

LAYOUT 8/2/02 AFTER 11 INSP 4 8/7/02 2-3pm ^{10/3⁰²} Pump + Alarm 2 PM
 INSP 2 8/5/02 2-3 INSP 5 8/8/02 2-3pm
 INSP 3 8/6/02 NOON INSP 6 8/9/02 2:00

ISSUE DATE: 8/1/2002
 APPROVAL DATE: 10/3/02

P 517391
 A 56600-Y

PERMIT
INDEXED

ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
05-432898

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS: 580 Obrecht Rd., Sykesville PHONE NUMBER: 410-795-3432

SUBDIVISION: High Forest Estates LOT NUMBER: 26

ADDRESS: 15005 High Forest Court PROPERTY OWNER: BRIAN HIGGINS Big Branch Overlook, LLC

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

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED
 NUMBER OF BEDROOMS: 4 *with manhole access*

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 280 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 2.5 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box approximately midway between the two upper corner easement stakes as shown on building permit plan. Run trenches on contour in both directions.
NOTES:	Trenches to be 10' center to center. Maintain 100' separation from well with trenches and septic tanks.

PLANS APPROVED: Brian Baker *OK 7/23/02 (SO)* DATE: 3/19/2002

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

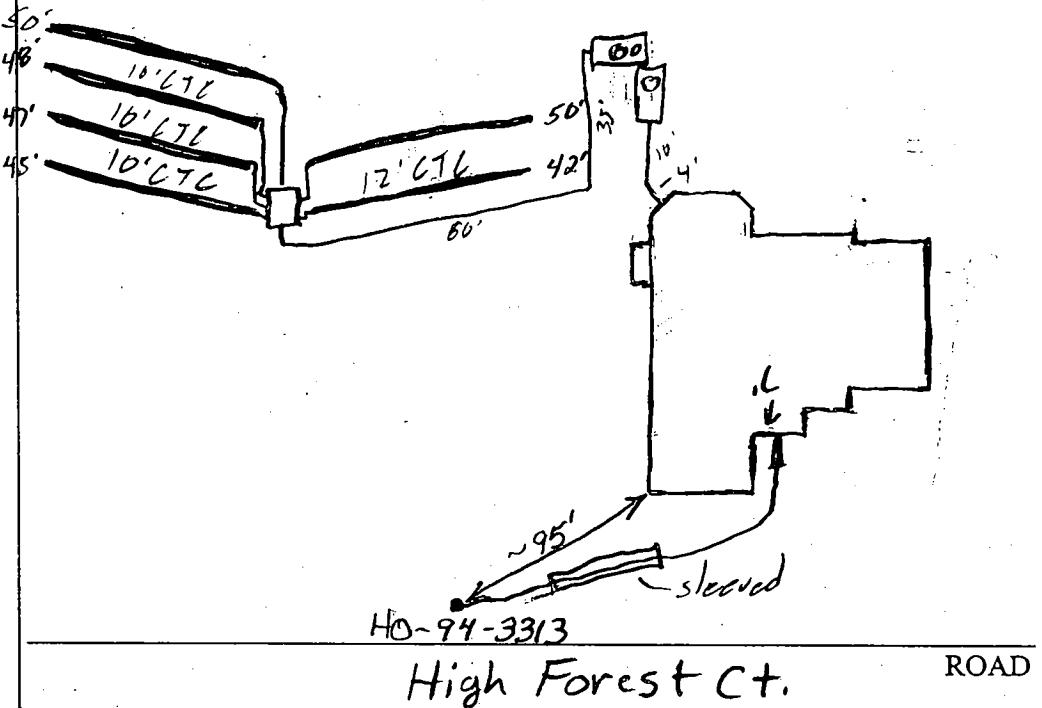
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

A 56600-4

NOT TO SCALE

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	2.5	4.5
NUMBER OF TRENCHES		6
TOTAL LENGTH		282'
ABSORPTION AREA		846 sq ft
DISTRIBUTION BOX LEVEL		✓
DISTRIBUTION BOX BAFFLE		✓
DISTRIBUTION BOX PORT		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	2-Comp.
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	2.5'
BAFFLES	No
BAFFLE FILTER	?
MANHOLE LOC	Back
6" PORT LOC	
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	✓
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1'
BAFFLES	No
BAFFLE FILTER	
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	




