

12/13/01 - 10AM Layout ^{12/21/01} WPF systems
 12/20/01 - AM Final

ISSUE DATE: 12/11/2001

P 516445 - C

APPROVAL DATE: 12/20/01 (signature)

A 58947-X

PERMIT INDEXED

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

04-365488

Union Paving Co., Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS: 5977 Sandy Ridge Road, 21075 PHONE NUMBER: 410-379-6463

SUBDIVISION: Windridge Farms LOT NUMBER: 22

ADDRESS: 14523 Windridge Court PROPERTY OWNER: Hamilton Reed

SEPTIC TANK CAPACITY (GALLONS): 1250 (TOPSEAM)

PUMP CHAMBER CAPACITY (GALLONS): N/A

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 240

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:	Begin trenches 90 feet off the front lot line and 100 feet off the right lot line as seen when facing the lot from Windridge Court. Run trenches on contour toward the left rear property lines.
NOTES:	stay 100' from Property's well.

PLANS APPROVED: Amy Mc Millen OK SRN 6/25/01 DATE: 6-20-01

- 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

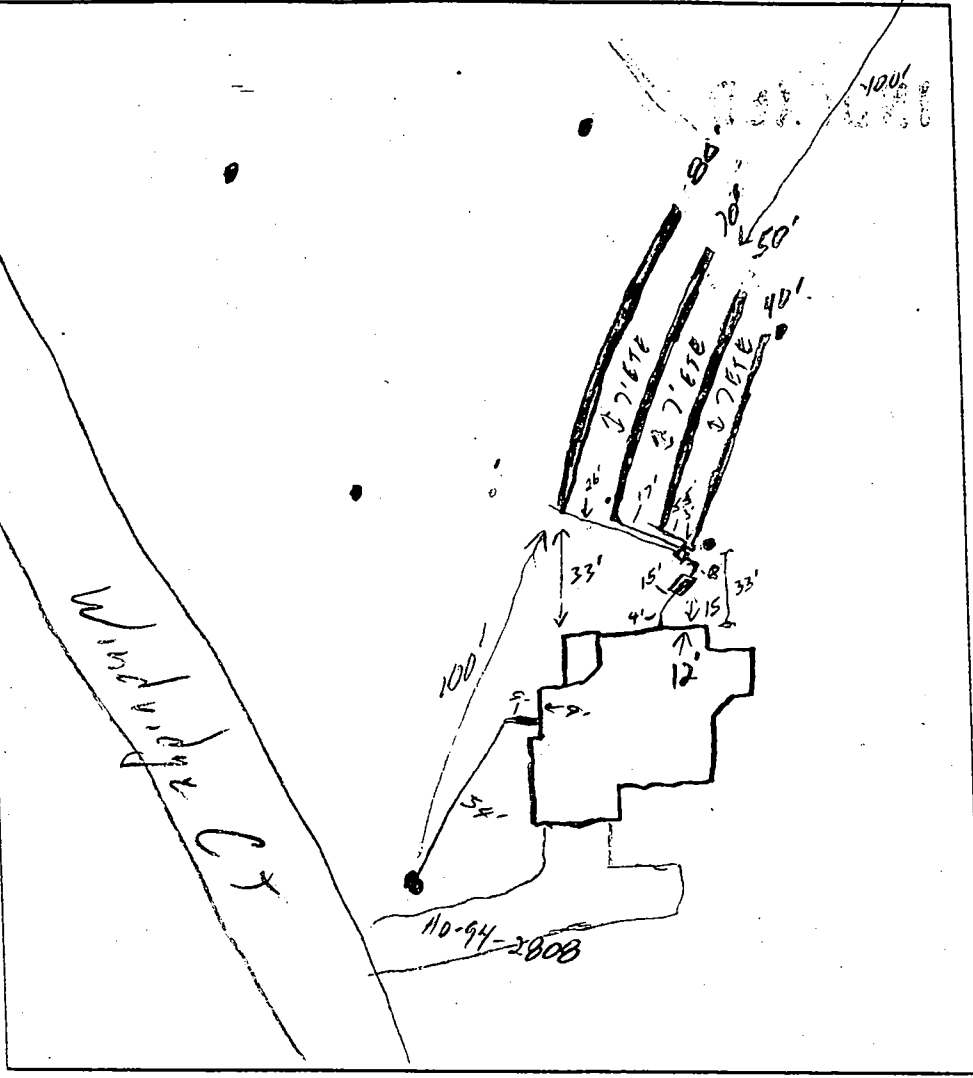
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

