FEE

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER SRV ✓
HO-94-2943
fill in this form completely

Date Received (APA) 01/22/01
OWNER INFORMATION
BIG BRANCH OVERLOOK LLC
7164 COLUMBIA GATEWAY DR SUITE 230
COLUMBIA MD 21046

LOCATION OF WELL
HOWARD
B.G BRANCH OVERLOOK
DAYTON
MILES FROM TOWN 2

DRILLER INFORMATION
ALLEN COMPTON MS0009
FOLLIES WELL DRILLING
540 DORRICH RD SIKESVILLE
Allen Compton 1/22/01

DIRECTION OF WELL FROM TOWN (CIRCLE BOX) W
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH
DISTANCE FROM ROAD 225 FT
TAX MAP: BLK: PARCEL:

WELL INFORMATION
APPROX. PUMPING RATE 5
AVERAGE DAILY QUANTITY NEEDED 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)
D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, DEWATERING
P PUBLIC WATER SUPPLY WELL
T TEST, OBSERVATION, MONITORING
G GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard 13
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 01/22/01
CO SIGNATURE EXP. DATE 01/25/02
NORTH GRID 514 000 EAST GRID 0797 000

APPROXIMATE DEPTH OF WELL 300 FEET
APPROXIMATE DIAMETER OF WELL 6 INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
WRITE THE BOX NUMBER FROM THE MAP HERE
E 790
N 5104

METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTARY DRIVE-POINT

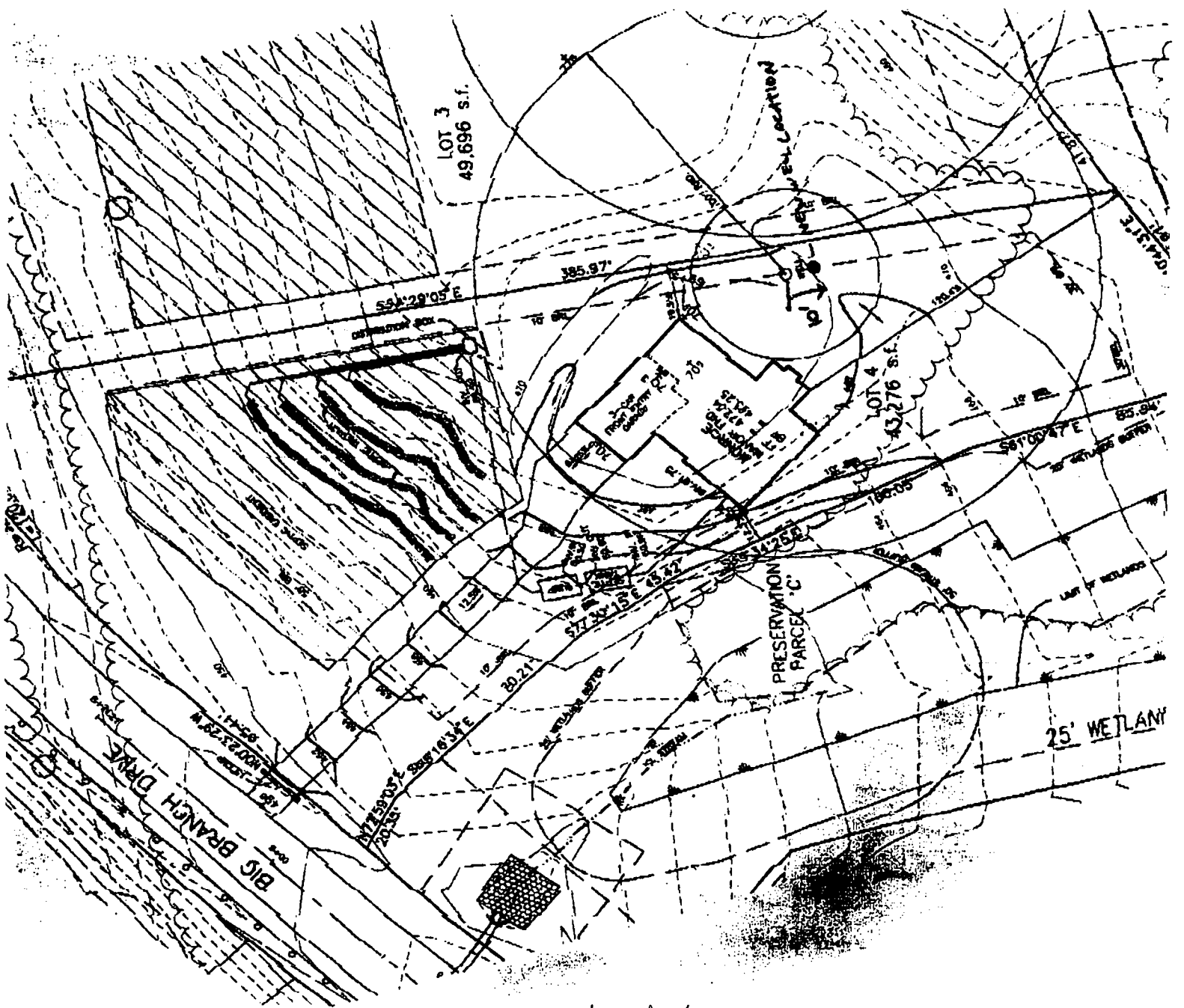
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
D THIS WELL WILL DEEPEAN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) HO-94-2673

