

LAYOUT 4/2/03 2007 INSP 4 4/9/03 11 AM  
INSP 2 3:00 final 4/4 INSP 5 7/15/03 2pm Rump St  
INSP 3 4/15/03 1:30 INSP 6 \_\_\_\_\_

ISSUE DATE: 4/2/2003

APPROVAL DATE: 7/15/03

**PERMIT  
INDEXED**

P 518604

A 56600-AA

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

**05-432855**

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ☒ ALTER ☐  
ADDRESS: 580 Obrecht Rd, Sykesville PHONE NUMBER: 410-795-5670  
SUBDIVISION: High Forest Estates LOT NUMBER: 22  
ADDRESS: 15173 Sapling Ridge PROPERTY OWNER: 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  
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 2.0 feet below original grade. Bottom maximum depth 4.0 feet below original grade. Effective area begins at 2.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box as shown on the approved site plan. Run trenches on contour.
NOTES:	Basement service by gravity is not proposed.

PLANS APPROVED: Steven R. Krieg OK 7/17/02 (50) DATE: 6/18/2002  
REV: 7/19/02

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

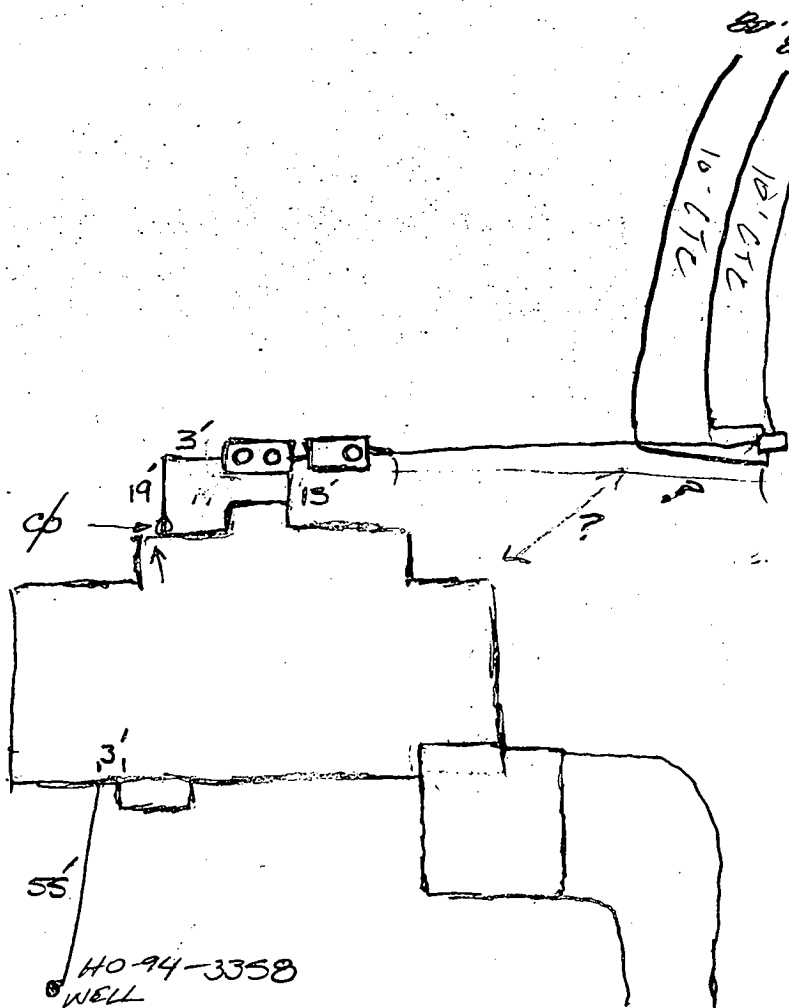
**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS  
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM**

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

9-4-03 BOD 143963-DECK  
7-25-05 BOD 155165-EXTEND DECK AND STORAGE

456400-AA

NOT TO SCALE



SAPLING RIDGE CT

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	2'	4'
NUMBER OF TRENCHES		
240		
TOTAL LENGTH		
720'		
ABSORPTION AREA		
DISTRIBUTION BOX LEVEL		
DISTRIBUTION BOX BAFFLE		
DISTRIBUTION BOX PORT		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	
CAPACITY	1500 GAL
SEAM LOC	TOP
TANK LID DEPTH	2 1/2 - 2
BAFFLES	(NOT)
BAFFLE FILTER	
MANHOLE LOC	Front/Back
6" PORT LOC	
WATERTIGHT TEST	
SEPTIC TANK 2 LEVEL	
CAPACITY	1500 GAL
SEAM LOC	TOP
TANK LID DEPTH	3 1/2 - 2 1/2
BAFFLES	(NOT)
BAFFLE FILTER	(NOT)
MANHOLE LOC	BACK
6" PORT LOC	
WATERTIGHT TEST	

PRE-CONSTRUCTION 4/2/03 SRA Staked, contour a little bit off. Install (3) 20' trenches 10' CTC (SD)

INSTALLATION 4/4/03 SEPTIC TANK & PUMP TANK INSTALLED (ONLY) 50/FA  
 4/8/03 Trenches installed, OK to cover (SD) 4/9/03 OK to cover all work. Rain/Mud, can't get a couple of measurements  
 Measure @ pump & Alarm tests (SD) 7/15/03 Pump & Alarm test OK (SD)

RECEIVED  
 BUILDING DEPARTMENT


FINAL INSPECTOR

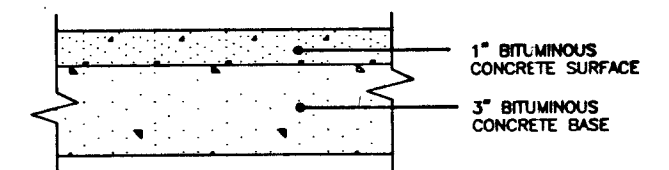
*[Signature]*

DATE OF APPROVAL

7/15/03

# NOTES:

- THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 13961, 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 BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.
- 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.



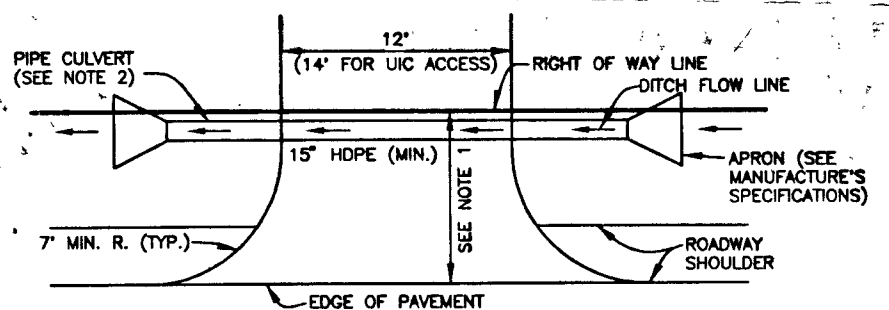
FULL DEPTH BIT. CONC. ALTERNATIVE

## P-1 PAVING DETAIL

NOT TO SCALE

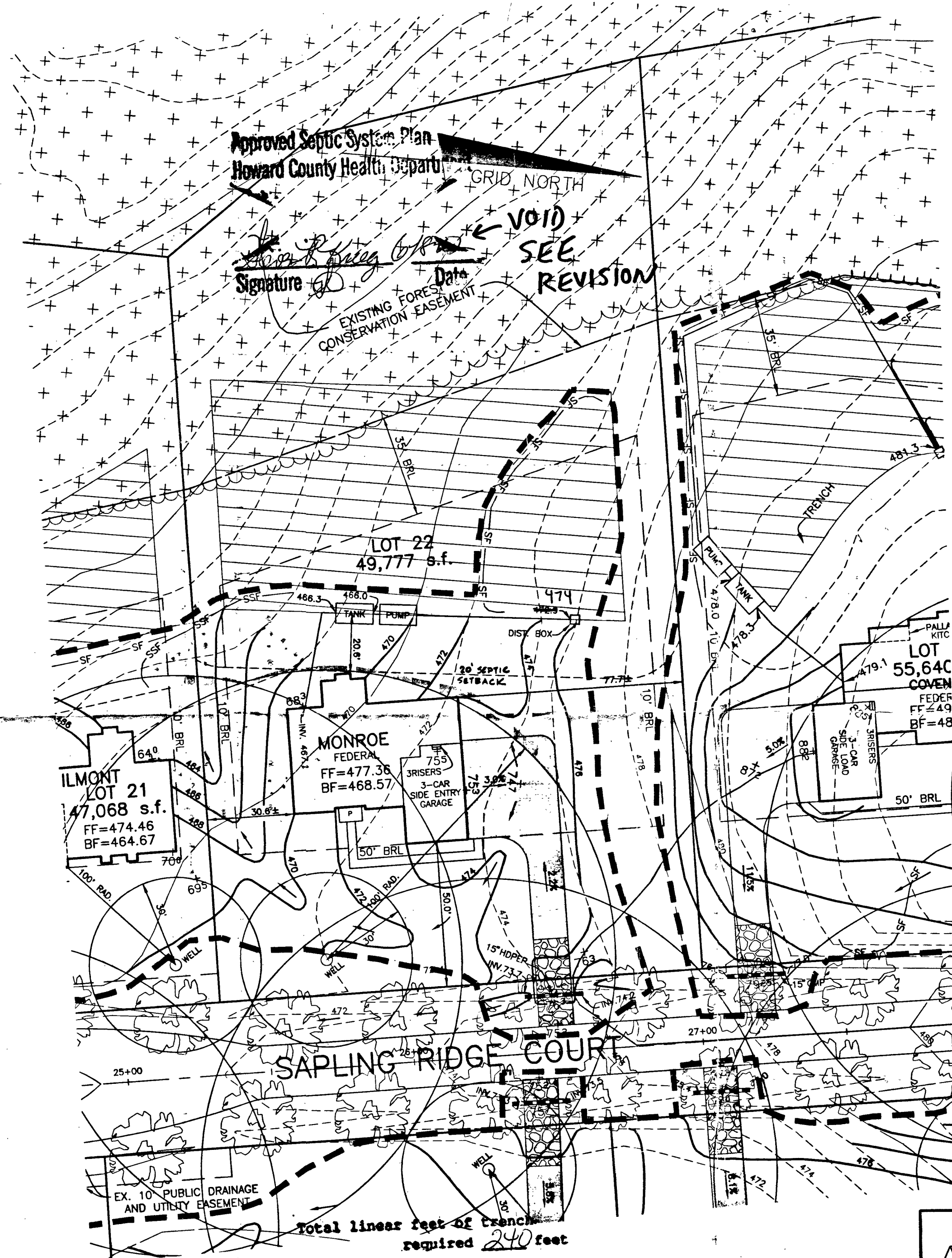
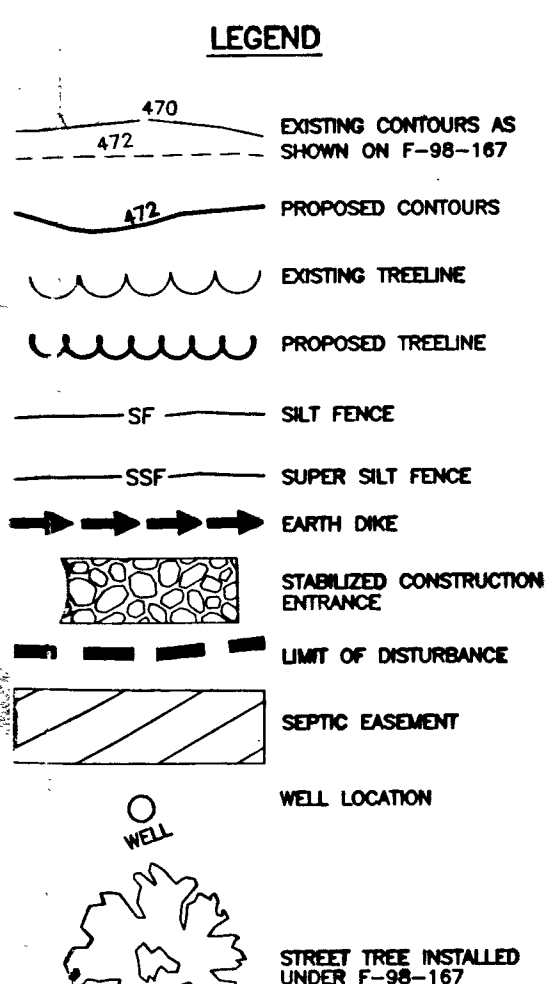
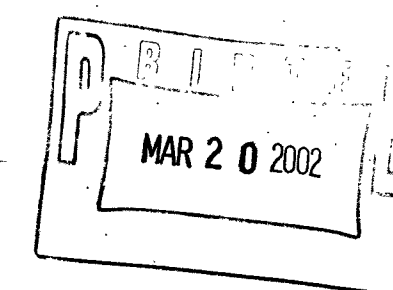
### DRIVEWAY CULVERT NOTES:

- DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT-OF-WAY USING STANDARD PAVING SECTION P-1 AS SHOWN ON MD.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" HOPE OR GREATER TO PREVENT BLOCKING. HOPE 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



Total linear feet of trench required 240 feet

Width of trench(es) 3 feet  
SCALE: 1" = 30'

Depth of trench(es) 4 feet

Depth of stone required below distribution pipe 2 feet

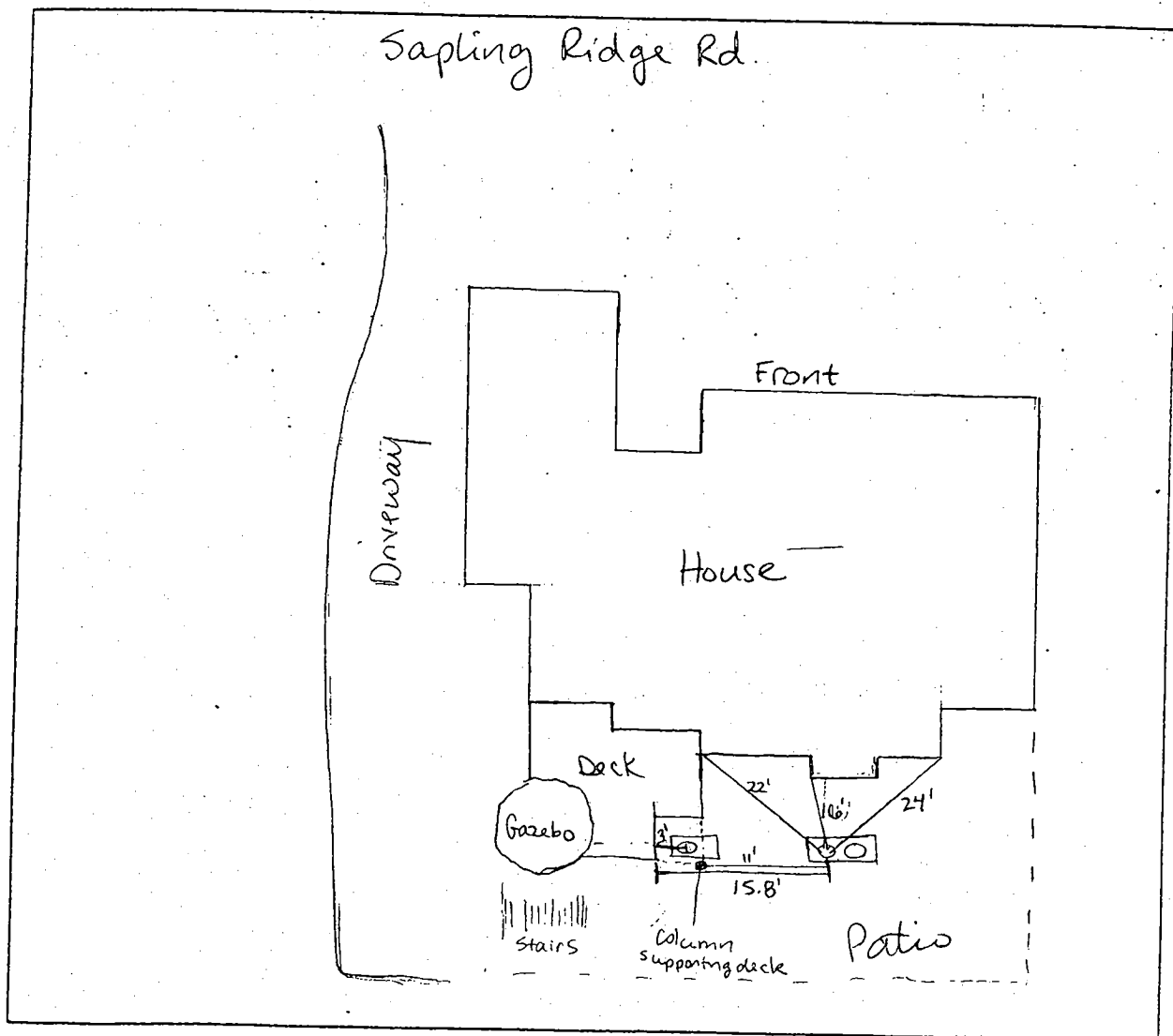
**BENCHMARK**  
ENGINEERS • LAND SURVEYORS • PLANNERS  
**ENGINEERING, INC.**  
6480 BALTIMORE NATIONAL PIKE • SUITE 418  
ELLCOTT CITY, MARYLAND 21043  
PHONE: 410-465-6105 FAX: 410-465-6844  
BUILDER: TOLL BROTHERS, INC.  
7164 COLUMBIA GATEWAY DRIVE  
SUITE 230  
COLUMBIA, MARYLAND 21046  
410-872-9105

PROJECT:	HIGH FOREST ESTATES LOT 22		
LOCATION:	15173 SAPLING RIDGE DRIVE TAX MAP 27, GRID 6 - PARCEL 140,141,142 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
TITLE:	PLOT PLAN		
HOUSE TYPE:	MONROE (federal)		
DATE:	MARCH 19, 2002	PROJECT NO.	1362
SCALE:	AS SHOWN	DRAWING	1 OF 1

## SITE INSPECTION SHEET

OWNER: \_\_\_\_\_ PHONE #: \_\_\_\_\_  
ADDRESS: 15173 Sapling Ridge Dr. CONTRACTOR: \_\_\_\_\_  
SUBDIVISION: \_\_\_\_\_ LOT: \_\_\_\_\_ WELL TAG #: \_\_\_\_\_  
PROPOSAL: Locate septic tanks COUNTY #: \_\_\_\_\_

### LOCATION DIAGRAM



COMMENTS: Septic tanks were located to be beside deck.  
Pump tank is 3' from foundation wall of deck, but does  
lie underneath ~~the~~ a portion of the deck, which is  
approximately 8' above tank.  
DATE: 7/21/05 INSPECTOR: SF

# FILE INQUIRY FORM

Property Address: \_\_\_\_\_

James - 240-538-3729

Hannah

Need site visit +  
locate tanks

Site inspection completed. Septic tank  
identified. Pump tank found to be too  
close to deck. 7/21/05. Talked to James  
Hannah who is contractor for deck and he  
is willing to write a variance for the tank.

7/21/05 (SF)



DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS 3130 COURT HOUSE DRIVE ELLCOTT CITY, MD 21043 PERMITS (410) 313-2455 INSPECTIONS (410) 313-1810 AUTOMATED INFORMATION (410) 313-3800		HOWARD COUNTY PERMIT APPLICATION		PERMIT NUMBER	
Building Address <u>15173 SAPPALING RIDGE DR.</u> <u>DAYTON, MD 21036</u>			Property Owner's Name <u>JEFF KOZERO</u>		
Suite/Apt. #: _____ SDP/WP/Petition #: _____			Address <u>SAME</u>		
Census Tract <u>605101</u> Subdivision <u>HIGH FOREST EST</u>			City _____ State _____ Zip Code _____		
Section _____ Area _____ Lot <u>22</u>			Home Phone <u>301-440-7354</u> Work Phone <u>410-309-6155</u>		
Tax Map <u>27</u> Parcel <u>140</u> Grid _____			Applicant's Name & Mailing Address, (if other than stated hereon):		
Zoning _____ Map Coordinates <u>13D2</u> Lot size <u>1.14 AC.</u>			Phone _____ Fax <u>410-309-6158</u>		
Existing Use <u>SINGLE FAMILY DWELLING</u>			Contractor Company <u>TROY HANNA</u>		
Proposed Use <u>11 LEVEL IRREGULAR DECK</u>			Contact Person <u>JAMES HANNA</u>		
Estimated Construction Cost \$ _____			Address <u>8945 GULFORD RD</u>		
Description of Work <u>EXTEND EXISTING 24'x14' DECK</u> <u>TO 12'x28' W/STAIRS &amp; STORAGE SHED</u> <u>UNDERNEATH.</u>			City <u>COLUMBIA</u> State <u>MD</u> Zip Code <u>21046</u>		
Occupant or Tenant _____			License No. _____		
Contact Name _____			Phone <u>410-309-6155</u> Fax <u>410-309 6158</u>		
Address _____			Engineer or Architect Company _____		
City _____ State _____ Zip Code _____			Contact Person _____		
Phone _____ Fax _____			Address _____		
			City _____ State _____ Zip Code _____		
			Phone _____ Fax _____		