BUILDING PERMIT SIGNED AND RETURNED 0-313-2640 FOR INSPECTION OF SEPTIC SYSTEM
 10-9-02 800144510 - DETACHED GARAGE

A58947-X

NOT TO SCALE

well



TRENCH DATA	
TRENCH WIDTH	3'
TRENCH INLET DEPTH	3'
TRENCH BOTTOM DEPTH	5'
DEPTH OF STONE	2'
NUMBER OF TRENCHES	4
TOTAL TRENCH LENGTH	240'
ABSORBENT AREA	720 sq'
DISTRIBUTION BOX LEVEL	yes
BAFFLE IN DISTRIBUTION BOX	yes

SEPTIC TANK DATA	
SEPTIC TANK	1250 TS GALLONS
MANHOLE RISER	Center 2' hi
6 INCH INSPECTION PORT	Front 2'
PUMP CHAMBER DATA	
PUMP CHAMBER GALLONS	
MANHOLE RISER	N/A
ALARM	
PUMP PERFORMANCE TEST	

PRE-CONSTRUCTION INSPECTION: 12/13/01 Layout on contour, 4 trenches @

7' ETK, 10' CTC

INSPECTION COMMENTS: 12/12/01 Tank set, OK to cover @ 12/13/01 2 1/2
 trenches complete, back has broken, OK to cover completed work @
 12/20/01 OK to cover all work, permit signed @

INSPECTOR *[Signature]*

DATE SYSTEM APPROVED *[Signature]*

BUILDING PERMIT SIGNED AND RETURNED

posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter
 and shall be of sound quality hardwood. Steel posts will be
 U section weighing not less than 1.00 pound per linear foot.

depth over driveway.
 Structure Clearance- 12 feet minimum.
 Maintenance- Sufficient to ensure all weather use.

shall be fastened securely to each fence post with wire ties
 top and mid-section and shall meet the following requirements
 Class F:

Strength	50 lbs/in (min)	Test: MSMT 509
Modulus	20 lbs/in (min)	Test: MSMT 509
Rate	0.3 gal ft ² /minute (max)	Test: MSMT 322
Efficiency	75% (min)	

is of geotextile fabric come together, they
 applied to prevent sediment bypass.

shall be inspected after each rainfall event
 or when sediment accumulation reached 50%.