PRE-CONSTRUCTION 8/2/02 To install as per building permit plan BB

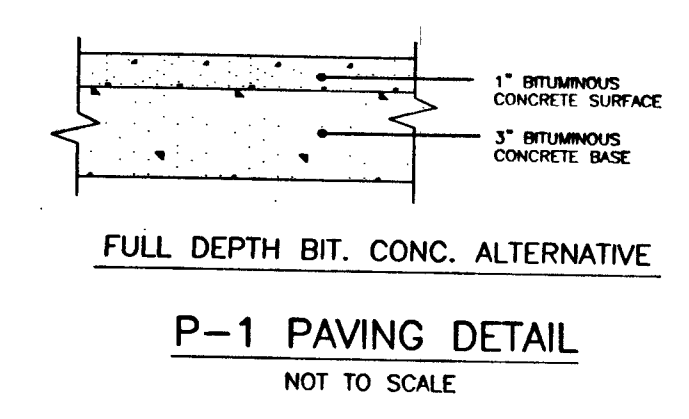
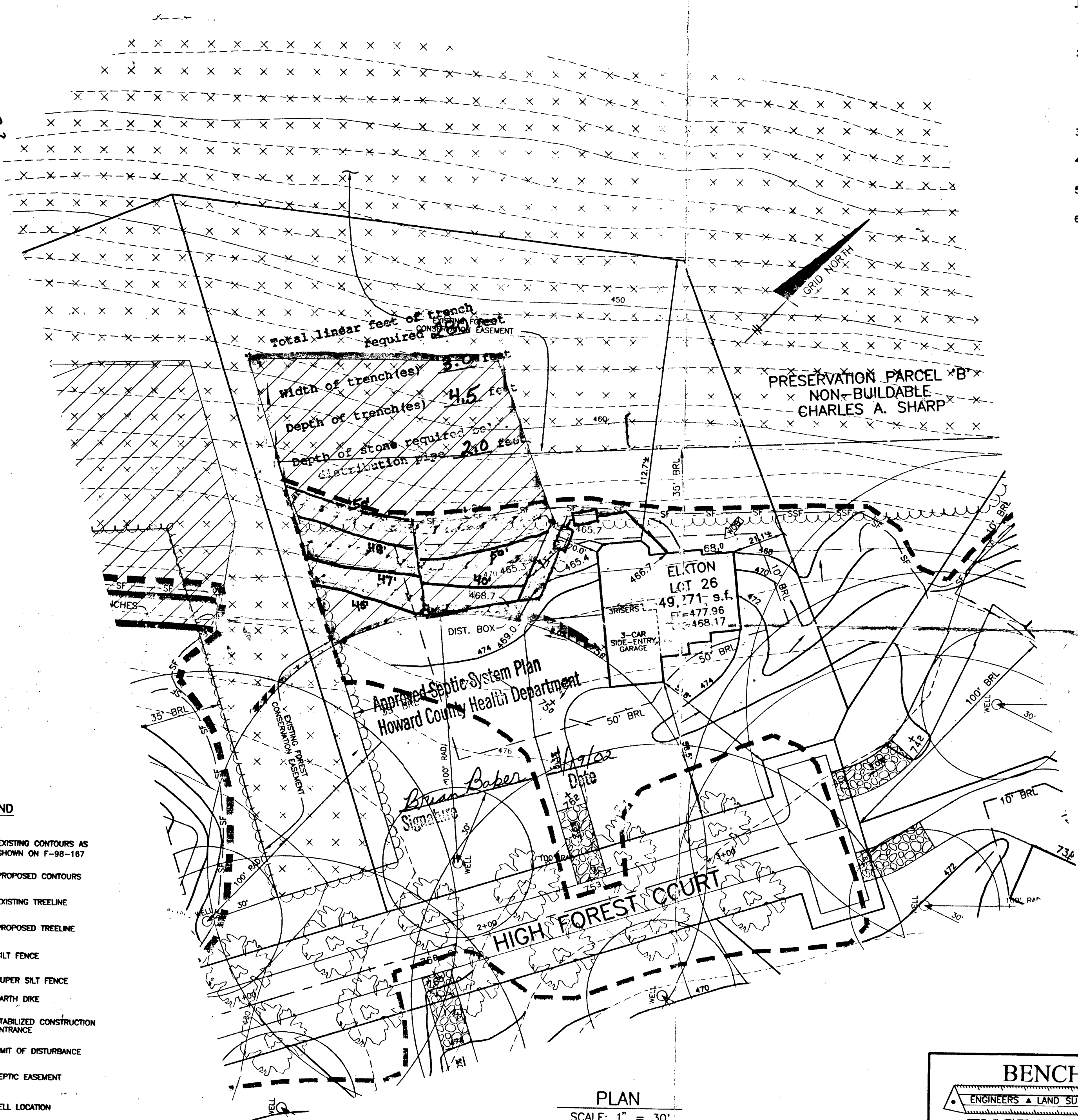
INSTALLATION 8/5/05 House connection location changed slightly. First tank set. Some pockets of questionable rock in tank holes. May not be bad idea to dig at least one observation hole BB
8/6/02 No work (SC) 8/7/02 No work (SC) 8/8/02 5 trenches installed OK to cover. Contr. missed 6" trench on BP. Must re-plumb & dig trench (SC) 8/9/02 OK to cover. Needs baffles & filter in tanks. Pump & Alarm tests needed (SC) 10/3/02 Pump & Alarm tests OK (SC)

FINAL INSPECTOR [Signature] DATE OF APPROVAL 10/3/02





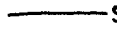
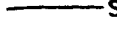
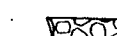
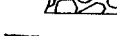
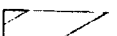
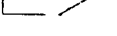

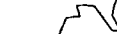
45
47
48
412
50
222

NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 13961. 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.



