

LAYOUT 2/25/02 10:30 <sup>11:00</sup> INSP 4 \_\_\_\_\_  
 INSP 2 2/26/02 2:00 INSP 5 \_\_\_\_\_  
 INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE:

P 516429-B

APPROVAL DATE: 2/26/02

**PERMIT  
INDEXED**

A 59914-Y

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

**04-363957**

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

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

SUBDIVISION: Monticello LOT NUMBER: 49

ADDRESS: 1701 Oakdale Drive PROPERTY OWNER: D. R. Horton, Inc.

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED

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

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 280

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:	To place distribution box in top center of staked septic easement as shown on building permit plan. Run 5-56 foot trenches on contour in both directions.
NOTES:	If house is lowered pumped system may be required.

PLANS APPROVED: Brian Baker OKSRK 2/22/02 DATE: 10/15/2001

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

**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**

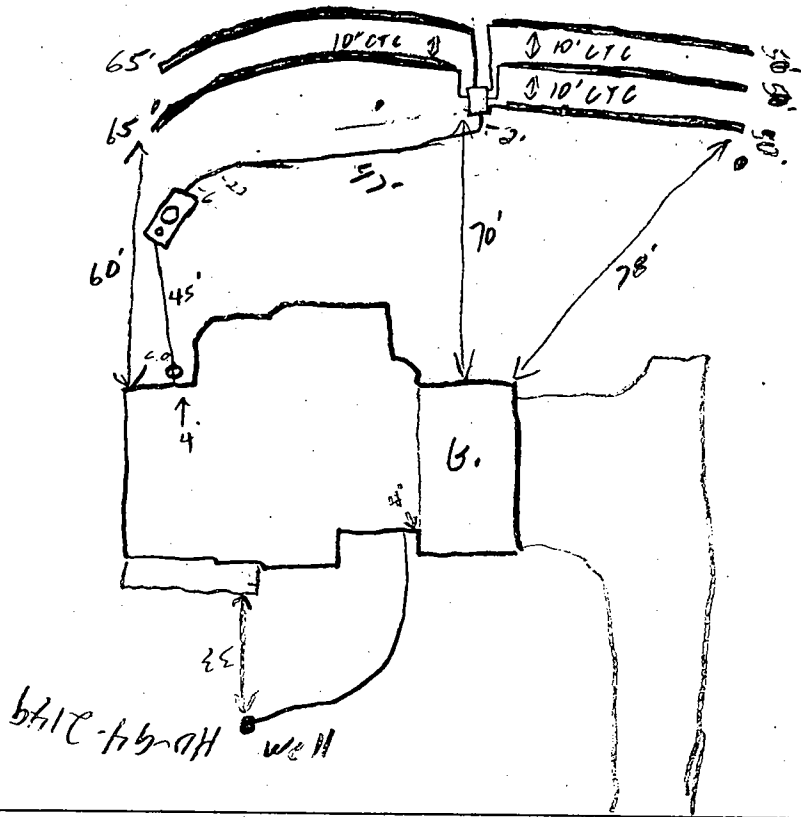
**BUILDING PERMIT SIGNED  
 AND RETURNED 5-16-01  
 800 130 225 - Comm. ENTRANCE 5167**

A59914-Y

NOT TO SCALE

Manticello Drive

INDEXED



Dakdale Drive

ROAD

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	3-3.5	5.5
NUMBER OF TRENCHES		5
TOTAL LENGTH		280
ABSORPTION AREA		840
DISTRIBUTION BOX LEVEL		YES
DISTRIBUTION BOX BAFFLE		YES
DISTRIBUTION BOX PORT		N/A

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	OK
CAPACITY	1250 GAL
SEAM LOC	TS
TANK LID DEPTH	2.5'
BAFFLES	YES
BAFFLE FILTER	NO
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	N/A
SEPTIC TANK 2 LEVEL	
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

PRE-CONSTRUCTION 2/25/02 Layout per BP. (SE)

INSTALLATION 2/26/02 House conn. w/ 6" tower, top trenches 6" deep. OK to cover all work (SE)