Total linear feet of trench
 required 240 feet

Width of trench(es) 3.0 feet

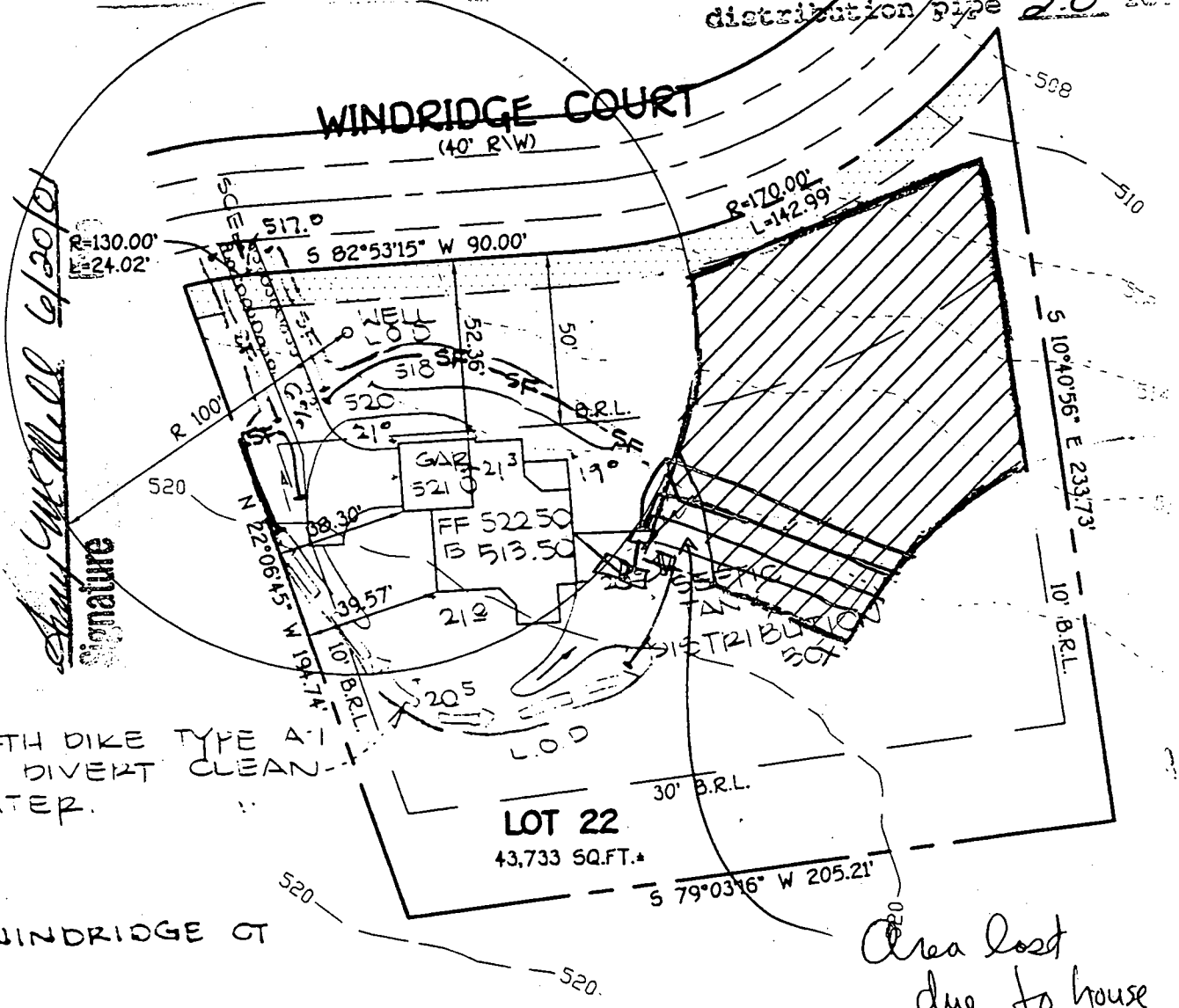
Depth of trench(es) 5.0 feet

Depth of stone required below
 distribution pipe 2.0 feet

SILT FENCE
 NOT TO SCALE

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

Approved Septic System Plan
 Howard County Health Department



EARTH DIKE TYPE A-1
 TO DIVERT CLEAN-
 WATER.

14523 WINDRIDGE CT

Area lost
 due to house
 mvmt.

GENERAL NOTES

- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT
- PROPOSED 1500 GALLON SEPTIC TANK
- A. FIRST FLOOR ELEVATION: 522.50
 B. BASEMENT ELEVATION: 513.50
 C. INVERT OF SEPTIC SYSTEM AT HOUSE: ~~516.0~~ 516.9
 D. INVERT IN AT SEPTIC TANK: ~~516.0~~ 516.2
 E. INVERT OUT AT SEPTIC TANK: ~~516.0~~ 516.0
 F. PROPOSED GRADE OVER SEPTIC TANK: 518.50
 G. INVERT AT DISTRIBUTION BOX: 515.00
 H. EXISTING GROUND OVER DISTRIBUTION BOX: ~~516.0~~ 519.0
- LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
- CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
- THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.



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: CLARKE P+H INC Telephone #: 410-489-4029
Address: 3510 Ridge Rd
Westminster, MD 21157

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

Name (Print): Ken Clarke License# 3808

*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 Farms Lot #: 22 Well Tag #: HO-94-9808
Site Address: 14523 Windridge Ct

Submersible Pump Data

Make: Goulds
Model #: 75805422
Pump Capacity 7 GPM
Well Yield: 10 GPM

Pitless Adapter

Make: Harvard
Model#: P-7-800
Depth: 42 (36" min)
NSF approved:

Well Cap and Electric Conduit

Two piece watertight cap:
Screened, vented well cap:
Cap secured to casing:
Conduit min 18" B.G.:
Conduit secured to well cap:

Depth of well encountered at time of pump installation: 145 (feet)
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 _____

Piping to house

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

House Connection

PVC sleeved to undisturbed soil at wall penetration:
Approximate length of sleeve: 15'
Sleeve caulked and sealed properly:

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: Ken Clarke

date: 3-13-02

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

Date Insp. Requested: 12/21/01 Date Insp. Approved: 12/21/01 (50) SRK

- Inspection Data: Pitless adapter and water supply line at least 36" below grade
- Two piece cap installed and attached to casing securely
- Elec. conduit extends at least 18" below grade/attached to cap properly
- Safety rope installed inside of well casing
- Correct well tag attached properly and casing 8" above finished grade
- Water supply line sleeved adequately at house connection
- Adequate grout observed below pitless adapter

C1 . 07.897

SEQUENCE NO. (MDE USE ONLY)

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 DD YY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2808

OWNER BRS DEVELOPERS STREET OR RFD WINDRIDGE CT TOWN GLENELG SUBDIVISION WINDRIDGE FARMS SECTION LOT 22

WELL LOG

Not required for driven wells

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 9 NO. OF POUNDS 720 GALLONS OF WATER 54 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 30 ft.

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 12 METHOD USED TO MEASURE PUMPING RATE Back

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

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Top Soil, Sandy, Sand Stone, MICKA, Sand Stone, MICKA, Sand Stone, MICKA.