LEGEND

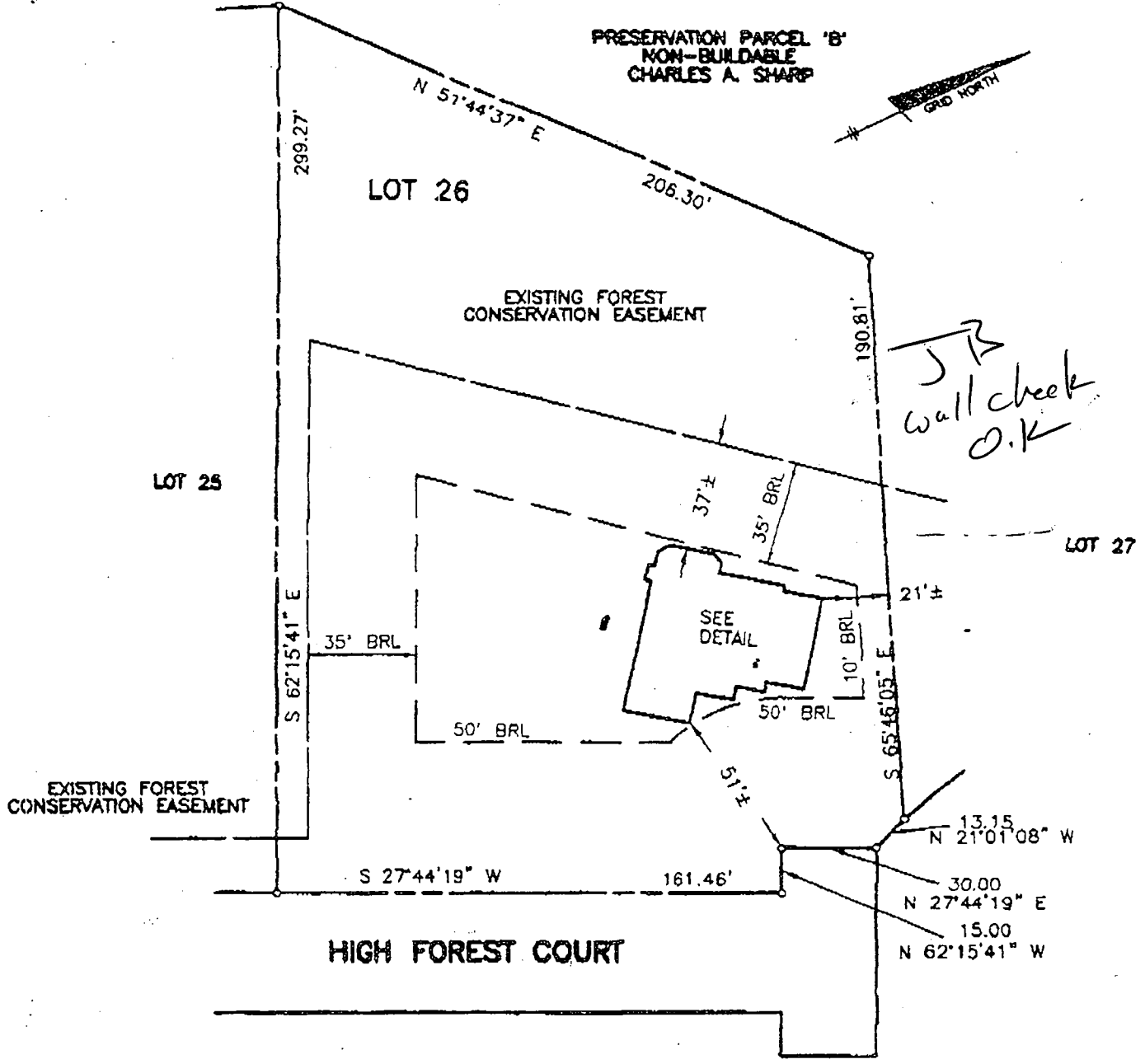
-  470 EXISTING CONTOURS AS SHOWN ON F-98-167
-  472 PROPOSED CONTOURS
-  EXISTING TREELINE
-  PROPOSED TREELINE
-  SF SILT FENCE
-  SSF SUPER SILT FENCE
-  EARTH DIKE
-  STABILIZED CONSTRUCTION ENTRANCE
-  LIMIT OF DISTURBANCE
-  SEPTIC EASEMENT
-  WELL LOCATION
-  STREET TREE INSTALLED UNDER F-98-167

PLAN
SCALE: 1" = 30'

BENCHMARK ENGINEERS • LAND SURVEYORS • PLANNERS ENGINEERING, INC. 8480 BALTIMORE NATIONAL PIKE • SUITE 418 ELLCOTT CITY, MARYLAND 21043 PHONE: 410-465-6105 FAX: 410-465-6644		PROJECT: HIGH FOREST ESTATES LOT 26	
		LOCATION: 15005 HIGH FOREST 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 TYPE: ELKTON		DATE: JANUARY 24, 2002	PROJECT NO. 1362
SCALE: AS SHOWN		DRAWING <u>1</u> OF <u>1</u>	

#75

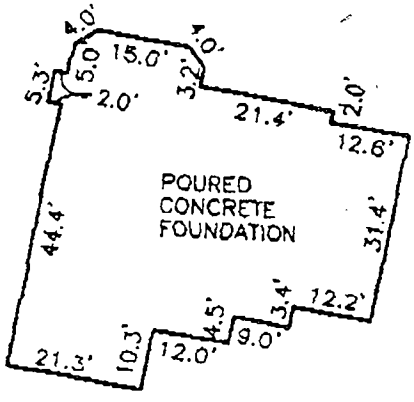
PRESERVATION PARCEL 'B'
NON-BUILDABLE
CHARLES A. SHARP



TOP OF FOUNDATION WALL ELEVATION = 475.8'
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 04/30/02; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAN PREPARED BY BENCHMARK ENGINEERING, INC. ENTITLED "HIGH FOREST ESTATES LOTS 1 THRU 50", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No.13861



FOUNDATION DETAIL

David M. Horner

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: Fogle Well Drilling Telephone #: 410-795-5670
Address: 588 Obrecht RD
Sylkesville 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#: NSD 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: Toll Brothers Telephone #: _____
Subdivision: High Forest Estates Lot #: 75/26 Well Tag #: HO 94-3313
Site Address: 15005 High Forest Ct

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Cowds Bruizer Make: Campbell Two piece watertight cap: yes
Model #: 85007 Model#: N/A Screened, vented well cap: yes
Pump Capacity: 8 GPM Depth: 42 (56" min) Cap secured to casing: yes
Well Yield: 4 GPM NSF/WSC approved: yes Conduit min 18" B.G.: yes
Depth of well encountered at time of pump installation: 400 (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 17.8.1
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 no

Piping to house House Connection
Type: 1" Black Plastic PVC sleeve to undisturbed soil at wall penetration: yes
PSI: yes (160 psi min) Approximate length of sleeve: yes
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 10-8-02
Signature of company representative responsible for installation date

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

Date Insp. Requested: _____ Date Insp. Approved: 8/30/02 Inspector: (50) AB
Inspection Data: Pitless adapter watertight & water supply line at least 55" 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 5" above finished grade ✓
Water supply line sleeved adequately at house connection ✓
Adequate grout observed below pitless adapter ✓

C1 0593 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 A56600Y

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3313

OWNER Toll Brothers STREET OR RFD 15005 High Forest Court TOWN Dayton SUBDIVISION High Forest Estates SECTION LOT 26

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

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS 18, NO. OF POUNDS 1692, GALLONS OF WATER 108, DEPTH OF GROUT SEAL 60 ft.

CASING RECORD: casing types insert appropriate code below (ST, PL, CO, OT)

MAIN CASING TYPE: ST 06 90 (Nominal diameter top (main) casing, Total depth of main casing)

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

SCREEN RECORD: screen type or open hole (ST, BR, HO, PL, OT)

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: Y (yes), N (no)

CIRCLE APPROPRIATE LETTER: A (well abandoned), E (electric log), P (test well converted)

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 009, DRILLERS SIGNATURE

LIC. NO. 1 M D

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

DEPTH (nearest ft.) table with columns 1-21 and rows E, A, C, H, S, R, E, N. Values: 90, 400.