FINAL INSPECTOR

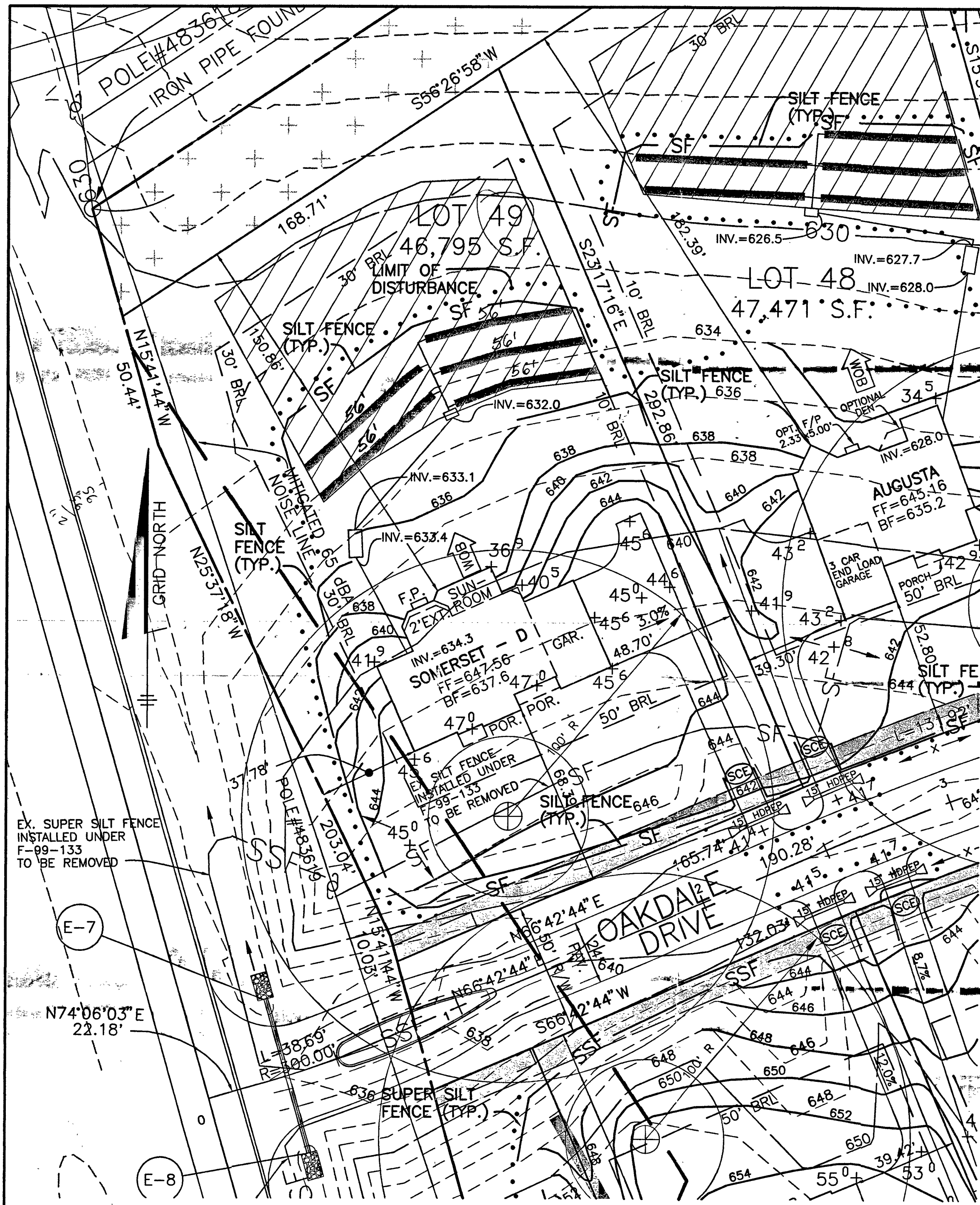
*[Signature]*

DATE OF APPROVAL

2/26/02

BUILDING PERMIT SIGNED

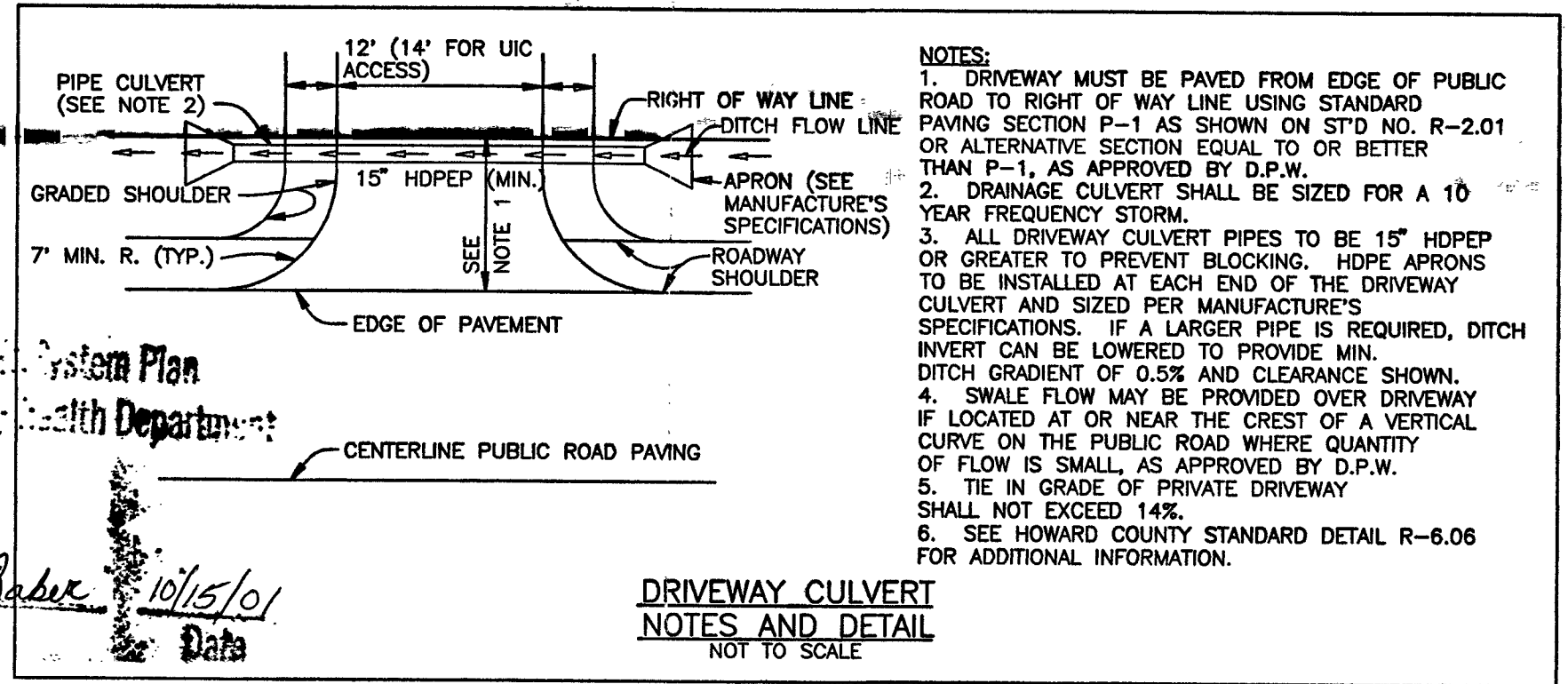
AND RETURNED



Total linear feet of trench required 280 feet  
 Width of trench(es) 3 feet  
 Depth of trench(es) 5 feet  
 Depth of stone required below distribution pipe 2 feet