BUILDING DESCRIPTION - <u>COMMERCIAL</u>		BUILDING DESCRIPTION - <u>RESIDENTIAL</u>	
<u>Building Characteristics</u>	<u>Utilities</u>	<u>Building Characteristics</u>	<u>Utilities</u>
Height: _____	Water Supply: _____ Public _____ Private _____	SF Dwelling <input type="checkbox"/> SF Townhouse <input type="checkbox"/> Depth _____ Width _____	Water Supply: _____ Public _____ Private _____
No. of stories: _____	Sewage Disposal: _____ Public _____ Private _____	1st floor: _____	Sewage Disposal: _____ Public _____ Private _____
Gross area, sq. ft. per floor: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/>	2nd floor: _____	Electric Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/>
Use group: _____	Heating System: _____ Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/>	Basement: _____ Finished Basement <input type="checkbox"/> Unfinished Basement <input type="checkbox"/> Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/> No. of Bedrooms: _____ Height: _____ Multi-family dwellings: No. of efficiency units: _____ No. of 1 BR units: _____ No. of 2 BR units: _____ No. of 3 BR units: _____	Heating System: _____ Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/>
Construction type: _____ Reinforced Concrete _____ Structural Steel _____ Masonry _____ Wood Frame _____ State Certified Modular _____	Sprinkler system: N/A <input type="checkbox"/> Full _____ Partial _____ Other Suppression _____ # of Heads _____	Other Structure: <u>STORAGE SHED</u> Dimensions: <u>27'x13'</u> Footings: <u>30" x 24"</u> Roof Height: <u>7'</u> State Certified Modular _____ Manufactured Home _____	Sprinkler system: N/A <input type="checkbox"/> NFPA #13D _____ NFPA #13R _____ Other: _____

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION, (2) THAT THE INFORMATION IS CORRECT, (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO, (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION, (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

[Signature]  
Applicant's Signature

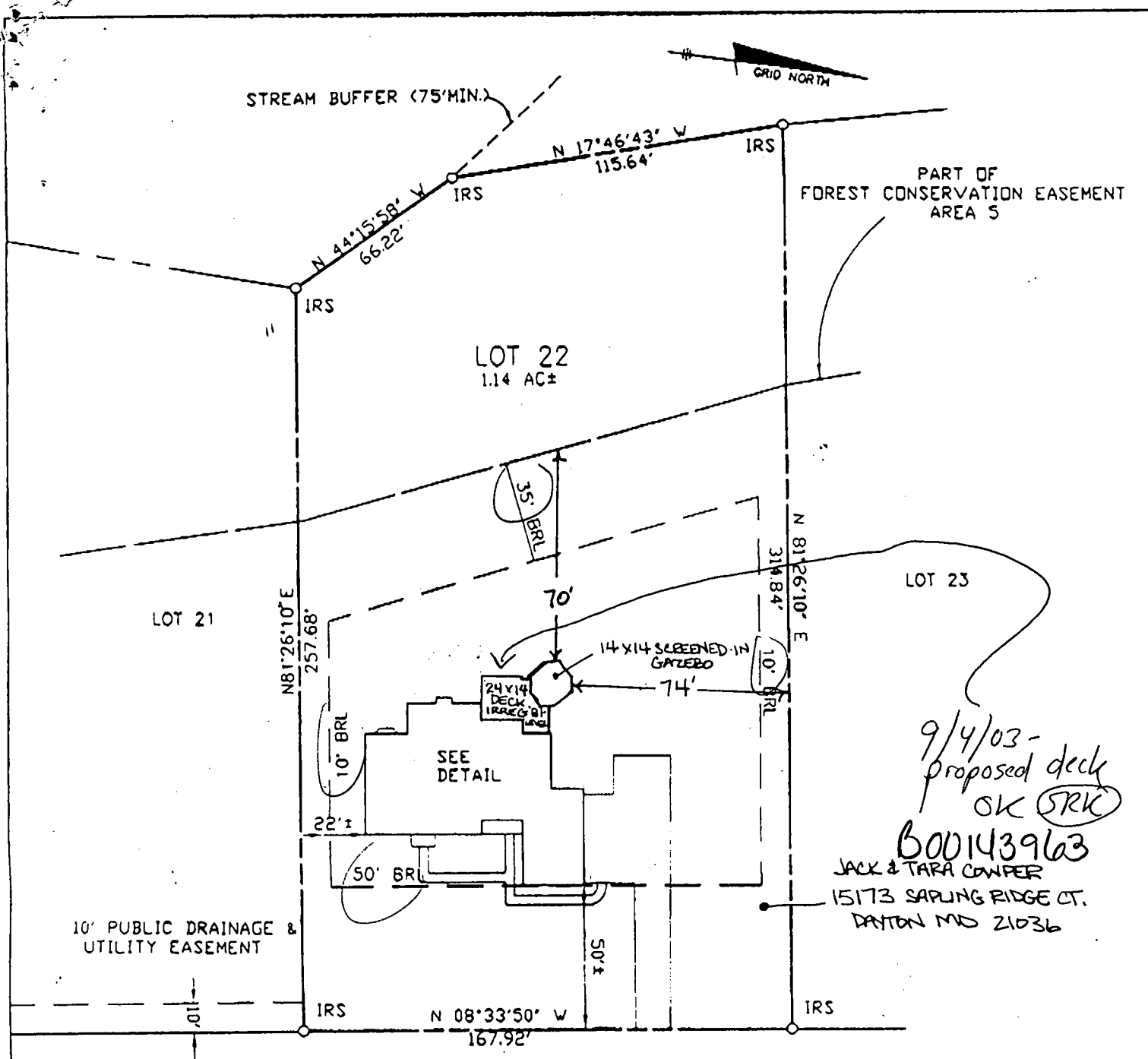
JAMES HANNA  
Print Name

7/20/05  
Date

\_\_\_\_\_  
Title/Company

Checks payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**  
\*\* PLEASE WRITE NEATLY AND LEGIBLY. \*\*

FOR OFFICE USE ONLY			DPZ SETBACK INFORMATION		PROPERTY INFO	
AGENCY	DATE	SIGNATURE APPROVAL	Front	Filing fee		
Land Development, DPZ			Rear	Permit fee		
State Highways			Side	Excise tax		
Building Official			Side St.	Add'l per. fee		
Dev. Engineering, DPZ			All minimum setbacks met?	TOTAL FEES		
Health			YES <input type="checkbox"/> NO <input type="checkbox"/>	Sub-total paid		
Fire Protection			Is Entrance Permit required?	Balance due		
Is Sediment Control approval required prior to issuance?			YES <input type="checkbox"/> NO <input type="checkbox"/>	Check		
YES <input type="checkbox"/> NO <input type="checkbox"/>			Historic District?	Validation		
CONTINGENCY CONSTRUCTION START: <input type="checkbox"/>			YES <input type="checkbox"/> NO <input type="checkbox"/>			
ONE STOP SHOP: <input type="checkbox"/>			Lot Coverage for New Town Zone			
Distribution of Copies: _____	White: Building Official	Green: LDD, DPZ	SDP/Red-line approval date		Accepted by	
T:\forms\PERMIT.FRM			Yellow: DED, DPZ	Pink: Health	Gold: SHA	



9/4/03 -  
proposed deck  
OK SRK

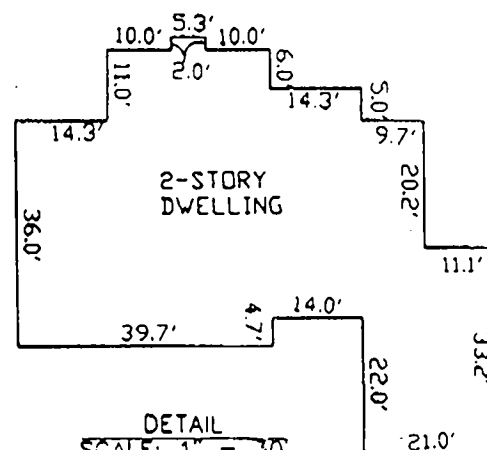
600143963

JACK & TARA COWPER  
15173 SAPLING RIDGE CT.  
DARTON MD 21036

### SAPLING RIDGE COURT (50' R/W)

#### SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF TO JOHN R. COWPER AND TARA R. COWPER THAT THIS SUBURBAN CLASS BOUNDARY SURVEY IS CORRECT. THAT IT IS ALL OF THE LAND CONVEYED BY CHARLES ALAN SHARP, DENISE DOERER SHARP AND HIGHLAND DEVELOPMENT CORPORATION TO SAPLING RIDGE, LLC BY DEED DATED FEBRUARY 25, 1999 AND RECORDED AMONG THE AFOREMENTIONED LAND RECORDS IN LIBER 4661 AT FOLIO 035 AND LIBER 4681 AT FOLIO 023 AS RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND. THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE MINIMUM STANDARDS OF PRACTICE FOR LAND SURVEYS AS IT RELATES TO SUBURBAN BOUNDARY SURVEYS PER COMAR 09.13.06.03 PREPARED WITHOUT BENEFIT OF A TITLE REPORT.



DETAIL  
SCALE: 1" = 30'

REG. No. 0978

RECORD PLAT No. 13961  
FEMA FIRM No. 240044 0025 B  
ZONE: C  
DATED: 12/4/86

BENCHMARK

ENGINEERING, INC.

8400 BETHURST NATIONAL PIKE & SUITE 118  
GILBERT CITY, MARYLAND 21043  
PHONE: 410-668-6108 • FAX: 410-668-6644  
EMAIL: BENCHMARK@BENCHMARK.COM



