

LAYOUT 7/3/02 Anytime INSP 4 \_\_\_\_\_  
INSP 2 7/8/02 Anytime INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 4/8/2002

P 516913-B

APPROVAL DATE: 7/8/02

A 58947 T

# PERMIT INDEXED

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

04-365437

Union Paving Company Inc

IS PERMITTED TO

INSTALL ☒ ALTER ☐

ADDRESS: 5977 Sandy Ridge Rd, Elkridge

PHONE NUMBER: 410-379-6463

SUBDIVISION: Windridge Farms

LOT NUMBER: 18

ADDRESS: 14547 Windridge Court

PROPERTY OWNER: Hamilton Reed

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: 180

LINEAR FEET OF TRENCH REQUIRED: 240

HOUSE SERVED BY PUBLIC WATER ☐

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution per plan. Layout of trenches to be as close to same size of one another; layout per initial inspection.
NOTES:	

PLANS APPROVED:

MR

OK MR 6/27/02

DATE: 10/3/01

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**

458947-T

WIDTH 3' INLET 3'

NUMBER OF TRENCHES 5

TOTAL LENGTH 240'

ABSORPTION AREA 7204

DISTRIBUTION BOX LEVEL     

DISTRIBUTION BOX BAFFLE     

DISTRIBUTION BOX PORT     

SEPTIC TANK 1 LEVEL ✓

CAPACITY 1250 GAL

SEAM LOC Top

TANK LID DEPTH 1.5

BAFFLES ✓

BAFFLE FILTER \_\_\_\_\_

MANHOLE LOC Center

6" PORT LOC Front

WATERTIGHT TEST \_\_\_\_\_

SEPTIC TANK 2 LEVEL \_\_\_\_\_

CAPACITY \_\_\_\_\_ GAL

SEAM LOC \_\_\_\_\_

TANK LID DEPTH \_\_\_\_\_

BAFFLES N/A

BAFFLE FILTER \_\_\_\_\_

MANHOLE LOC \_\_\_\_\_

6" PORT LOC \_\_\_\_\_

WATERTIGHT TEST \_\_\_\_\_

## PRE-CONSTRUCTION

## INSTALLATION

2/10/02

HIGH P/OVR SDA NOT ACCESSED w/ TRENCHES, PUMP PIT REQ'D IN FUTURE MR

## FINAL INSPECTOR

DATE OF APPROVAL \_\_\_\_\_

7/3/02



# HAMILTON REED



CR 7238

#25

CR 9928

Need approval  
by Health Dept. before  
release.  
cc: Health Dept

8/23/02

AUG 21 2002

Amendment O.K. with  
Environmental Health  
8/21/2002  
Brian Baber

Mrs. Lois Corbin  
Chief of Inspections  
3430 Courthouse Dr.  
Ellicott City, MD 21043

Permit # 132208  
Address 14547 Windridge Ct.  
Glenwood, MD 21738

REVIEWED FOR CODE COMPLIANCE	
DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS HOWARD COUNTY	
DATE: .....	8/23/02
BY: .....	
<input type="checkbox"/> SUBJECT TO COMMENTS OF LETTER	
<input checked="" type="checkbox"/> SUBJECT TO FIELD INSPECTION	
<input type="checkbox"/> SUBJECT TO COMMENTS ON PLANS	
<input checked="" type="checkbox"/> AMENDMENT	<input type="checkbox"/> FINAL

We would like to commend the above listed  
permit / property address to slip the house. No  
changes have been made to the original submitted  
design. 4 Copies have been submitted. Any  
Questions or concerns can be directed to  
Stephens Forney @ 410-480-9146

Thank you for your help in this matter

Stephen E. Forney

FROM : R. L. PURKEY PLUMBING

FAX NO. : 301 329 6537

Sep. 25 2002 09:45PM P1

**HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2646**

**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 (and Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: R. L. Purkey P.H. Telephone #: 301-873-7901  
Address: 4593 Greenfield Rd.  
MT. Airy, MD 21771

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:

Name (Print): Robert Purkey License # 17381

\*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: Hamilton Reed Telephone #: 410-480-9146  
Subdivision: Windridge Farm Lot #: 18 Well Tag #: HO-99-2804  
Site Address: 14547 Windridge Ct.  
Glenwood MD 21738

<b>Submersible Pump Data</b>	<b>Pitless Adapter</b>	<b>Well Cap and Electric Conduit</b>
Make: <u>Tecumseh</u>	Make: <u>Acme</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>2545RXL-52</u>	Model #: <u>1"</u>	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity: <u>5</u> GPM	Depth: <u>42"</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: <u>3</u> GPM	NSF approved: <input checked="" type="checkbox"/>	Conduit runs 18" B.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: <u>299</u> (feet)		Conduit secured to well cap: <input checked="" type="checkbox"/>

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 159C 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 bol: no

**Piping to house**  
Type: PLASTIC  
PSI: 200 (150 psi min)  
Depth of supply line: 42" (36" min)

**House Connection**  
PVC sleeved to undisturbed soil at well penetration: yes  
Approximate length of sleeve: 12  
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: Robert S. Purkey

date: 8-23-02

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

Date Insp. Requested: _____	Date Insp. Approved: <u>5/22/02</u> <u>(S)</u>
Inspection Data:	
Pitless adapter and water supply line at least 36" below grade	<input checked="" type="checkbox"/>
Two piece cap installed and attached to casing securely	<input checked="" type="checkbox"/>
Elec. conduit extends at least 18" below grade/attached to cap properly	<input checked="" type="checkbox"/>
Safety rope installed inside of well casing	<input checked="" type="checkbox"/>
Correct well tag attached properly and casing 3" above finished grade	<input checked="" type="checkbox"/>
Water supply line sleeved adequately at house connection	<input checked="" type="checkbox"/>
Adequate ground observed below pitless adapter	<input checked="" type="checkbox"/>

ci 07893

SEQUENCE NO.  
(MDE USE ONLY)STATE OF MARYLAND  
WELL COMPLETION REPORTFILL IN THIS FORM COMPLETELY  
PLEASE TYPETHIS REPORT MUST BE SUBMITTED AFTER  
WELL IS COMPLETED.COUNTY  
NUMBER 13

ST/CO USE ONLY

DATE Received  
MM DD YY  
8 13

DATE WELL COMPLETED

MM DD YY  
10 14 00  
15 20

Depth of Well

22 300 26  
(TO NEAREST FOOT)OK/CW  
10/30/00PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
H0-94-2804  
28 29 30 31 32 33 34 35 36 37OWNER BR5 DEVELOPERS  
STREET OR RFD last name WINDRIDGE CT first name TOWN GLENELG  
SUBDIVISION WINDRIDGE FARMS SECTION LOT 18

## WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR  
COLOR, DEPTH, THICKNESS AND IF WATER BEARINGDESCRIPTION (Use  
additional sheets if needed)

FEET

FROM

TO

check  
if water  
bearing

Top So. L 0 2  
Sandy 2 35 ✓  
Sandstone 35 40  
MICKA 40 60  
Sandstone 60 65 ✓  
MICKA 65 300

## GROUTING RECORD

WELL HAS BEEN GROUTED  
(Circle Appropriate Box)yes no  
Y N  
44 44

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT CM BENTONITE CLAY BCNO. OF BAGS 14 NO. OF POUNDS 460GALLONS OF WATER 84

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 30+ ft.  
48 TOP 52 54 BOTTOM 58 ft.  
(enter 0 if from surface)

## CASING RECORD

casing  
types  
insert  
appropriate  
code  
below

ST

CO

STEEL

CONCRETE

PL

OT

PLASTIC

OTHER

MAIN  
CASING  
TYPENominal diameter  
top (main) casing  
(nearest inch)Total depth  
of main casing  
(nearest foot)

PL 6 45

60 61 63 64 66 70

## OTHER CASING (if used)

E  
A  
C  
H  
C  
A  
S  
I  
N  
Gdiameter  
inch from toscreen type  
or open hole

## SCREEN RECORD

(insert  
appropriate  
code  
below)

ST

BR

HO

STEEL

BRASS

OPEN

PL

BRONZE

HOLE

PLASTIC

OTHER

OT

OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED

yes

Y

no

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

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 S D 112

DRILLERS SIGNATURE

(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1

D

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

70

72

TELESCOPE  
CASINGLOG  
INDICATOR74 75 76  
OTHER DATA

## PUMPING TEST

HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min.) 3

METHOD USED TO  
MEASURE PUMPING RATE Brubaker

WATER LEVEL (distance from land surface)

BEFORE PUMPING 34 ft.

WHEN PUMPING 110 ft.