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 03, PUMPING RATE 4 gal. per min., METHOD USED TO MEASURE PUMPING RATE 1946, WATER LEVEL 61 ft. before, 145 ft. when pumping.

PUMP INSTALLED: DRILLER INSTALLED PUMP YES NO, TYPE OF PUMP INSTALLED (A, C, J, P, R, S, T, O), CAPACITY: GALLONS PER MINUTE 31-35, PUMP HORSE POWER 37-41, PUMP COLUMN LENGTH 43-47, CASING HEIGHT 49 ft. above land surface.

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

B 1 9730 SEQUENCE NO. (MDE USE ONLY)
 1 2 3 6 4

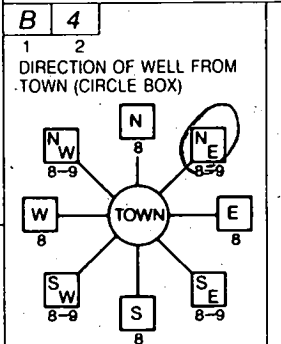
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 W 51649 please print or type

STATE PERMIT NUMBER
 H0-94-3313
 70 fill in this form completely 79

Date Received (APA) 1/25/2002
 8 MM DO YY 13
 OWNER INFORMATION
 15 Last Name First Name
 Toll Brothers
 36 Street or RFD
 14203 Howard Rd
 57 Town State Zip
 Dayton, Md. 21036

B 3 LOCATION OF WELL
 8 COUNTY 21
 Howard
 23 SUBDIVISION 42
 High Forest Estates
 SECTION 44 46 LOT 26 48 50
 52 NEAREST TOWN 71
 Glenelg
 MILES FROM TOWN (enter 0 if in town) 4 M I I
 73 76 77 78

DRILLER INFORMATION
 76 Driller's Name License No. 81
 Cullen Compton M S D 009
 Firm Name
 Eagles Well Drilling
 Address
 580 Obrecht Rd.
 Signature Date
 1-23-02



11 NEAR WHAT ROAD 30
 High Forest Ct.
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH
 WEST EAST
 SOUTH
 34 25 37
 DISTANCE FROM ROAD ENTER FT OR MI 38 39
 FT
 TAX MAP: 27 BLK: 11 PARCEL 147

B 2 WELL INFORMATION
 1 2 APPROX. PUMPING RATE (GAL. PER MIN.) 5
 8 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500
 14 20

NOT TO BE FILLED IN BY DRILLER
 HEALTH DEPARTMENT APPROVAL
 Howard COUNTY NAME
 (13) A56600Y COUNTY NO.
 STATE SIGNATURE INSERT S → 41
 DATE ISSUED 2/7/02
 43 MM DD YY 48 CO SIGNATURE Brian Baker 2/7/2003 EXP. DATE
 NORTH GRID 50 511 000 EAST GRID 57 795 000 63

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

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

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X → 2/27/02 9:00
 SOURCES OF DRILLING WATER
 1.
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E 7505
 N 5101
 000 000

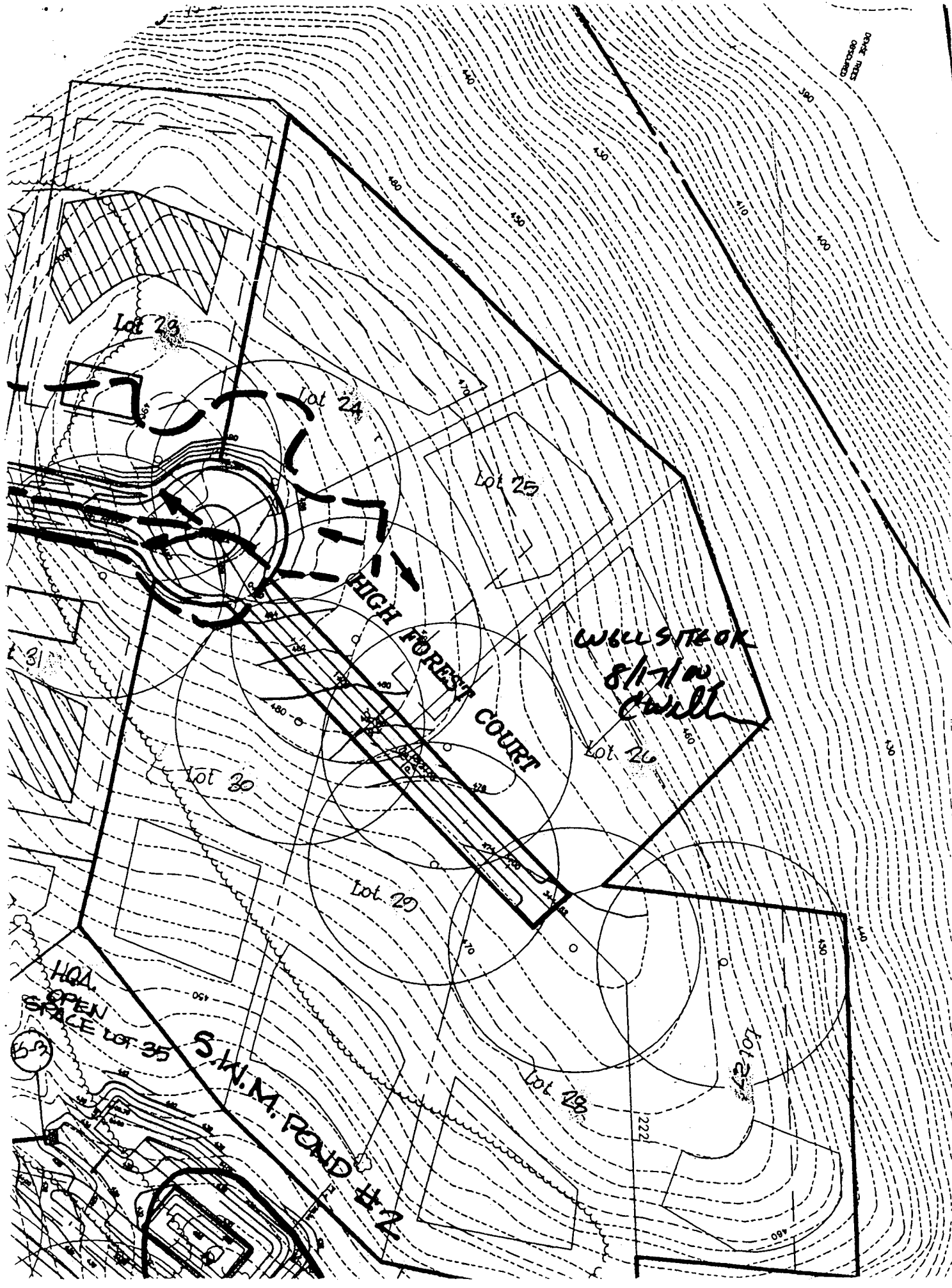
METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 37 CABLE REVERSE-ROTARY DRIVE-POINT
 other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 THIS WELL WILL DEEPEM AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
 APPROP. PERMIT NUMBER _____ G _____
 PERMIT No. H0-94-3313
 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS
 NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.