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

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
APPROX. PERMIT NUMBER 54 GAP 63
PERMIT No. HO-94-2943

SPECIAL CONDITIONS TWO WELLS (HO-94-1766, HO-94-2673) MUST BE ABANDONED

DENV-Permit 97 MUST PERFORM STANDARD YIELD TEST FOR NEW WELL



1/20/01
 repl. well site or
 as staked. (DKC)

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648**

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Fogles Well Drilling Telephone #: 410-795-5670
Address: SRB Branch rd.
Sykesville Md 21784

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Allen Comas License# MSD009
*A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.

Name of Property Owner: Toll Brothers Telephone #: _____
Subdivision: Fridley Ridge Lot #: 4 Well Tag #: HO-94-30e7
Site Address: 14017 Big Branch Drive Big Branch

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Goalbs</u>	Make: <u>Campbell</u>	Two piece watertight cap: <u>Yes</u>
Model #: <u>337447920</u>	Model#: _____	Screened, vented well cap: <u>Yes</u>
Pump Capacity <u>7.5</u> GPM	Depth: <u>42'</u> (36" min)	Cap secured to casing: <u>Yes</u>
Well Yield: <u>1</u> GPM	NSF/WSC approved: <u>Yes</u>	Conduit min 18" B.G.: <u>Yes</u>
Depth of well encountered at time of pump installation: <u>430</u> feet		Conduit secured to well cap: <u>Yes</u>
If pump capacity exceeds well yield, a low water out off switch is required by NSPC 1990 Section 17.8.4		
Torque arrestors, Cable guards, or other acceptable method used- Must circle one		
Safety rope, if used, attached to brass rope adapter or other acceptable method <u>inside of well casing NO</u>		

<u>Piping to house</u>	<u>House Connection</u>
Type: <u>Black plastic</u>	PVC sleeve to undisturbed soil at wall penetration: <u>Yes</u>
PSI: <u>110</u> (160 psi min)	Approximate length of sleeve: <u>5</u>
Depth of supply line: <u>42'</u> (36" min)	Sleeve caulked and sealed properly: <u>Yes</u>

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: [Signature] date: 4-30-01

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 4/12/01 Date Insp. Approved: 4/13/01 Inspector: (MR) SRU

Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade	<input checked="" type="checkbox"/>
Two piece cap installed and attached to casing securely	<input checked="" type="checkbox"/>
Elec. conduit extends at least 18" below grade/attached to cap properly	<input checked="" type="checkbox"/>
Safety rope not seen outside of well cap/casing	<input checked="" type="checkbox"/>
Correct well tag attached properly and casing 8" above finished grade	<input checked="" type="checkbox"/>
Water supply line sleeved adequately at house connection	<input checked="" type="checkbox"/>
Adequate grout observed below pitless adapter	<input checked="" type="checkbox"/>

C1 0708 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. COUNTY NUMBER 56564-D 5/9/01

STYCO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 4 6 01 Depth of Well 500 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-30067

OWNER Toll Brothers STREET OR RFD 14017 Big Branch Drive TOWN Dayton SUBDIVISION Big Branch Drive SECTION LOT 4

WELL LOG Not required for driven wells

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include Brown slate, Gray slate, White, Gray slate, White, Gray slate, Cement, Cement, Cement.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box)

TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 11 NO. OF POUNDS 1034 GALLONS OF WATER 66 DEPTH OF GROUT SEAL (to nearest foot) from 0 TOP 52 ft. to 31 BOTTOM 58 ft.