TYPE OF PUMP USED (for test)

A air

P piston

T turbine

C centrifugal

R rotary

O other

J jet

S submersible

## PUMP INSTALLED

DRILLER INSTALLED PUMP YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION  
MUST BE COMPLETED FOR ALL WELLS.TYPE OF PUMP INSTALLED  
PLACE (A,C,J,P,R,S,T,O)  
IN BOX 29CAPACITY:  
GALLONS PER MINUTE  
(to nearest gallon)

PUMP HORSE POWER

PUMP COLUMN LENGTH  
(nearest ft.)CASING HEIGHT (circle appropriate box  
and enter casing height)

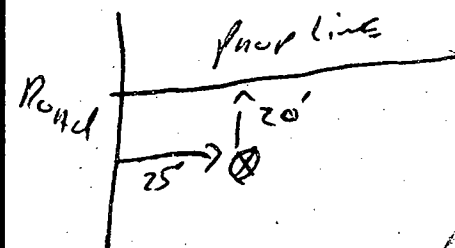
+ above

LAND SURFACE

- below

(nearest  
foot)

## LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURES  
AND INDICATE NOT LESS THAN  
TWO DISTANCES  
(MEASUREMENTS TO WELL)

B 1	<b>18650</b>	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL <i>W513672</i> please print or type	STATE PERMIT NUMBER <b>40 - 94 - 2804</b> <small>fill in this form completely</small>
Date Received (APA) 8 MM DD YY 13 <i>Bns Developers LLC</i>		OWNER INFORMATION 15 Last Name Owner First Name 34 <i>5808 Center Park Dr. Suite 209</i> 36 Street or RFD 55 <i>Columbia MD 21045</i> 57 Town 70 State 72 Zip 76		
DRILLER INFORMATION Driller's Name <i>Ralph Mayne</i> M S D 116 Firm Name <i>Ralph Mayne Well Drilling</i> Address <i>9120 Brown Church Rd Mt Airy</i> Signature <i>Ralph Mayne</i> Date <i>D-5-00</i>		LOCATION OF WELL B 3 <i>Howard</i> 8 COUNTY 21 <i>WINDRIDGE FARMS</i> 23 SUBDIVISION 42 SECTION <i>2</i> LOT <i>18</i> <i>GLENELG</i> 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) <i>I</i> M I 73 76 77 78		
WELL INFORMATION B 2 APPROX. PUMPING RATE (GAL. PER MIN.) <i>5</i> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <i>500</i>		DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <i>WINDRIDGE Ct</i> NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH N WEST W EAST E SOUTH S 34 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 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) <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 <i>Howard</i> <i>13</i> COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S → DATE ISSUED <i>08/10/00</i> <i>Craig Wilkins</i> 8/9/01 43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID <i>520</i> 0 0 0 EAST GRID <i>0790</i> 0 0 0 50 55 57 63		
APPROXIMATE DEPTH OF WELL <i>150</i> FEET 24 28 APPROXIMATE DIAMETER OF WELL <i>64</i> INCH NEAREST INCH		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X <i>0790000</i> SOURCES OF DRILLING WATER 1. <i>well</i> 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E <i>790</i> N <i>520</i> 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 		
METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN <input checked="" type="checkbox"/> AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) 37 CABLE REVerse-ROTary DRive-POINT other _____				
REPLACEMENT OR DEEPEINED 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 DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 _____ 52				
Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER 54 _____ G A P _____ 63 PERMIT No. <i>40 - 94 - 2804</i> 70 71 72 73 74 75 76 77 78 79				
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -				

LOT 11

LINE  
SEE  
SHEET

WINDRIDGE COURT

10' Public Tree  
Maintenance  
Easement

10,000 SQ.FT.  
SEPTIC AREA

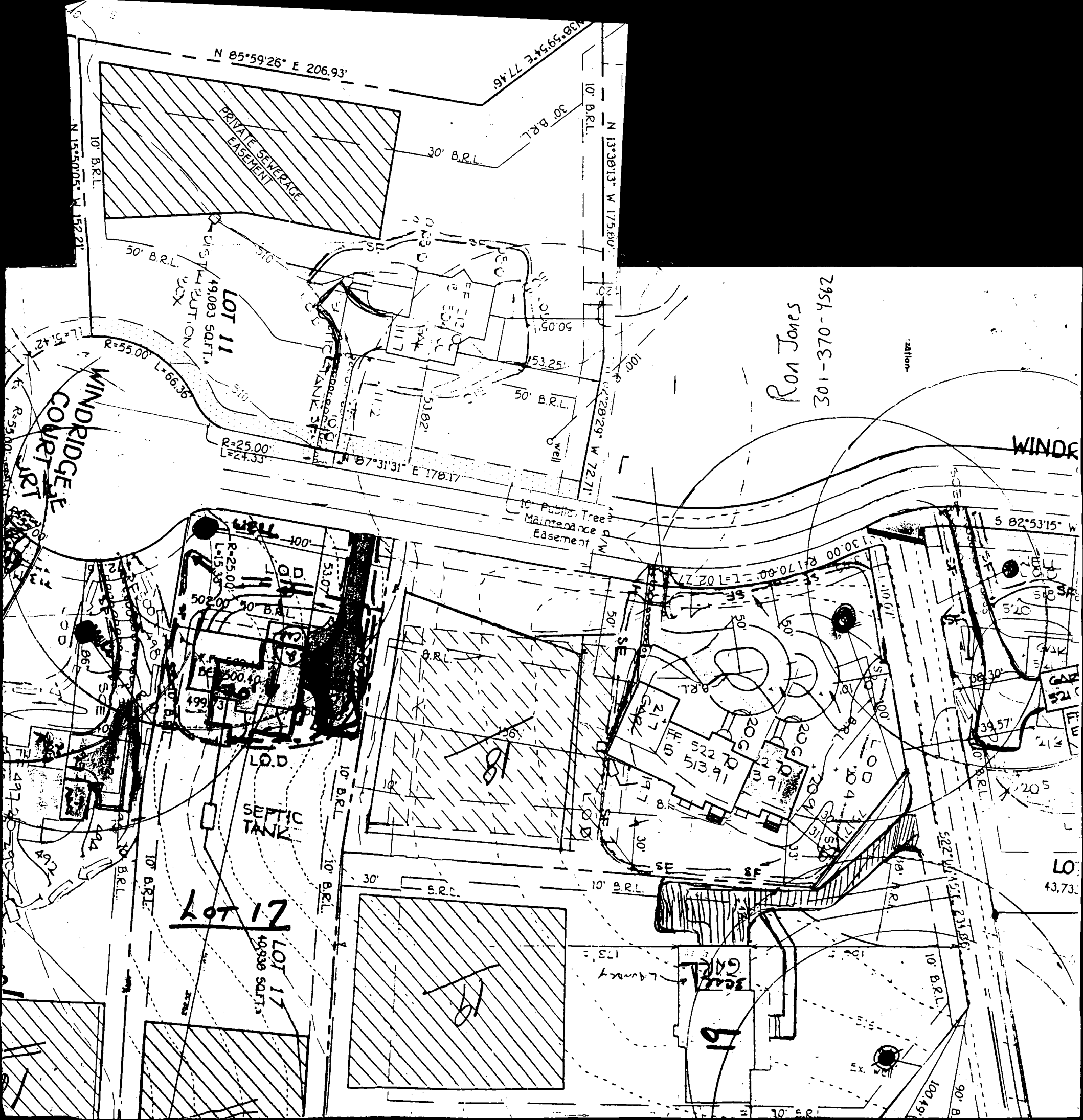
LOT 18

**LOT 19**

- 30' WIDE USE-IN-COMMON  
EASEMENT FOR INGRESS  
& EGRESS TO LOTS 11, 12,  
13 & PRESERVATION PARCEL "A"

五





# APPLICATION

PERCOLATION TESTING

A 58947M

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT 04

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 RAY + JANE CUBBAGE

ADDRESS 14564 Dorsey Mill Rd PHONE 410-489-7017  
Glencol, MD 21738

AGENT OR PROSPECTIVE BUYER SUSQUEHANNA LAND HOLDING CO

ADDRESS 1814 Hyman Lst. Crofton, MD 21114 PHONE 410-451-3916

PROPERTY LOCATION:

SUBDIVISION Cubbage Sub LOT NO. 13 (10)

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP 21 PARCEL # 31

SIZE OF LOT 1+ AC. TYPE BLDG. SFD  
(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

58947M

COUNTY #

SOIL PROFILE

0'