DATE REVISION
BY



B 1 5911 SEQUENCE NO. (MDE USE ONLY) STATE OF MARYLAND PERMIT TO DRILL WELL STATE PERMIT NUMBER **HO - 94 - 2827**

1 2 3 4 5 6 70 fill in this form completely 79

W514165 please print or type

Date Received (APA) _____

OWNER INFORMATION

8 MM DD YY 13
 15 Last Name Kainantz Owner Chuck First Name 34
 36 Street or RFD 10 Yellow Ave. 55
 57 Town Patonsville State MD Zip 21228 76

DRILLER INFORMATION

Driller's Name Joseph & Mayre License No. M 5 D 0 2 4 81
 Firm Name Joseph & Mayre Well Drilling
 Address 5515 Ridge Rd Mt. Airy 21711
 Signature Joseph & Mayre Date 7/24/00

LOCATION OF WELL

B 3 Howard COUNTY 21
High Forest Est. 23 - SUBDIVISION 42
 SECTION 44 46 LOT 26 48 50
Dayton 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) 4 1/2 M I 73 76 77 78

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

B 4 High Forest Ct. 11 NEAR WHAT ROAD 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH 34 20 37 SOUTH 38 39
 DISTANCE FROM ROAD: FT
 TAX MAP: _____ BLK: _____ PARCEL: _____

WELL INFORMATION

B 2 APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 34 20 500

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 COUNTY NAME 13 COUNTY NO
 STATE SIGNATURE _____ INSERT S → 41
 DATE ISSUED 08 17 00 CO SIGNATURE Cy Willen EXP. DATE 8/16/01
 43 MM DD YY 48
 NORTH GRID 510 0 0 0 EAST GRID 0790 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 _____ 52

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

APPROX. PERMIT NUMBER _____ G _____
 PERMIT No. HO - 94 - 2827
 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS
 NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

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
 000
 000

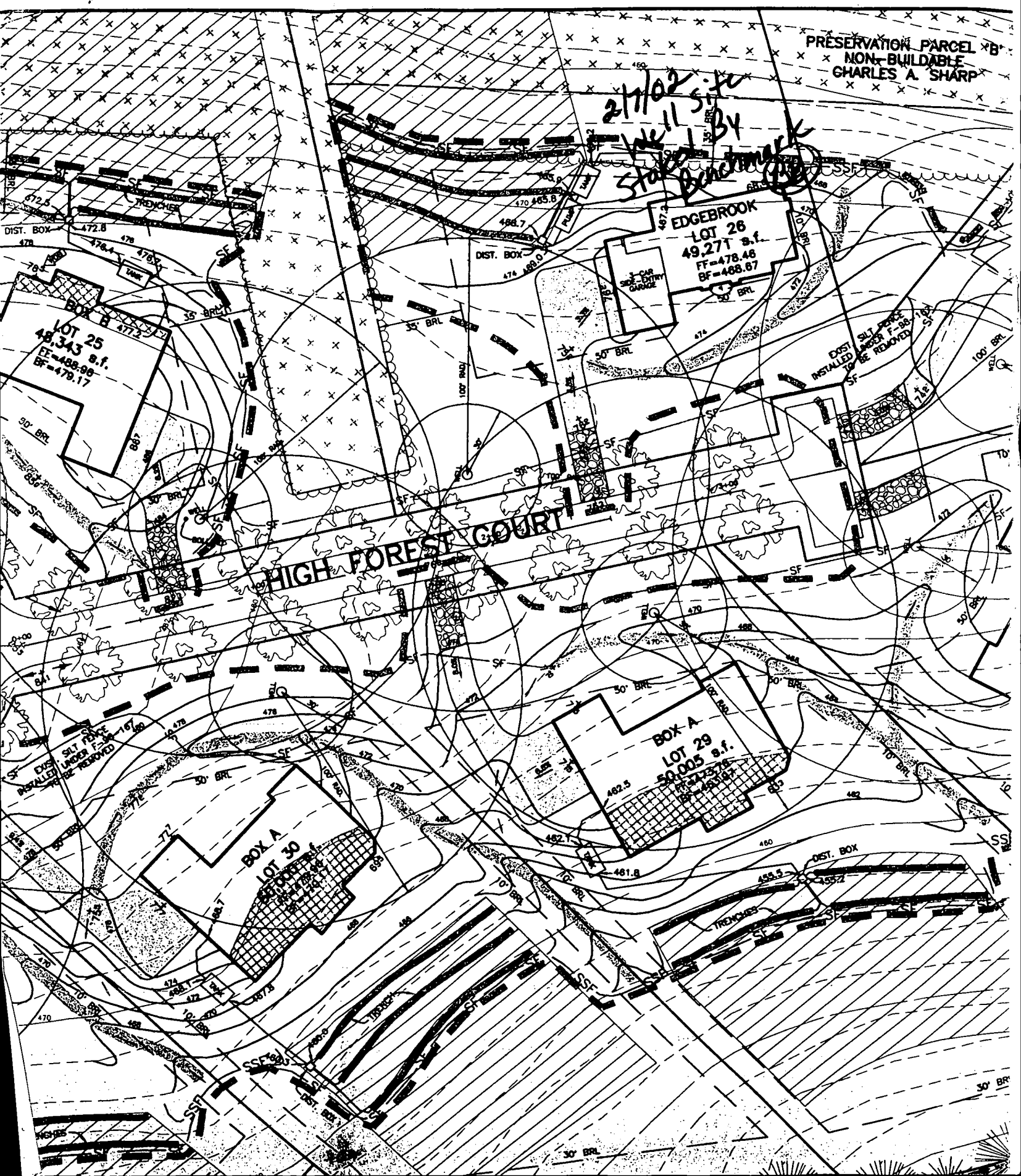
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