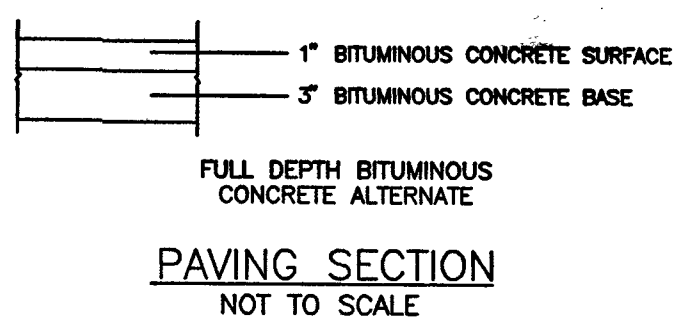
- NOTES:**
1. THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 14641. REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
  2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL 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-30-92 AND MODIFIED FOR THIS SPECIFIC HOUSE.
  4. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM THE APPROVED ROAD CONSTRUCTION PLANS. EXACT LENGTH OF SEPTIC TRENCHES ARE 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.
  7. ALL STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS.

Approved System Plan  
 Howard County Health Department  
 Brian Baker 10/15/01  
 Signature Date



**LEGEND**

LIMIT OF DISTURBANCE	---
EX. SILT FENCE	-SF-
PROP. SILT FENCE	-SF-
EX. SUPER SILT FENCE	-SSF-
PROP. SUPER SILT FENCE	-SSF-
EX. EARTH DIKE	---
PROP. EARTH DIKE	---
STABILIZED CONSTRUCTION ENTRANCE	(SCE)
EXISTING CONTOUR	598
PROPOSED CONTOUR	612
EROSION CONTROL MATTING	---



NO.	DATE	REVISION
<b>BENCHMARK ENGINEERING, INC.</b> ENGINEERS & LAND SURVEYORS & PLANNERS 8480 BALTIMORE NATIONAL PIKE & SUITE 418 ELLICOTT CITY, MARYLAND 21043 PHONE: 410-465-6105 FAX: 410-465-6844 EMAIL: benchmrk@cais.com		
OWNER/BUILDER:		PROJECT:
D.R. HORTON, INC. SUITE 230 1370 PICCARD DRIVE ROCKVILLE, MARYLAND 20850 1-301-670-6144		<b>MONTICELLO LOT 49</b>
LOCATION:		1701 OAKDALE DRIVE COOKSVILLE, MD 21723 TAX MAP 14 - BLOCK 19 - P/O PARCEL 246 4th ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND
TITLE:		<b>PERMIT PLAN</b>
HOUSE TYPE:		<b>SOMERSET</b>
DATE:	SEPTEMBER 14, 2001	PROJECT NO. 1304
DESIGN:	JMC	DRAFT: JMC
SCALE:	1" = 30'	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 Obrecht Rd  
Syllesville Md 21784

(Must circle one) Licensed Plumber  Licensed Well Driller  Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:

Name (Print): Allen Compton License# MSD 009

\*A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.

Name of Property Owner: D. E. Horton Telephone #:  
Subdivision: Monticello Lot #: 49 Well Tag #: HO-99-2199  
Site Address: 1701 Oakdale DR

Submersible Pump Data      Pitless Adapter      Well Cap and Electric Conduit  
Make: Howells      Make: Campbell      Two piece watertight cap: yes  
Model #: TS1005422      Model#: NA      Screened, vented well cap: yes  
Pump Capacity 7 GPM      Depth: 12 (36" min)      Cap secured to casing: yes  
Well Yield:      GPM      NSF/WSC approved: yes      Conduit min 18" B.G.: yes  
Depth of well encountered at time of pump installation: 205 (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, Cable guards, or other acceptable method used- Must circle one  
Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing N/A

Piping to house      House Connection  
Type: 1" black plastic      PVC sleeve to undisturbed soil at wall penetration: yes  
PSI: 60 (150 psi min)      Approximate length of sleeve: 5  
Depth of supply line: 12 (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      5-22-02  
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: 4/18/02 Inspector: (50) SRK  
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade ✓  
Two piece cap installed and attached to casing securely ✓  
Elec. conduit extends at least 18" below grade/attached to cap properly ✓  
Safety rope not seen outside of well cap/casing ✓  
Correct well tag attached properly and casing 3" above finished grade ✓  
Water supply line sleeved adequately at house connection ✓  
Adequate grout observed below pitless adapter ✓

C 1 9647 SEQUENCE NO. (MDE USE ONLY)  
 1 2 3 6

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

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.  
 COUNTY NUMBER 13

ST/CO USE ONLY  
 DATE Received  
 MM PD YY  
 8 13

DATE WELL COMPLETED  
 MM DD YY  
4 19 99

Depth of Well  
 22 200' 26  
 (TO NEAREST FOOT)  
*ok (CW) id 30/00*

PERMIT NO.  
 FROM "PERMIT TO DRILL WELL"  
H0-94-2149  
 28 29 30 31 32 33 34 35 36 37

OWNER HIGHLAND Development  
 STREET OR RFD TIMBER VALLEY Dr TOWN Greenwood  
 SUBDIVISION Knapp Prop SECTION \_\_\_\_\_ LOT 49