BOUNDARY SURVEY WITH  
LOCATION DRAWING

HIGH FOREST ESTATES  
LOTS 1 THROUGH 50  
LOT No. 22

15473 SAPLING RIDGE DRIVE

5TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 07/23/03

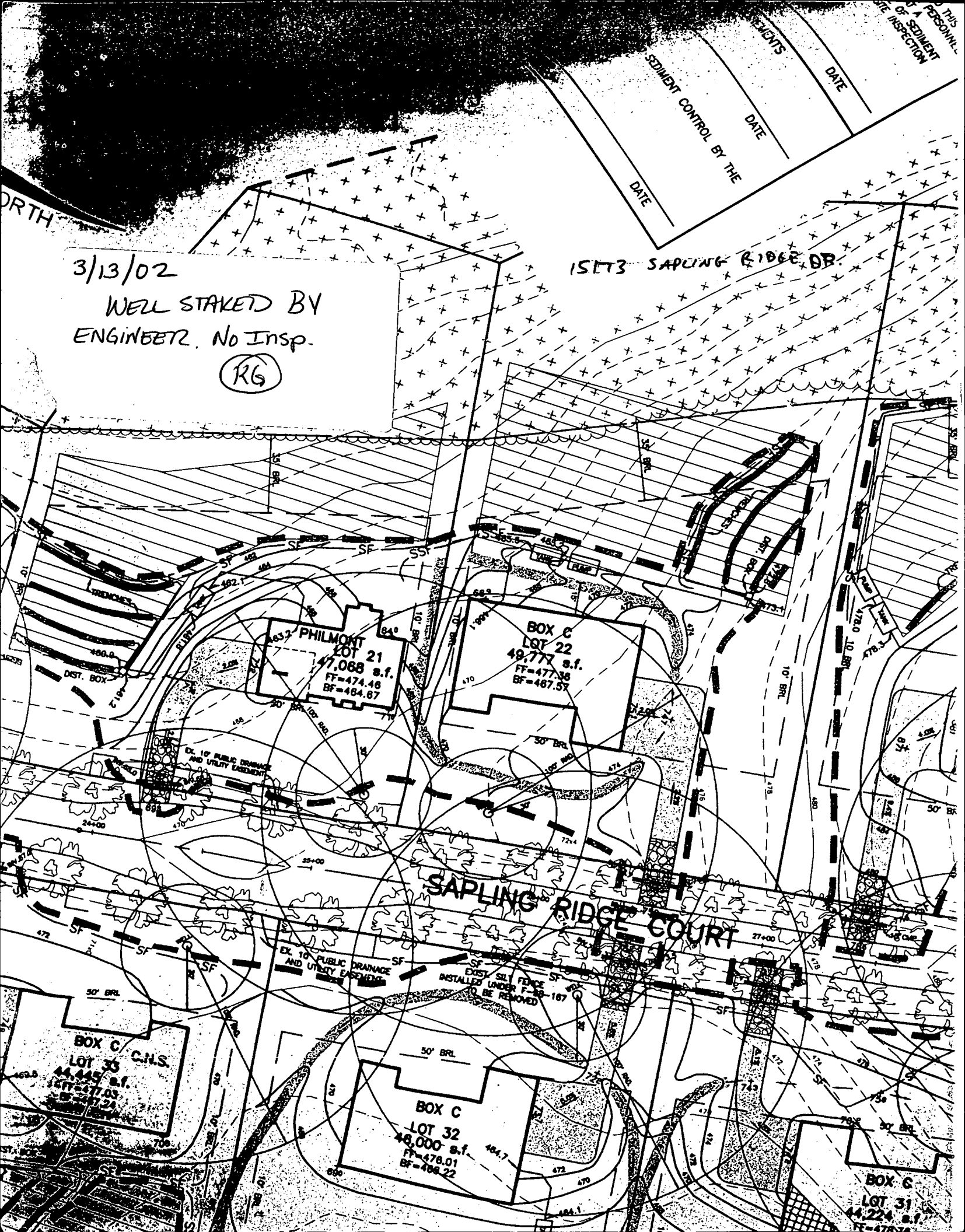


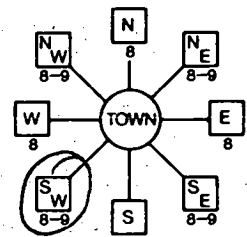
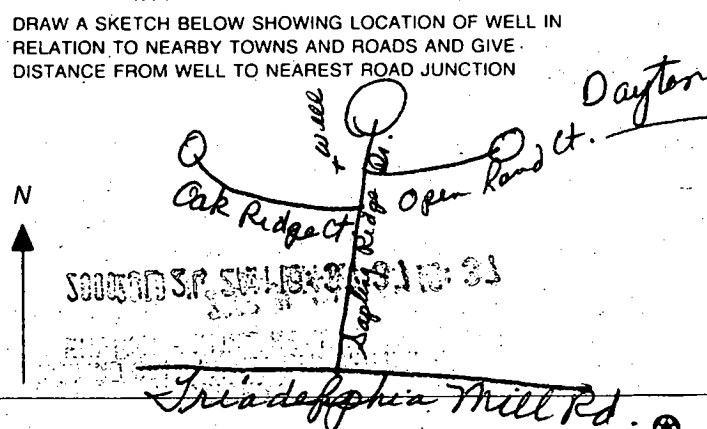


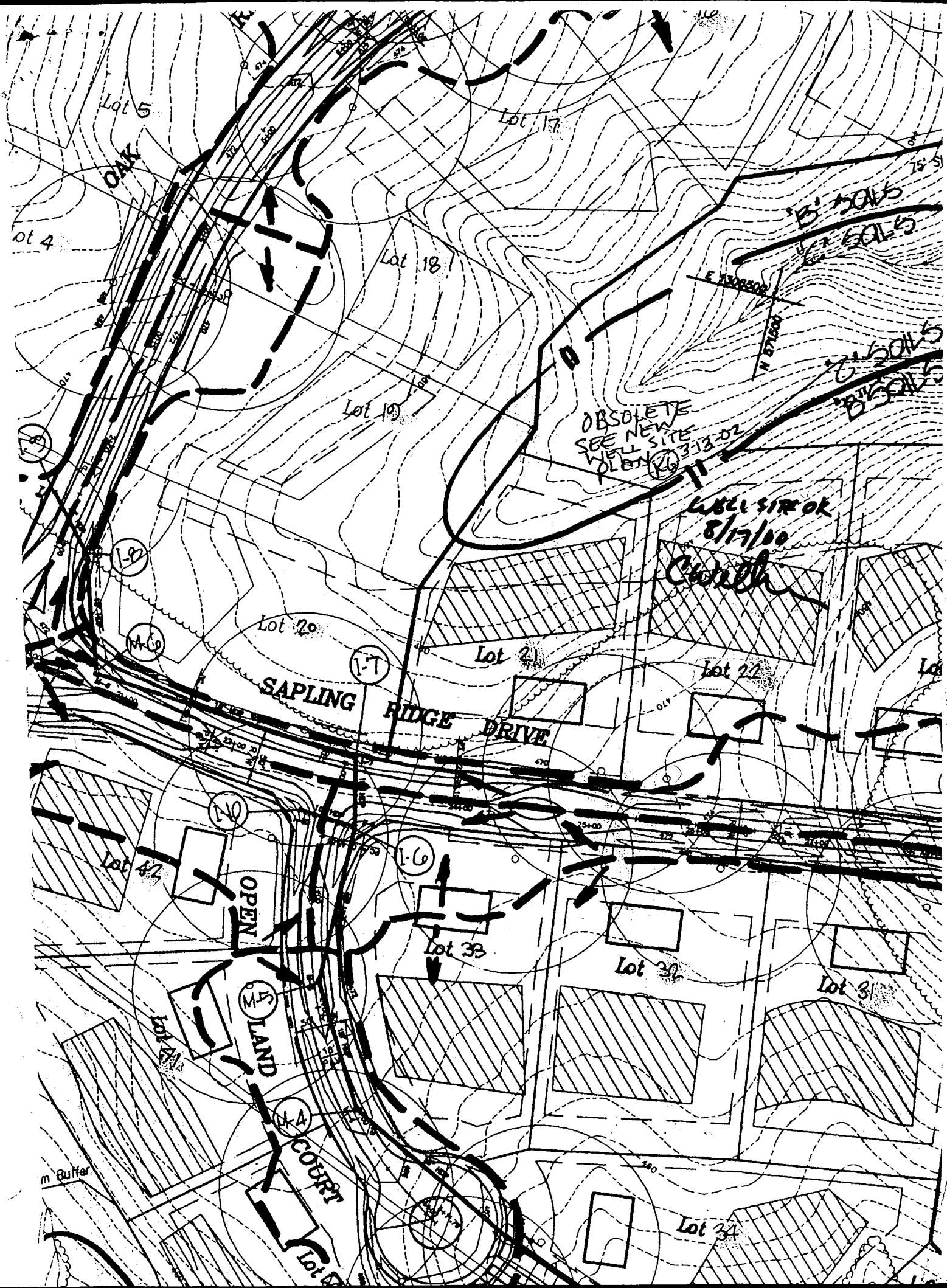
WELL STAKED BY  
ENGINEER. No Insp.

$RG$

15173 SAPLING R1062 DB



B 1 5905 1 2 3 6	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type 513699	STATE PERMIT NUMBER Ho - 94 - 2823 70 fill in this form completely 79
Date Received (APA) 8 MM DD Y 13 15 Last Name Owner First Name 34 36 Sweet or RFD 55 57 Town 70 State 72 Zip 76 57 DRILLER INFORMATION 58 Driller's Name 76 License No. 81 58 Joseph L. Mayne Will Drilling 58 5512 Ridge Rd Mt. Airy Md 21771 Address 58 Joseph L. Mayne 7/4/00 Signature Date		B 3 LOCATION OF WELL 8 COUNTY 21 23 SUBDIVISION 42 SECTION 44 46 LOT 22 48 50 52 NEAREST TOWN Dayton 71 MILES FROM TOWN (enter 0 if in town) 4 1/2 M I 73 76 77 78	
B 2 WELL INFORMATION 1 APPROX. PUMPING RATE (GAL. PER MIN.) 12 14 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 20 14 500		B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 34 20 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 38 20 37 TAX MAP: BLK: PARCEL:	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION <input type="checkbox"/> FARMING LIVESTOCK WATERING & AGRICULTURAL IRRIGATION 22 <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING <input type="checkbox"/> PUBLIC WATER SUPPLY WELL <input type="checkbox"/> TEST, OBSERVATION, MONITORING <input type="checkbox"/> GEO-THERMAL		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard 13 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S 41 DATE ISSUED 08/17/00 C. Will 8/16/01 43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID 510 000 55 EAST GRID 0790 000 63	
APPROXIMATE DEPTH OF WELL 300 FEET 24 28 APPROXIMATE DIAMETER OF WELL 6 INCH 30 37 METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTARY DRIVE-POINT other		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 	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> THIS WELL WILL DEEPEEN 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. Ho - 94 - 2823 70 71 72 73 74 75 76 77 78 79	
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED			



OFFICE

RECEIVED  
HOWARD COUNTY HEALTH DEPT.  
ENVIRONMENTAL HEALTH  
2000 JUL 24 AM 10:37

RECEIVED  
ENVIRONMENTAL HEALTH  
2001 AUG 10 PM 1:11

# 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

A 57577

COUNTY #

SOIL PROFILE

0'