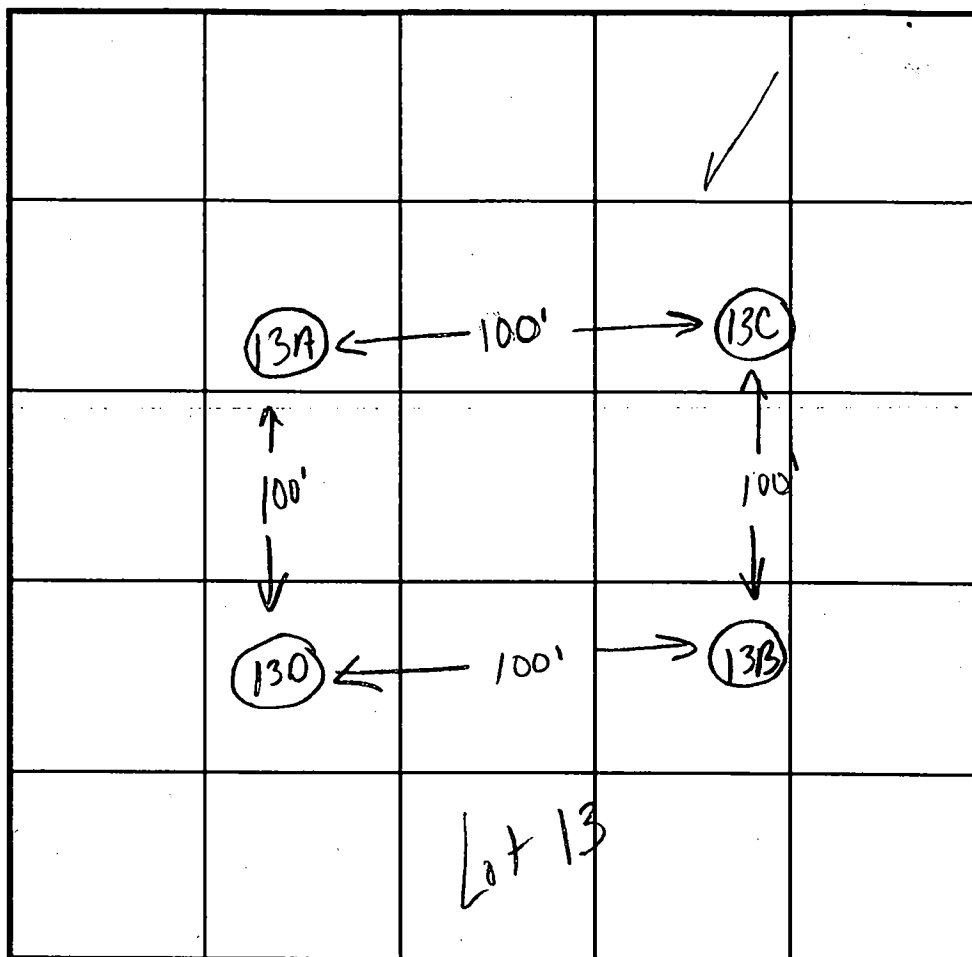
Same  
as  
hole  
#  
130

(13B)

Same  
as  
hole  
#130

(13C)

Same  
as  
hole  
#  
130



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0'

or br  
clay  
1m

1+ tan/  
pink  
Silty  
powder  
loam  
20%  
Shale

3.0'

12.0'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-7-97	13A	3.0'S	11:23	11:26	11:26	11:29	3min ✓
		6.0'D	11:2130	11:24	11:24	11:27	3min ✓
		12.0'D	Visual ok - see profile				
	13B	3.0'S	11:33	11:35	11:35	11:38	3min
		11.0'D	Visual ok - see profile				
	13C	11.0'D	Visual only - ok see profile				
	130	3.0'S	11:15	11:1630	11:1630	11:1830	2min ✓
		12.0'D	Visual ok - see profile				

REMARKS test holes staked

TYPE OF SOIL

TESTED BY

Kim Maiste / Kim Soe

ALSO PRESENT

Hugo + Jeff

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

2-3 minutes

TRENCH WIDTH

3

INLET DEPTH

3

MAXIMUM BOTTOM DEPTH

5

SQ. FT./BEDROOM

180

58947.L

COUNTY #

SOIL PROFILE

0' 12A

or/br  
clay  
loam

3.5'

lt tan/  
orange  
Silty sand  
loam

7.0'

rock  
outcrop  
20%

10.5'

12B

or/br  
clay  
loam

3.0'

20%  
rock  
outcrop

7.0'

tan/pink  
powdery  
silt  
loam

10.0'

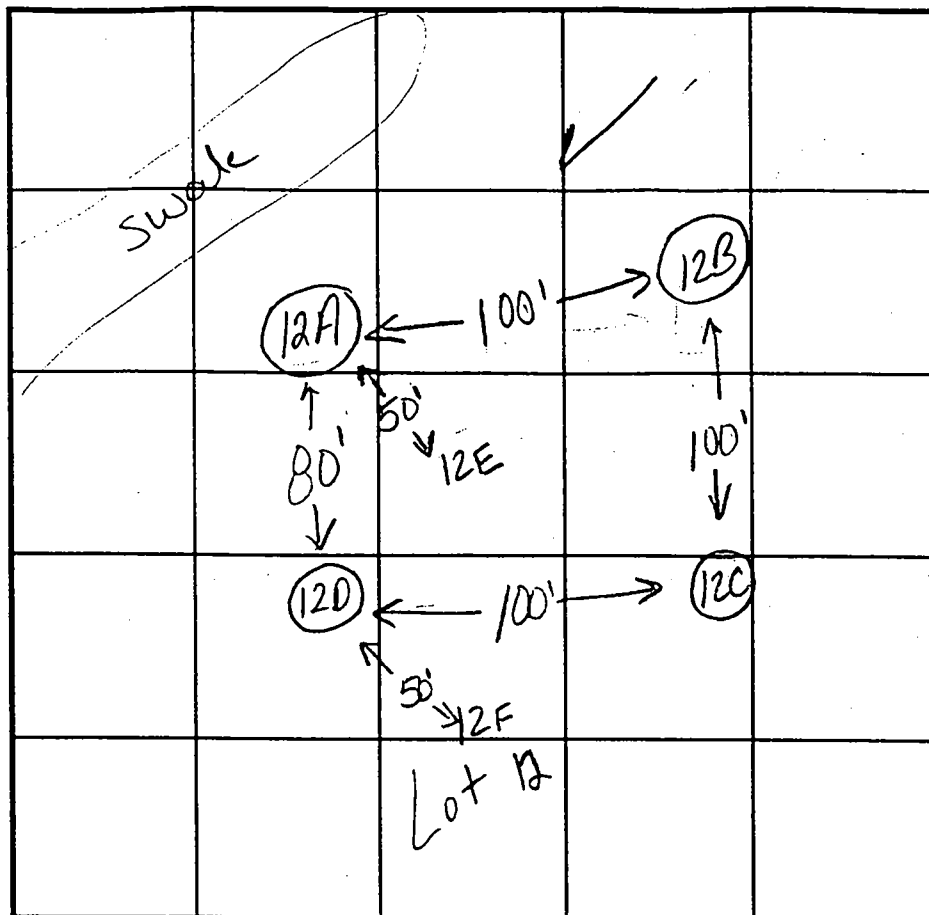
12C

rd/or  
clay  
loam

2.0'

lt tan/  
pink  
powdery  
silt  
loam

11.5'

15%  
shale  
frags

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL

0' 12A

or/br  
clay  
loamlt tan/  
pink  
powdery  
silt loam  
10%  
shale  
frags

12.0'

12E + 12F

or/br  
clay  
loam

3.0'

br/or  
silt  
10-15%  
shale frags

11.0'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-6-97	12A	4.0'S	10:48	10:51:30	10:51:30	10:58	6:30
		10.5'D	Visual	OK - see profile			
	12B	3.0'S	11:10	11:11	11:11	11:13	2min
		10.0'D	Visual	OK - see profile			
	12C	2.5'S	11:03:30	11:05:30	11:05:30	11:08:30	3min
		6.0'S	11:03:30	11:05	11:05	11:08	3min
		11.5'D	Visual	OK - see profile			
	12D	12.0'D	Visual	OK - see profile			
4-28-98	12F	11.0'D	Visual	OK - see profile			
4-28-98	12E	3.0'S / 11.0'D	10:45	10:52	10:52	11:04	12min