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

MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch!) 06 Total depth of main casing (nearest foot) 40

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

SCREEN RECORD screen type or open hole (ST STEEL, BR BRASS, HO OPEN HOLE, PL PLASTIC, OT OTHER)

NUMBER OF UNSUCCESSFUL WELLS: 3

WELL HYDROFRACTURED Y 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...

DRILLERS LIC. NO. MSD 009 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. M D

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

DEPTH (nearest ft.) HO 31 500

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

PUMPING TEST

HOURS PUMPED (nearest hour) 07 PUMPING RATE (gal. per min.) 1 METHOD USED TO MEASURE PUMPING RATE 5 gal WATER LEVEL (distance from land surface) BEFORE PUMPING 5 ft WHEN PUMPING 136 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 INSTALLED 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, (-) below LAND SURFACE 01 (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)

NO Survey stakes

C1 0409

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. COUNTY NUMBER 56564-D 5/9/01

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

DATE RECEIVED

DATE WELL COMPLETED 4 26 01

DEPTH OF WELL 500 (TO NEAREST FOOT)

PERMIT NO. FROM PERMIT TO DRILL WELL HO-94-3067

OWNER Toll Brothers STREET OR RFD 14617 Big Branch Drive TOWN Dayton SUBDIVISION Big Branch Drive SECTION LOT 4

WELL LOG table with columns for DESCRIPTION, FEET (FROM, TO), and check if water bearing. Includes handwritten 'Well Repair'.

GROUTING RECORD form with fields for CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD form with fields for MAIN CASING TYPE (PL), Nominal diameter, Total depth, OTHER CASING.

SCREEN RECORD form with fields for screen type (PL), screen type or open hole, diameter of screen.

WELL HYDROFRACTURED form with Y/N selection.

Legend for well status: A (abandoned), E (electric log), P (production well).

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04...

DRILLERS LIC. NO. MSD 009, Allen Compton, DRILLERS SIGNATURE, LIC. NO. M D

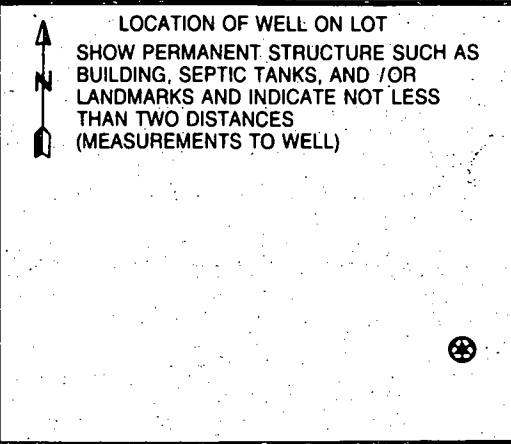
DEPTH (nearest ft.) table with rows for casing height and slot size.

GRAVEL PACK and MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) form.

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

PUMPING TEST form with fields for HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, TYPE OF PUMP USED.

PUMP INSTALLED form with fields for DRILLER INSTALLED PUMP, TYPE OF PUMP INSTALLED, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.



5/9/01

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3067
Location of property (road) 14017 Big Branch Drive
Subdivision Big Branch Lot 4 Block Plat Sec.
Well Driller Fogle's Well Drilling Owner Tall Brothers

Depth of well 500'
Distance of measuring point (M.P.) above ground 1'
Static water level (S.W.L.) below M.P. 5

I. High rate pumping -- reservoir drawdown

Time pump started 9:00 Pumping rate 15
Total time 30 MIN to reach pumping water level 136 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:00	5	20		15
9:15	83	20		15
9:30	136	5:00		1
9:45	136	5:00		1
10:00	136	5:00		1
10:15	136	5:00		1
10:30	136	5:00		1
10:45	136	5:00		1
11:00	136	5:00		1
11:15	136	5:00		1
11:30	136	5:00		1
11:45	136	5:00		1
12:00	136	5:00		1
12:15	136	5:00		1
12:30	136	5:00		1
12:45	136	5:00		1
1:00	136	5:00		1
1:15	136	5:00		1
1:30	136	5:00		1
1:45	136	5:00		1
2:00	136	5:00		1
2:15	136	5:00		1
2:30	136	5:00		1
2:45	136	5:00		1

