

LAYOUT 3/12/03-12:30 INSP 4 _____
 INSP 2 3/14/03 - 3PM INSP 5 _____
 INSP 3 7/8/03 10AM INSP 6 _____

ISSUE DATE: 1/27/2003

P 518521

APPROVAL DATE: 7/8/03

A 56600-F

**PERMIT
INDEXED**

**ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH**

05-432685

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ALTER

ADDRESS: 580 Obrecht Road PHONE NUMBER: 410-795-5670

SUBDIVISION: High Forest Estates LOT NUMBER: 6

ADDRESS: 15013 Oak Ridge Court PROPERTY OWNER: Big Branch Overlook, LLC

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 240 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box as shown on approved site plan. Run trenches on contour.
NOTES:	Basement service by gravity is not proposed.

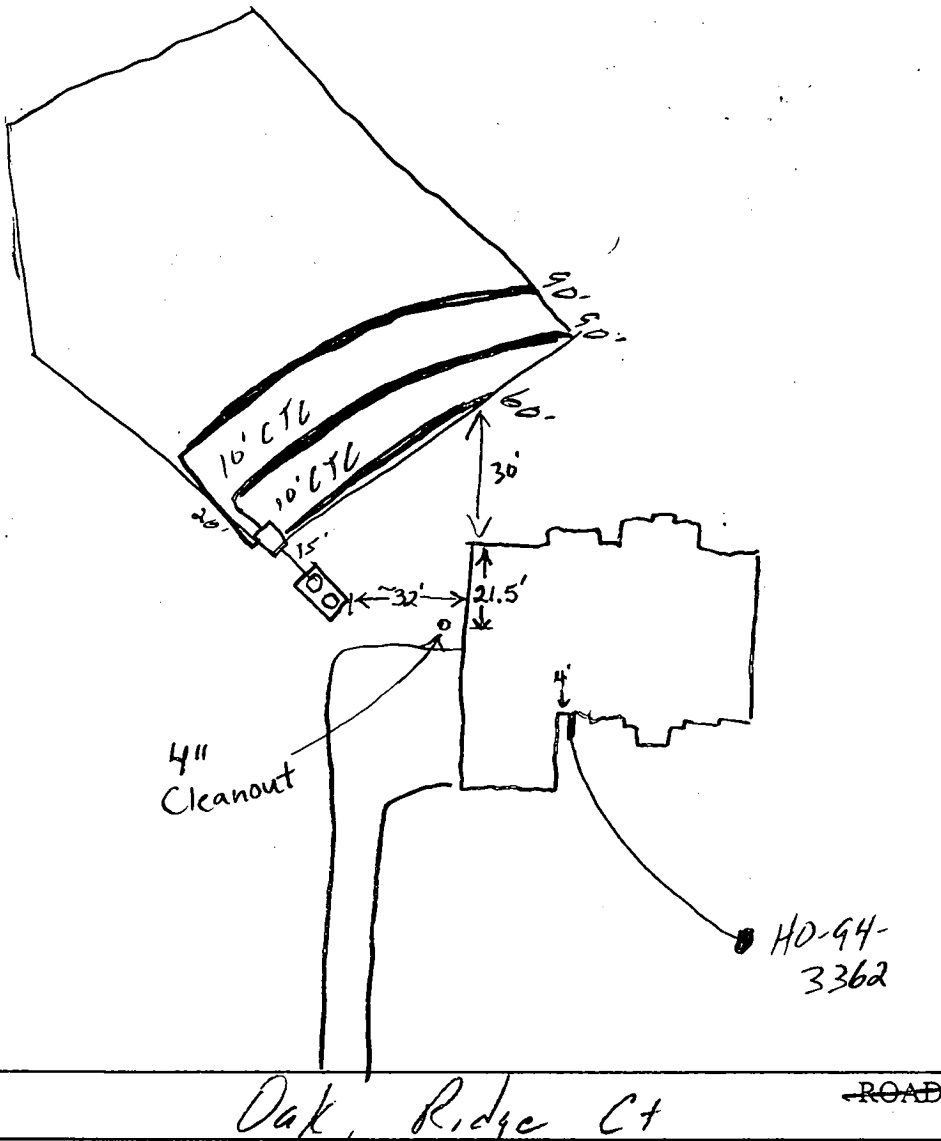
PLANS APPROVED: Steven R. Krieg DATE: 9/30/2002

NOTES: PERMIT VOID AFTER 2 YEARS
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
 WATERTIGHT SEPTIC TANKS REQUIRED
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS 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
 ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

A52600-F

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	5'
NUMBER OF TRENCHES		3
TOTAL LENGTH		240'
ABSORPTION AREA		720 sq
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input checked="" type="checkbox"/>

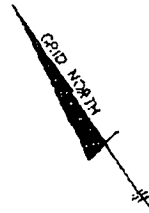
SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	Two
6" PORT LOC	—
WATERTIGHT TEST	—
SEPTIC TANK 2 LEVEL	—
CAPACITY	— GAL
SEAM LOC	—
TANK LID DEPTH	—
BAFFLES	—
BAFFLE FILTER	—
MANHOLE LOC	—
6" PORT LOC	—
WATERTIGHT TEST	—

PRE-CONSTRUCTION 3/12/03 SBA Stated, Contour does not drop off on right side as much as topo shows. Install 70' / 80' / 90' trenches on contour (SD)

INSTALLATION 3/14/03 Trench lengths changed to fit contour. OK to cover all work completed. House conn & line to ST need to be installed (SD)

7/8/03 Loop like house connection has been made (BB)

FINAL INSPECTOR B Baber DATE OF APPROVAL 7/8/03



OAK RIDGE COURT (40' R/W)

1/27/03
House consistent
with approved
B.P. plan.
BB

LOT

L=106.08'
R=675.00

N 53°40'42" W
65.17'

15' 276.64'

51'±

50' BRL

SEE
DETAIL

LOT 6

LOT 5

N 37°19'59" E
10' BRL
10' BRL
10' BRL

10' BRL
245.89'

N 27°19'04" E

FOREST
CONSERVATION
EASEMENT

216.27'

S 64°47'13" E

PRESERVATION PARCEL 'A'
BUILDABLE

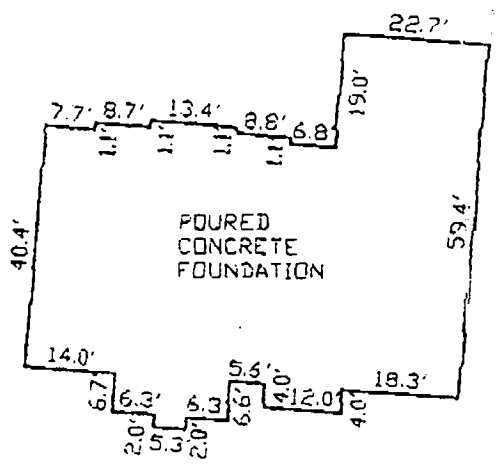
High Forest Lot 6
15013 Oak Ridge Ct.