Dayton
High Forest Ct.
Oak Ridge Rd.
Triadelphia Mill Rd.
Dayton

1500S HIGH FOREST CT.

PRESERVATION PARCEL *B*
NON-BUILDABLE
CHARLES A. SHARP

2/1/02
11 5/16
BY
Stake Benchmarks



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:

UBDIVISION C.M.C. CONSTRUCTION PROPERTY LOT NO. 45

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 _____

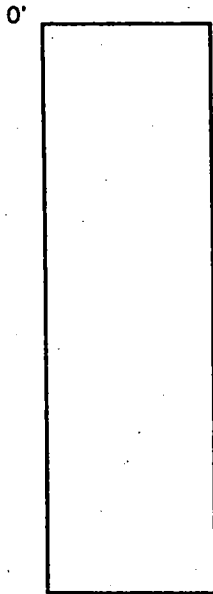
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

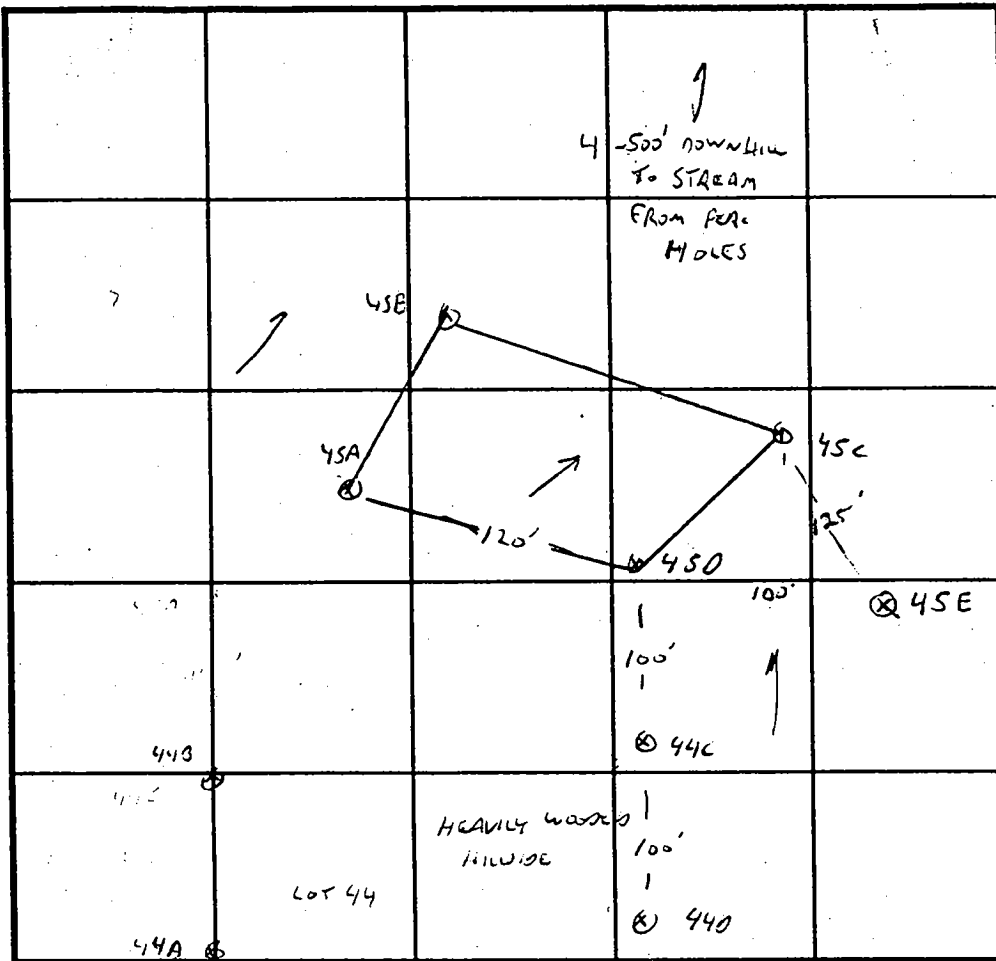
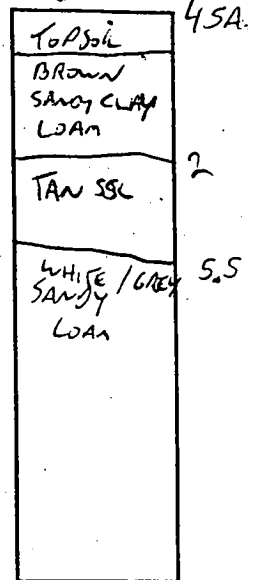
A 57577

COUNTY #

SOIL PROFILE



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

45D, E

TOPSOIL
BROWN SANDY CLAY LOAM
PINK BROWN ORANGE PINK LAYERS
SSC.