**WELL LOG**  
 Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
<u>Sand</u>	<u>0</u>	<u>48</u>	
<u>Gray Granite</u>	<u>48</u>	<u>200</u>	<input checked="" type="checkbox"/>

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box)  Y  N  
 TYPE OF GROUTING MATERIAL (Circle one)  
 CEMENT  CM BENTONITE CLAY  BC  
 NO. OF BAGS 16 NO. OF POUNDS 1504  
 GALLONS OF WATER 96  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 ft. to 47 ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
 ST STEEL  CO CONCRETE  
 PL PLASTIC  OT OTHER  
 MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 52  
 60 61 63 64 66 70

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

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

NUMBER OF UNSUCCESSFUL WELLS: 0  
 WELL HYDROFRACTURED  Y  N  
 CIRCLE APPROPRIATE LETTER  
**A** A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED  
**E** ELECTRIC LOG OBTAINED  
**P** TEST WELL CONVERTED TO PRODUCTION WELL

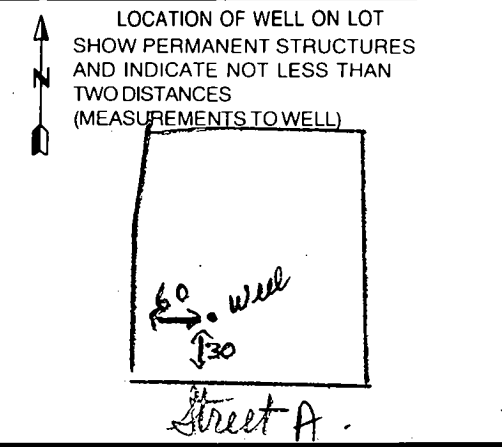
**C 2** DEPTH (nearest ft.)  
 1 50 200'  
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I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.  
 DRILLERS LIC. NO. MS00 24  
 DRILLERS SIGNATURE Joseph L. Mayne  
 (MUST MATCH SIGNATURE ON APPLICATION)  
 LIC. NO. 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 O  
 70 72 74 75 76  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

**C 3** PUMPING TEST  
 HOURS PUMPED (nearest hour) 3  
 8 9  
 PUMPING RATE (gal. per min.) 15  
 METHOD USED TO MEASURE PUMPING RATE Bucket  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING 44 ft.  
 17 20  
 WHEN PUMPING 148 ft.  
 22 25  
 TYPE OF PUMP USED (for test)  
 A air  P piston  T turbine  
 C centrifugal  R rotary  O other (describe below)  
 J jet  S submersible

**PUMP INSTALLED**  
 DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES  NO   
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.  
 TYPE OF PUMP INSTALLED \_\_\_\_\_  
 PLACE (A,C,J,P,R,S,T,O) IN BOX 29 \_\_\_\_\_  
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35  
 PUMP HORSE POWER 37 41  
 PUMP COLUMN LENGTH (nearest ft.) 43 47  
 CASING HEIGHT (circle appropriate box and enter casing height)  
 + above } LAND SURFACE  
 - below } 2 (nearest foot)  
 49 50 51





B 1 3631 SEQUENCE NO. (MDE USE ONLY) (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER 140-94-2149 fill in this form completely

Date Received (APA) OWNER INFORMATION Highland Development P.O. Box 228 Clarksville md. 21029

B 3 HOWARD LOCATION OF WELL Knapp Property Glenwood 49 MILES FROM TOWN 3 MI

DRILLER INFORMATION Joseph L. Mayne MS D 024 5512 Ridge Rd. Mt. Airy 21771 3/1/99

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) Street A ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 25 FT TAX MAP: BLK: PARCEL

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD 13- COUNTY NAME COUNTY NO. DATE ISSUED 03/23/99 CO SIGNATURE EXP. DATE 03/22/00

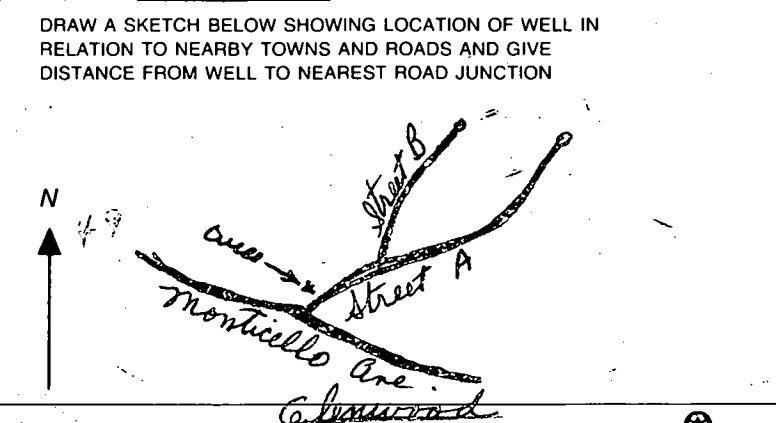
USE FOR WATER (CIRCLE APPROPRIATE BOX) HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL) TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

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 1. Well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 796 N 5494

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



Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER 54 GAP 63 FORCE 67 68 WRITE INITIALS IN BOX PERMIT NO. 140-94-2149