TOP OF FOUNDATION WALL ELEVATION = 478.8'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

SURVEYOR'S CERTIFICATE


I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 11/18/02; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY R.M. MOCHI GROUP, P.C., INC. ENTITLED "HIGH FOREST ESTATES LOTS 1 THROUGH 50", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No. 13960

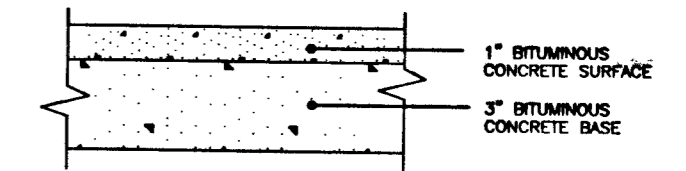
David M. Lavin
Benchmark



FOUNDATION DETAIL

NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 13960. REFER TO THIS PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
2.  THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
3. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER GP-01-176.
4. EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.
5. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
6. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

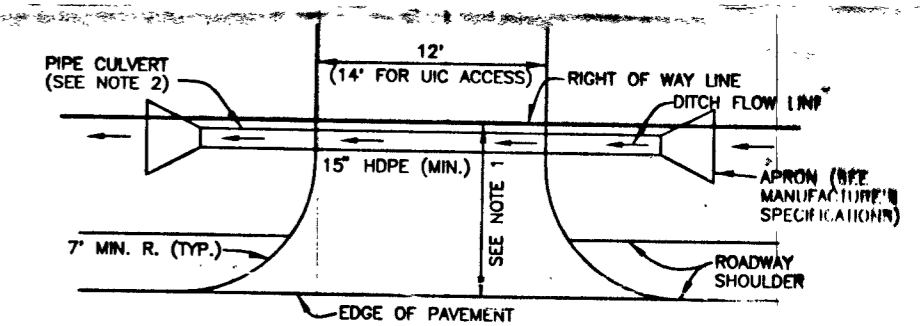


FULL DEPTH BIT. CONC. ALTERNATIVE

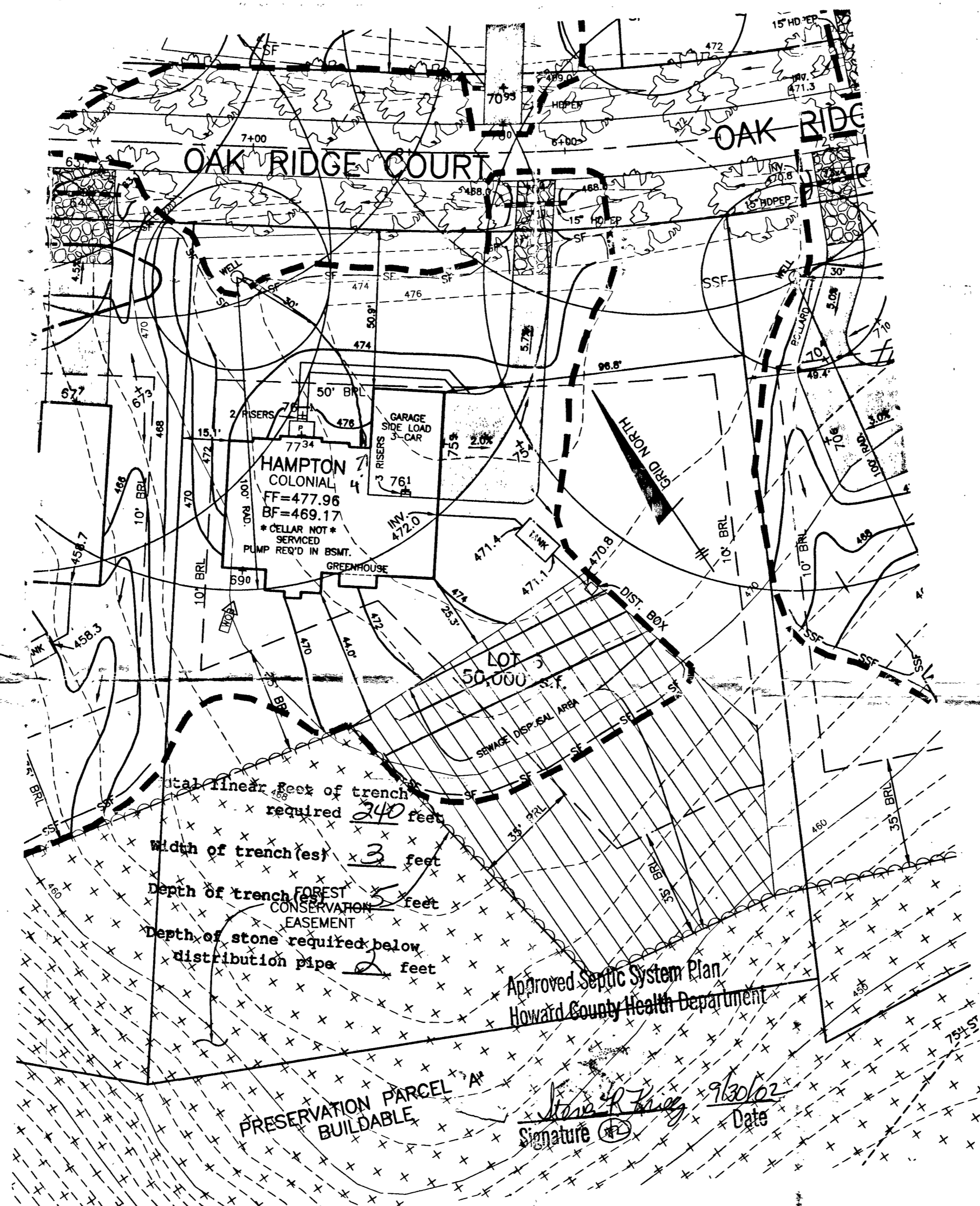
P-1 PAVING DETAIL
NOT TO SCALE

DRIVEWAY CULVERT NOTES:

1. DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT-OF-WAY USING STANDARD PAVING SECTION P-1 AS SHOWN ON HO.CO.STD. R-2.01 OR AN ALTERNATE SECTION EQUAL TO OR BETTER THAN P-1, AS APPROVED BY D.P.W.
2. DRAINAGE CULVERT SHALL BE SIZED FOR A 10 YEAR FREQUENCY STORM.
3. ALL DRIVEWAY CULVERT PIPES ARE TO BE 15" HDPE OR GREATER TO PREVENT BLOCKING. HDPE APRONS ARE TO BE INSTALLED AT EACH END OF THE CULVERT AND SIZED PER MANUFACTURER'S SPECIFICATIONS. IF A LARGER PIPE IS REQUIRED THE DITCH INVERT CAN BE LOWERED TO PROVIDE A MINIMUM DITCH GRADIENT OF 0.5% AND THE CLEARANCE SHOWN.
4. SWALE FLOW MAY BE PROVIDED OVER DRIVEWAY IF LOCATED AT OR NEAR THE CROWN OF A VERTICAL CURVE ON THE PUBLIC ROAD WHERE QUANTITY OF FLOW IS SMALL AS APPROVED BY D.P.W.
5. TIE-IN GRADE OF DRIVEWAY SHALL NOT EXCEED 14%.
6. SEE HOWARD COUNTY STANDARD DETAIL R-6.06 FOR ADDITIONAL INFORMATION



DRIVEWAY CULVERT
NOT TO SCALE


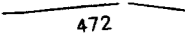


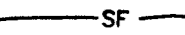
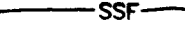
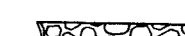
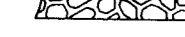

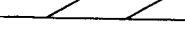




total linear feet of trench required **240** feet
 width of trench(es) **3** feet
 depth of trench **2** feet
 depth of stone required below distribution pipe **2** feet

Approved Septic System Plan
 Howard County Health Department

Handwritten Signature
 Date **9/30/02**

LEGEND

-  EXISTING CONTOURS AS SHOWN ON F-98-167
-  PROPOSED CONTOURS
-  EXISTING TREELINE
-  PROPOSED TREELINE
-  SILT FENCE
-  SUPER SILT FENCE
-  EARTH DIKE
-  STABILIZED CONSTRUCTION ENTRANCE
-  LIMIT OF DISTURBANCE
-  SEPTIC EASEMENT
-  WELL LOCATION
-  STREET TREE INSTALLED UNDER F-98-167

PLAN

SCALE: 1" = 30'

Handwritten notes:
 atc
 ob
 oc
 os
 oe

<p align="center">BENCHMARK ENGINEERS • LAND SURVEYORS • PLANNERS ENGINEERING, INC. 8480 BALTIMORE NATIONAL PIKE • SUITE 418 ELLICOTT CITY, MARYLAND 21043 PHONE: 410-485-6105 FAX: 410-485-6644</p>		<p>PROJECT: HIGH FOREST ESTATES LOT 6</p>	
<p>BUILDER: TOLL BROTHERS, INC. 7164 COLUMBIA GATEWAY DRIVE SUITE 230 COLUMBIA, MARYLAND 21046 410-872-9105</p>		<p>LOCATION: 15013 OAK RIDGE COURT TAX MAP 27, GRID 6 - PARCEL 140,141,142 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND</p>	
<p>TITLE: PLOT PLAN</p>		<p>HOUSE TYPE: HAMPTON (colonial)</p>	
DATE: JULY 31, 2002	PROJECT NO. 1362	SCALE: AS SHOWN	DRAWING 1 OF 1

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)513-2640 FAX: (410)513-2648

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 (MED Well Construction Regulations). Submission of a complete form is required prior to use and Company approval.

Company Name: Eagle Well Drilling Telephone #: 410-795-5670
Address: 338 Abrecht Rd
Sylvestre 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 Compton License #: MSD 009

*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: Tall Brothers Telephone #:
Subdivision: High Forest Estates Lot # 6 Well Tag # HO 94-3362
Site Address: 15813 Oak Ridge Ct

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Goulds Make: Cambell Two piece watertight cap: yes
Model #: 75 B07422 Model #: N/A Screened, vented well cap: yes
Pump Capacity: 7 GPM Depth: 42 (36" min) Cap secured to casing: yes
Well Yield: 2.0 GPM NSF/WSC approved: yes Conduit min 18" B.G.: yes
Depth of well encountered at time of pump installation: 300 (feet) Conduit secured to well cap: yes
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1999 Section 17.3.4
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 inside of well casing: N/A

Piping to house House Connection
Type: 1" Black Plastic PVC sleeve to undisturbed soil at wall penetration: yes
PSI: 160 (160 psi min) Approximate length of sleeve: 5
Depth of supply line: 42 (36" min) Sleeve caulked and sealed properly: yes

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.

Allen Compton 2-27-02
Signature of company representative responsible for installation date

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

Date Insp. Requested: 2/14/03 Date Insp. Approved: 2/14/03 Inspector: (50)SRK
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade ✓
Two piece cap installed and attached to casing securely ✓
Elec. conduit extends at least 18" below grade/attached to cap properly ✓
Safety rope not seen outside of well cap/casing ✓
Correct well tag attached properly and casing 8" above finished grade ✓
Water supply line sleeved adequately at house connection ✓
Adequate grout observed below pitless adapter ✓

C1 14449 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 13 A56600-F

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

ST/CO USE ONLY DATE RECEIVED MM DO YY

DATE WELL COMPLETED 8 17 02

Depth of Well 300 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3362

OWNER TOLL Brothers OAK RIDGE Ct. TOLL Brothers GLENELG SUBDIVISION HIGH FOREST ESTATES SECTION LOT 6

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 Brown shale, Limestone, White, Limestone, White, Limestone.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC

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) 63

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

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

NUMBER OF UNSUCCESSFUL WELLS: 0

C2 DEPTH (nearest ft.): 110 63 300

WELL HYDROFRACTURED YES NO

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...

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

Table with columns: E, A, C, H, S, C, R, E, E, N. Rows for casing depth measurements.

