

LAYOUT 10/20/03 11:30pm INSP 4 11/13/03-12
 INSP 2 11/3/03-3PM INSP 5 _____
 INSP 3 11/10/03 1pm INSP 6 _____

ISSUE DATE: 9/25/03

APPROVAL DATE: 11/13/03

**PERMIT
INDEXED**

P 519590

A 56600-S

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

05-432820

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ALTER

ADDRESS: 580 Obrecht Rd, Sykesville 21784 PHONE NUMBER: 410-795-5670

SUBDIVISION: High Forest Estates LOT NUMBER: 19

ADDRESS: 15004 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
WITH MANHOLE ACCESS

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 at the highest useable are of the SDA.
NOTES:	Maintain 9' edge to edge trench separation. Install 4-60' long trenches as shown on the approved building permit plan.

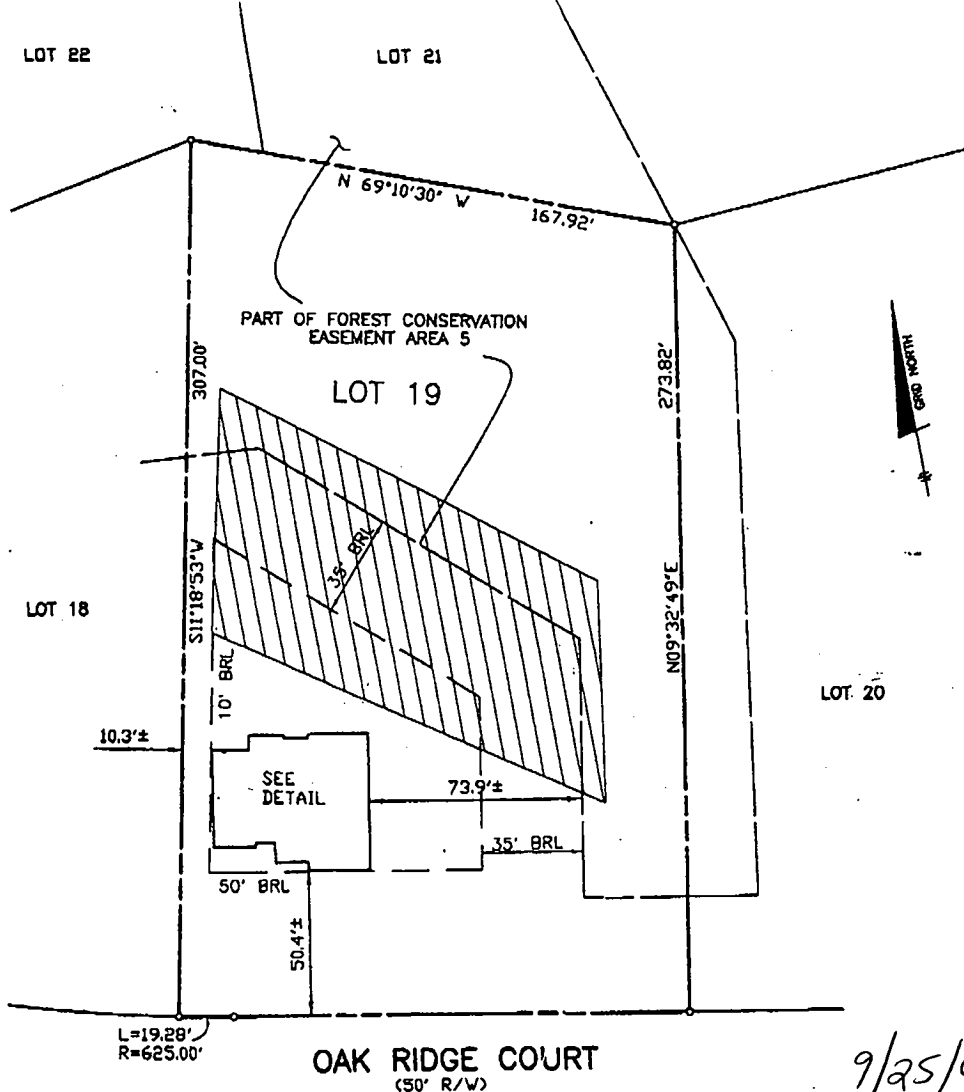
PLANS APPROVED: John A. Boris OK SRK 9/25/03 DATE: 6/9/03

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
 BUILDING PERMIT SIGNED AND RETURNED
 ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

63-04 800148603-Deck

A 56600-S



TOP OF FOUNDATION WALL ELEVATION = 472.7'
 OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

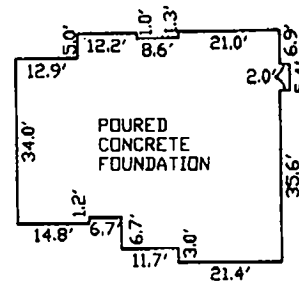
SURVEYOR'S CERTIFICATE

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 08/05/03; 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 BUILDABLE PRESERVATION PARCEL A NON-BUILDABLE PRESERVATION PARCEL B", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No. 13960

David M. Harris
 DAVID M. HARRIS
 REGISTERED PROFESSIONAL LAND SURVEYOR
 MD REG. No. 10978
 FOR BENCHMARK ENGINEERING, INC.
 MD REG. No. 351
 RECORD PLAT No. 13960
 FEMA FIRM No. 240044 0025 B
 ZONE: C
 DATED: 12/04/86

BENCHMARK
 ENGINEERING, INC.