B 13637 SEQUENCE NO. (MDE USE ONLY)
 W515033 STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER
 HO-94-3067
 fill in this form completely

Date Received (APA) 04.04.01
 OWNER INFORMATION
 Big Branch Overlook LLC
 7164 Columbia Gate Way Suite 230
 Columbia MD 21046

B 3 LOCATION OF WELL
 Howard
 Big Branch
 SECTION 44 46 LOT 48 50
 DAYTON
 MILES FROM TOWN (enter 0 if in town) 2

DRILLER INFORMATION
 Allen Compton MSD 009
 Fogles Well Drilling
 580 Obrecht rd. Sykesville
 Allen Compton 4-4-01

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 14017 Big Branch Dr.
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 DISTANCE FROM ROAD 225 FT
 TAX MAP: BLK: PARCEL:

B 2 WELL INFORMATION
 APPROX. PUMPING RATE 5 GAL. PER MIN.
 AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, DEWATERING
 PUBLIC WATER SUPPLY WELL
 TEST, OBSERVATION, MONITORING
 GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER. HEALTH DEPARTMENT APPROVAL
 Howard 56564-D
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE INSERT S
 DATE ISSUED 04.04.01 Steven R. King 04.04.02
 NORTH GRID 515 000 EAST GRID 797 000

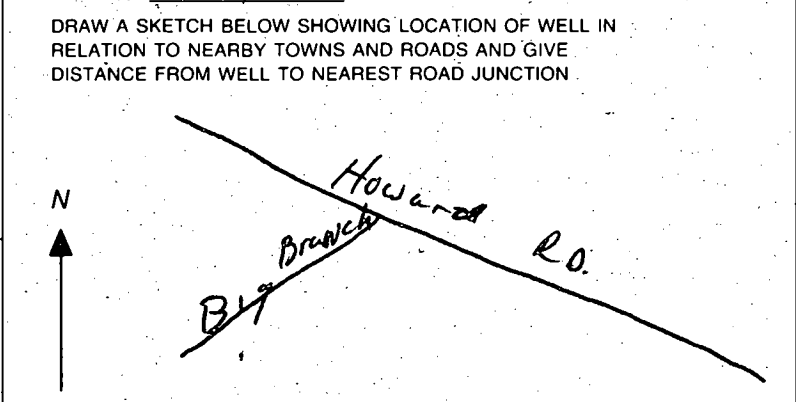
APPROXIMATE DEPTH OF WELL 300 FEET
 APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