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

C3 PUMPING TEST

HOURS PUMPED (nearest hour) 03 PUMPING RATE (gal. per min.) 20. METHOD USED TO MEASURE PUMPING RATE 190L WATER LEVEL (distance from land surface) BEFORE PUMPING 57 ft. WHEN PUMPING 65 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 INSTALLED 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 below LAND SURFACE 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)

See Plot

B 1 9776

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-3362 fill in this form completely

Date Received (APA)

03/01/02

OWNER INFORMATION

Toll Brothers 14203 Howard RD Dayton Md 21036

B 3 LOCATION OF WELL

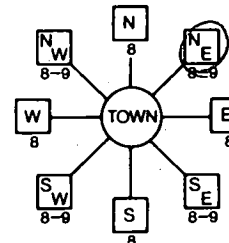
Howard High Forest Estates Glenclg

MILES FROM TOWN (enter 0 if in town) 4

DRILLER INFORMATION

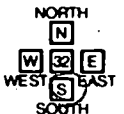
Allen Compton M SD 009 Eagles Well Drilling 580 Obrecht RD

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Oak Ridge Ct

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 20 FT

TAX MAP: 27 BLK: 11 PARCEL 147

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 (circled) 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 A 56600-F COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 03/13/02 Kacie Goodking 03/13/03 CO SIGNATURE EXP/DATE NORTH GRID 511 000 EAST GRID 0795 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) AIR-ROTary (circled) JETTED AIR-PERCussion ROTARY (Hydraulic Rotary) Drive-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL (circled) 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

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

APPROX. PERMIT NUMBER

PERMIT No. HO-94-3362

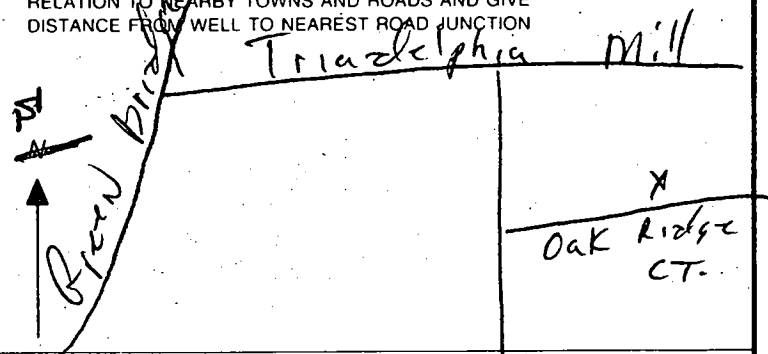
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE

E 795 N 511

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



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

OAK RIDGE COURT

EX. STOCKPILE AREA
F-98-167

15013 OAK RIDGE LOT.

BOX C
LOT 7
50,000 s.f.
FF=469.98
BF=460.17

BOX B
LOT 6
50,000 s.f.
FF=479.98
BF=470.17

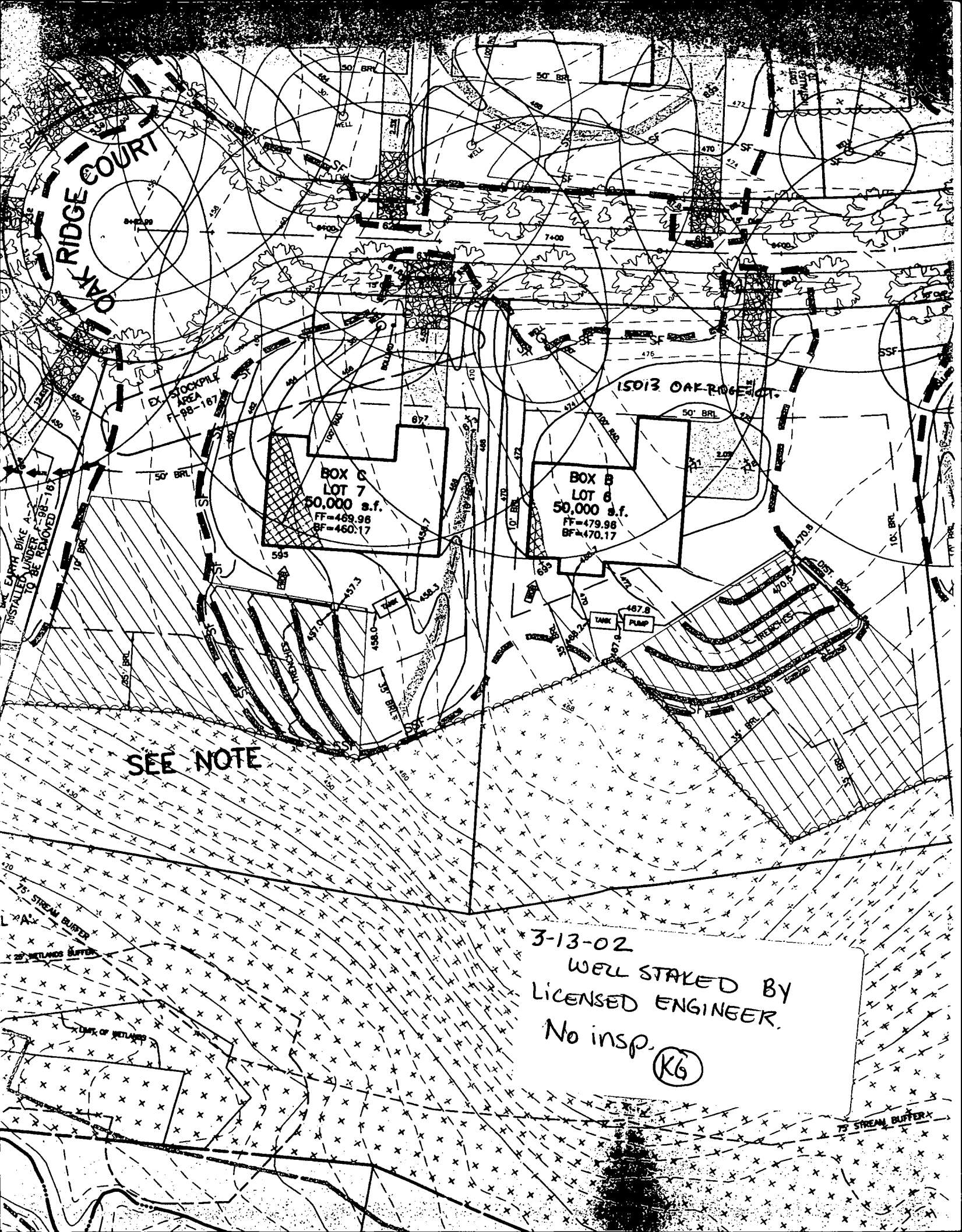
SEE NOTE

3-13-02
WELL STAKED BY
LICENSED ENGINEER.
No insp. (K6)

THE EARTH BIKE AS
INSTALLED UNDER F-98-167
TO BE REMOVED

75' STREAM BUFFER
20' WETLANDS BUFFER

75' STREAM BUFFER



B 1 09717

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

40-94-2746

W513688 please print or type

fill in this form completely

Date Received (APA)

07 14 00

OWNER INFORMATION

8 MM DD YY 13

Karfonta

Owner

Chuck

First Name

10 Mellor Ave.

Street or RFD

Catonsville

State

21228

57 Town 70 State 72 Zip 76

DRILLER INFORMATION

Joseph P. Mayne

Joseph P. Mayne

5512 Ridge Rd Mt. Airy 21741

Joseph P. Mayne 7/13/01

Signature Date

B 3

LOCATION OF WELL

8 COUNTY

Howard

High Forest Estates

SECTION 1

LOT 6

NEAREST TOWN

Dayton

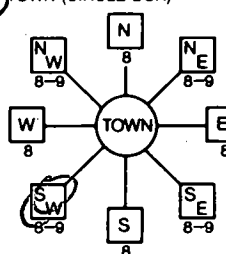
MILES FROM TOWN

44 46 48 50

73 76 77 78

B 4

DIRECTION OF WELL FROM TOWN



Dak Ridge Ct.