N56°26'58" E

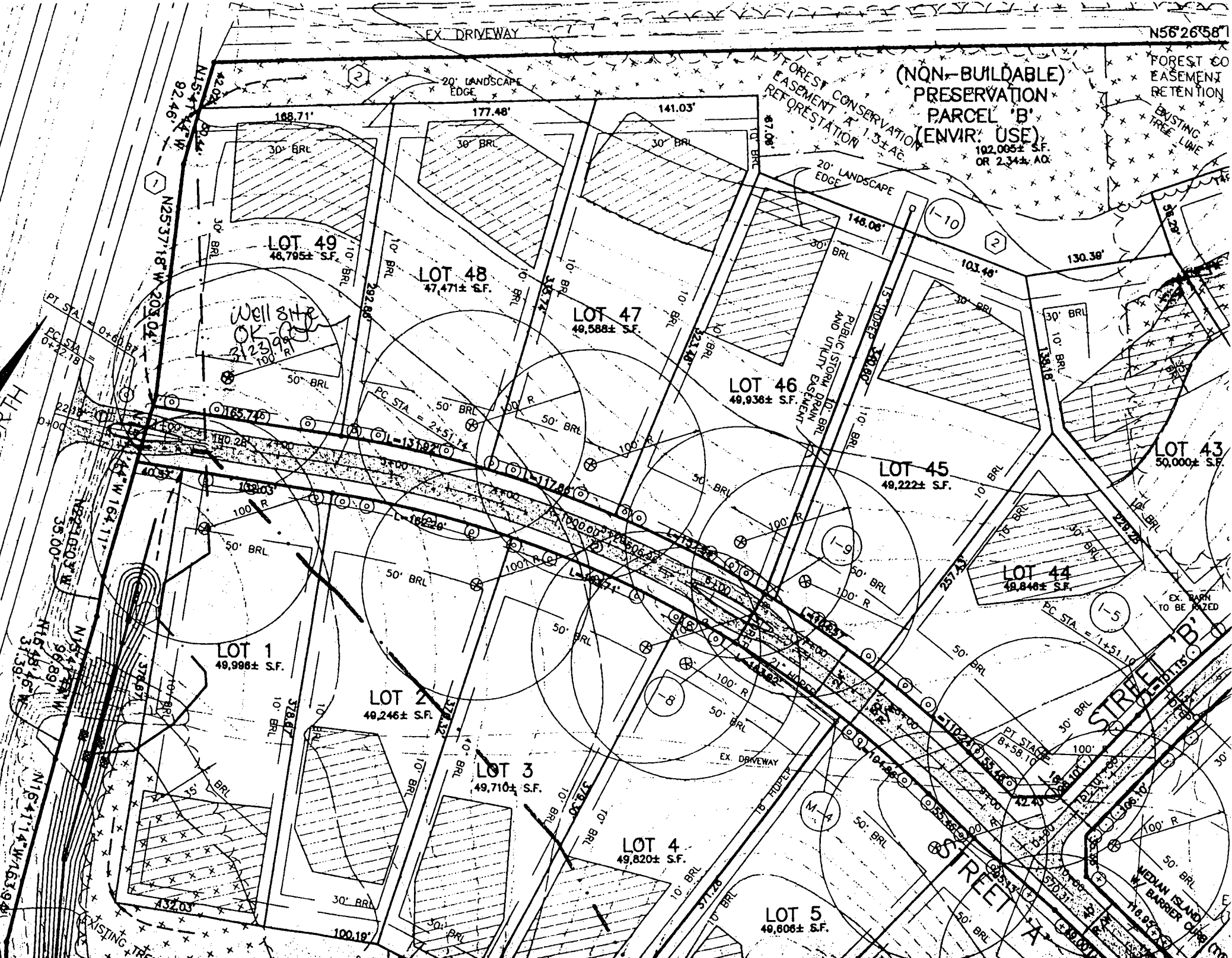
EX. DRIVEWAY

FOREST CONSERVATION  
EASEMENT 1.35± AC.  
REFORESTATION

(NON-BUILDABLE)  
PRESERVATION  
PARCEL 'B'  
(ENVIR. USE)

FOREST CO  
EASEMENT  
RETENTION  
EXISTING  
TREE LINE

102,005± S.F.  
OR 2.34± AC.



LOT 49  
48,795± S.F.

LOT 48  
47,471± S.F.

LOT 47  
49,588± S.F.

LOT 46  
48,938± S.F.

LOT 45  
48,222± S.F.

LOT 43  
50,000± S.F.

LOT 44  
48,848± S.F.

LOT 1  
49,998± S.F.

LOT 2  
48,246± S.F.

LOT 3  
49,710± S.F.

LOT 4  
49,820± S.F.

LOT 5  
49,806± S.F.

Well Site  
OK  
312399  
100' R

(NON-BUILDABLE)  
PRESERVATION  
PARCEL 'B'  
(ENVIR. USE)

FOREST CONSERVATION  
EASEMENT 1.35± AC.  
REFORESTATION

FOREST CO  
EASEMENT  
RETENTION  
EXISTING  
TREE LINE

102,005± S.F.  
OR 2.34± AC.

EX. DRIVEWAY

EX. DRIVEWAY

EX. BARN  
TO BE RAZED

BIRTH

STREET 'B'

STREET 'A'

MEDIAN ISLAND  
w/ BARRIER CURVE

Well Site  
OK  
312399  
100' R

(NON-BUILDABLE)  
PRESERVATION  
PARCEL 'B'  
(ENVIR. USE)

FOREST CONSERVATION  
EASEMENT 1.35± AC.  
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EX. DRIVEWAY

EX. DRIVEWAY

EX. BARN  
TO BE RAZED

BIRTH

STREET 'B'

STREET 'A'

MEDIAN ISLAND  
w/ BARRIER CURVE

# APPLICATION

## PERCOLATION TESTING

A 59915

P \_\_\_\_\_

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

56 LOTS  
EXISTING HOUSES - 2600-5607 LOTS  
TO BE RECONSTRUCTED  
4 DAYS FOR PERMITS  
WET SEASON TESTING  
4 DAY FOR FOLLOW-UP TESTING  
WILL PROBABLY SUBMIT IMPROVED PLAN/APPLICATION (CW)

DISTRICT \_\_\_\_\_  
DATE 4/3/98

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

4/21 - 4/24  
&  
5/19 - 5/22

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER ALFRED KNAPP

ADDRESS MONTICELLO AVE / SYKESVILLE PHONE 410-465-4242

AGENT OR PROSPECTIVE BUYER CLARK SPERRY / SDC GROUP

ADDRESS 3480 Ballerina Not. PIKE PHONE 410-465-4244

PROPERTY LOCATION:  
SUBDIVISION Knapp Prop. LOT NO. \_\_\_\_\_  
ROAD AND DESCRIPTION M

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_  
SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(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.