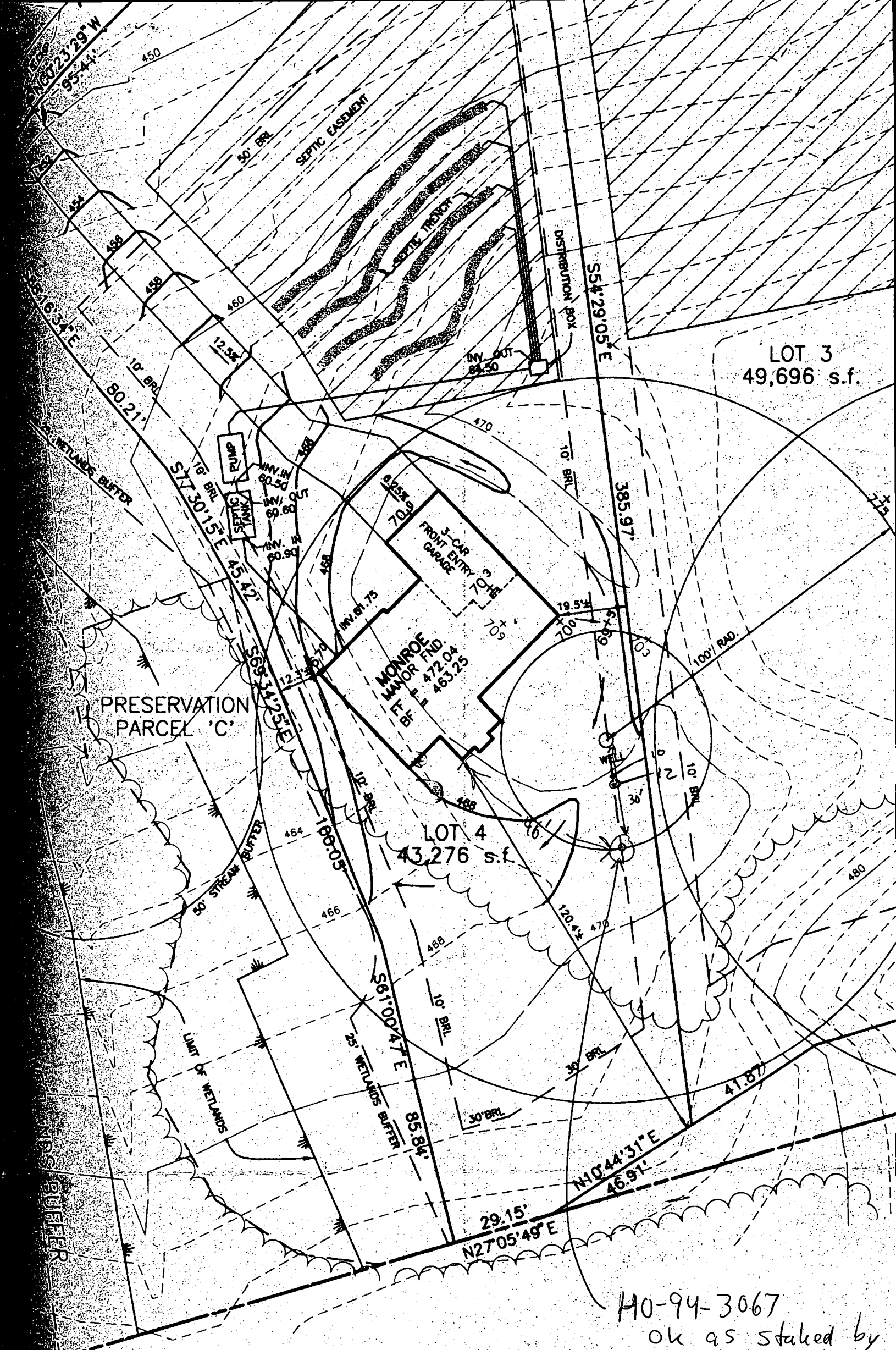
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E 797
 N 514.5
 4/6/01 Grout 10AM
 No insp
 - Insp. & Staffing demands shortages
 SRU

METHOD OF DRILLING (circle one)
 BORED (or Augered) AIR-ROTARY
 JETTED AIR-PERCussion
 Jetted & DRIVEN ROTARY (Hydraulic Rotary)
 DRIVE-POINT
 REVERSE-ROTARY

REPLACEMENT OR DEEPEINED WELLS OR for Fee (CIRCLE APPROPRIATE BOX)
 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 DEEPEIN AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) HO-94-2943

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
 APPROX. PERMIT NUMBER GAP
 PERMIT No. HO-94-3067





PLAN
 SCALE: 1" = 30'

HO-94-3067
 ok as staked by
 Toll Brothers

SRU

Belkacem Manseur
14017 Big Branch drive
Dayton, MD 21036
Work: 301-310-3004
Home: 443-635-9639

August 8, 2001

Amy McMillan
Howard County Health Dept.
Howard County, MD

Dear Amy:

Attached is a site plan with a proposed improvement that consists of an addition to the attached garage and an extension to the existing driveway. The issues as I understand them and for which I am requesting your approval are:

1. The corner of the proposed addition to the garage will be less than 20 feet away from the septic field. The attached drawing shows the addition as double shaded.
2. The addition to the driveway will be over the septic field, shown as a shaded area in the attached copy of the site plan.

The septic easement area can be extended as shown in the drawing to allow for the proposed improvements.

Please let me know what you think before I can proceed with the proposed improvements.

Yours truly,

Belkacem Manseur
Belkacem Manseur

Telephone conversation
w/ Mr. Manseur.

Proposed ~~improvements~~ improvements
unacceptable. Perhaps revised
plan may be able to be accommodated

(SRW)

BIG BRANCH DRIVE

N00°23'29" W
95.44'

N72°59'03" E
20.35'

S88°16'34" E
80.21'

S77°30'15" E
45.42'

PRESERVATION
PARCEL 'C'

25' WETLANDS BUFFER

30' WETLANDS BUFFER

S61°00'47" E
85.84'

N27°05'49" E
29.15'