ON WHICH SIDE OF ROAD

(CIRCLE APPROPRIATE BOX)



25

DISTANCE FROM ROAD

ENTER FT OR MI

TAX MAP: BLK: PARCEL

B 2

WELL INFORMATION

APPROX. PUMPING RATE

(GAL. PER MIN)

5

AVERAGE DAILY QUANTITY NEEDED

(GAL. PER DAY)

500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

F FARMING LIVESOCK 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

07 20 00

Craig Wilton 7/19/01

43 MM DD YY 48

CO SIGNATURE

EXP. DATE

NORTH GRID

50

510 000

55

EAST GRID

57

790 000

63

APPROXIMATE DEPTH OF WELL

300

FEET

APPROXIMATE DIAMETER OF WELL

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)

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)

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

APPROP. PERMIT NUMBER

54

GAP

63

PERMIT No.

40-94-2746

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. well

2.

3.

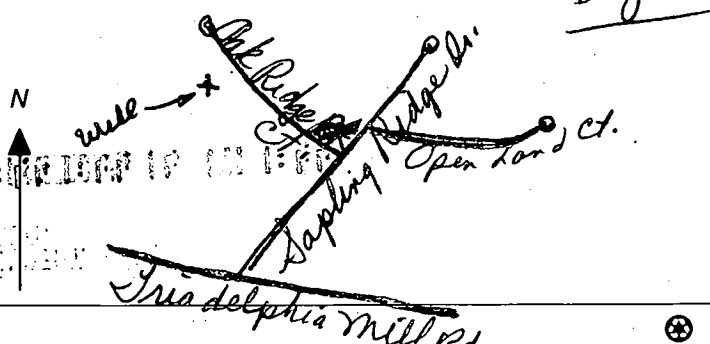
WRITE THE BOX NUMBER FROM THE MAP HERE

E 790

000 000

N 510

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



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

B 1 09717

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-2746

4513687 please print or type

fill in this form completely

Date Received (APA)

07 14 00

OWNER INFORMATION

Owner: Kankonta, Chuck; Street: 10 Mellon Ave.; Town: Patonville; State: MD; Zip: 21228

B 3

LOCATION OF WELL

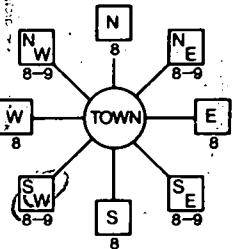
County: Howard; Subdivision: High Forest Estates; Section: 44-46; Lot: 6; Nearest Town: Dayton; Miles from town: 4 1/2

DRILLER INFORMATION

Driller's Name: Joseph E. Mayne; License No.: MSD 024; Firm Name: Joseph E. Mayne Well Drilling; Address: 5514 Ridge Rd Mt. Airy 21771; Signature: Joseph E. Mayne; Date: 7/19/01

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Near what road: Oak Ridge Dr. Ct.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



Distance from road: 25; Enter ft or mi: 38 39

B 2

WELL INFORMATION

Approx. Pumping Rate: 5; Average Daily Quantity Needed: 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Domestic Potable Supply & Residential Irrigation (D)
Farming (Livestock Watering & Agricultural Irrigation) (F)
Industrial, Commercial, Dewatering (I)
Public Water Supply Well (P)
Test, Observation, Monitoring (T)
Geo-Thermal (G)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

County Name: Howard; County No.: 13; State Signature: [Signature]; Date Issued: 07 20 00; Co Signature: [Signature]; North Grid: 510 000; East Grid: 790 000

Approximate Depth of Well: 300 FEET

Approximate Diameter of Well: 6 INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) AIR-ROTary; JETTED AIR-PERCussion; Jetted & DRIVEN ROTARY (Hydraulic Rotary); DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- This well will not replace an existing well (N)
This well will replace a well that will be abandoned and sealed (Y)
This well will replace a well that will be used as a standby-contact local approving authority for policy on standby wells (S)
This well will deepen an existing well (D)

Permit number of well to be replaced or deepened: 41

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

Approp. Permit Number: 54; Permit No.: HO-94-2746

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

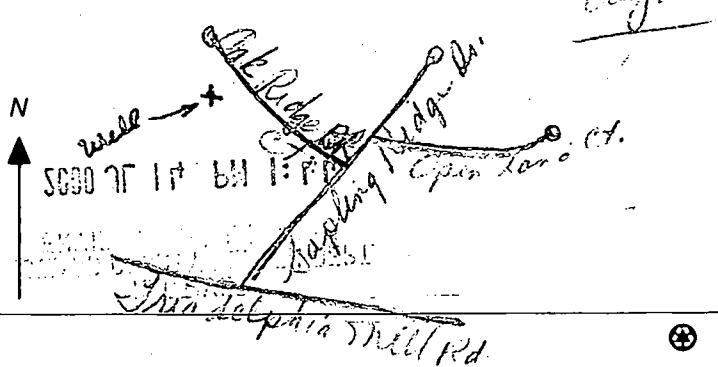
SOURCES OF DRILLING WATER

- 1. WELL
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 790; N 510

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



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

APPLICATION

PERCOLATION TESTING

A _____

P _____

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

DISTRICT _____

DATE _____

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 CHARLES A. SHARP

ADDRESS 3779 SHARP ROAD PHONE 410-989-4630

PROPERTY LOCATION:

BDIVISION C. M. C. CONSTRUCTION PROPERTY LOT NO. 31

ROAD AND DESCRIPTION HOWARD ROAD 3,000'± FROM INTERSECTION
TRIDELPHIA ROAD (SOUTH)

TAX MAP 27 PARCEL # 19

SIZE OF LOT 40,000 - 50,000 SQ. FT. 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. Charles 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 _____