REMARKS test holes staked

TYPE OF SOIL

TESTED BY

Kim Maister / Amy McMillan

ALSO PRESENT

Huan + Jeff Allen

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

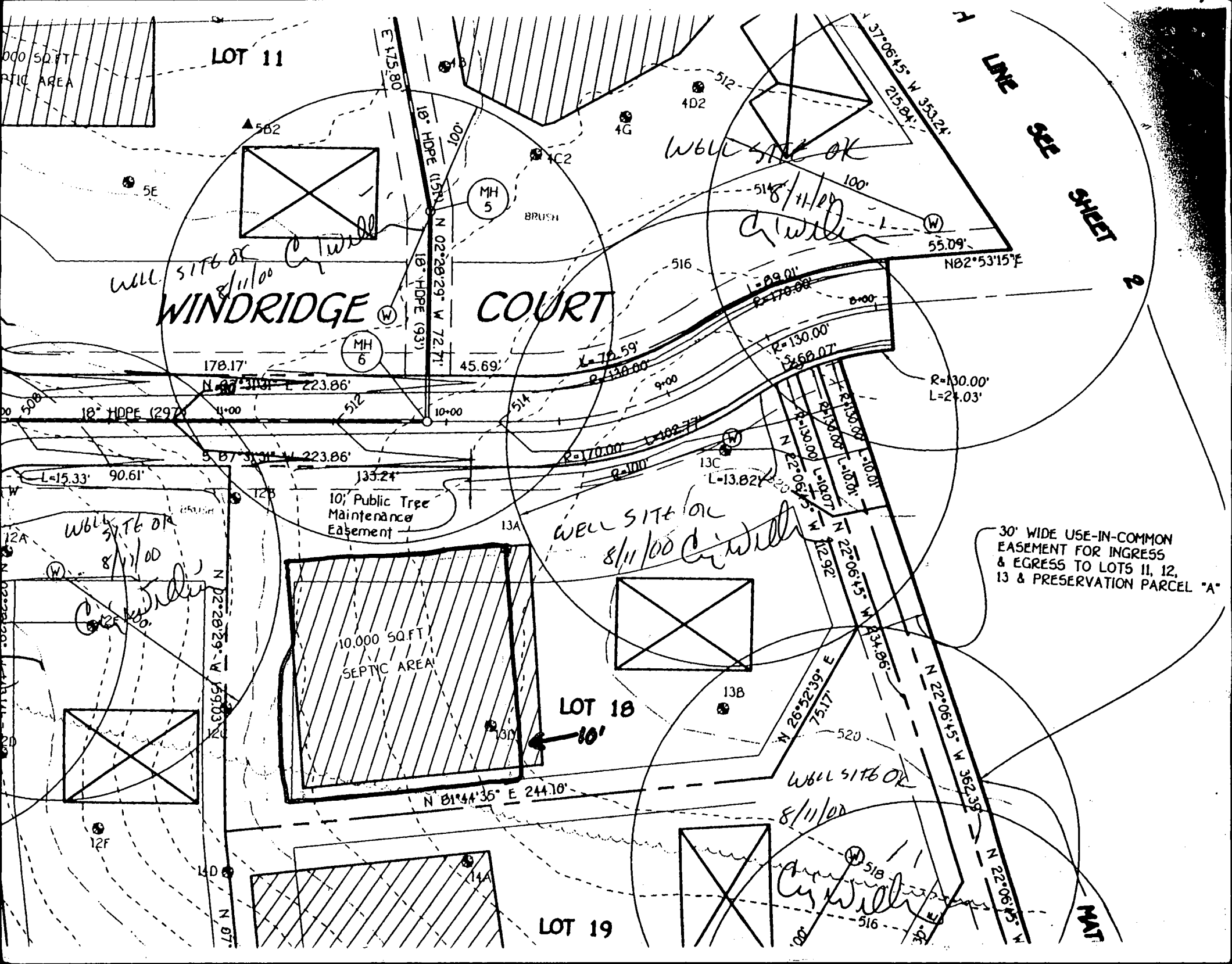
TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

180



BUILDABLE  
PAV  
WINDRI  
SECTION  
PLAT Nos.

24' Wide Access Easement  
For Ingress And Egress To  
Lots 20 And 21.  
Maintenance Agreement  
Recorded Among The Land  
Records Of Howard County,  
Maryland

30' Wide Access Easement  
For Ingress And  
Egress To Lots  
18, 19, 20 And 21.  
Maintenance  
Agreement  
Recorded Among  
The Land Records  
Of Howard  
County, Maryland

**LOT 18**  
40,122 SQ.FT.

F.00.178

**LOT 19**  
42,314 SQ.FT.

NON-BUILDABLE  
BULK PARCEL 'B'  
WINDRIDGE FARMS  
SECTION 2, AREA 1  
PLAT Nos. THRU

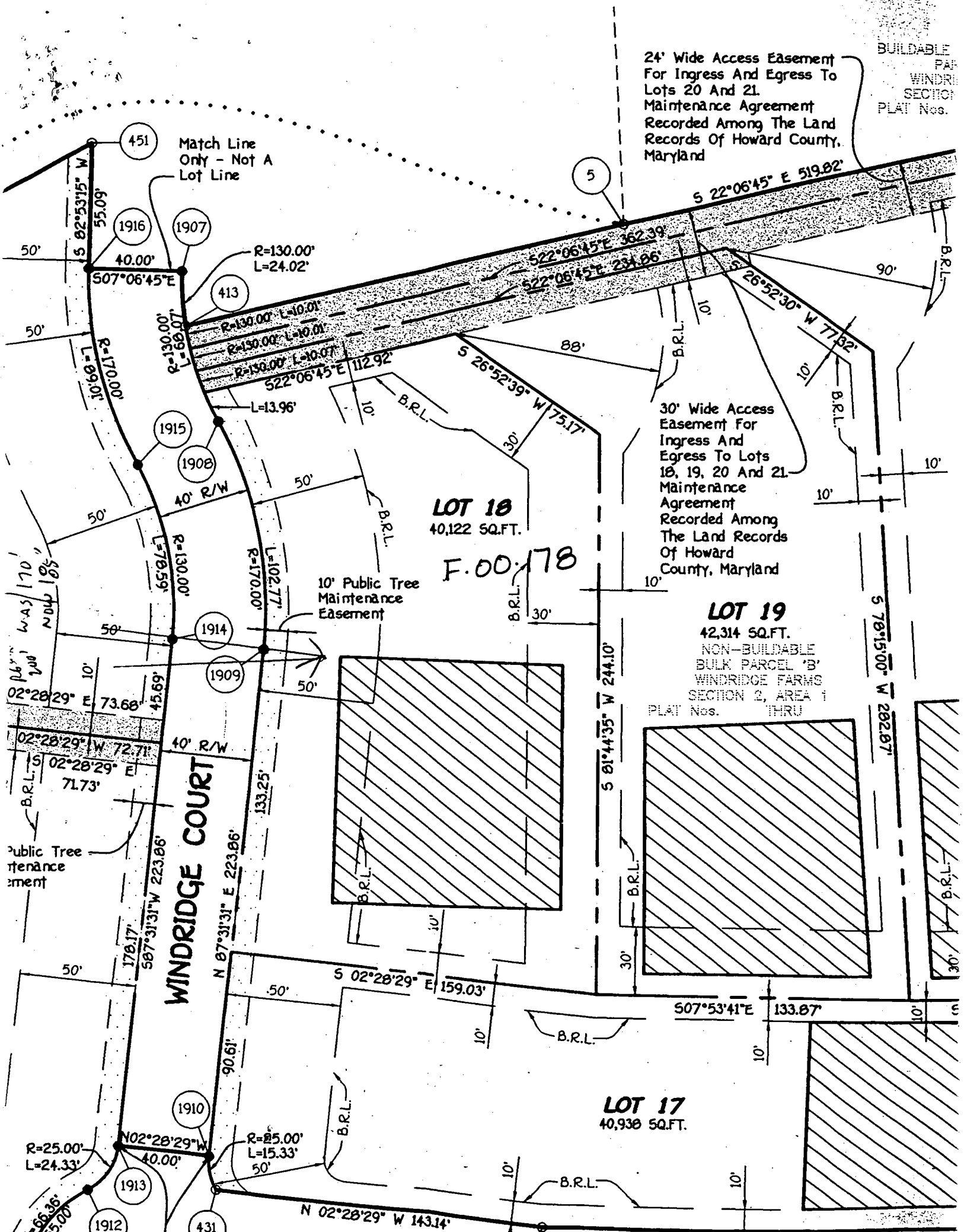
**LOT 17**  
40,930 SQ.FT.