CASING RECORD

types insert appropriate code below (ST, CO, PL, OT) MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 36

WATER LEVEL (distance from land surface) BEFORE PUMPING 38 ft. WHEN PUMPING 40 ft. TYPE OF PUMP USED (for test) S submersible

OTHER CASING (if used)

diagram for other casing with diameter and depth fields.

PUMP INSTALLED

DRILLER INSTALLED PUMP YES (NO) 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) LAND SURFACE (nearest foot) 2

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES (Y) NO (N)

CIRCLE APPROPRIATE LETTER 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.) HO 34 165 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60

DRILLERS LIC. NO. M-S-1111 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

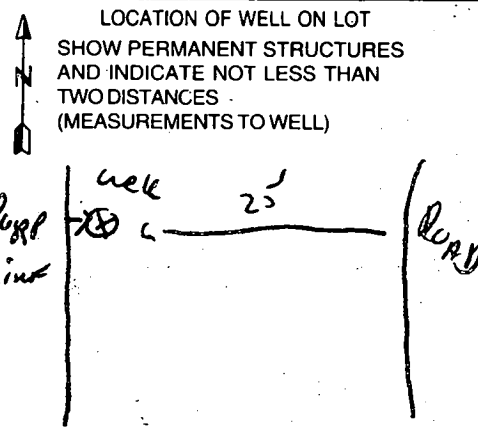
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

LIC. NO. D

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

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

TELESCOPE CASING LOG INDICATOR OTHER DATA



B 1 18654

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

Ho - 94 - 2808

fill in this form completely

W51367 please print or type

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13 BAS Developers LLC
15 Last Name Owner First Name 34
8808 Center Park Dr. Sikes
36 Columbia Mo. 21045
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

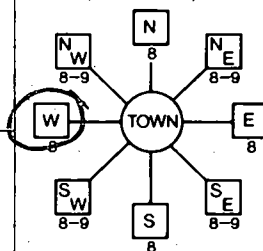
8 COUNTY 21 HOWARD
23 SUBDIVISION WINDRIDGE FARMS
SECTION 2 LOT 22
52 NEAREST TOWN GLENELG

MILES FROM TOWN (enter 0 if in town) I M I
73 76 77 78

DRILLER INFORMATION

DRILLER'S NAME RAYL MAYNE MS D 116
FIRM NAME RAYL MAYNE WELL DRILLING
ADDRESS 9120 Brown Church Rd Mt Airy
Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 NEAR WHAT ROAD 30 WINDRIDGE CT

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
34 25 37
DISTANCE FROM ROAD 14
ENTER FT OR MI 38 39

TAX MAP: BLK: PARCEL

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD 13
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 08 10 00 Craig Williams 8/9/01
43 MM DD YY 48 CO SIGNATURE EXP. DATE
NORTH GRID 520 000 EAST GRID 0798 000
50 55 57 63

APPROXIMATE DEPTH OF WELL 150 FEET
APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)

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

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
D 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 G A P 63
PERMIT No. Ho - 94 - 2808
70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

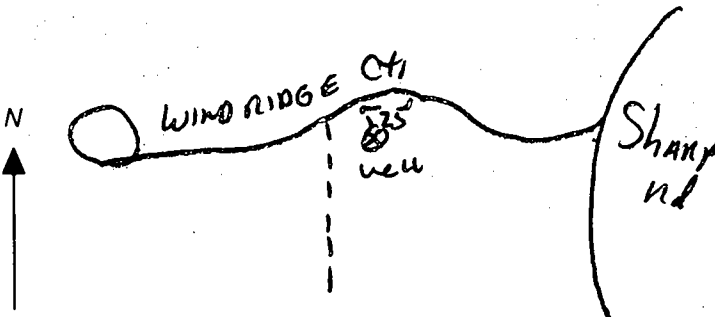
SOURCES OF DRILLING WATER
1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 730
N 520

Handwritten notes: 9/19/00, 11:00 GROUT, location OK, 36', 30', 29' 1/2', 9/19/00