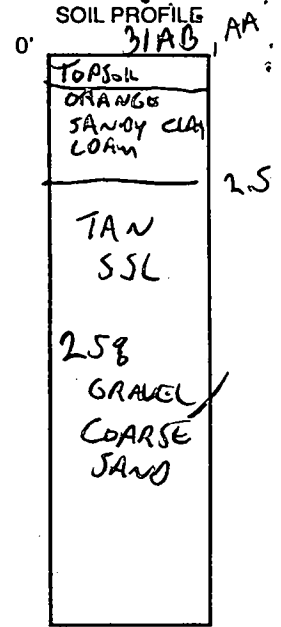
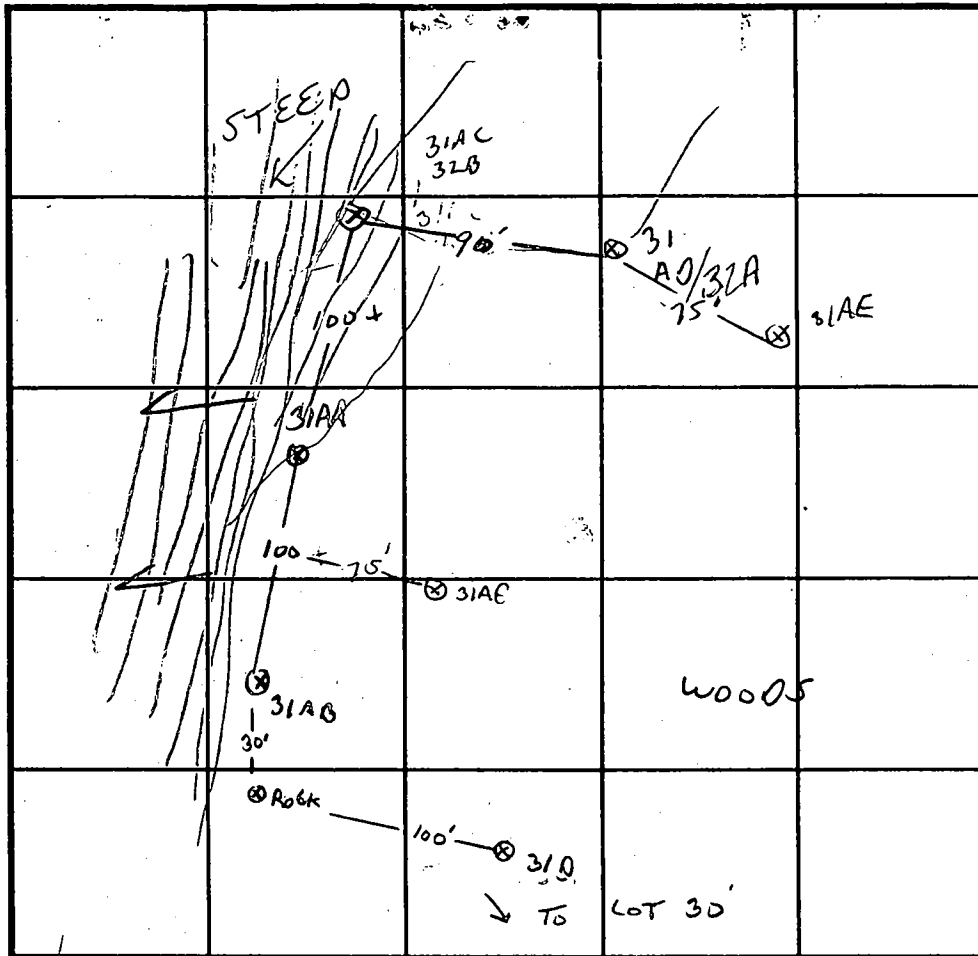
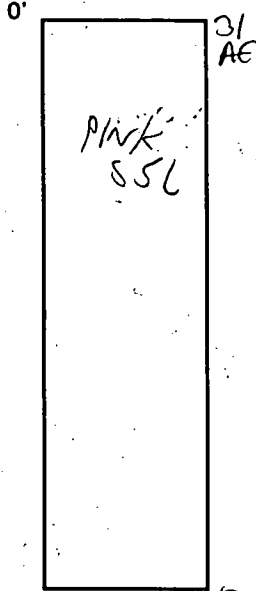
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

A57577

COUNTY #

SOIL PROFILE



AA+AD NO ROCK
N

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

3/18/97 / 31AE 3.5 / 11V 2:26 2:29 2:29 2:35 6MW

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/25/96	31AB	3 / 12V	2:40	2:42	2:42	2:46	4MW
	31AB	8'	11:47	11:49	11:49	11:53	4MW
	31AA	3 / 12V	2:48	2:51	2:51	2:56	5MW
		8 VOLTS					
	31AD	3.5 / 12V	2:58	2:59	2:59	3:02	3MW
		8 VOLTS					
	31AC / 32B	3 / 12V	3:05	3:08	3:08	3:10	2MW
		7	3:25	3:08	3:08	3:13	5MW
	ROCK	HOLE NOT TESTED					
3/18/97	31AE	3.5 / 12V	12:21	12:22	12:22	12:25	3MW

REMARKS LOT 31 NOT PER PLAN, S.E. PORTION OF PROPERTY

TYPE OF SOIL ALSO NEED WPP'S TO BE REWORKED

TESTED BY G. SAUVAGE ALSO PRESENT C. SHARO, A. DEMITT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

X

APPLICATION

PERCOLATION TESTING

A 57577

P _____

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

DISTRICT _____

DATE _____

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 CHARLES A. SHARP

ADDRESS 3779 SHARP ROAD PHONE 410-489-4630

PROPERTY LOCATION:

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

ROAD AND DESCRIPTION HOWARD ROAD 3,000 ± FROM INTERSECTION OF TRIADELPHIA ROAD (SOUTH)

TAX MAP 27 PARCEL # 19

SIZE OF LOT 40,000 - 50,000 SQ. FT. 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.