45C

TOPSOIL
BROWN SANDY CLAY LOAM
ORANGE SANDY LOAM
15% SHALE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/21/96	45A	2.5 / 12V	2:22	2:23	2:23	2:25	2 MIN
-	DEEP-	7.5	11:45	11:49	11:50	11:54	4 MIN
-	45B	3.5 / 11V	11:44	11:44	11:49	11:54	5 MIN
		6.5	2:27	2:29	2:29	2:32	3 MIN
	45D	2 / 11V	2:37	2:47	2:47	3:10	23 MIN
	45C	2 / 10.5V	2:48	2:50	2:50	2:53	3 MIN
3/7/97	45E	2.5 / 11V	2:23	2:25	2:25	2:28	3 MIN

REMARKS LOT 45, B SLOW AT 2.5

TYPE OF SOIL _____

TESTED BY G. SAVAGE ALSO PRESENT C. SHARP

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

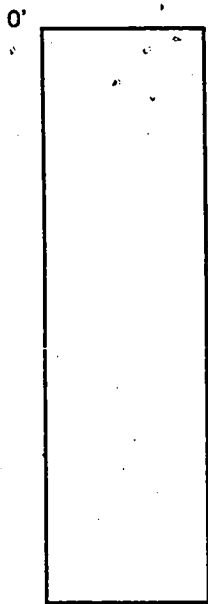
INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

X

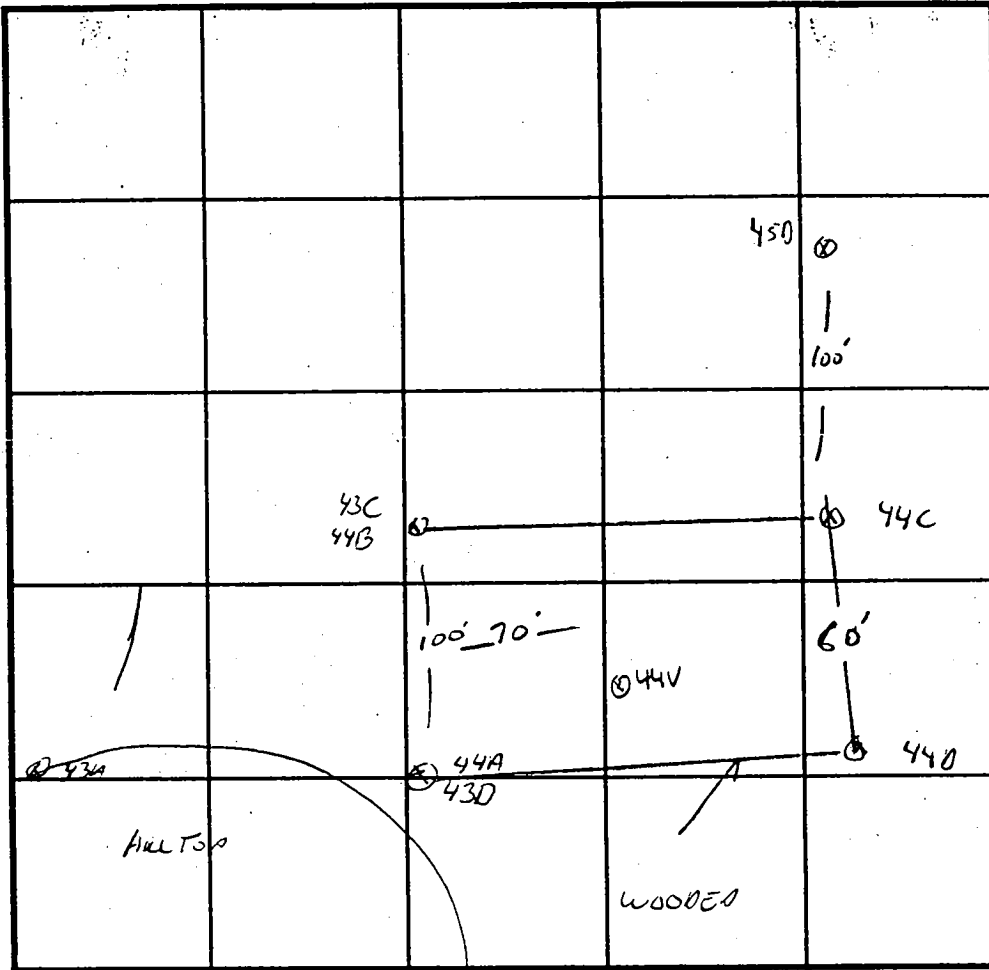
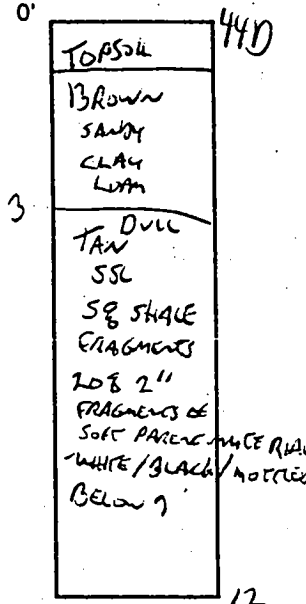
A 57577

COUNTY #

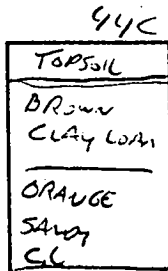
SOIL PROFILE



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



44C
 TOPSOIL
 BROWN CLAY LOAM
 ORANGE SANDY CL
 BRIGHT ORANGE/PINK SSL
 SIDE OF HOLE
 SOG ROCK AT 9
 ORANGE COLOR VARIATIONS SUGGEST MOTTLING
 TRENCH DRY 11/5

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/21/96	44A	2.5	SEE LOT 43 FOR SOIL PROFILES				17 MIN
		7					2 MIN
	44B	2.5					3 MIN
	44V	OK					
	44D	3/12V	2:04	2:06	2:06	2:13	7 MIN
		7 VOLK					
	44C	2/11.5V	2:05	2:13	2:13	2:45	22 MIN
		6.5	2:05	2:06	2:13	2:16	3 MIN