41A

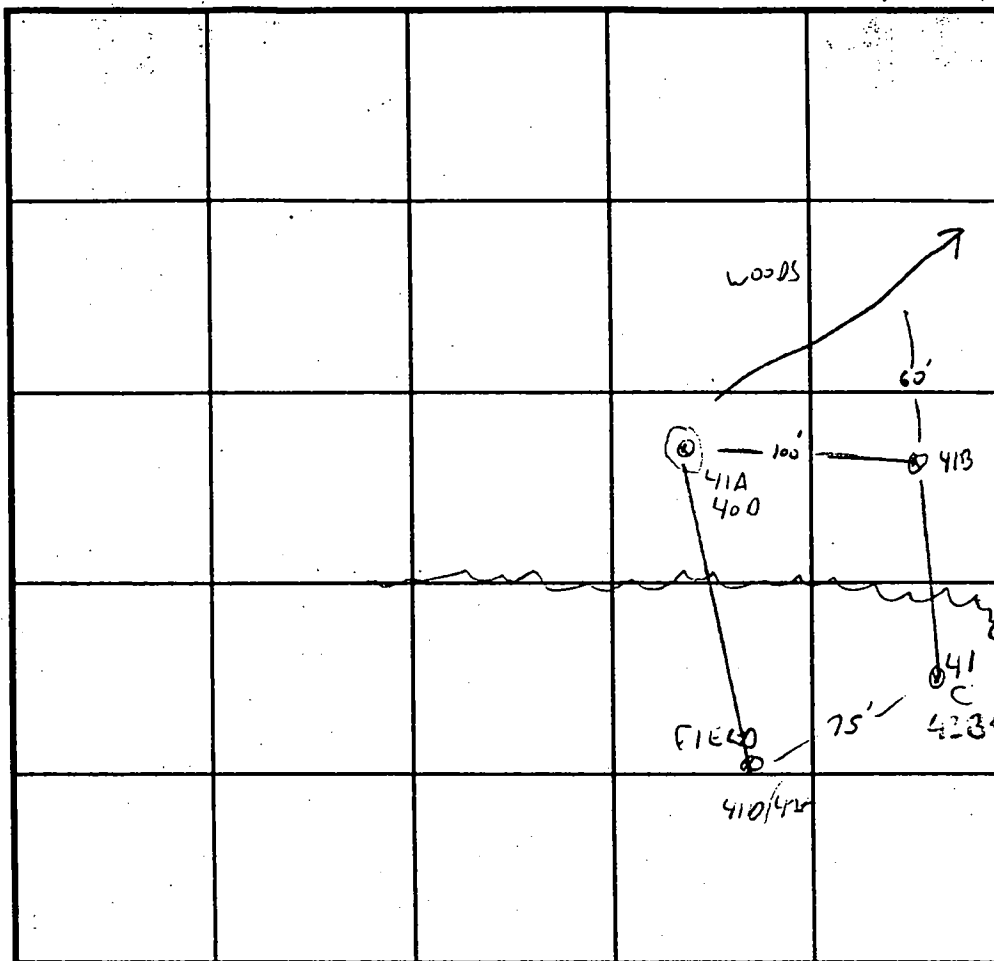
TOPSOIL

ORANGE  
SANDY  
CLAY

TAN S.S.C.

CONCRETE  
ORANGE  
MORTAR  
DAMAGE

11



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0'

TOPSOIL  
ORANGE  
SANDY  
CLAY

TAN

SANDY  
LOAM

15% ROCK

41B  
41A

12

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-21-96	41B	2.5 / 12V	SEA	LOT 412			5 MW
		6.5 / 12V					3 MW
	41A/40	3.5 / 11V	11:36	11:40	11:40	11:46	6 MW
	41D/42A	3 / 12.5 V	11:50	11:51	11:51	11:53	2 MW

REMARKS LOT 41, WET SEASON TEST # 41A, NOT PER PLAN, SHALLOW SYSTEM

TYPE OF SOIL

TESTED BY G. SAVAGE

ALSO PRESENT C. SHARRO

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

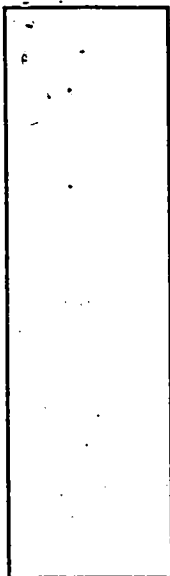
+



A57577

COUNTY #

SOIL PROFILE


 TOPSOIL  
 BROWN  
 SANDY  
 CLAY LOAM

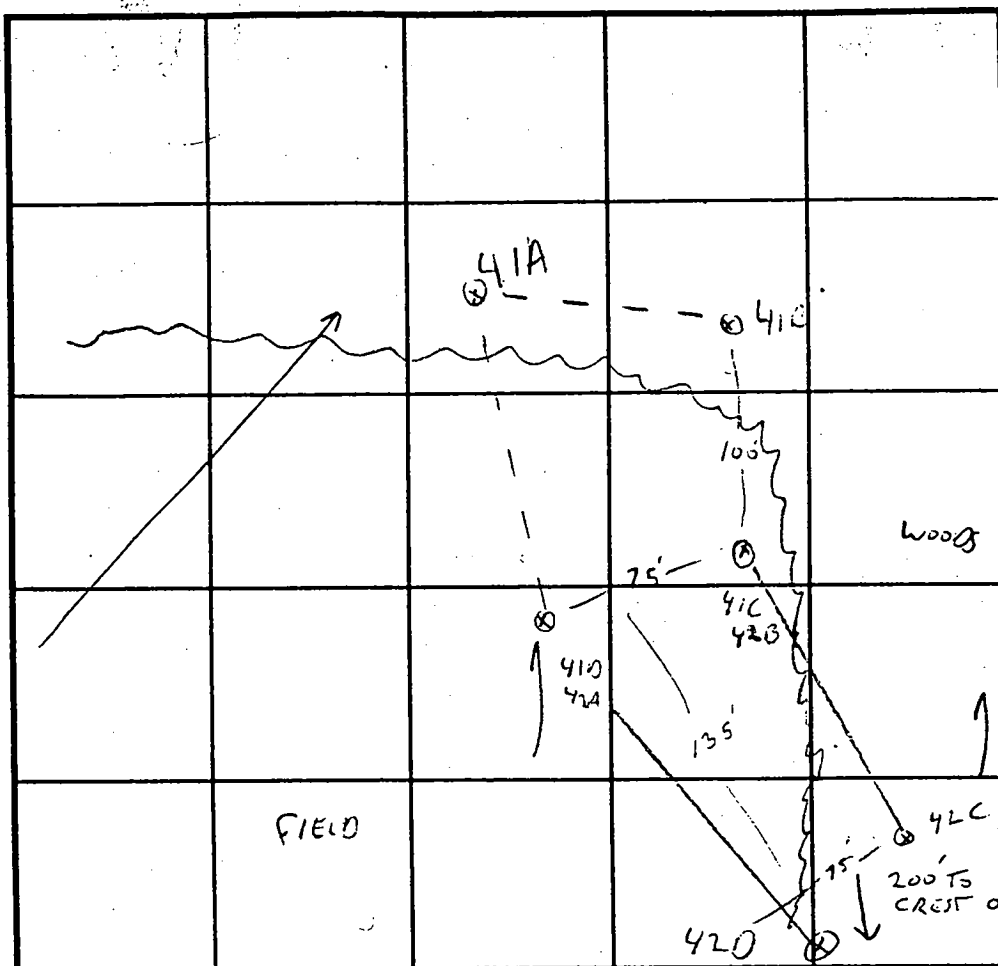
 TAN  
 S.S.L.

 358  
 ROCK

SOIL PROFILE

TOPSOIL

 BROWN  
 CLAY  
 LOAM

 TAN  
 SANDY  
 LOAM  
 158  
 ROCK


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/21/96	42B/41C	3 / 12.5	11:17	11:19	11:19	11:22	3 MIN
		6.5	11:17	11:19	11:19	11:22	3 MIN
	41B	2.5 / 12V	11:25	11:28	11:28	11:33	5 MIN
		6.5 12V	11:25	11:27	11:27	11:30	3 MIN
	42A	3 / 12.5	11:50	11:51	11:51	11:53	2 MIN
	420	4.5 / 12	12:56	12:39	12:39	12:46	7 MIN
	42C	3 / 12	12:04	12:08	12:08	12:14	6 MIN