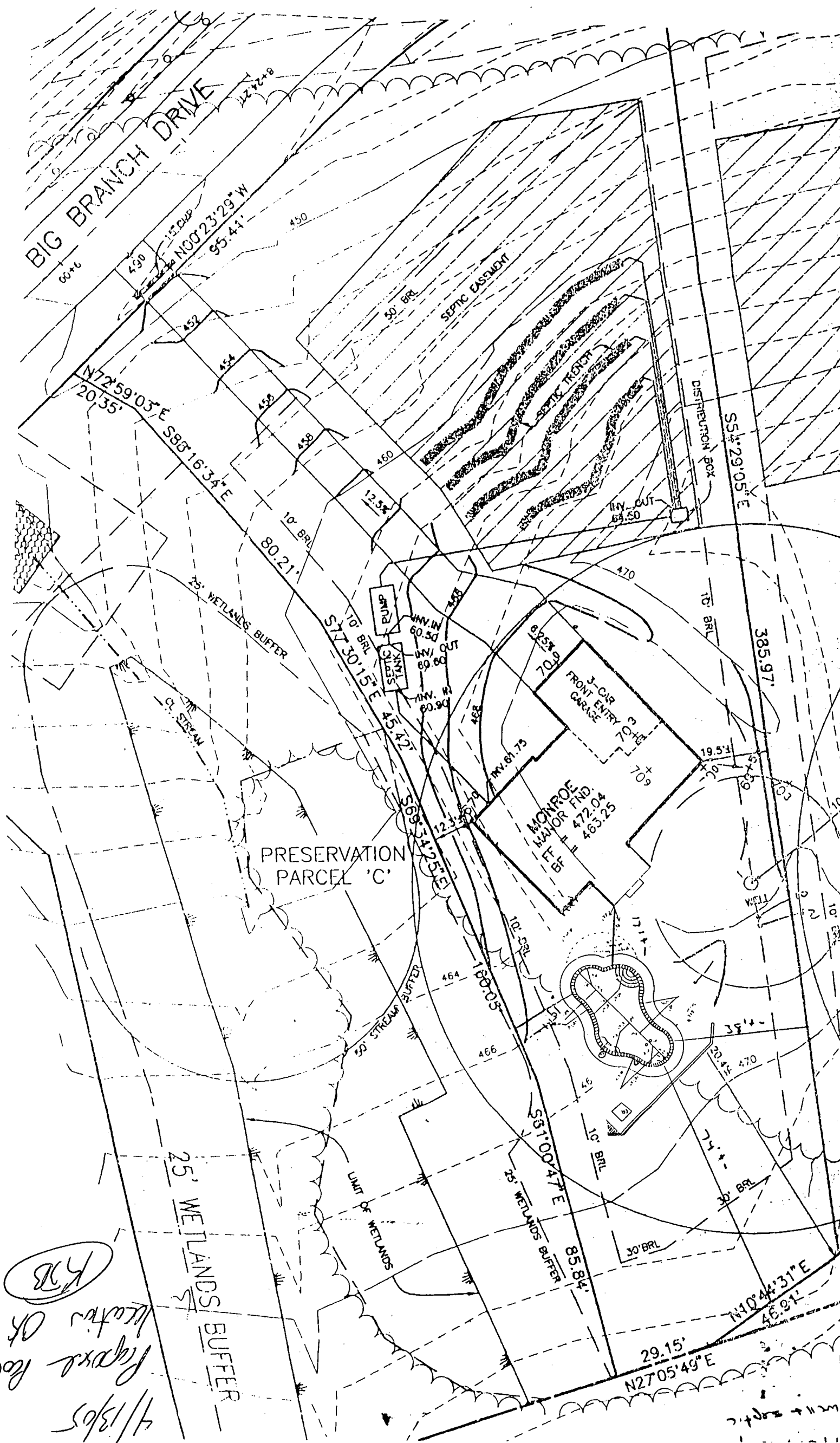
N10°44'31" E
46.81'

S54°29'05" E

385.97'



4/13/05
Parcel Rec
Water OK
KJB



1017 Big Branch RD
7.450x 4.112

25' WETLANDS BUFFER

APPROVED

WALKTHRU BUILDING PERMIT

PERMIT # 51470-B

DATE: 5/2/65

PROJECT: WALKTHRU BUILDING DECK

PREP: SAN

DESC. OF WORK: Deck

15' x 5'

PRESERVATION
PARCEL 'C'