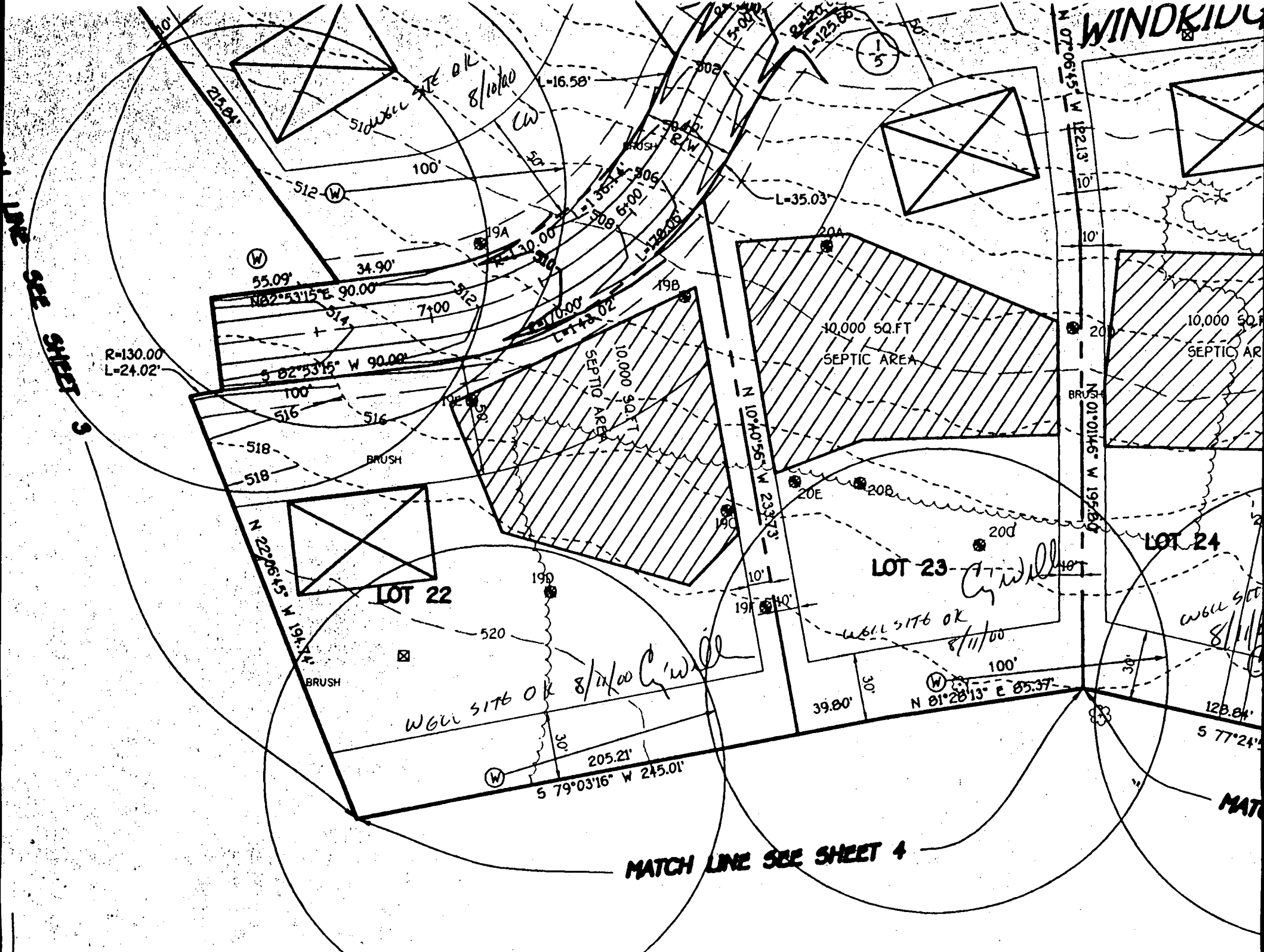
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

WINDRIDG



SEE SHEET 3

MATCH LINE SEE SHEET 4

LOT 24

MATCH

LOT 23
Cywill

LOT 22

WELL SITE OK 8/11/00 *Cywill*

WELL SITE OK 8/11/00

N 01°28'13\" E 85.37'

S 79°03'16\" W 245.01'

R=130.00
L=24.02'

(W)

(W)

(W)

(1/5)

N 82°53'15\" E 90.00'

100'

518

518

N 22°08'45\" W 19.74'

N 15°29'45\" W 19.74'