**WINDRIDGE COURT**

Match Line  
Only - Not A  
Lot Line

10' Public Tree  
Maintenance  
Easement

Public Tree  
Maintenance  
Easement



CASE NO. JONES

WALL CHECK  
WINDRIDGE FARMS

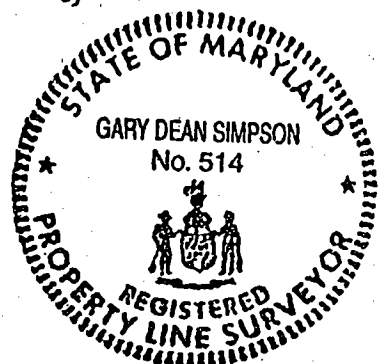
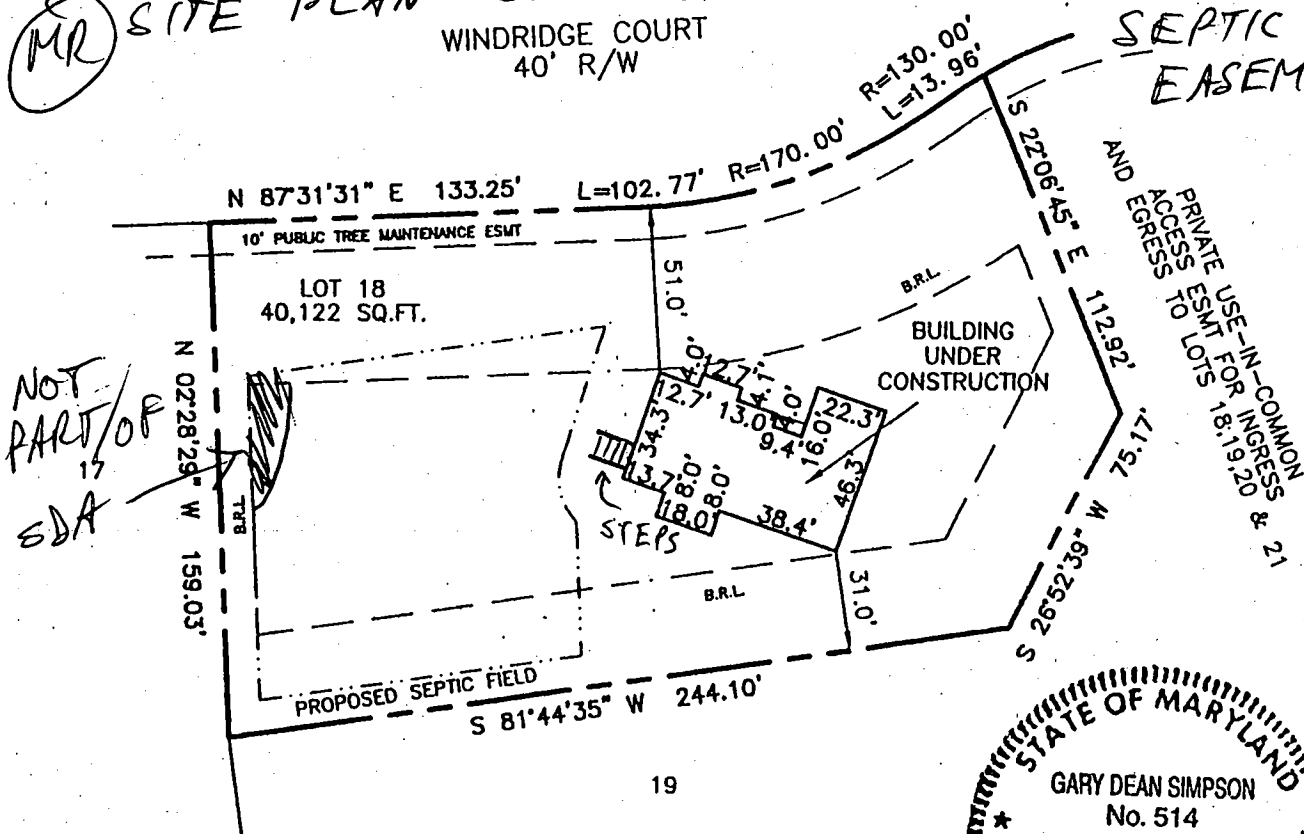
SECTION 2, AREA 2  
LOTS 8 THRU 26  
(A RESUBDIVISION OF NON-BUILDABLE BULK PARCEL 'B', "WINDRIDGE  
FARMS, SECTION 2, AREA 1", PLAT NOS. 14319 THRU 14322)  
LOT 18  
HOWARD COUNTY, MARYLAND

5/28/02 WALL CHECK REC'D, BUT FINAL REVISED BP  
MR SITE PLAN NOT REC'D; S. FORNEY TO DELIVER

6/27/02 WALL CHECK CONSISTENT W/FINAL REVISED  
MR SITE PLAN - SEE SITE PLAN FOR ADJUSTED

WINDRIDGE COURT  
40' R/W

SEPTIC  
EASEMENT



PROPERTY ADDRESS: WINDRIDGE COURT

THE PROPERTY SHOWN HEREON IS LOCATED IN ZONE C (AREA OF MINIMAL FLOODING) ACCORDING TO NATIONAL FLOOD INSURANCE PROGRAM F.I.R.M. MAP COMMUNITY PANEL NO. 240044 0020 B AS REVISED 12-04-86

**CERTIFICATE**  
I HEREBY DECLARE THAT THE POSITION OF ALL THE VISIBLE EXISTING IMPROVEMENTS SHOWN ON THE ABOVE DESCRIBED PROPERTY HAVE BEEN ESTABLISHED BY PROPER FIELD METHODS.

REFERENCES

PLAT BK.  
PLAT NO. 14685  
LIBER  
FOLIO

**CMS**

CENTRAL MARYLAND SURVEYORS, INC.

4319 NORTHMEW DRIVE (301) 282-2500 FAX (301) 282-8878 BOWIE, MD 20716

DATES:

SCALE: 1" = 60'

WALL CHECK: 01-04-02

DRAWN BY: MLC

HSE. LOC.:

JOB NO.: 1545-01

BOUNDARY:

GARY DEAN SIMPSON  
Reg. MARYLAND Property Line Surveyor No. 514

- NOTES:
- 1) This location drawing is of benefit to a consumer only in so far as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or refinancing.
  - 2) This location drawing is not to be used for the building of fences or other improvements.
  - 3) This location drawing is not to be relied upon for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or refinancing.
  - 4) B.R.L. Information, if shown was obtained from existing record plat or was provided to CMS, and is not guaranteed by CMS, Inc.
  - 5) Flood Zone information is subject to the interpretation of the originator.
  - 6) CMS, Inc. does not certify to unshown or unrecorded encroachments or overlaps.
  - 7) Level of accuracy 0.5±.

Test: MSMT 509  
 Test: MSMT 509  
 Test: MSMT 322  
 Test: MSMT 322

5. CONTRACTOR / BUILDER TO  
 ANY CONSTRUCTION.  
 6. THERE IS NO BASEMENT SE

shall be overlapped,  
 and maintained when  
 the fabric height.

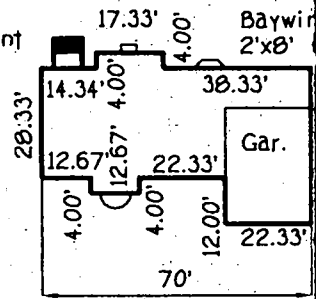
Private Use-In-Common Access  
 Easement For Ingress And Egress  
 To Lots 18, 19, 20 And 21.  
 Maintenance Agreement Recorded  
 Among The Land Records Of  
 Howard County, Maryland

SEPTIC AREA COMPROMISED  
 DURING BP REVIEW, 10K  
 REMAINS

INV AT HOUSE 515.70  
 INV IN AT TANK 515.40  
 INV OUT AT TANK 515.10  
 PROP. GRADE AT TANK 518.00  
 EX. GRADE AT BOX 517.00  
 INV AT BOX 514.50