REMARKS LOT 42 NOT PER PLAN

TYPE OF SOIL

TESTED BY G. SAUSAGE

ALSO PRESENT C SHARP

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

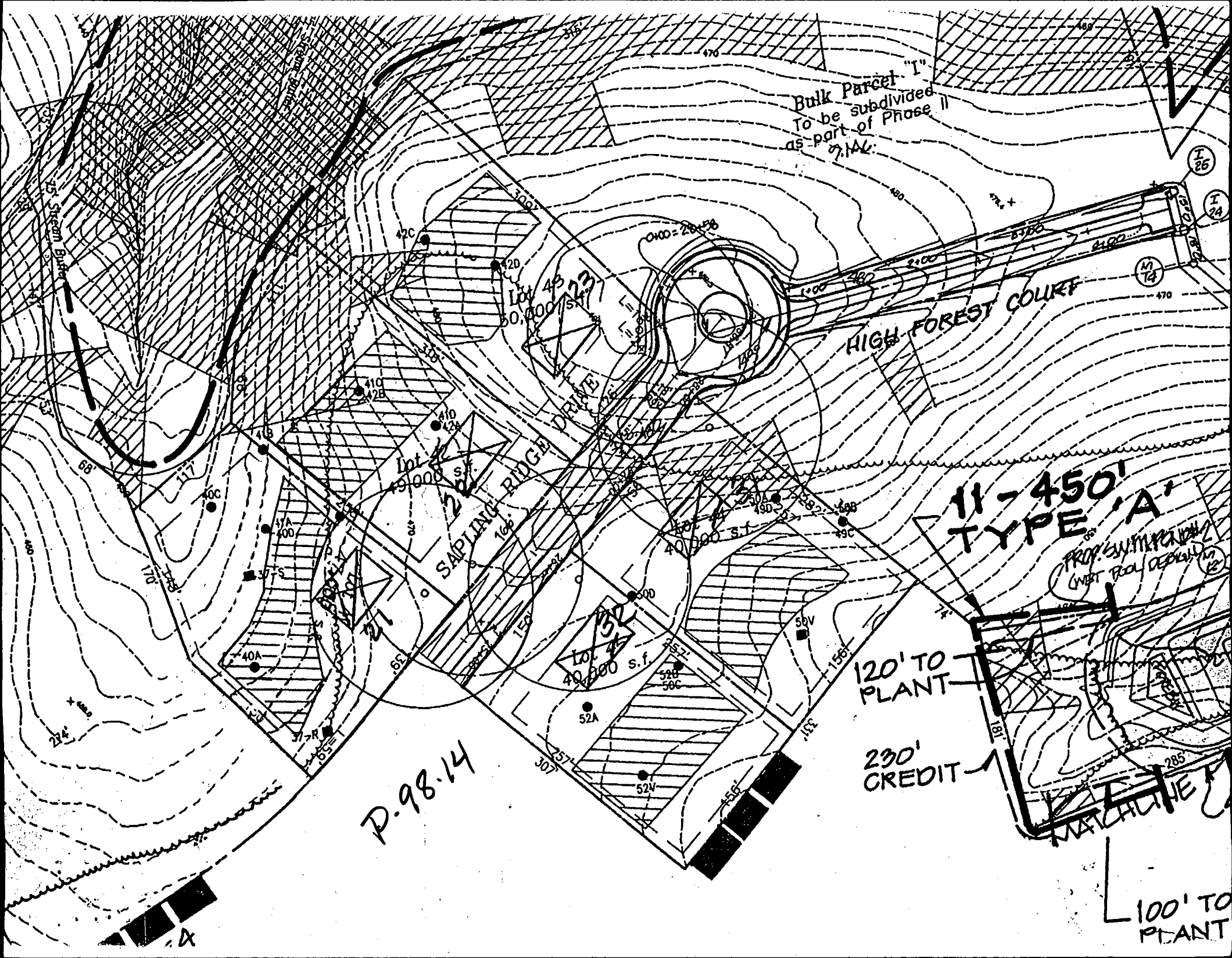
TRENCH WIDTH

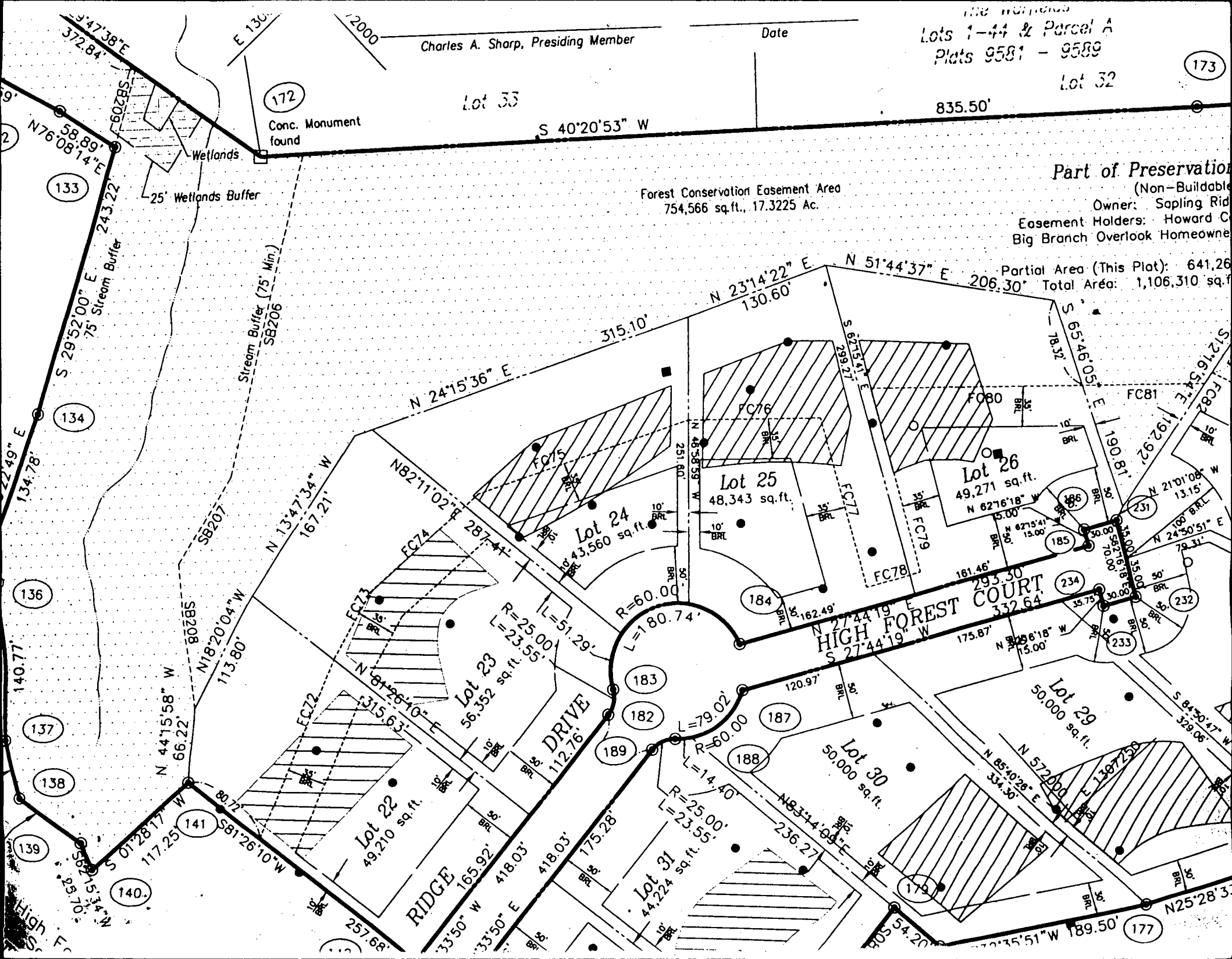
INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

X





Charles A. Sharp, Presiding Member

Date

Lots 1-44 & Parcel A  
Plats 9581 - 9589

Lot 32

173

Part of Preservation

(Non-Buildable)

Owner: Sapling Ridge

Easement Holders: Howard C.

Big Branch Overlook Homeowners

Partial Area (This Plat): 641,26

Total Area: 1,106,310 sq. ft.

Forest Conservation Easement Area  
754,566 sq. ft., 17.3225 Ac.

Lot 33

S 40°20'53" W

835.50'

172

Conc. Monument found

Wetlands

25' Wetlands Buffer

Stream Buffer (75' Min.)  
SB206

Forest Conservation Easement Area  
754,566 sq. ft., 17.3225 Ac.

N 23°14'22" E  
130.60'

N 51°44'37" E

206.30'

S 65°46'05" E

190.81'

S 12°16'54" E

192.92'

N 21°01'08" W

13.15'

N 24°50'51" E

79.31'

S 84°50'47" W

329.06'

S 12°16'54" E

192.92'

N 21°01'08" W

13.15'

N 24°50'51" E

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79.31'

S 84°50'47" W

329.06'

S 12°16'54" E

192.92'

N 21°01'08" W

13.15'

Handwritten notes and stamps:

- 7/3/01
- Adjustment to SDA OK
- AS shown
- OK


BOX C  
150' x 22'  
19/77 S.I.  
T=471.28  
B=467.51

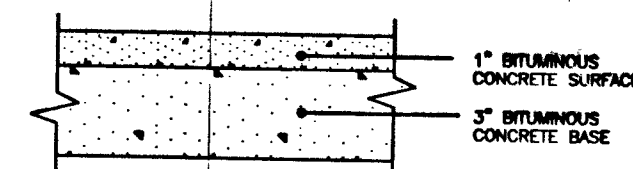
PHILMONT  
21  
77,088 S.I.  
T=474.48  
B=464.67

BY WELL STAKED  
ENGINEER  
NO CLASS

SAPLING RIDGE COURT

# NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 13961, REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
2.  THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET 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 AND MODIFIED FOR THIS SPECIFIC HOUSE.
4. EXACT LENGTH OF SEPTIC TRENCHES ARE 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.



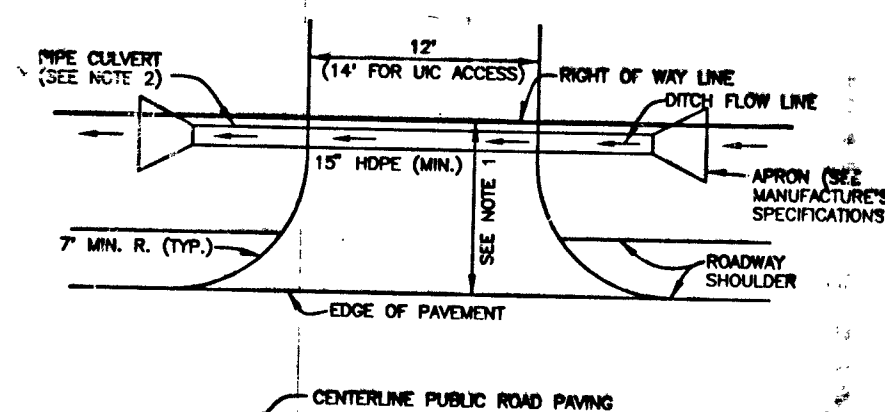
FULL DEPTH BIT. CONC. ALTERNATIVE

## P-1 PAVING DETAIL

NOT TO SCALE

### DRIVEWAY CULVERT NOTES:

1. DRIVEWAY MUST BE FAVED FROM EDGE OF PUBLIC ROAD TO RIGHT-OF-WAY USING STANDARD PAVING SECTION P-1 AS SHOWN ON MD.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. HOPE 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 CREST OF A VERTICAL CURVE ON THE PUBLIC ROAD WHERE QUANTITY OF FLOW IS SMALL AS APPROVED BY D.P.W.
5. THE IN GRADE OF DRIVEWAY SHALL NOT EXCEED 14%.



## DRIVEWAY CULVERT

NOT TO SCALE

### LEGEND

- 470 EXISTING CONTOURS AS SHOWN ON F-98-187
- 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-98-187

Approved Septic System Plan  
Howard County Health Department

PLAN: total linear feet of trench required 240 feet  
SCALE: 1" = 30'

Width of trench(es) 3 feet

Depth of trench(es) 4 feet

Depth of stone required below distribution pipe 2 feet

## BENCHMARK

ENGINEERS • LAND SURVEYORS • PLANNERS

ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE • SUITE 418

ELLCOTT CITY, MARYLAND 21043

PHONE: 410-485-6105

FAX: 410-485-6644

BUILDER:

TOLL BROTHERS, INC.

7164 COLUMBIA GATEWAY DRIVE

SUITE 230

COLUMBIA, MARYLAND 21046

410-872-9105

PROJECT:

HIGH FOREST ESTATES  
LOT 22

LOCATION:

15173 SAPLING RIDGE DRIVE  
TAX MAP 27, GRID 6 - PARCEL 140,141,142  
5th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

TITLE:

PLOT PLAN

HOUSE TYPE:

COVENTRY (New England)

DATE:

SEPTEMBER 12, 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)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: 580 Dyrecht Rd  
Stylesville Md 21154

(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# MS12009

\*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 #: 71/22 Well Tag #: HO-94-3358  
Site Address: 15173 Sapling Ridge Dr

<b>Submersible Pump Data</b>	<b>Pitless Adapter</b>	<b>Well Cap and Electric Conduit</b>
Make: <u>Golds</u>	Make: <u>Campbell</u>	Two piece watertight cap: <u>yes</u>
Model #: <u>75007</u>	Model#: <u>N/A</u>	Screened, vented well cap: <u>yes</u>
Pump Capacity: <u>7</u> GPM	Depth: <u>36</u> (36" min)	Cap secured to casing: <u>yes</u>
Well Yield: _____ GPM	NSF approved: <u>yes</u>	Conduit min 18" B.G.: <u>yes</u>
Depth of well encountered at time of pump installation: <u>300</u> (feet)		Conduit secured to well cap: <u>yes</u>

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**

Type: 1" Black Plastic  
PSI: 160 (160 psi min)  
Depth of supply line: 42 (36" min)

**House Connection**

PVC sleeved to undisturbed soil at wall penetration: yes  
Approximate length of sleeve: 5'  
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.