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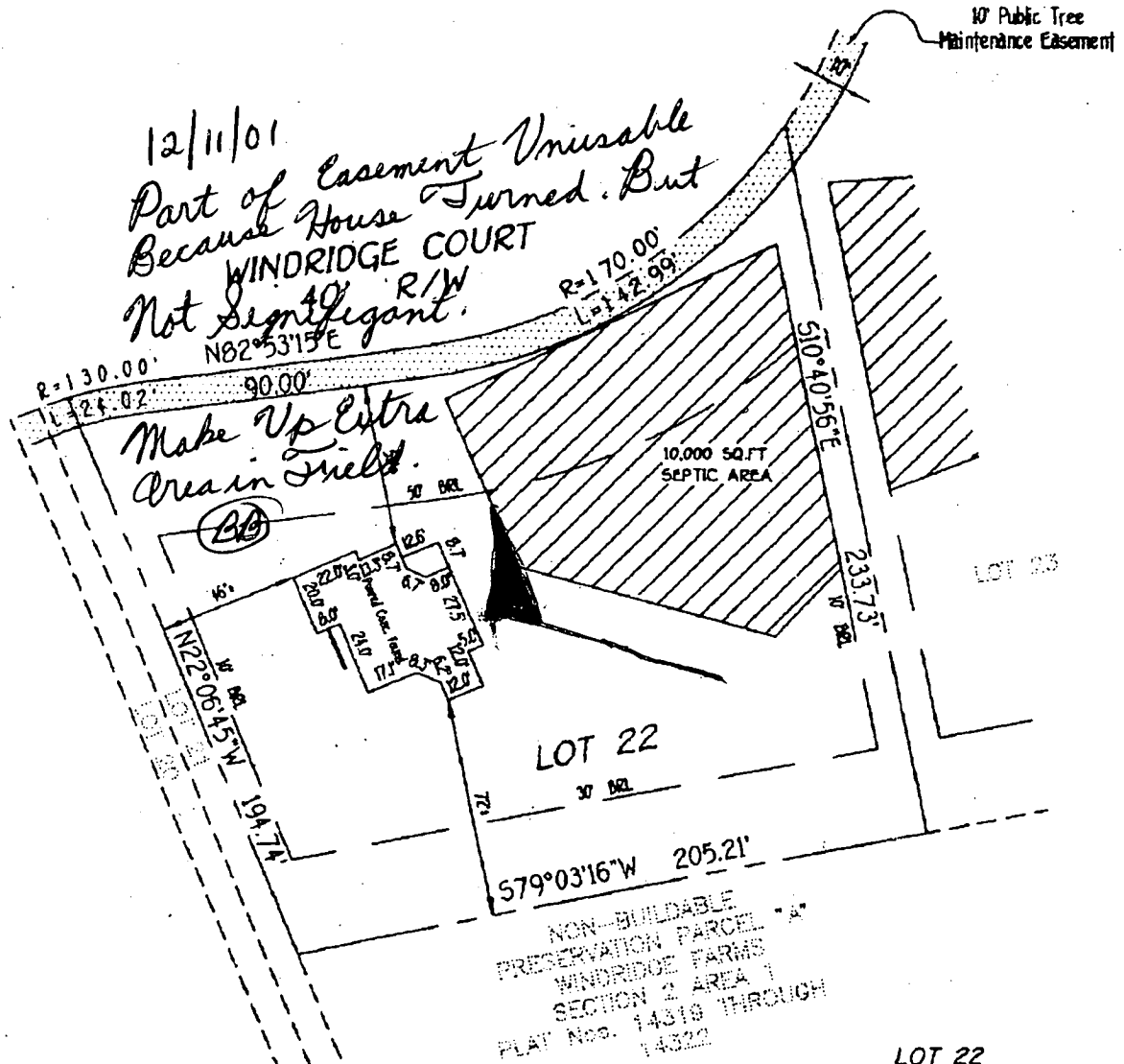
GENERAL NOTES:

1) THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE COMTEMPLATED TRANSFER, FINANCING OR RE-FINANCING OF THE PROPERTY SHOWN HEREON. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS LOCATION DRAWING IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS LOCATION DRAWING DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING FOR RE-FINANCING.

2) SUBJECT PROPERTY IS SHOWN IN ZONE "C" ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 240044 0020 B EFFECTIVE DEC 4, 1996.

3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS, 1" (±)

4) NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.



*12/11/01
Part of Easement Unusable
Because House Turned. But
Not Significant.
WINDRIDGE COURT
R/W
N82°53'15\"/>*

*Make Up Extra
Area in Field.*

LOT 22
WINDRIDGE FARMS
SECTION 2 AREA 2
LOTS B THRU 26
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT REFERENCE: 14606

TOP OF FOUNDATION ELEVATION: 522.5±
ADDRESS: WINDRIDGE COURT

FISHER, COLLINS & CARTER, INC.
CIVIL, ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 20846
(410) 461-2935