APPROVED BY \_\_\_\_\_ FOR STEVE SHIPLE - TSA DATE \_\_\_\_\_  
(SIGNATURE OF APPLICANT) SECURITY DIV.

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

KNAPP SUBD.

A59915

COUNTY#

SOIL PROFILE

0' 174+175

CLAY

3

ORANGE

BROWN

SANDY

CLAY

10 1/2

NO #

7' EASILY DIGGABLE CLAY TOP SOIL

- EASILY FILL

173+171

CLAY

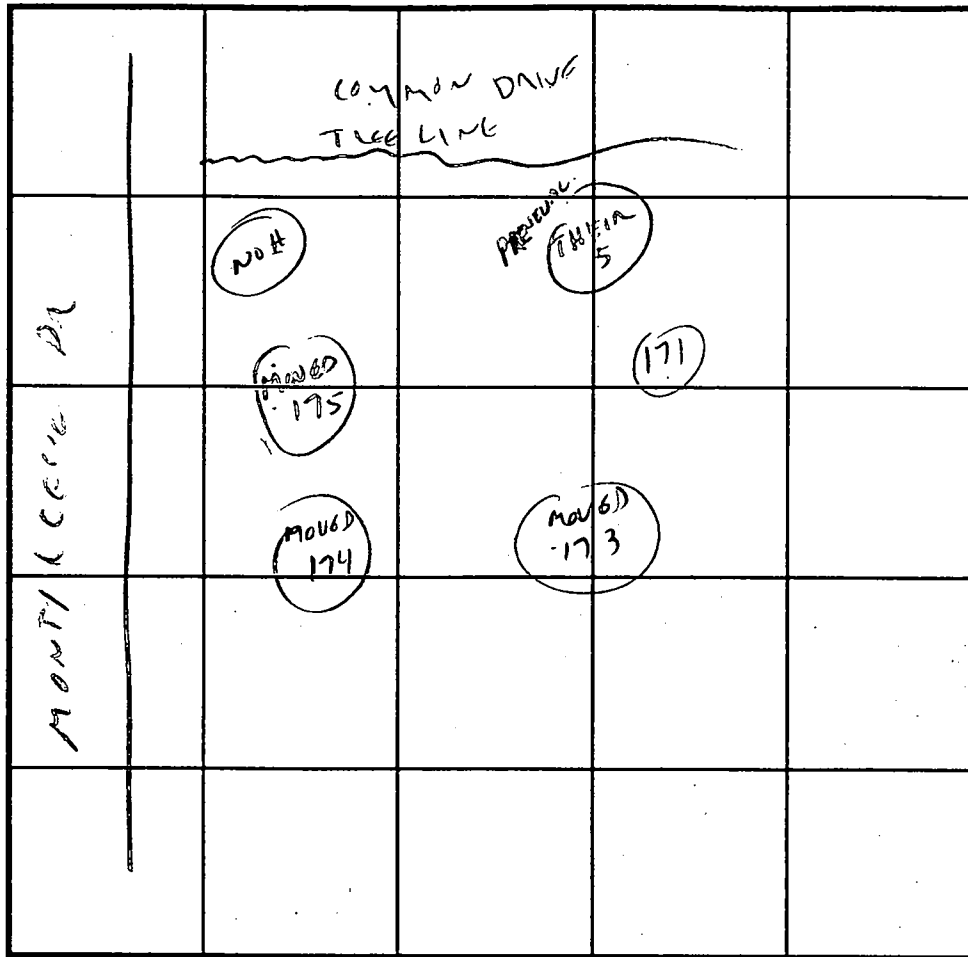
2

SANDY

SILT

CLAY

10 1/2



SOIL PROFILE

0' 172

CLAY

4 1/2

ORANGE BROWN

SILT

CLAY

10 1/2

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/23/98	174 <sup>MOVED</sup>	4	4:52	4:53	4:53	4:55	21M
	175 <sup>MOVED</sup>	3	4:55	5:00			
			VI'S OK (a)	3 1/2 - 4'			
	173 <sup>MOVED</sup>	3 1/2	5:00	5:07	5:07	5:19	12 MIN
			VI'S POSITIVE BELOW 4'				
	171	VI'S	OK 3-	10 1/2			
	172	5	5:05	5:11	5:11	5:27	16 MIN