MONROE FND.
MAJOR FND.
52.72 FT.
463.25

70.5

INV. 81.75

ACR

12.3

569.24.25.61

45.42

571.30.15.15

10' BRL

80.21

25' WETLANDS BUFFER

10' BRL

10' BRL

10' BRL

10' BRL

SEPTIC TANK

PUMP

MAN IN 60.50

MAN IN 60.50

MAN IN 60.50

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10' BRL

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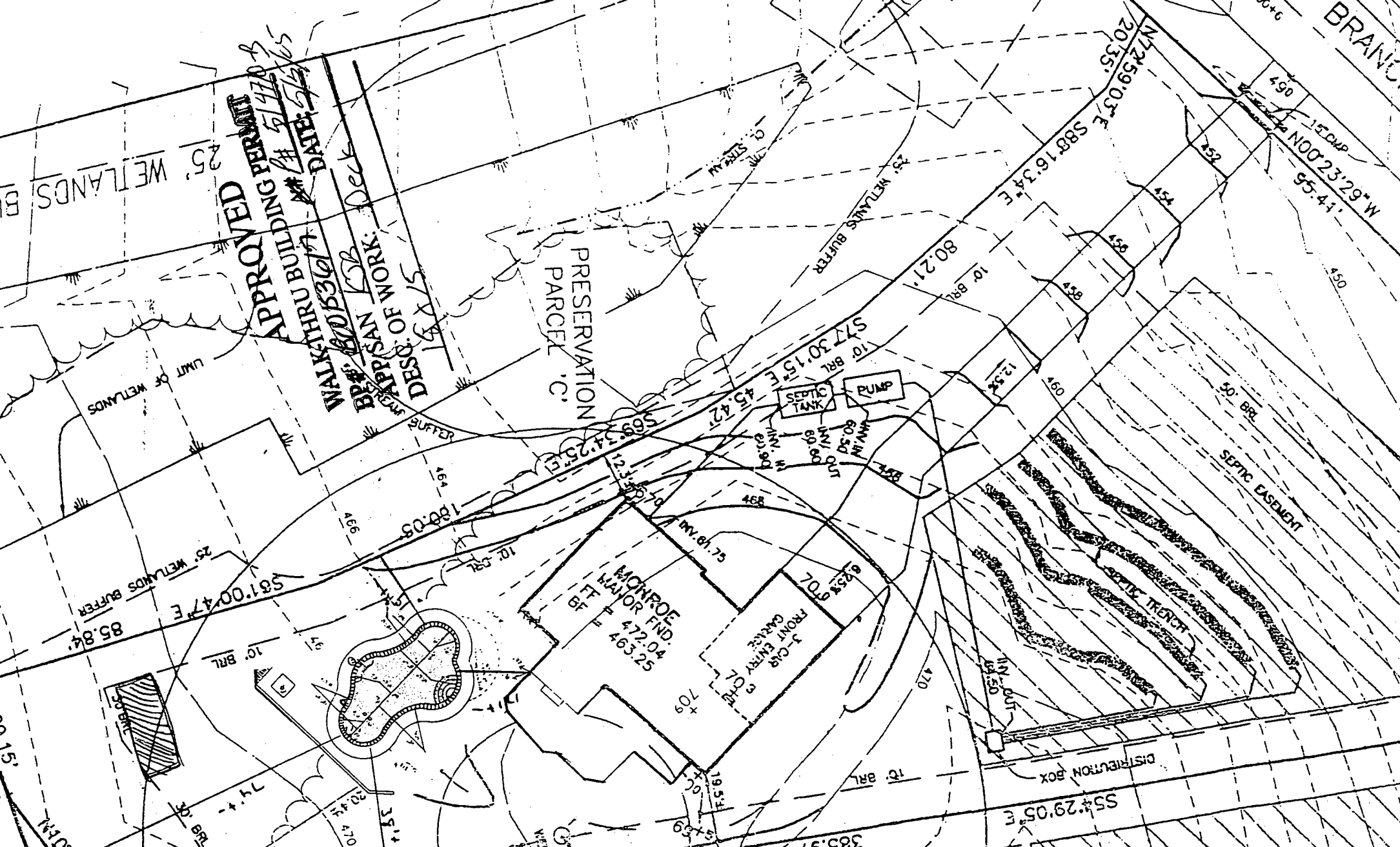
10' BRL

10' BRL

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10' BRL



BIG BRANCH DRIVE

N 69°23'25\" W
95.41'

N27°05'49\" E
29.15'

N10°41'31\" E
46.91'

S81°00'47\" E
85.84'

LIMIT OF WETLANDS

25' WETLANDS BUFFER

10' BRL

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