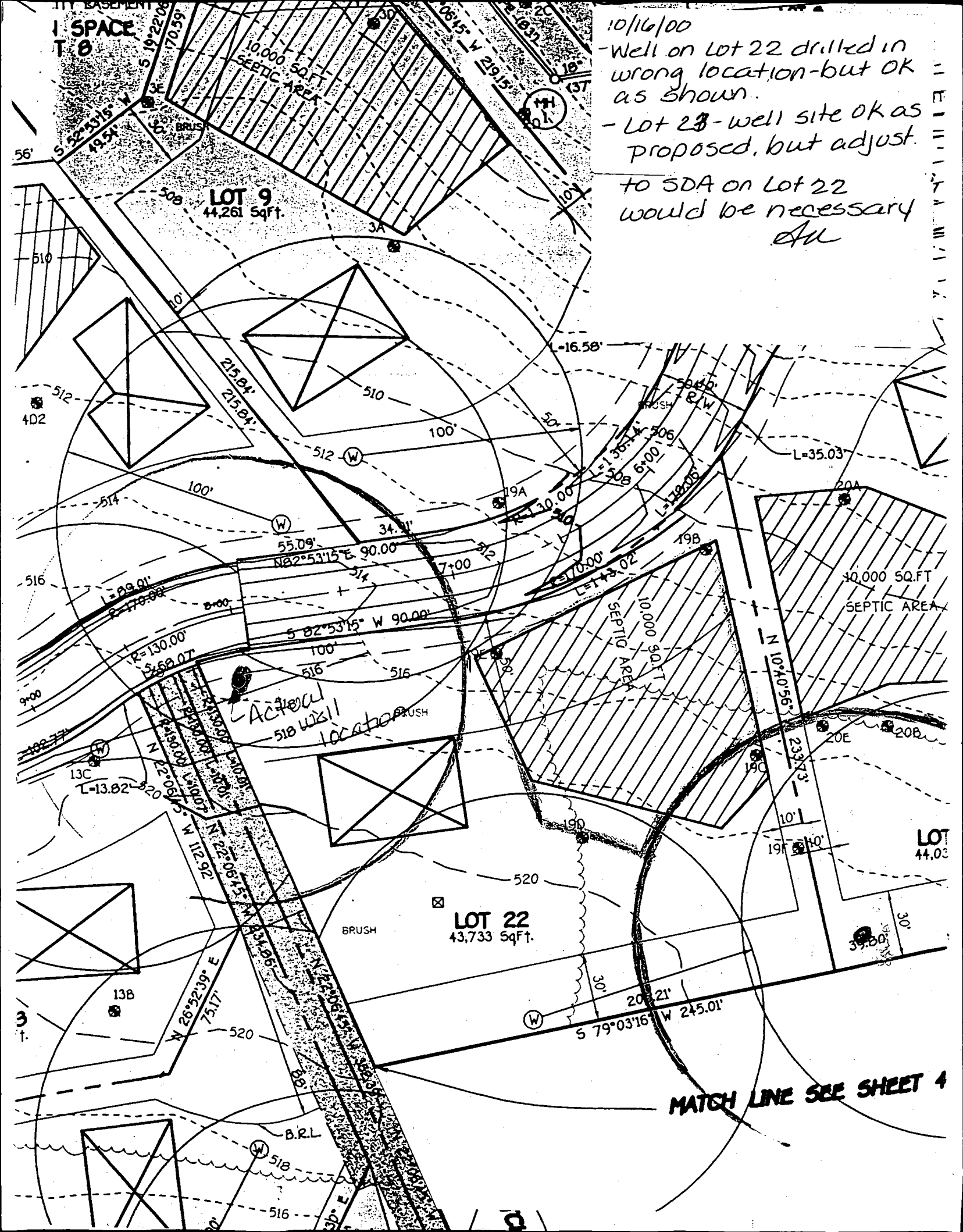
PROFESSIONAL LAND SURVEYOR
REG. # 21

8/28/01
DATE

**HOUSE LOCATION
DRAWING**

FOUNDATION LOCATION: 8/23/01
FINAL LOCATION:
BOUNDARY SURVEY:

SCALE: 1" = 30'
DATE: 8/28/01
DRAWN BY: AWG
CHECKED BY:
PROJECT NO. 41300



10/16/00
 - Well on Lot 22 drilled in wrong location-but OK as shown.
 - Lot 23 - well site OK as proposed, but adjust to SDA on Lot 22 would be necessary
AK

LOT 9
 44,261 Sq Ft.

LOT 22
 43,733 Sq Ft.

Actual well location

MATCH LINE SEE SHEET 4

10,000 SQ.FT SEPTIC AREA

10,000 SQ.FT SEPTIC AREA

LOT 44.02

SPACE T. 8

58'

402

516

13C

13B

3

518

516

3A

34.1'

516

BRUSH

B.R.L.

M.H.

19A

516

W

W

19B

19C

520

20' 21'

5

L=35.03

23373'

19F

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39.00'

30'

30'

30'

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HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

FAX

Date: 10/16/00

To: Steve Fornay

From: Amy McMillen

Phone: _____

Pages: 3

Re: Windsidge lot 22 cc: _____
23
12

Comments:

- I don't see any "fix" to lot 12 but redrilling the well
- lot 22 & 23 seem possible w/ slight modification to SDA on lot 22 (well site on lot 22 OK even w/out modification if it is really 10' from the front and right lot lines)