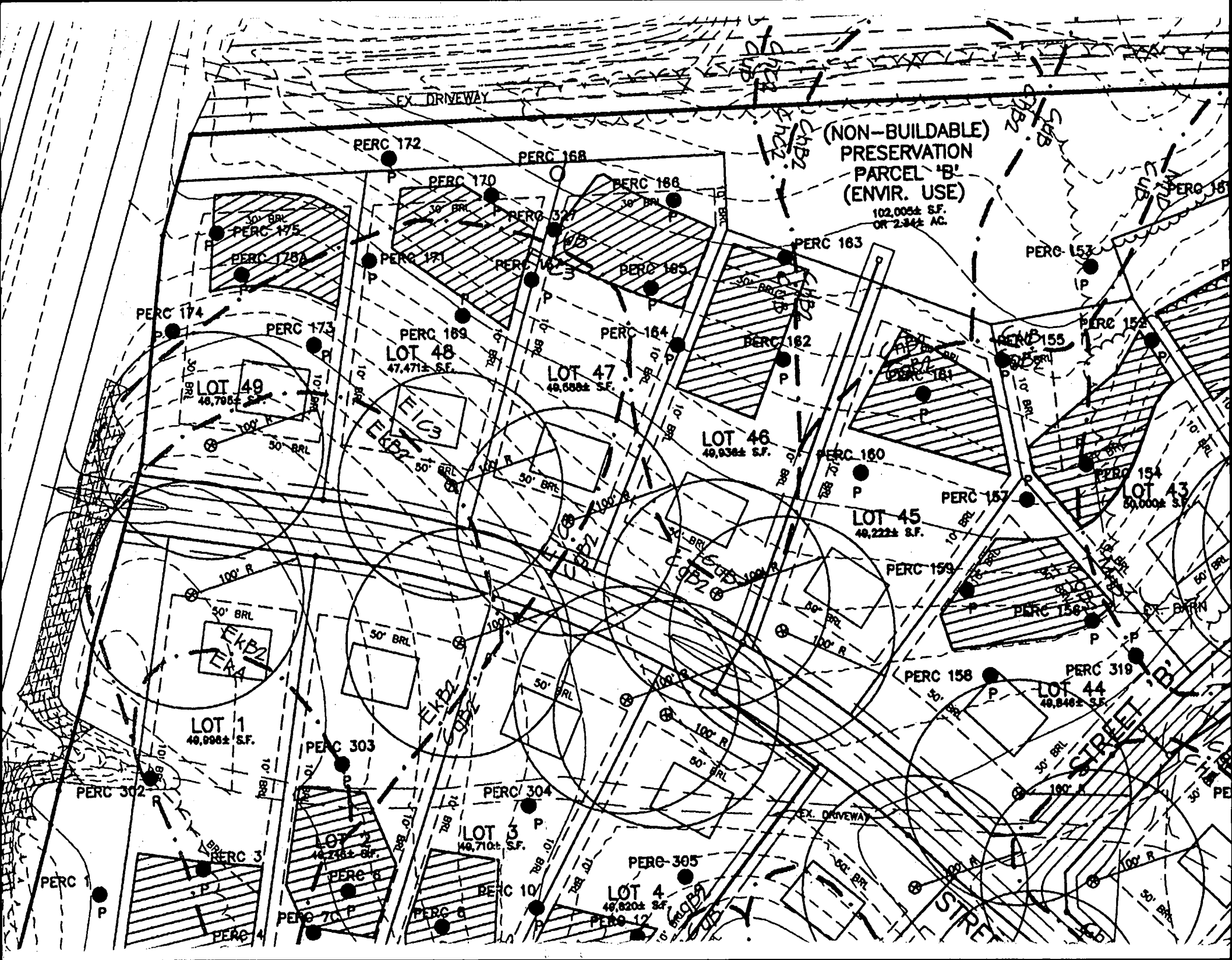
REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY CWILLIAMS ALSO PRESENT SPERRY

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH: \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_



EX. DRIVEWAY

(NON-BUILDABLE)  
PRESERVATION  
PARCEL 'B'  
(ENVIR. USE)

102,000± S.F.  
OR 2.34± AC.

PERC 172

PERC 168

PERC 170

PERC 166

PERC 175

PERC 178A

PERC 181

PERC 182

PERC 185

PERC 163

PERC 157

PERC 174

PERC 173

PERC 169

PERC 164

PERC 162

PERC 155

PERC 152

LOT 49  
48,708± S.F.

LOT 48  
47,471± S.F.

LOT 47  
49,688± S.F.

LOT 46  
49,938± S.F.

LOT 45  
49,222± S.F.

LOT 43  
50,000± S.F.

LOT 1  
49,998± S.F.

PERC 303

PERC 304

PERC 159

PERC 157

PERC 158

PERC 319  
LOT 44  
49,848± S.F.

PERC 1

PERC 3

PERC 5

PERC 8

PERC 10

PERC 305

LOT 4  
49,820± S.F.

STREET 'B'

STREET 'B'

EKB2  
EAB

EKB2

EKB2

EKB2

CHB2

CHB2

CHB2

EX. DRIVEWAY

EX. DRIVEWAY

STREET 'B'

STREET 'B'

ANGLE	CHORD
11°27'32"	82.77'
34°46'34"	320.98'
37°09'11"	342.80'
37°09'11"	329.36'
34°46'34"	305.32'
N35°07'07"W	164.72'
N84°06'01"E	612.63'
N30°03'54"E	649.88'
S30°03'54"W	624.40'
S84°06'01"W	582.74'