(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 _____

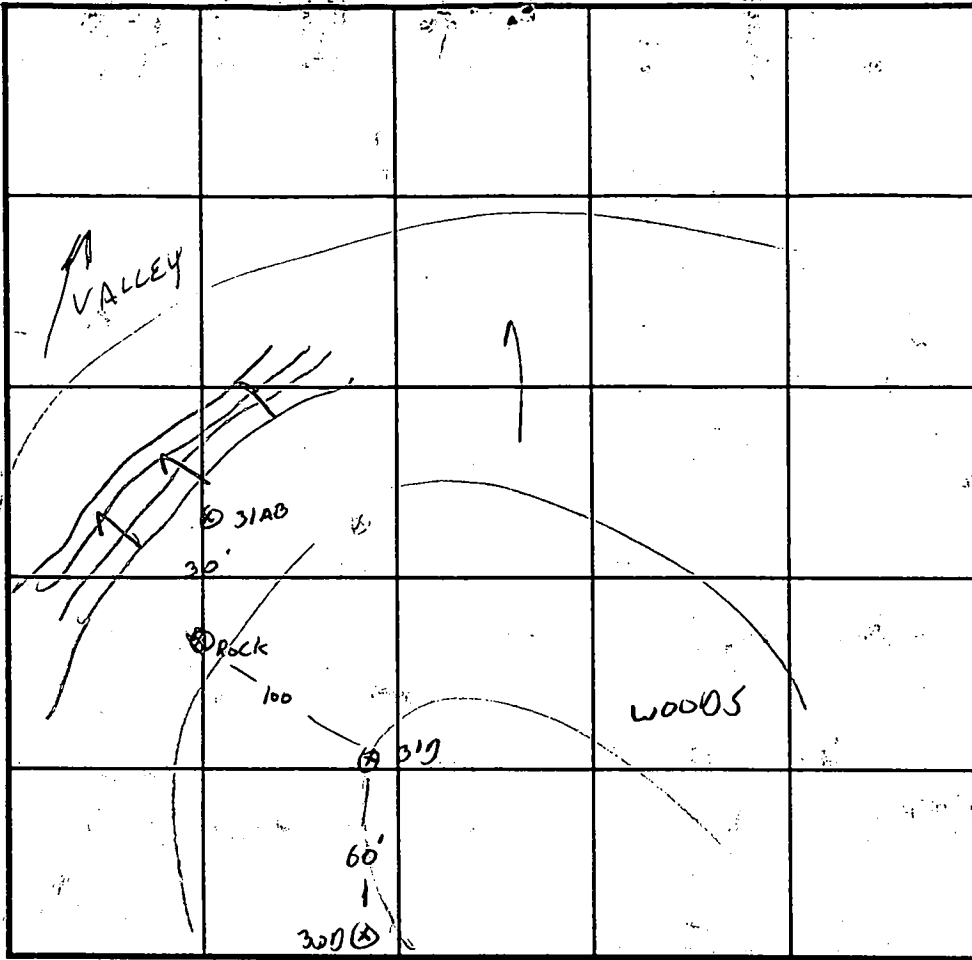
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

A57577
COUNTY #

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

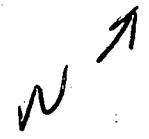
SOIL PROFILE

0' 31D

LT. TOPSOIL

BROWN SILTY CLAY LOAM

TAN S.S.L. 158 ROCK > 7'



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/11/96	31D	17V 700K	SLOW AT 11:58	3 12:00	12:00	12:03	3MIN
	31A	8'	11:47	11:49	11:49	11:53	4MIN
		↳ SHALLOW TEST + SOIL DONE PREVIOUSLY					

REMARKS: SE PORTION OF PROPERTY, TO BE REWORKED

TYPE OF SOIL _____

TESTED BY G SAUSAGE ALSO PRESENT R. DEMIT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A _____

P _____

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

DISTRICT _____

DATE _____

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 CHARLES A. SHARP

ADDRESS 3779 SHARP ROAD PHONE 410-989-4630

PROPERTY LOCATION:

BDIVISION C.M.C. CONSTRUCTION PROPERTY LOT NO. 30

ROAD AND DESCRIPTION HOWARD ROAD 3,000'± FROM INTERSECTION
TRIDELPHIA ROAD (SOUTH)

TAX MAP 27 PARCEL # 19

SIZE OF LOT 40,000 - 50,000 SQ. FT. 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. Charles A Sharp
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