Area of septic easement to be  
 abandoned

Basement  
 Steps



SEPTIC AREA  
 ADDED

Total linear feet of trench  
 required 240 feet

Area to be added to  
 septic easement

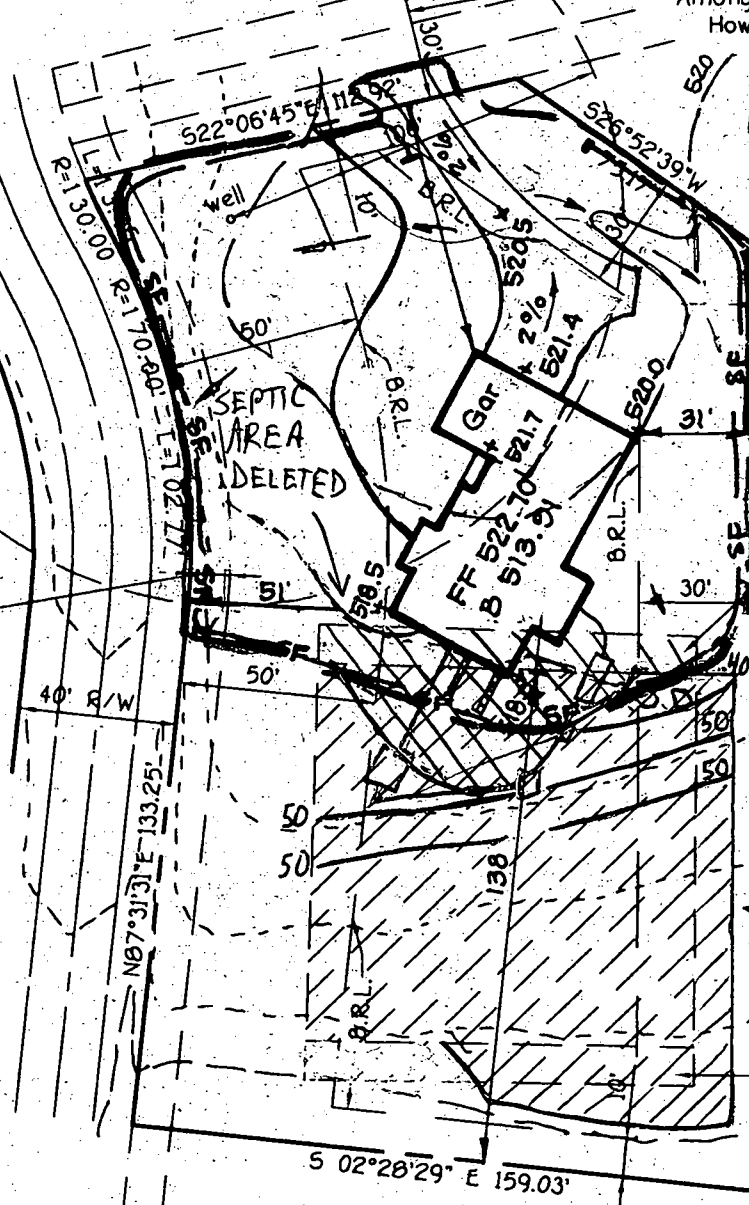
Width of trench(es) 3.0 feet

Depth of trench(es) 5.0 feet

Depth of stone required below  
 distribution pipe 2.0 feet

WINDRIDGE COURT  
 APPROX  
 WELL  
 LOC  
 LOT 17

10' Public Tree  
 Maintenance  
 Easement



LOT 18  
 Approved Septic System Plan  
 Howard County Health Department

APPROX.  
 WELL  
 LOC.  
 LOT 17

Mark Rfk  
 Signature

6/27/02  
 Date

NO REVISION REQUIRED

PLAN TO ACCO  
 FOR BU  
 WINDRIDGE  
 TAX MAP  
 FOURTH ELECTION DISTRICT  
 SCALE 1"=50'



# ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

*Enrich Law* 8/14/01  
SIGNATURE OF ENGINEER DATE

# DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT."

*Steve Faney* 8/29/01  
SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

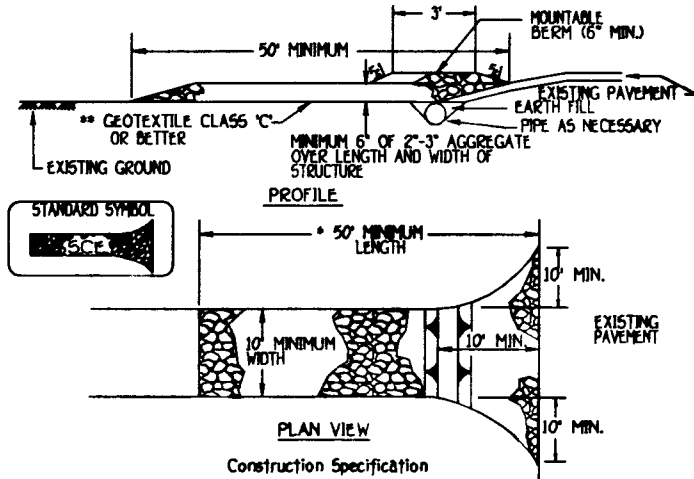
*Tom Wynn* 8/23/01  
USDA NATURAL RESOURCES CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

*John Whitton* 8/23/01  
HOWARD COUNTY SOIL CONSERVATION DISTRICT DATE

## SEDIMENT CONTROL NOTES

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (03-10-09).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THEREOF.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1, b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 50), 500 (SEC. 54), TEMPORARY SEEDING (SEC. 50), AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:  
TOTAL AREA OF SITE: 0.92 ACRES  
AREA TO BE ROADED OR PAVED: 0.51 ACRES  
AREA TO BE VEGETATIVELY STABILIZED: 0.40 ACRES  
TOTAL CUT: 500 CUBIC YARDS  
TOTAL FILL: 500 CUBIC YARDS  
OFFSITE WASTE/BORROW AREA LOCATION:  
a) ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.  
b) ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.  
c) ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, PRIOR TO APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.



- Length - minimum of 50' (30' for single residence lot).
- Width - 10' minimum, should be flared at the existing road to provide a turning radius.
- Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. The plan approval authority may not require single family residences to use geotextile.
- Stone - crushed aggregate 1/2" to 3/4" or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
- Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mounded berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
- Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

## STABILIZED CONSTRUCTION ENTRANCE - 2

NOT TO SCALE

FISHER, COLLINS & CARTER, INC.  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELICOTT CITY, MARYLAND 21042  
(410) 461-2855

## SEQUENCE OF CONSTRUCTION

- Obtain grading permit.
- Install sediment controls as shown on plan (day).
- Perform necessary grading and stabilize the site. (2 days)
- Construct dwelling on site. (190 days)
- After the site is stabilized and permission is granted from the sediment control inspector, remove sediment controls and stabilize any remaining disturbed areas.

Apply to graded or cleared areas likely to be redistributed where a short-term vegetative cover is needed.

SEEDING PREPARATION:  
Loosen upper three inches of soil by raking, disking or other acceptable means before seeding. If not previously loosened.

SOIL AMENDMENTS:  
Apply 600 lbs. per acre 10-10-10 fertilizer (4 lbs./1,000 Sq. Ft.)

SEEDING:  
For the periods March 1 through April 30, and August 15 through November 15, seed with 1-1/2 bushel per acre (1/2 lb./1,000 Sq. Ft.)

For the period May 1 thru August 14, seed with 3 lbs./acre of weeping lovegrass (0.7 lbs./1,000 Sq. Ft.). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

MULCHING:  
Apply 1-1/2 to 2 tons per acre (70 to 90 lbs./1,000 Sq. Ft.) or unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 210 gallons per acre (5 gal./1,000 Sq. Ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (18 gal./1,000 Sq. Ft.) for anchoring.

Refer to the 1998 Maryland Standards and Specifications for Soil Erosion and sediment control for rate and methods not covered.

PERMANENT SEEDING NOTES:  
All disturbed areas shall be stabilized as follows:

SEEDING PREPARATION:  
Loosen upper three inches of soil by raking, disking or other acceptable means before seeding.

SOIL AMENDMENTS:  
Apply two tons per acre Dolomitic Lime Stone (92 lbs./1,000 Sq. Ft.) and 500 lbs. per acre 0-20-20 fertilizer (4 lbs./1,000 Sq. Ft.) before seeding narrow or disking. Into upper three inches of soil. At time of seeding, apply 400 lbs. per acre 30-0-0 urea-formaldehyde fertilizer (9 lbs./1,000 Sq. Ft.) and 500 lbs. per acre (11.5 lbs./1,000 Sq. Ft.) of 10-20-20 fertilizer.

SEEDING:  
For the periods March 1 through April 30, and August 1 through October 15, seed with 100 lbs. per acre (2.3 lbs./1,000 Sq. Ft.) of Kentucky 31 Tall Fescue, for the period May 1 through July 31, seed with 60 lbs./acre (1.4 lbs./1,000 Sq. Ft.) of Kentucky 31 Tall Fescue and 2 lbs. per acre (0.05 lbs./1,000 Sq. Ft.) of weeping lovegrass. During the period of October 16 through February 28, protect site by: Option (1) - two tons per acre of well anchored straw mulch and seed as soon as possible in the spring; option (2) - use Sod Option (3) - seed with 100 lbs./acre Kentucky 31 Tall Fescue and mulch with two tons/acre well anchored straw. All slopes should be hydroseeded.

MULCHING:  
Apply 1-1/2 to 2 tons per acre (70 to 90 lbs./1,000 Sq. Ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using 200 gallons per acre (5 gal./1,000 Sq. Ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher use 348 gallons per acre (18 gal./1,000 Sq. Ft.) for anchoring.

MAINTENANCE:  
Inspect all seeded areas and make needed repairs, replacements and reseeding.

\* For public ponds substitute Chemung Crownwetch at 15 lbs./acre and Kentucky 31 Tall Fescue at 40 lbs./acre as the seeding requirement. Optimum seeding date for this mixture is March 1 to April 30.

TOPSOIL SPECIFICATIONS - Soil to be used as topsoil must meet the following:  
Topsoil shall be a loam, sandy loam, clay loam, silty loam, silty clay loam, loamy sand. Other soils may be used if recommended by an agronomist or soil scientist and approved by the appropriate approval authority. Regardless, topsoil shall not be a mixture of contrasting texture subsoil and shall contain less than 9% by volume of cinders, stones, slag, coarse fragments, gravel, sticks, roots trash, or other materials larger than 1-1/2" in diameter.

Topsoil must be free of plants or plant parts such as Bermuda Grass, Quackgrass, Johnson grass, Nutgrass, Poison Ivy, Thistle, or others as specified.

Where the topsoil is either highly acidic or composed of heavy clays, ground limestone shall be spread at the rate of 4-6 tons/acre (200-400 pounds/4,000 Sq. Ft.) prior to the placement of topsoil. Lime shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations as described in the following procedures.

For sites having disturbed areas under 5 acres:  
Place topsoil (if required) and apply soil amendments as specified in 20.0 vegetative stabilization-Section 1 - Vegetative Stabilization Methods and Materials.