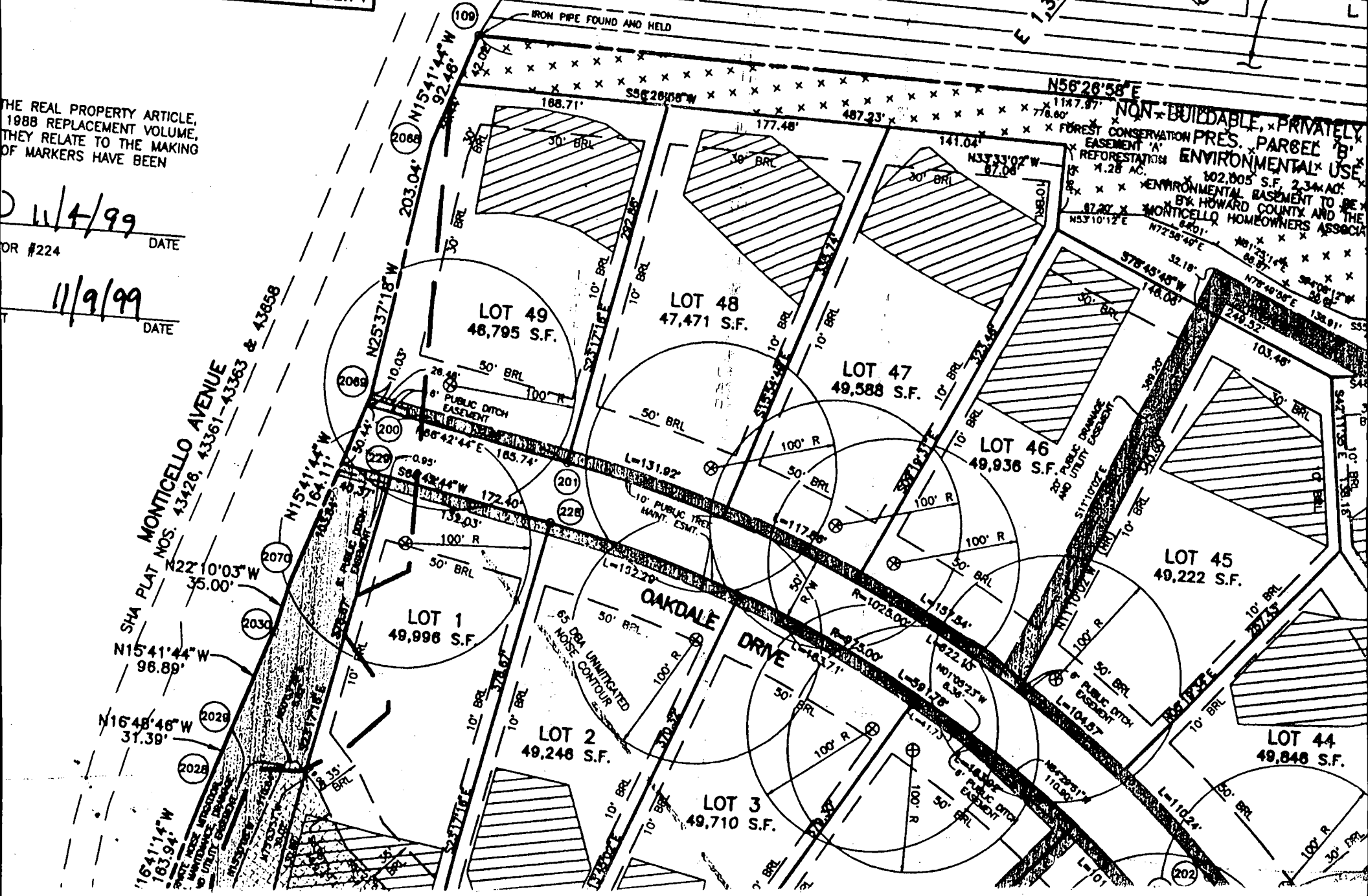
PARCEL 331  
RICHARD H. AND SUSAN OYSIER  
L. 1225 F. 0852

RICHARD L  
MICHAEL L

THE REAL PROPERTY ARTICLE,  
1988 REPLACEMENT VOLUME,  
THEY RELATE TO THE MAKING  
OF MARKERS HAVE BEEN

11/4/99 DATE  
OR #224  
11/9/99 DATE

E 1,309.000  
N 605.500



SHA PLAT NOS. 43426, 43361, 43363 & 43658  
MONTICELLO AVENUE

NON-BUILDABLE, PRIVATELY  
FOREST CONSERVATION PRES. PARCEL  
EASEMENT 'A'  
REFORESTATION ENVIRONMENTAL USE  
102,005 S.F. 2.34 AC.  
ENVIRONMENTAL BASEMENT TO BE  
BY HOWARD COUNTY AND THE  
MONTICELLO HOMEOWNERS ASSOCIATION

N15°41'44"W 98.89'  
N16°48'46"W 31.39'  
N15°41'44"W 164.11'  
N22°10'03"W 35.00'

OAKDALE DRIVE  
5' PUBLIC UTILITY EASEMENT  
5' PUBLIC DITCH AND UTILITY EASEMENT

LOT 44  
49,848 S.F.  
LOT 45  
49,222 S.F.  
LOT 46  
49,938 S.F.  
LOT 47  
49,588 S.F.  
LOT 48  
47,471 S.F.  
LOT 49  
48,795 S.F.



S56°26'58"

168.71'

N15°41'44" W  
50.44'

N25°37'18" W

GRID NORTH

LOT 46, 795 49 S.F.  
LIMIT OF DISTURBANCE  
SF

SILT FENCE (TYP.)

30' BRL

150.86'

SF

56'

56'

56'

56'

INV.=632.0

INV.=633.1

636

638

INV.=633.4

F.P.

WOB

SUN-ROOM  
2' EXT.

36.9

640

642

644

SOMERSET - D  
FF=647.56  
BF=637.6

GAR.

450

446

456 3.0%

470

470

48.70'

POR. POR.

456

EXISTING SILT FENCE  
INSTALLED UNDER  
F-99-133  
TO BE REMOVED

100' R

50' BRL

450

450

SILT FENCE (TYP.)

68.39'

646

SCE

642

15' HDREP

N66°42'44" E

165.74'

190.28'

OAKDALE DRIVE

L=38.69'  
R=500.00'

N66°42'44" E

50' R

244'

S23°17'16" E  
292.86'

FENCE

150

120

270

37.78'

POLE #483619

203.04'

N15°41'14" W  
10.03'

39

SA

15'

15'