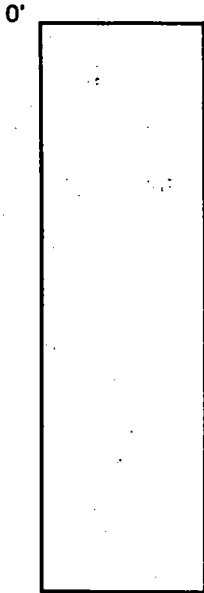
REASONS FOR REJECTION OR HOLDING _____

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

SOIL PROFILE

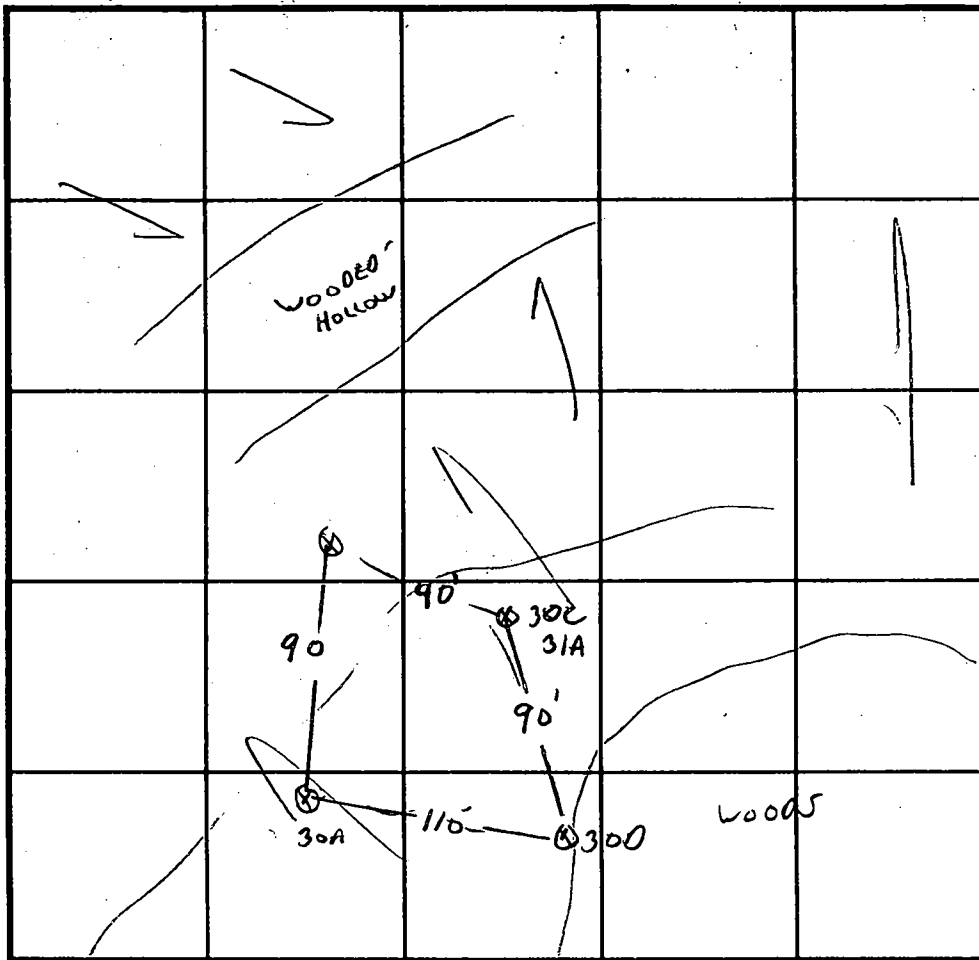


30A

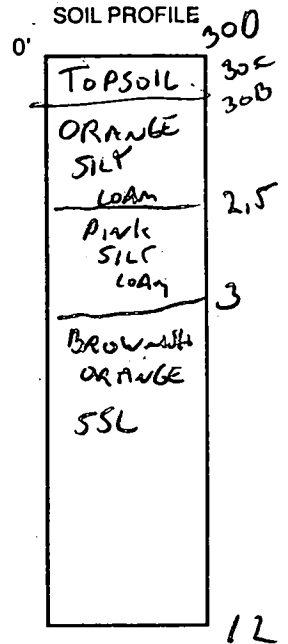
TOPSOIL
ORANGE SILTY C.L.
Brown/OLIVE S.S.L.
25g SAMPLE

2-3

12



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/5/96	300	3/12V	12:07	2:12	2:12	2:20	8MIN
		8VOK					
	30C/31A	3/11V	12:08	2:14	2:14	2:20	6MIN
		8VOK					
	30A	3/12V	2:22	2:23	2:23	2:26	3MIN
		7VOK					
	30B	3/12V	2:23	2:26	2:26	2:30	4MIN
		1	2:23	2:25	2:25	2:31	6MIN

REMARKS LOT 30, SW CORNER OF PROPERTY

TYPE OF SOIL _____

TESTED BY G. SAVAGE ALSO PRESENT C. SHARP, R. DEMITT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

X



SUBMISSION

LIMIT

20

N 79°05'34" E
68.28'

N 69°10'30" W
170.41'

N 85°58'32" E
160.17'

R=625.00' L=282.07'

R=675.00' L=316.43'

R=65.00'

Lot 78

Lot 79

Lot 80

Lot 81

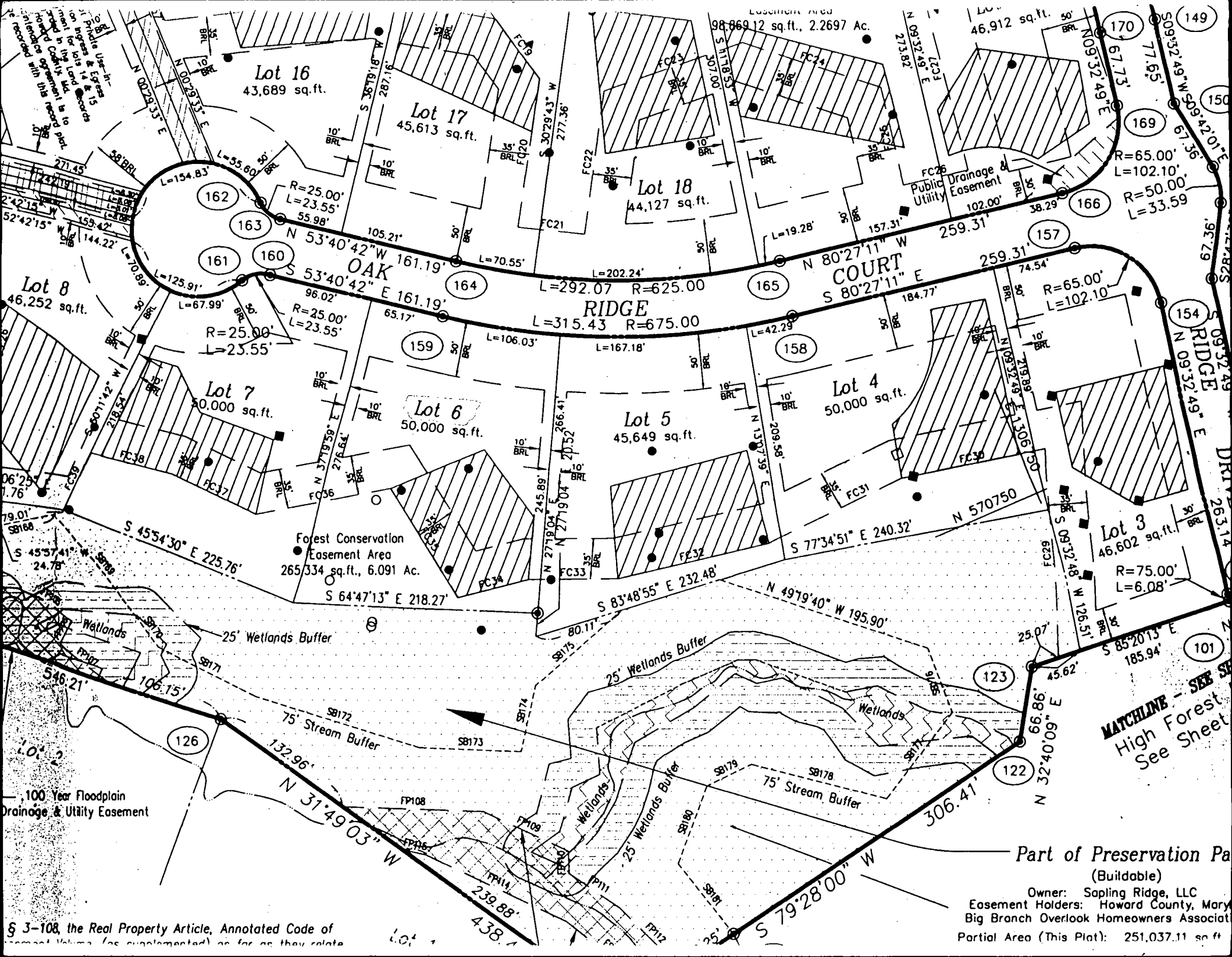
25' Wetlands Buffer

25' Wetlands Buffer

75' Stream Buffer

W. POND 3

W. SPACES



§ 3-108, the Real Property Article, Annotated Code of Maryland (as supplemented) as far as they relate

Partial Area (This Plat): 251,037.11 sq. ft.