2400 BALTIMORE WOODROW WALK & SUITE 410
 ELLESMERE CITY, MARYLAND 21043
 PHONES 410-480-8100 & 410-480-8844
 WWW.BENCHMARKINC.COM



FOUNDATION DETAIL

SCALE: 1" = 30'

WALL CHECK

HIGH FOREST ESTATES
LOTS 1 THROUGH 50
LOT No. 19


15004 OAK RIDGE COURT

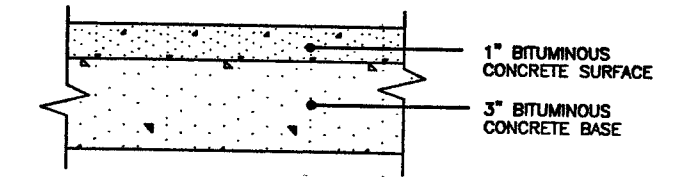
5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 08/05/03

9/25/03 =
 Wall
 Check
 OK
 SRK

NOTES:

- THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 13960, REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
-  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.
- SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER GP-01-176 AND MODIFIED FOR THIS SPECIFIC HOUSE.
- EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PRECONSTRUCTION INSPECTION.
- SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
- ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.



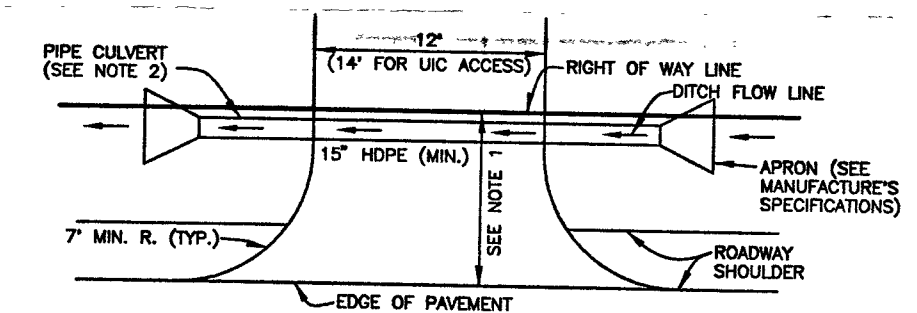
FULL DEPTH BIT. CONC. ALTERNATIVE

P-1 PAVING DETAIL

NOT TO SCALE

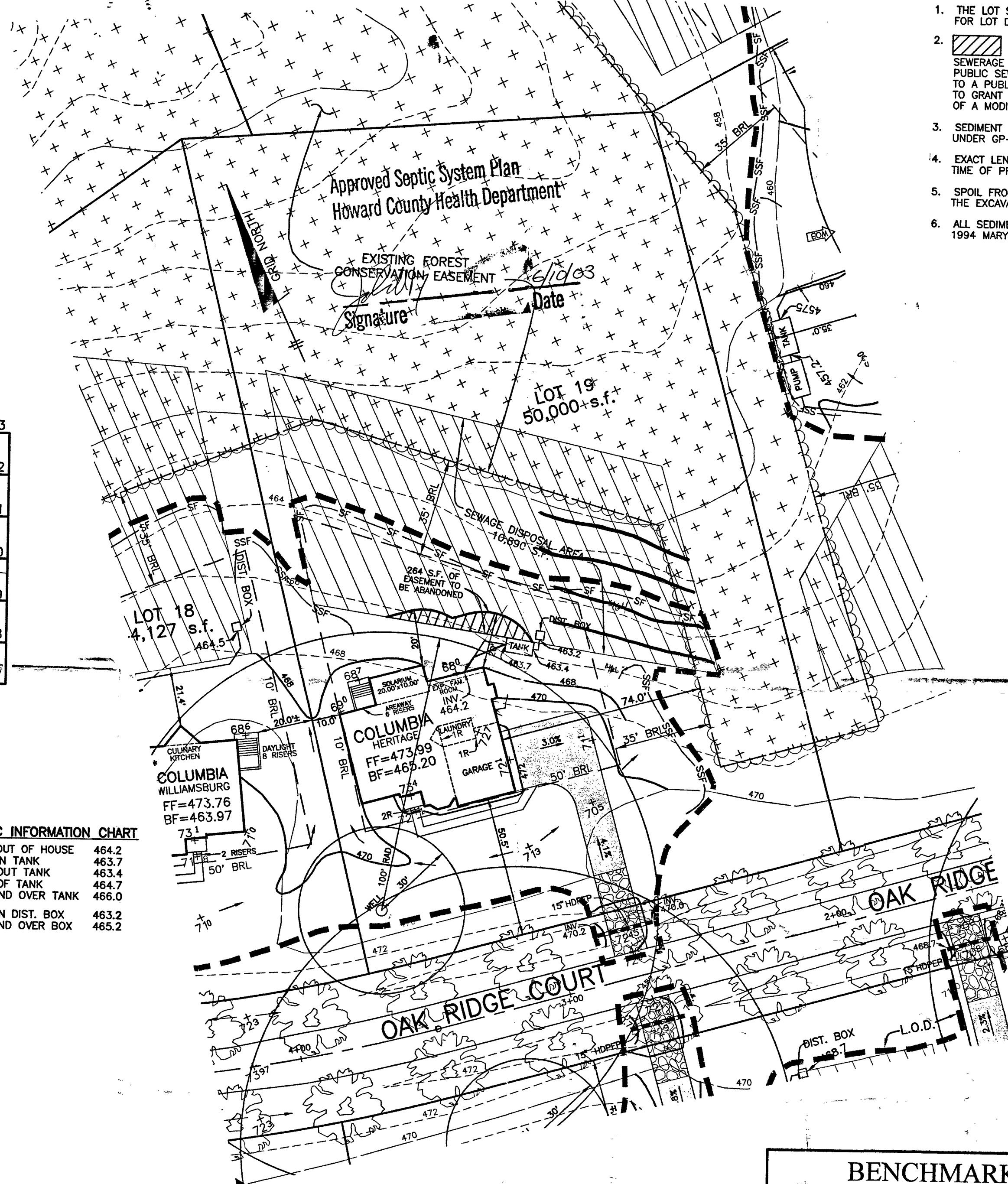
DRIVEWAY CULVERT NOTES:

- 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.
- DRAINAGE CULVERT SHALL BE SIZED FOR A 10 YEAR FREQUENCY STORM.
- 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.
- SWALE FLOW MAY BE PROVIDED OVER DRIVEWAY IF LOCATED AT OR NEAR THE CREST OF A VERTICAL CURVE ON THE PUBLIC ROAD WHERE QUANTITY OF FLOW IS SMALL AS APPROVED BY D.P.W.
- TIE-IN GRADE OF DRIVEWAY SHALL NOT EXCEED 14%.
- SEE HOWARD COUNTY STANDARD DETAIL R-6.06 FOR ADDITIONAL INFORMATION.



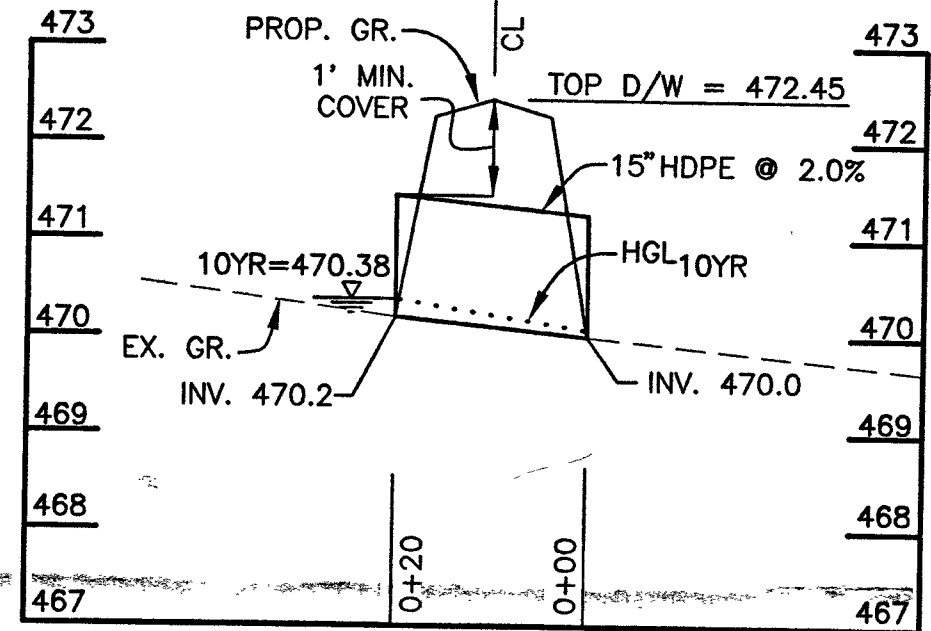
DRIVEWAY CULVERT

NOT TO SCALE



Approved Septic System Plan
Howard County Health Department

EXISTING FOREST
CONSERVATION EASEMENT
Signature _____
Date _____

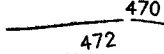



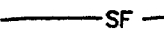

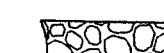

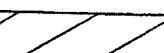
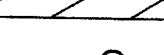




LOT 19 CULVERT PROFILE
SCALE: 1"=20' HOR., 1"=2' VERT.