Signature of company representative responsible for installation \_\_\_\_\_

date

5-6-03

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

Date Insp. Requested: 3/31/03

Date Insp. Approved: 4/2/03

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

(50) SRK  
\_\_\_\_\_  
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<div style="display: flex; align-items: center;"><div style="border: 1px solid black; padding: 2px; margin-right: 5px;">C1</div><div style="border: 1px solid black; padding: 2px; font-size: 1.2em;">14445</div></div>		SEQUENCE NO. (MDE USE ONLY)		<b>STATE OF MARYLAND</b> <b>WELL COMPLETION REPORT</b> FILL IN THIS FORM COMPLETELY PLEASE TYPE				THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.																																							
								COUNTY <u>13</u> <u>56600u</u> NUMBER																																							
ST/CO USE ONLY DATE Received MM DD YY 8 . 13		DATE WELL COMPLETED MM DD YY <u>4</u> <u>19</u> <u>82</u>				Depth of Well 22 <u>300</u> 26 <u>6/18/02</u> (TO NEAREST FOOT)				PERMIT NO. FROM "PERMIT TO DRILL WELL" <u>H0-94-3358</u>																																					
OWNER <u>TOLL Brothers</u> <u>Toll Brothers</u>																																															
STREET OR RFD <u>Sapling Ridge Dr.</u> TOWN <u>Glenn</u>																																															
SUBDIVISION <u>HIGH FOREST ESTATES</u> SECTION <u>    </u> LOT <u>22</u>																																															
<div style="display: flex;"><div style="flex: 1;"><div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">WELL LOG</div><div style="font-size: 0.8em;">Not required for driven wells</div><div style="font-size: 0.7em;">STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING</div><table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th rowspan="2">DESCRIPTION (Use additional sheets if needed)</th><th colspan="2">FEET</th><th rowspan="2">check if water bearing</th></tr><tr><th>FROM</th><th>TO</th></tr></thead><tbody><tr><td>Brown-mica shale</td><td>0</td><td>55</td><td></td></tr><tr><td>Gray Limestone</td><td>55</td><td>75</td><td></td></tr><tr><td>Brown</td><td>75</td><td>76</td><td>✓</td></tr><tr><td>Gray Limestone</td><td>76</td><td>260</td><td></td></tr><tr><td>White</td><td>260</td><td>261</td><td>✓</td></tr><tr><td>Limestone</td><td>261</td><td>300</td><td></td></tr></tbody></table></div><div style="flex: 1;"><div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">GROUTING RECORD</div><div style="font-size: 0.8em;">WELL HAS BEEN GROUTED (Circle Appropriate Box) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</div><div style="font-size: 0.7em;">TYPE OF GROUTING MATERIAL (Circle one) CEMENT <input checked="" type="checkbox"/> BENTONITE CLAY <input type="checkbox"/> NO. OF BAGS <u>45</u> <u>19</u> NO. OF POUNDS <u>45</u> <u>1786</u> GALLONS OF WATER <u>114</u> DEPTH OF GROUT SEAL (to nearest foot) from <u>0</u> ft. to <u>56</u> ft. (enter 0 if from surface)</div><div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">CASING RECORD</div><div style="font-size: 0.7em;">casing types insert appropriate code below <div style="display: flex; justify-content: space-around;"><div style="border: 1px solid black; padding: 2px; text-align: center;">ST STEEL</div><div style="border: 1px solid black; padding: 2px; text-align: center;">CO CONCRETE</div></div><div style="display: flex; justify-content: space-around;"><div style="border: 1px solid black; padding: 2px; text-align: center;">PL PLASTIC</div><div style="border: 1px solid black; padding: 2px; text-align: center;">OT OTHER</div></div></div><div style="font-size: 0.7em;">MAIN CASING TYPE <u>ST</u> Nominal diameter top (main) casing (nearest inch) <u>06</u> Total depth of main casing (nearest foot) <u>60</u> 60 61 63 64 66 70</div><div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">OTHER CASING (if used)</div><div style="font-size: 0.7em;">EACH CASING diameter inch depth (feet) from to</div><div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">SCREEN RECORD</div><div style="font-size: 0.7em;">screen type or open hole insert appropriate code below <div style="display: flex; justify-content: space-around;"><div style="border: 1px solid black; padding: 2px; text-align: center;">ST STEEL</div><div style="border: 1px solid black; padding: 2px; text-align: center;">BR BRASS</div><div style="border: 1px solid black; padding: 2px; text-align: center;">HO OPEN HOLE</div></div><div style="display: flex; justify-content: space-around;"><div style="border: 1px solid black; padding: 2px; text-align: center;">PL PLASTIC</div><div style="border: 1px solid black; padding: 2px; text-align: center;">OT OTHER</div></div></div></div><div style="flex: 1;"><div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">PUMPING TEST</div><div style="font-size: 0.7em;">HOURS PUMPED (nearest hour) <u>03</u> 8 9 PUMPING RATE (gal. per min.) <u>9</u> 11 15 METHOD USED TO MEASURE PUMPING RATE <u>1gal</u> WATER LEVEL (distance from land surface) BEFORE PUMPING <u>33</u> ft. 17 20 WHEN PUMPING <u>67</u> ft. 22 25 TYPE OF PUMP USED (for test) <div style="display: flex; justify-content: space-around;"><div style="border: 1px solid black; padding: 2px; text-align: center;">A air</div><div style="border: 1px solid black; padding: 2px; text-align: center;">P piston</div><div style="border: 1px solid black; padding: 2px; text-align: center;">T turbine</div></div><div style="display: flex; justify-content: space-around;"><div style="border: 1px solid black; padding: 2px; text-align: center;">C centrifugal</div><div style="border: 1px solid black; padding: 2px; text-align: center;">R rotary</div><div style="border: 1px solid black; padding: 2px; text-align: center;">O other (describe below)</div></div><div style="display: flex; justify-content: space-around;"><div style="border: 1px solid black; padding: 2px; text-align: center;">J jet</div><div style="border: 1px solid black; padding: 2px; text-align: center;">S submersible</div></div></div><div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">PUMP INSTALLED</div><div style="font-size: 0.7em;">DRILLER INSTALLED PUMP (CIRCLE) (YES OR NO) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> 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. <u>29</u> CAPACITY: GALLONS PER MINUTE (to nearest gallon) <u>    </u> 31 <u>    </u> 35 PUMP HORSE POWER <u>    </u> 37 <u>    </u> 41 PUMP COLUMN LENGTH (nearest ft.) <u>    </u> 43 <u>    </u> 47 CASING HEIGHT (circle appropriate box and enter casing height) <div style="display: flex; align-items: center;"><div style="border: 1px solid black; padding: 2px; margin-right: 5px;"><input checked="" type="checkbox"/> above</div><div style="margin-right: 5px;">}</div><div style="margin-right: 5px;">LAND SURFACE</div><div style="border: 1px solid black; padding: 2px; margin-right: 5px;"><input type="checkbox"/> below</div><div style="margin-right: 5px;">}</div><div style="margin-right: 5px;">02 (nearest foot)</div><div style="margin-right: 5px;">50 51</div></div></div><div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">LOCATION OF WELL ON LOT</div><div style="font-size: 0.7em;">SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL) <div style="display: flex; align-items: center;"><div style="margin-right: 10px;">A N D</div><div style="font-size: 1.5em;">NO Survey stakes</div></div></div></div></div>																		DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing	FROM	TO	Brown-mica shale	0	55		Gray Limestone	55	75		Brown	75	76	✓	Gray Limestone	76	260		White	260	261	✓	Limestone	261	300	
DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing																																												
	FROM	TO																																													
Brown-mica shale	0	55																																													
Gray Limestone	55	75																																													
Brown	75	76	✓																																												
Gray Limestone	76	260																																													
White	260	261	✓																																												
Limestone	261	300																																													

C2

DEPTH (nearest ft.)  
1 40 60 300  
8 9 11 15 17 21  
23 24 26 30 32 36  
38 39 41 45 47 51  
SLOT SIZE 1      2      3       
DIAMETER OF SCREEN (NEAREST INCH)  
56 60  
from toGRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 68MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)  
T      (E.R.O.S.) W Q       
70 72 74 75 76  
TELESCOPE CASING LOG INDICATOR OTHER DATANUMBER OF UNSUCCESSFUL WELLS: 0WELL HYDROFRACTURED ☒ YES ☐ NOCIRCLE 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. M SD 009  
Ally Compton  
DRILLERS SIGNATURE  
(MUST MATCH SIGNATURE ON APPLICATION)LIC. NO.      D     

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

B 1	9760	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL Please print or type	STATE PERMIT NUMBER <b>H0-94-3358</b> <small>fill in this form completely</small>
Date Received (APA) <b>02/28/02</b>		OWNER INFORMATION		
8 MM DD YY 13		15 Last Name <b>Toll Brothers</b> Owner First Name 34		
36 Street or RFD <b>14203 Howard Rd</b>		55		
57 Town <b>Dayton</b> 70 State <b>MD</b> 72 Zip <b>21036</b> 76				
DRILLER INFORMATION				
Driller's Name <b>Allen Compton</b> 76 License No. <b>MSD 009</b> 81		Firm Name <b>Eagles Well Drilling</b>		
Address <b>580 Obrecht Rd</b>		Signature <b>Allen Compton</b> 2-27-02 Date		
B 2 WELL INFORMATION				
1 2		APPROX. PUMPING RATE (GAL. PER MIN.) <b>5</b> 8 12		
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <b>500</b> 14 20				
USE FOR WATER (CIRCLE APPROPRIATE BOX)				
<input checked="" type="checkbox"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING <input type="checkbox"/> PUBLIC WATER SUPPLY WELL <input type="checkbox"/> TEST, OBSERVATION, MONITORING <input type="checkbox"/> GEO-THERMAL				
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL				
COUNTY NAME <b>Howard</b> 13 COUNTY NO. <b>56600 U</b> STATE SIGNATURE _____ INSERT S → 41 DATE ISSUED <b>3/4/02</b> <b>Karen Greedy</b> 3/4/03 43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID <b>509 000</b> EAST GRID <b>795000</b> 50 55 57 63				
APPROXIMATE DEPTH OF WELL <b>300</b> FEET 24 28		NEAREST TOWN <b>Howard</b>		
APPROXIMATE DIAMETER OF WELL <b>6</b> INCH				
METHOD OF DRILLING (circle one)				
BORED (or Augered) JETTED Jetted & DRIVEN <input checked="" type="checkbox"/> AIR-ROTARY <input type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/> CABLE <input type="checkbox"/> REVERSE-ROTARY <input type="checkbox"/> Drive-POINT other _____				
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)				
<input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> THIS WELL WILL DEEPEMED 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. <b>H0-94-3358</b> 70 71 72 73 74 75 76 77 78 79				
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.				