REMARKS LOT 44 SHALLOW SYSTEM, NOTE MOTTLES

TYPE OF SOIL _____

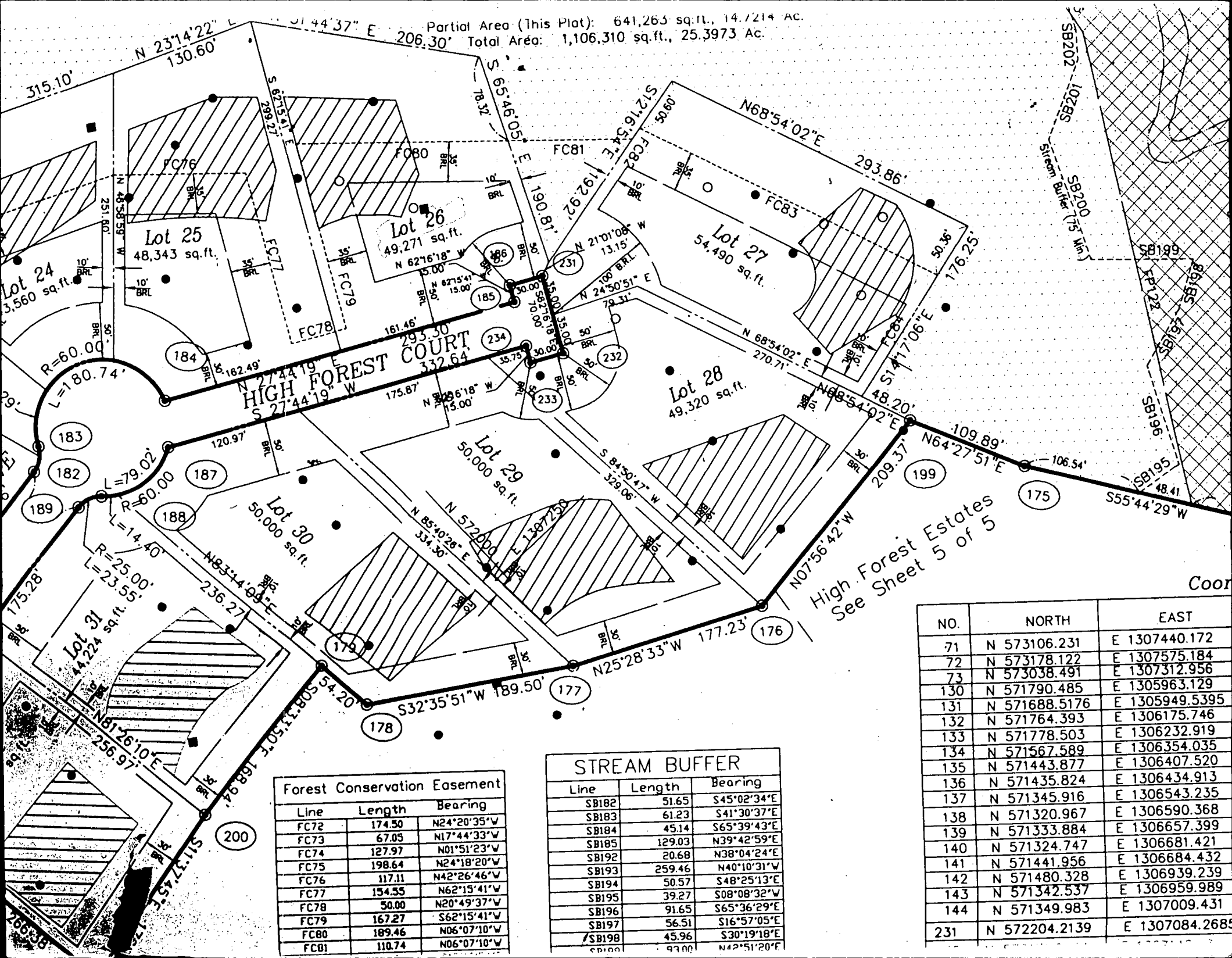
TESTED BY GLEN SAVAGE ALSO PRESENT C. SHAW, R. DEMIT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

X

Partial Area (This Plat): 641,265 sq.ft., 14,721+ Ac.
 Total Area: 1,106,310 sq.ft., 25.3973 Ac.



HIGH FOREST COURT
 332.64'

High Forest Estates
 See Sheet 5 of 5

Forest Conservation Easement		
Line	Length	Bearing
FC72	174.50	N24°20'35"W
FC73	67.05	N17°44'33"W
FC74	127.97	N01°51'23"W
FC75	198.64	N24°18'20"W
FC76	117.11	N42°26'46"W
FC77	154.55	N62°15'41"W
FC78	50.00	N20°49'37"W
FC79	167.27	S62°15'41"W
FC80	189.46	N06°07'10"W
FC81	110.74	N06°07'10"W

STREAM BUFFER		
Line	Length	Bearing
SB182	51.65	S45°02'34"E
SB183	61.23	S41°30'37"E
SB184	45.14	S65°39'43"E
SB185	129.03	N39°42'59"E
SB192	20.68	N38°04'24"E
SB193	259.46	N40°10'31"W
SB194	50.57	S48°25'13"E
SB195	39.27	S08°08'32"W
SB196	91.65	S65°36'29"E
SB197	56.51	S16°57'05"E
SB198	45.96	S30°19'18"E
SB199	93.00	N42°51'20"E

NO.	NORTH	EAST
71	N 573106.231	E 1307440.172
72	N 573178.122	E 1307575.184
73	N 573038.491	E 1307312.956
130	N 571790.485	E 1305963.129
131	N 571688.5176	E 1305949.5395
132	N 571764.393	E 1306175.746
133	N 571778.503	E 1306232.919
134	N 571567.589	E 1306354.035
135	N 571443.877	E 1306407.520
136	N 571435.824	E 1306434.913
137	N 571345.916	E 1306543.235
138	N 571320.967	E 1306590.368
139	N 571333.884	E 1306657.399
140	N 571324.747	E 1306681.421
141	N 571441.956	E 1306684.432
142	N 571480.328	E 1306939.239
143	N 571342.537	E 1306959.989
144	N 571349.983	E 1307009.431
231	N 572204.2139	E 1307084.2685