SEPTIC INFORMATION CHART

INV. OUT OF HOUSE	464.2
INV. IN TANK	463.7
INV. OUT TANK	463.4
TOP OF TANK	464.7
GROUND OVER TANK	466.0
INV. IN DIST. BOX	463.2
GROUND OVER BOX	465.2

LEGEND

-  470 EXISTING CONTOURS AS SHOWN ON F-98-167
-  472 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'

<p align="center">BENCHMARK ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS ENGINEERING, INC.</p> <p align="center">8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418 ELLCOTT CITY, MARYLAND 21043 PHONE: 410-465-6105 FAX: 410-465-6644</p>		PROJECT: HIGH FOREST ESTATES LOT 19	
		LOCATION: 15004 OAK RIDGE COURT TAX MAP 27, GRID 6 - PARCEL 140,141,142 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
BUILDER: TOLL BROTHERS, INC. 7164 COLUMBIA GATEWAY DRIVE SUITE 230 COLUMBIA, MARYLAND 21046 410-872-9105		TITLE: PLOT PLAN	
HOUSE: COLUMBIA		DATE: MAY 15, 2003	PROJECT NO. 1362
SCALE: AS SHOWN		DRAWING 1 OF 1	

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: Eagles Well Drilling Telephone #: 410-795-5670
Address: 580 Obrecht 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 Compton License# MSD009

*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Toll Brothers Telephone #:
Subdivision: High Forest Estates Lot #: 19/108 Well Tag #: HO-94-3372
Site Address: 15004 Oak Ridge Ct

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Goulds Make: Campbell Two piece watertight cap: YES
Model #: 7S B07422 Model #: N/A Screened, vented well cap: YES
Pump Capacity 7 GPM Depth: 36 (36" min) Cap secured to casing: YES
Well Yield: 4 GPM NSF 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 1990 Section 17.8.4
Torque arrestors or Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt N/A

Piping to house House Connection
Type: 1" Black Plastic PVC sleeved 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 Signature of company representative responsible for installation
12-16-03 date

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

Date Insp. Requested: 11/25/03 Date Insp. Approved: 1/13/04
Inspection Data: Pitless adapter and 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 installed inside of well 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 14459 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER 13 56600-S

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO 94-3372

OWNER Toll Brothers STREET OR RFD Oak Ridge Ct TOWN Glenelg SUBDIVISION HIGH FOREST ESTATES SECTION LOT 19

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Brown shale, Gray Limestone, Brown, Gray Limestone, White, Gray Limestone.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), NO. OF BAGS 27, NO. OF POUNDS 254638, GALLONS OF WATER 162, DEPTH OF GROUT SEAL 75 ft.

CASING RECORD: MAIN CASING TYPE ST, Nominal diameter 06, Total depth 82. OTHER CASING (if used) section.

SCREEN RECORD: screen type or open hole HO, insert appropriate code below.

DEPTH (nearest ft.) table with rows 1-5 and columns 8-21.

NUMBER OF UNSUCCESSFUL WELLS: 0. WELL HYDROFRACTURED: Y (yes), N (no).

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

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

DRILLERS LIC. NO. 1 M S D 0091. DRILLERS SIGNATURE (Must match signature on application). LIC. NO. 1 D

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

PUMPING TEST: HOURS PUMPED 03, PUMPING RATE 4 gal. per min., METHOD USED TO MEASURE PUMPING RATE 19 gal., WATER LEVEL BEFORE PUMPING 44 ft., WHEN PUMPING 80 ft., TYPE OF PUMP USED 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 02 (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 plat

W516852-0

B 1 9768

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

H0-94-3372 fill in this form completely

Date Received (APA) 03/01/02

OWNER INFORMATION

1011 Brothers 14203 Howard Rd Dayton Md 21036

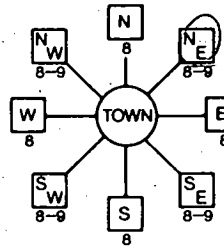
LOCATION OF WELL

Howard County High Forest Estates Section 44 Lot 19 Glencly

DRILLER INFORMATION

Allen Compton MSD 009 Fogles Well Drilling 580 Obrecht Rd

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Oak Ridge Ct. NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



20 DISTANCE FROM ROAD ENTER FT OR MI

TAX MAP: 27 BLK: 11 PARCEL 147

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

USE FOR WATER (CIRCLE APPROPRIATE BOX)

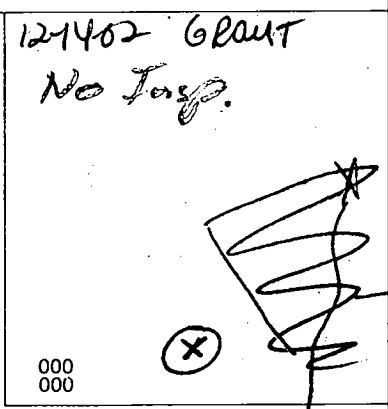
- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (D) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION (F) INDUSTRIAL, COMMERCIAL, DEWATERING (I) PUBLIC WATER SUPPLY WELL (P) TEST, OBSERVATION, MONITORING (T) GEO-THERMAL (G)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard (13) AS6600-S COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 03/13/02 K. Goedeberg CO SIGNATURE EXP. DATE 03/13/09