## EARTH DIKE

NOT TO SCALE

2:1 SLOPE OR FLATTER

GRADE LINE

CUT OR FILL SLOPE

EXCAVATE TO PROVIDE REQUIRED FLOW WIDTH AT DESIGN FLOW DEPTH

CROSS SECTION

POSITIVE DRAINAGE SUFFICIENT TO DRAIN

PLAN VIEW

FLOW CHANNEL STABILIZATION GRADE 0.5% MIN. 10% MAX.

STANDARD SYMBOL

A-2 B-3

DIKE A DIKE B

b-DIKE HEIGHT 18" 30"

b-DIKE WIDTH 24" 36"

c-FLOW WIDTH 4" 6"

d-FLOW DEPTH 12" 24"

CONSTRUCTION SPECIFICATIONS

1. All temporary earth dikes shall have uninterrupted positive grade to an outlet. Spot elevations may be necessary for grades less than 1%.

2. Runoff diverted from a disturbed area shall be conveyed to a sediment trapping device.

3. Runoff diverted from an undisturbed area shall outlet directly into an undisturbed, stabilized area at a non-erosive velocity.

4. All trees, brush, stumps, obstructions, and other objectionable material shall be removed and disposed of so as not to interfere with the proper functioning of the dike.

5. The dike shall be excavated or shaped to line, grade and cross section as required to meet the criteria specified herein and be free of bank projections or other irregularities which will impede normal flow.

6. Fill shall be compacted by earth moving equipment.

7. All earth removed and not needed for construction shall be placed so that it will not interfere with the functioning of the dike.

8. Inspection and maintenance must be provided periodically and after each rain event.

ALTERNATIVE FOR PERMANENT SEEDING - Instead of applying the full amounts of lime and commercial fertilizer, composted sludge and amendments may be applied as specified below:

Composted sludge material for use as a soil conditioner for sites having disturbed areas over 5 acres shall be tested to prescribe amendments and for sites having disturbed areas under 5 acres shall conform to the following requirements:

a) Composted sludge shall be supplied by, or originate from, a person or persons that are permitted at the time of acquisition of the compost by the Maryland Department of the Environment under Comar 26.04.06.

b) Composted sludge shall contain at least 1 percent Nitrogen, 1.5 percent Phosphorus, and 0.2 percent Potassium and have a pH of 7.0 to 8.0. If compost does not meet these requirements, The appropriate constituents must be added to meet the requirements prior to use.

c) Composted sludge shall be applied at a rate of 1 ton/1,000 Sq. Ft.

Composted sludge shall be amended with a Potassium Fertilizer applied at the rate of 4 lb./1,000 Sq. Ft. and 1/3 the normal lime application rate.

Construction Specifications

1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 100 pound per linear foot.

2. Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

Tensile Strength 50 lb/in (min) Test: HMT 509

Tensile Modulus 20 lb/in (min) Test: HMT 509

Flow Rate 0.3 gal (1/1 minute (max) Test: HMT 322

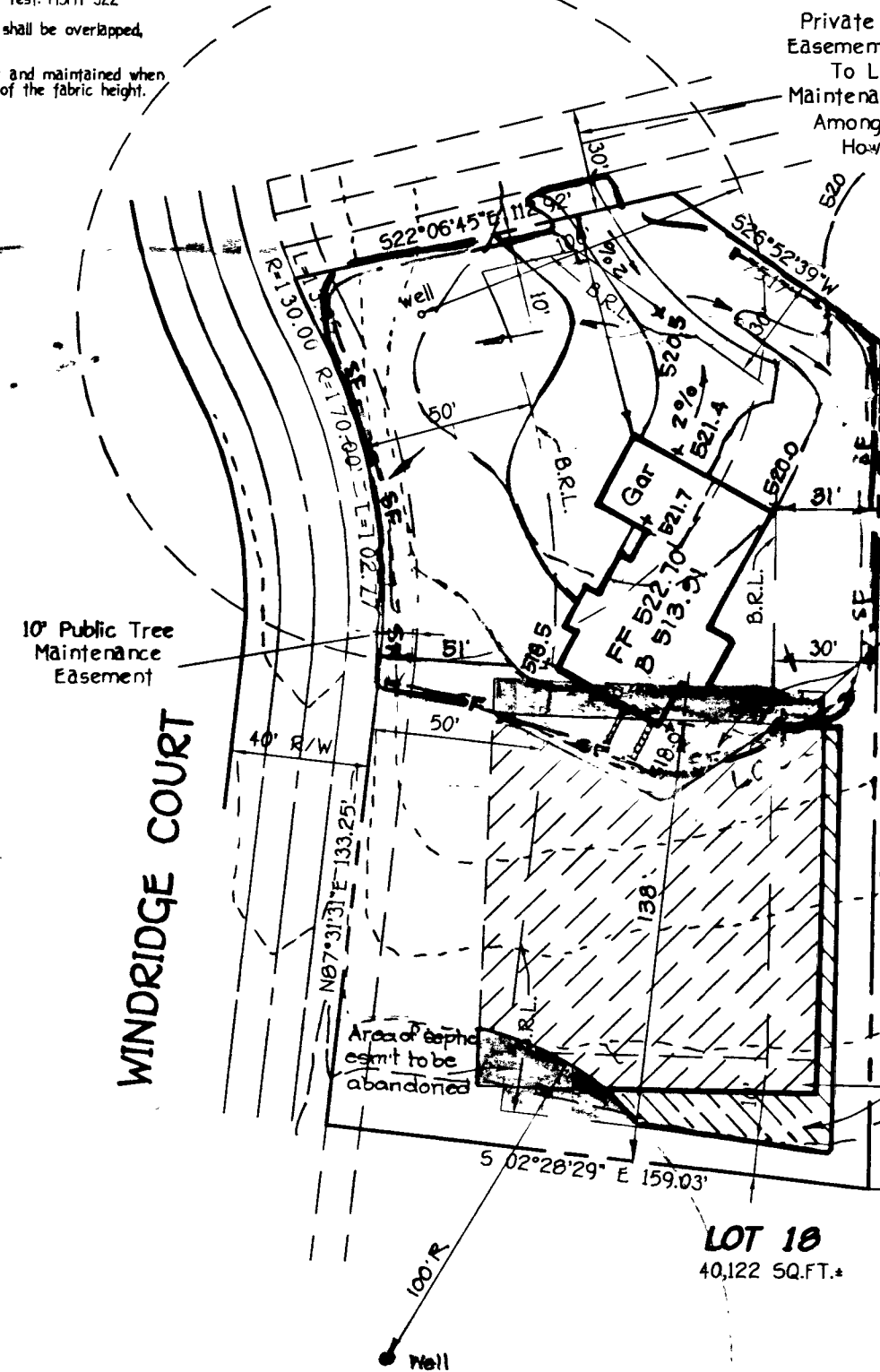
Filtering Efficiency 75% (min) Test: HMT 322

3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.

4. Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

## SILT FENCE

NOT TO SCALE



Private Use-In-Common Access Easement For Ingress And Egress To Lots 18, 19, 20 And 21. Maintenance Agreement Recorded Among The Land Records Of Howard County, Maryland

Area of septic easement to be abandoned

Area to be added to septic easement

Area of septic easement to be abandoned

Area to be added to septic easement

Area of septic easement to be abandoned

Area to be added to septic easement

Area of septic easement to be abandoned

Area to be added to septic easement

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Area of septic easement to be abandoned

Area to be added to septic easement

Area of septic easement to be abandoned

Area to be added to septic easement

## PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT

WINDRIDGE FARMS- LOT 18

TAX MAP 21 PARCEL 31

FOURTH ELECTION DISTRICT HOWARD COUNTY MARYLAND

SCALE 1"=50' DATE: AUGUST 13, 2001

BUILDER Hamilton/Reed 8000 Main Street Ellicott City, Md. 21043

8/23/02 Final Septic Easement Revision (BB)

C-6459

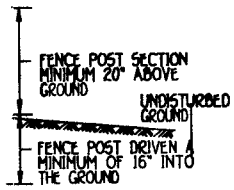
full amounts of lime  
be applied as specified below:  
yes having disturbed  
and for sites having disturbed  
its:  
a person or persons that are  
the Maryland Department of the

n, 1.5 percent Phosphorus, and 0.2  
it does not meet these requirements.  
quirements prior to use.  
10 Sq. Ft.  
applied at the rate of 4 lb./1,000

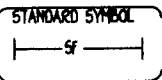
LENGTH FENCE POST,  
MINIMUM OF 16" INTO

MINIMUM HEIGHT OF  
EXTILE CLASS F

MINIMUM DEPTH IN  
AND



SECTION



imum into the  
ut, or 13/4" diameter  
feet posts will be  
per linear foot.