OK RJW  
7/25/05

The Bureau of Environmental Health  
7178 Columbia Gateway Drive  
Columbia, MD 21046  
Attn: Mr. Bob Weber

RE: Jeffrey B. Kozero  
15173 Sappling Ridge Drive  
Dayton, MD 21036  
Variance Request

Dear Mr. Weber

In reference to the above property, I would like to request variance to allow a reduction in the required setback of 10' to 3' from the deck to the septic pump as shown on the attached plan and photos. The existing deck was completed in 2003, which has caused a severe erosion problem. Since that time we have upgraded the existing structure, solving the erosion problem but also created the setback problem with the septic pump, which I was not aware of until informed by Sarah of your office. I was filing for an as-built building permit and when I came to get the approval from the health department Pete requested a site visit to confirm field condition prior to his approval. Please feel free to contact me with any questions @ 240-538-3729.

Sincerely



James Hanna

8945 GUILFORD RD SUITE 100  
COLUMBIA MD 21046

EX. DECK  
PROP. DECK (COMPLETED)

APPROVED  
WALK-THRU BUILDING PERMIT

BP# 7600-AA  
DATE: 7/2/15

EXISTING FOREST  
CONSERVATION EASEMENT  
DESC. OF WORK: 10.6

LOT 22  
49,777 s.f.

SEWAGE DISPOSAL AREA  
10,742 S.F. REMAINING

EX TANK

EX PUMP

EX PATIO

SEPTIC AREA LOST  
218 S.F.

4" EXPANDED  
FAMILY ROOM

INV. 486.1

PALLADIAN  
KITCHEN

COVENTRY  
NEW ENGLAND  
FF=477.36  
BF=467.57

3 RISERS

3-CAR  
SIDE LOAD  
GARAGE

50' BRL

100' RAD.

10' BRL

10' BRL

10' BRL

UMBIA  
IT 21  
168 s.f.  
=474.46  
=464.67

50' BRL

50' BRL

50' BRL

50' BRL

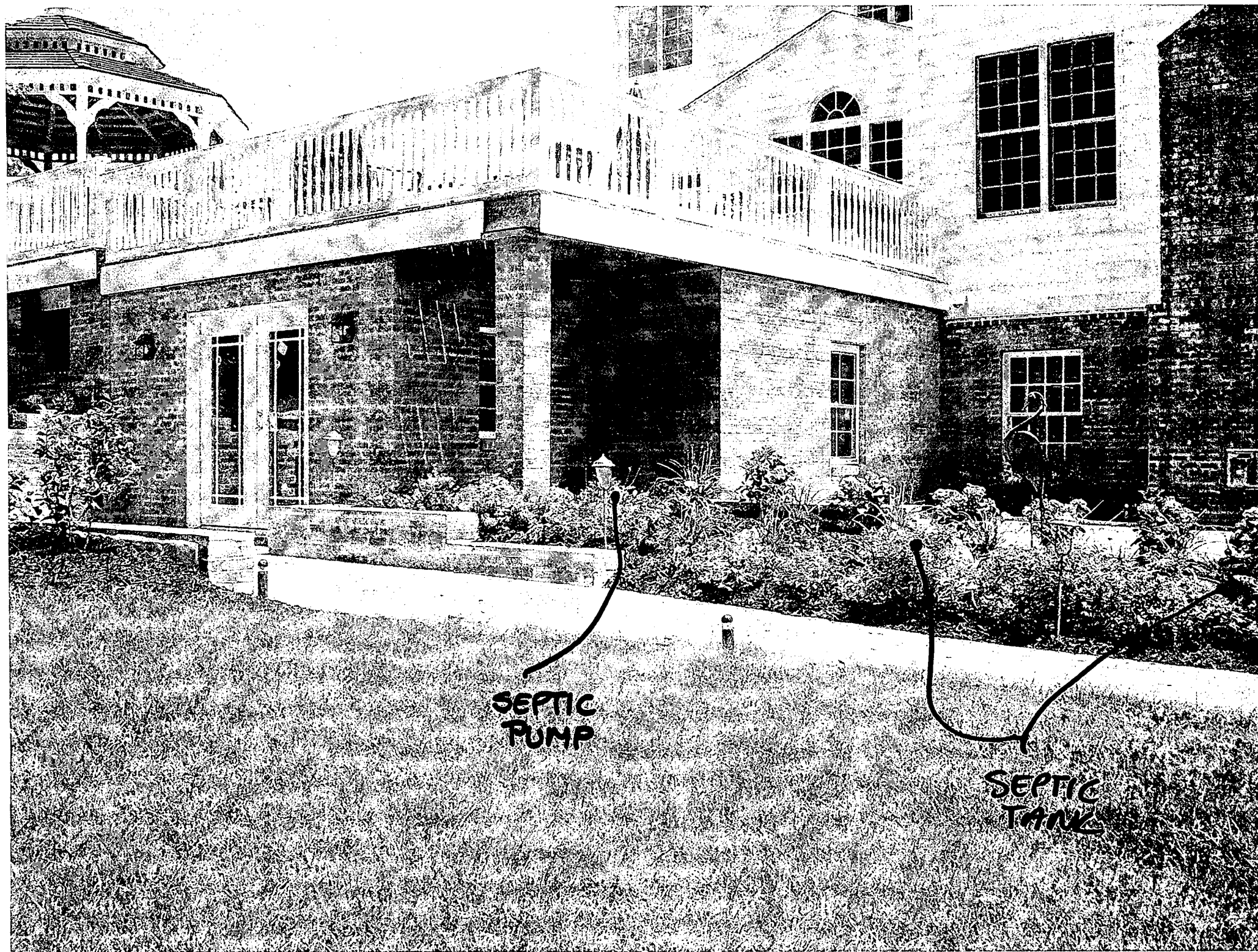
50' BRL

50' BRL

50' BRL

50' BRL

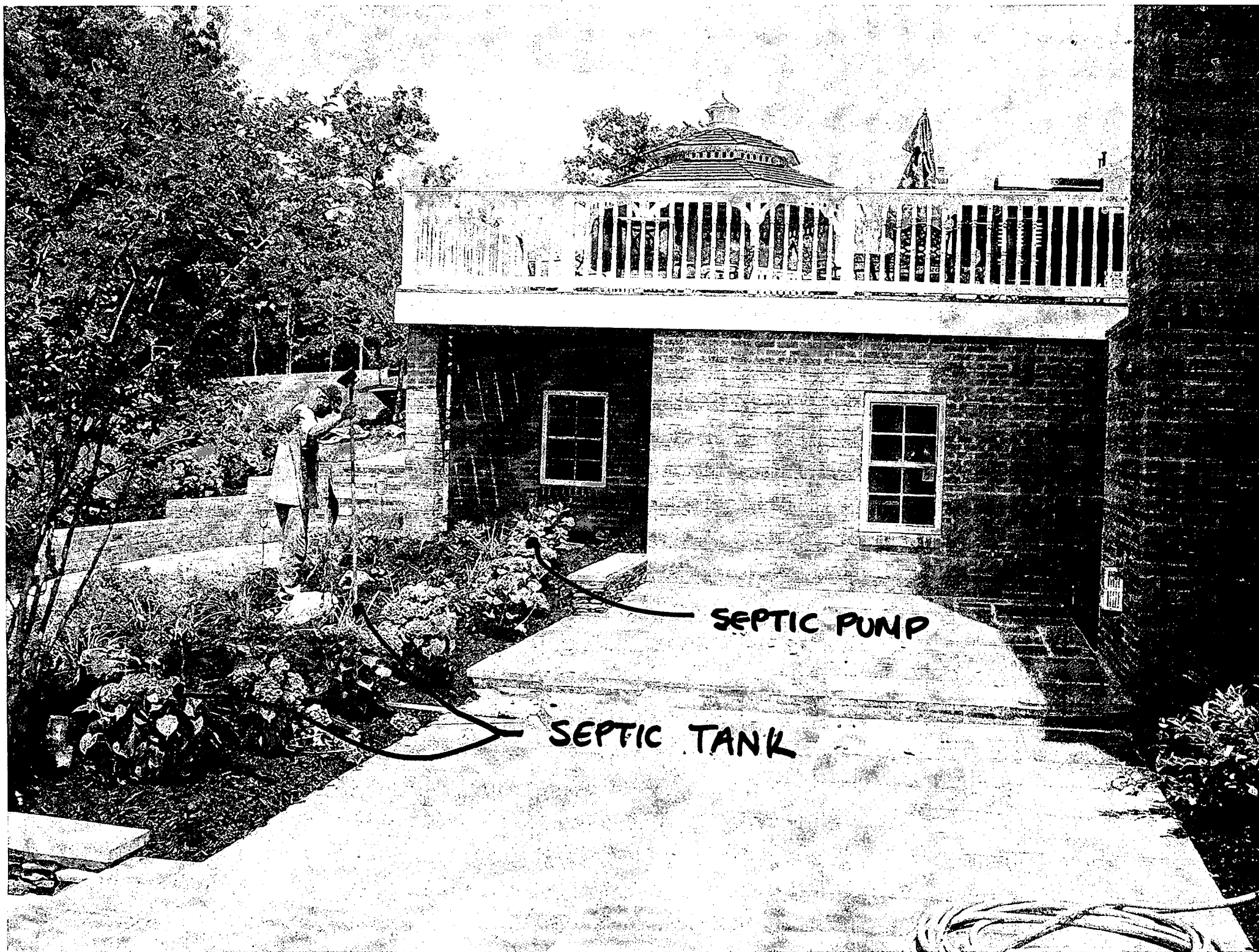
50' BRL



SEPTIC  
PUMP

SEPTIC  
TANK







EXISTING FOREST  
CONSERVATION EASEMENT

LOT 22  
49,777 s.f.

SEWAGE DISPOSAL AREA  
10,742 S.F. REMAINING

PROPOSED RELOC.

APPROVED

WALK-THRU BUILDING PERMIT

BP# 850/03/165 A# 50000-7A

APP. SAN. 12-8

DATE 7/2/85

DESC. OF WORK: 6x10 ft. 2x2

*Triller Root*

JMBIA  
21  
68 s.f.  
474.46  
464.67

PORCH  
700  
0' BRL

COVENTRY  
NEW ENGLAND  
FF=477.36  
BF=467.57

PROP 3x8 ROCK

50' BRL

3-CAR  
SIDE LOAD  
GARAGE

60' RAD.

3 RISERS

10 BRL

856

482

480

482

480

863

482

480

482

480