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

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER



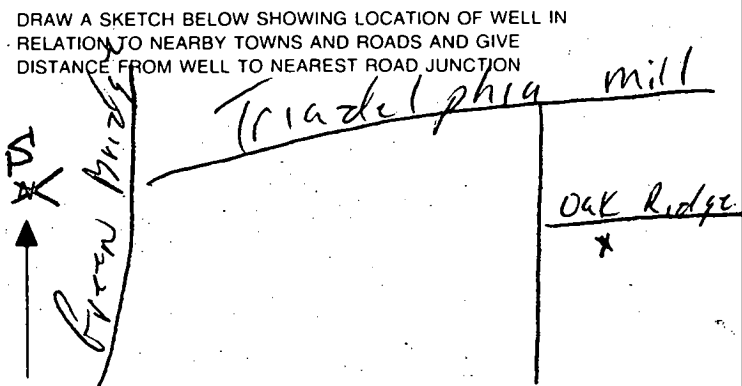
METHOD OF DRILLING (circle one)

- BORED (or Augered) AIR-ROTary (circled) AIR-PERcussion CABLE (circled) JETTED Jetted & DRIVEN ROTARY (Hydraulic Rotary) REVerse-ROTary DRive-POINT

WRITE THE BOX NUMBER FROM THE MAP HERE E 795 N 511

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 DEEPEM AN EXISTING WELL (D)



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

APPROX. PERMIT NUMBER G PERMIT No. H0-94-3372

SPECIAL CONDITIONS

NOTIF - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

B 1 5902

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-2852

W 513699

please print or type

fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13. Karfonta Chuck 15 Last Name Owner First Name 34 36 Street or RFD 55 10 Mellor Ave. 57 Town 70 State 72 Zip 76 Catonsville Md 21228

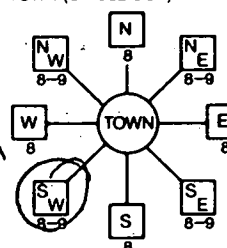
B 3 LOCATION OF WELL

8 COUNTY 21 Howard 23 SUBDIVISION 42 Hight Forest Est. SECTION 44 46 LOT 48 50 19 52 NEAREST TOWN 71 Dayton MILES FROM TOWN (enter 0 if in town) 73 4 1/2 M I 76 77 78

DRILLER INFORMATION

Driller's Name 76 License No. 81 Joseph L. Mayne M SD 024 Firm Name 76 Joseph L. Mayne Well Drilling Address 76 5512 Ridge Rd Mt Airy Md 21771 Signature 76 Date 7/1/01

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 NEAR WHAT ROAD 30 Oak Ridge Ct. ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 34 20 37 DISTANCE FROM ROAD ENTER FT OR MI FT 38 39 TAX MAP: BLK: PARCEL

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

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 CO A566005 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 9/7/00 CO SIGNATURE EXP. DATE 9/7/01 NORTH GRID 000 EAST GRID 000

APPROXIMATE DEPTH OF WELL 24 300 28 FEET APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

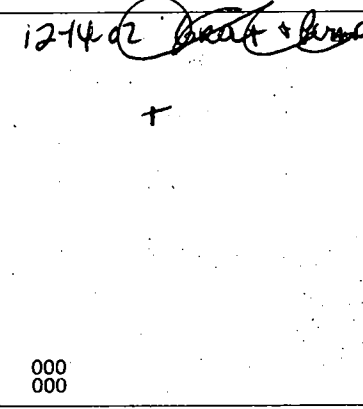
METHOD OF DRILLING (circle one)

- 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

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

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

APPROP. PERMIT NUMBER G PERMIT No. HO-94-2852

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

MATCH LINE SEE SHEET 3

15004 OAK RIDGE CT.

SEE NOTE

SEE NOTE

MATCH LINE SEE SHEET 3

EXIST. SILT FENCE
INSTALLED UNDER F-98-187
TO BE REMOVED



3/13/02 Well Staked
by engineer.
No insp. (Kg)

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 410-989-4630

PROPERTY LOCATION:

SECTION DIVISION C. M. C. CONSTRUCTION PROPERTY LOT NO. 37

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 #

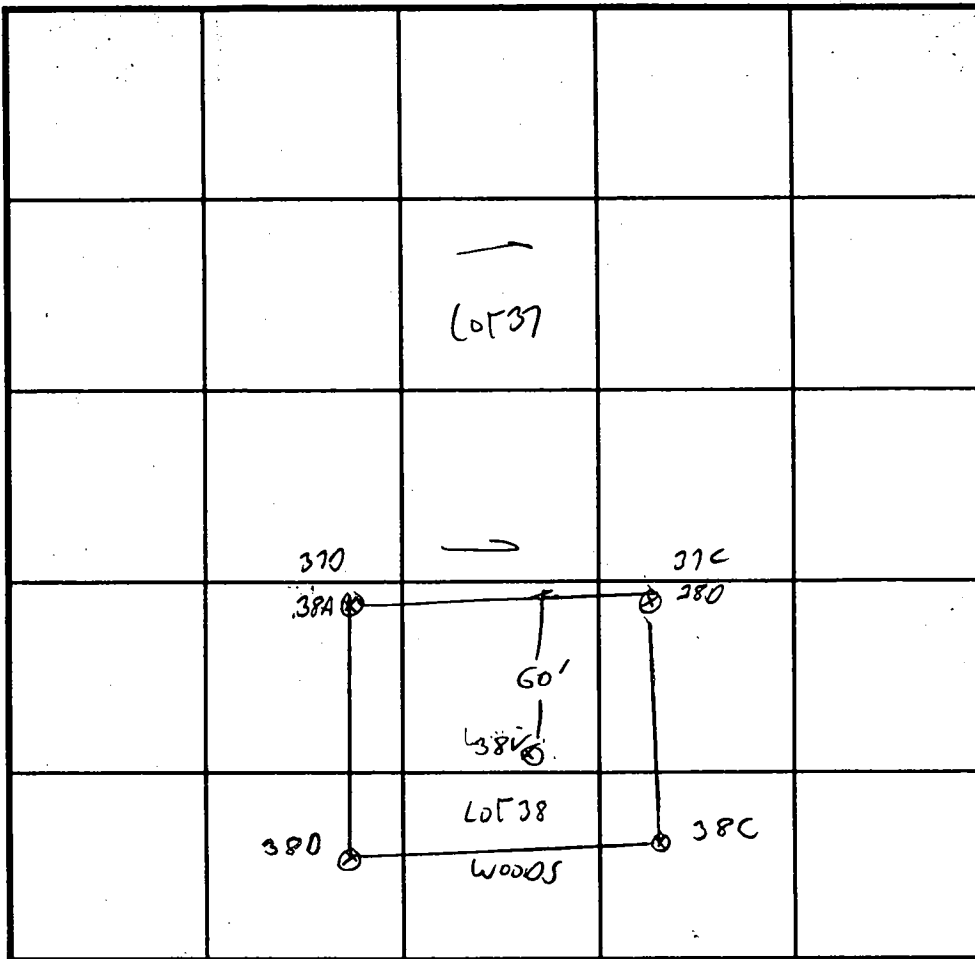
SOIL PROFILE

0'

Empty vertical box for soil profile notes.

Empty vertical box for soil profile notes.

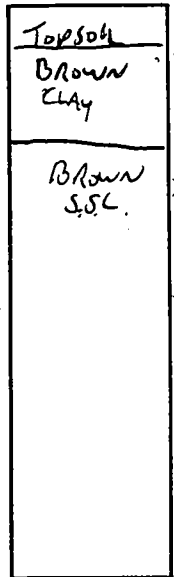
Empty vertical box for soil profile notes.



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0'



38A
37C
38O
2.5
SIMILAR

N ↗

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/4/96	38A/370	3.5	2:20	2:21	2:21	2:23	2:40
		7.5 Vok					
	38O/37C	2.5 / 11.5V	2:22	2:24	2:24	2:26	2:40
		6.5	2:22	2:25	2:25	2:29	4:10
X	38V	SIMILAR TO	0, 158	ROCK			
	38O	3.5 / 12V					2:40
							4:10
	38C	2.5 / 10V					4:10

REMARKS LOT 38, NEEDS OBSERVATION HOLE IN CENTER OF LOT

TYPE OF SOIL _____

TESTED BY G. SAVAGE ALSO PRESENT C. SHARD

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: 313-2840

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:

SUBDIVISION C.M.C. CONSTRUCTION PROPERTY LOT NO. 39

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 _____

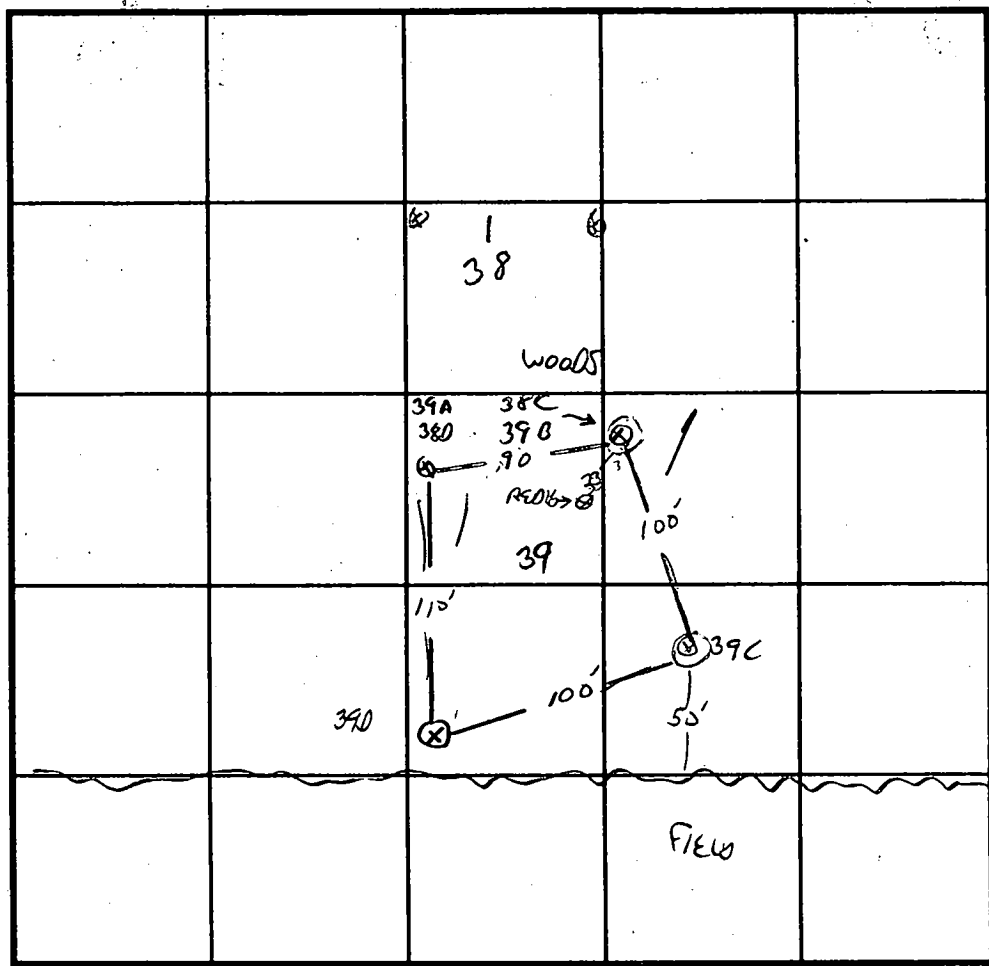
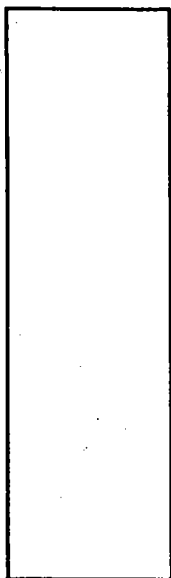
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

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

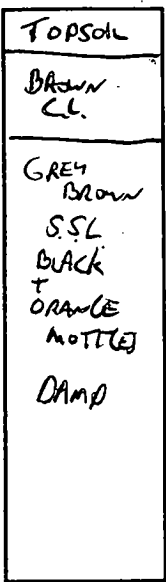
THIS IS NOT A PERMIT

A 57577
COUNTY #

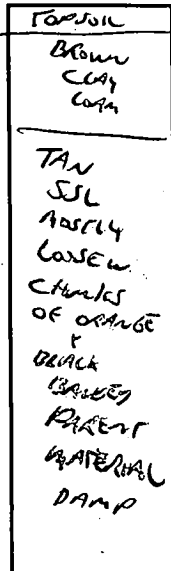
SOIL PROFILE



SOIL PROFILE



39C, B



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
12/4/96	390	3.5' / 11V	1:57	2:00	2:00	2:04	4 MW	
		7.5V						
	39C	2.5' / 10.5V	1:58	2:07	2:07	2:15	8 MW	
	39 B/38	2.5' / 10V	2:05	2:08	2:08	2:12	4 MW	
		6.5'	2:05	2:08	2:08	2:10	2 MIN	
	39A/380	3.5' / 12V	2:13	2:14	2:14	2:16	2 MIN	
		8V ok						
5/1/97	39B/38C	11.5' V	PROB. 3/4 HIGHER THAN OBSERVED WATER DUG 23 HIGHER THAN PREV.					
		SEE AMY'S TEST NOTES FROM APRIL 97						