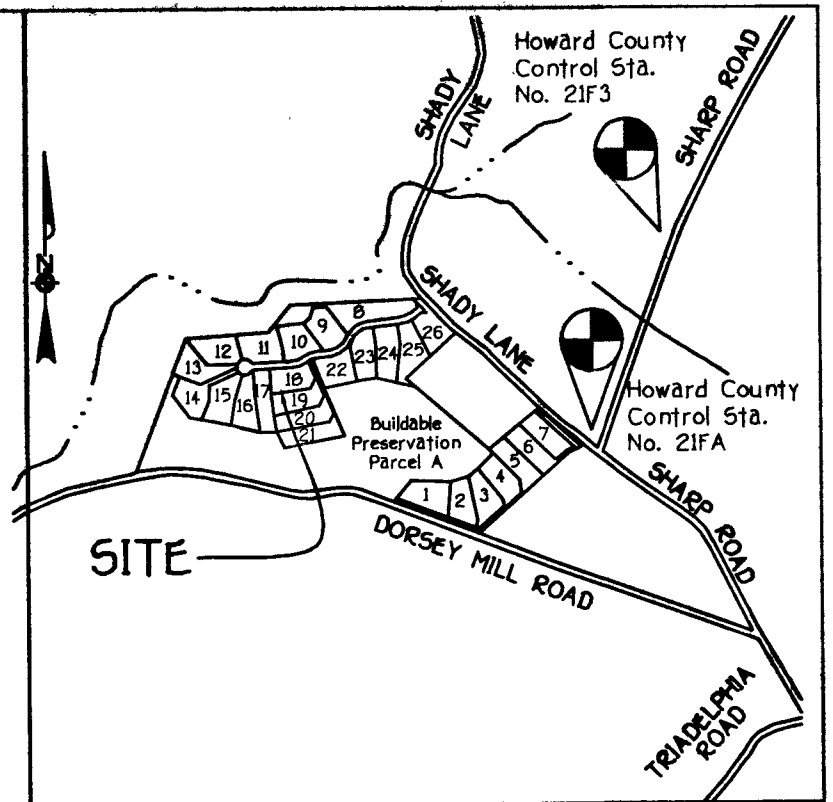
st with wire ties  
ring requirements

est: MGMT 509  
est: MGMT 509  
est: MGMT 322  
est: MGMT 322

will be overlapped,

and maintained when  
the fabric height.

Driveway(s) shall be provided prior to residential occupancy to ensure safe access for fire and emergency vehicles per the following minimum requirements.  
Width- 12 feet (14 feet serving more than one residence).  
Surface- 6 inches of compacted crusher run base with tar and chip coating (1 1/2 inch minimum).  
Geometry- Maximum 15% grade, maximum 10% grade change and 45 foot turning radius.  
Structures (culverts/ bridges)- Capable of supporting 25 gross vehicles tons.  
Drainage Elements- Capable of safely passing 100 year flood with no more than 1 foot depth over driveway.  
Structure Clearance- 12 foot minimum  
Maintenance- Sufficient to ensure all weather use.



VICINITY MAP

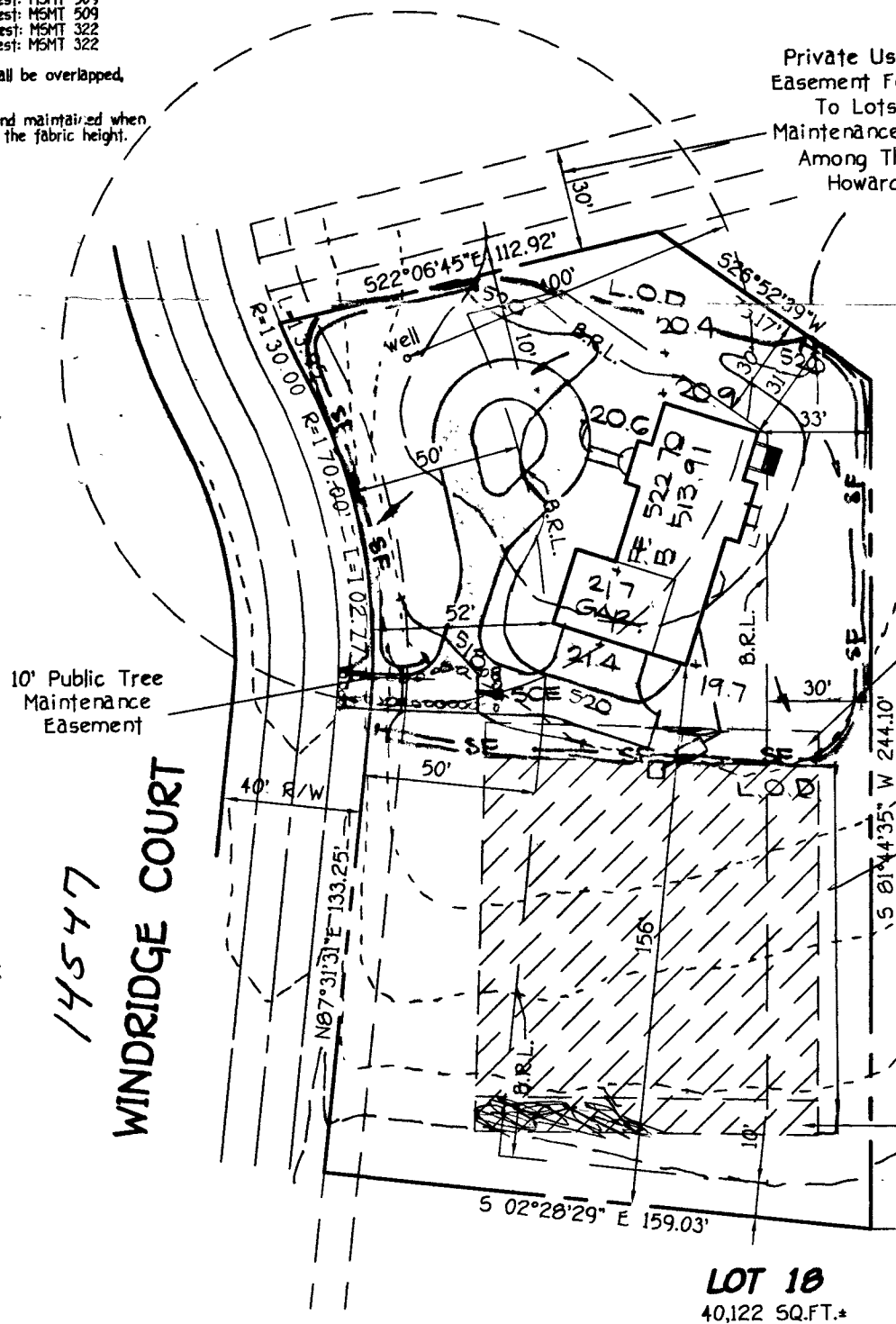
SCALE: 1"=2000'

### GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
2. PROPOSED 1500 GALLON SEPTIC TANK.
3. A. FIRST FLOOR ELEVATION: 522.70  
B. BASEMENT ELEVATION: 513.91  
C. INVERT OF SEPTIC SYSTEM AT HOUSE: 515.70  
D. INVERT IN AT SEPTIC TANK: 515.40  
E. INVERT OUT AT SEPTIC TANK: 515.10  
F. PROPOSED GRADE OVER SEPTIC TANK: 518.00  
G. INVERT AT DISTRIBUTION BOX: 515.00  
H. EXISTING GROUND OVER DISTRIBUTION BOX: 518.00
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
6. THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.

7 DRIVE 4950 EAST STREET

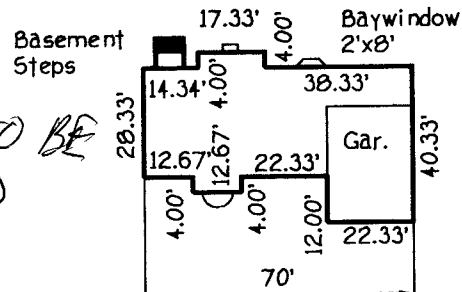
Private Use-In-Common Access  
Easement For Ingress And Egress  
To Lots 18, 19, 20 And 21.  
Maintenance Agreement Recorded  
Among The Land Records Of  
Howard County, Maryland



Area of septic easement to be  
abandoned

AREA TO BE  
ADDED

Area to be added to  
septic easement



BUILDER  
Hamilton/Reed  
8000 Main Street  
Ellicott City, Md.  
21043

LOT 18  
40,122 SQ.FT.\*

BP-02-20

PLAN TO ACCOMPANY APPLICATION  
FOR BUILDING PERMIT  
WINDRIDGE FARMS- LOT 18

TAX MAP 21 PARCEL 31  
FOURTH ELECTION DISTRICT HOWARD COUNTY MARYLAND  
SCALE 1"=50' DATE: AUGUST 13, 2001



# FILE INQUIRY FORM

Property Address: 5971 Sandy Ridge Rd.

1. Name of Homeowner  
Mr. & Mrs. [illegible]  
at [illegible]

2. Name of [illegible] in [illegible]  
[illegible]

3. To determine if basement can be  
adjusted to accommodate pool. Basement  
already previously adjusted. May not  
have enough room. System over designed.  
Needs 150' of trench to meet  
current code.