REMARKS LOT 39

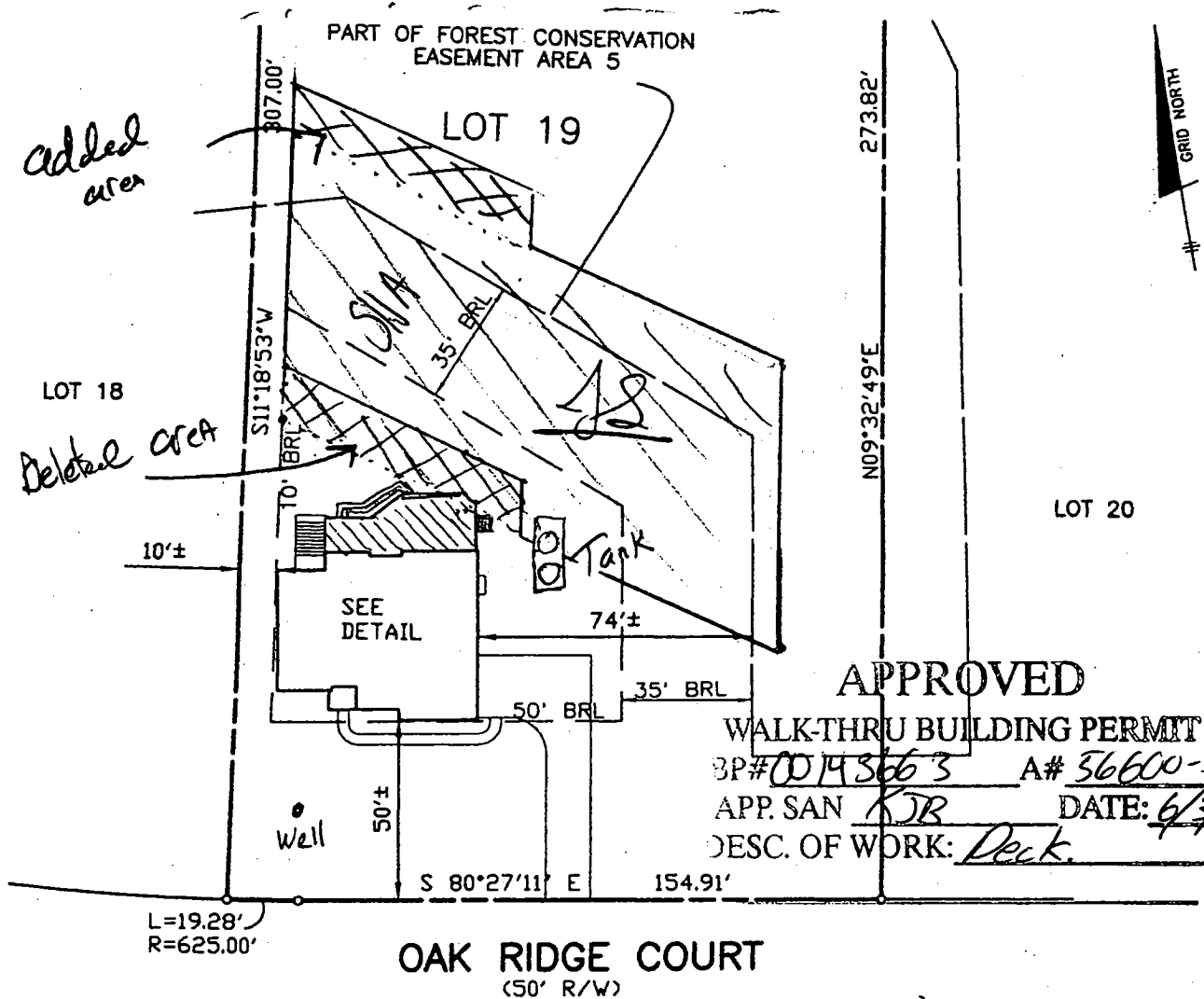
TYPE OF SOIL _____

TESTED BY G. SAVAGE ALSO PRESENT C. SHARP

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 TRENCH WIDTH _____

INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 5 SQ. FT./BEDROOM 180

REPAIRS 2 4



APPROVED
 WALK-THRU BUILDING PERMIT
 BP# 00143663 A# 56600-S
 APP. SAN KJR DATE: 6/3/04
 DESC. OF WORK: Deck

OAK RIDGE COURT
 (50' R/W)

SURVEYOR'S CERTIFICATE

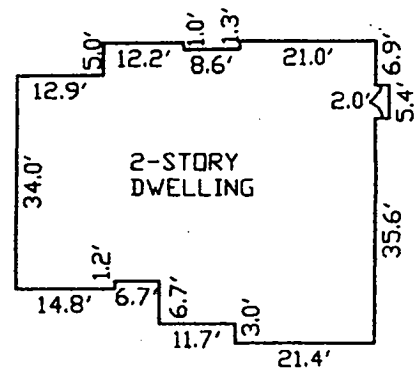
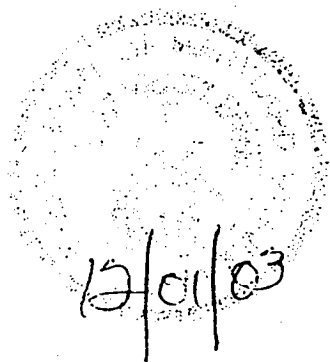
I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THE DWELLING(S) SHOWN ON THIS DRAWING LIES WITHIN THE LOT LINES SHOWN AS COMPILED FROM TITLE OR OTHER SOURCES. OTHER IMPROVEMENTS ARE FOR PICTORIAL PURPOSES ONLY. THIS DRAWING IS NOT A BOUNDARY SURVEY AND HAS BEEN PREPARED EXCLUSIVELY FOR TITLE PURPOSES ONLY. PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.

David M. Harris
 REG. No. 10978

RECORD PLAT No. 13960
 FEMA FIRM No. 240044 0025 B
 ZONE: C
 DATED: 12/4/86

BENCHMARK
 ENGINEERS & LAND SURVEYORS & PLANNERS
ENGINEERING, INC.

9480 BALTIMORE NATIONAL PIKE & SUITE 418
 ELLICOTT CITY, MARYLAND 21043
 phone: 410-463-8103 & fax: 410-463-8844
 email: Benchmark@ccle.com



DETAIL
 SCALE: 1" = 30'

LOCATION DRAWING
HIGH FOREST ESTATES
LOTS 1 THROUGH 50
 LOT No. 19

15004 OAK RIDGE COURT
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50' DATE: 11/20/03