AM

Bureau of Environmental Health

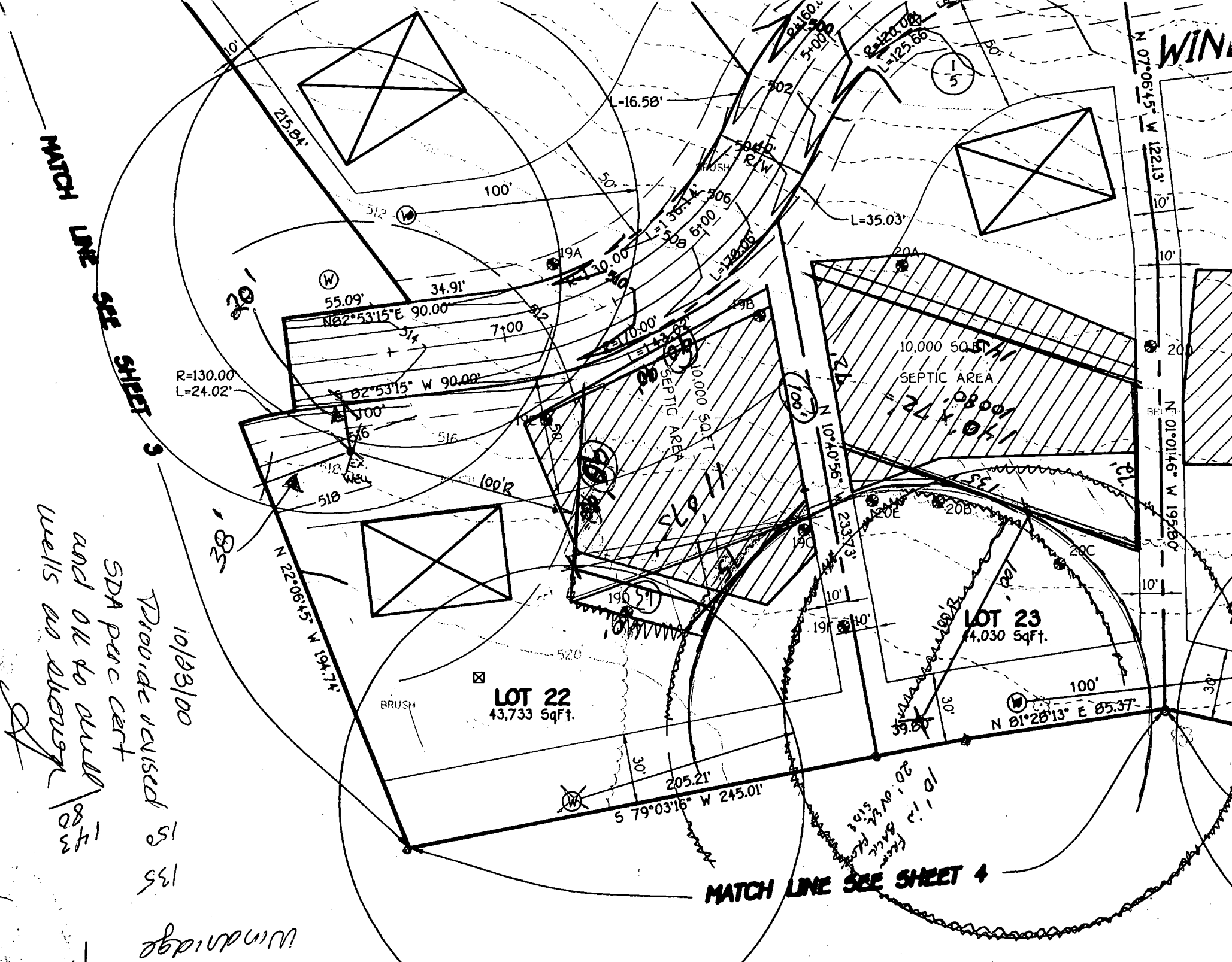
3525-H Ellicott Mills Drive • Ellicott City, Maryland 21043-4544

Water and Sewerage, Permits (410) 313-1771 Community Environmental Health Program (410) 313-1773

Director (410) 313-2640 TDD(410) 313-2323 TOLL FREE - 1-877-4MD-DHMH

WINL

N 07°06'45" W 122.13'
N 01°01'46" W 195.60'



MATCH LINE SEE SHEET 3

MATCH LINE SEE SHEET 4

10/23/00
 Provide revised
 SDA par cert
 and OK to drill
 wells on above
 1483
 135
 Windridge

APPLICATION

PERCOLATION TESTING

A 589475

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 3 JANE Cabbage

ADDRESS 14504 Dorsey Mill Rd. Glenelg MD PHONE 410-489-7017

AGENT OR PROSPECTIVE BUYER Susquehanna LAND Holding Co.

ADDRESS 1814 Hyman LN Crofton MD PHONE 410-451-3916
21114

PROPERTY LOCATION:

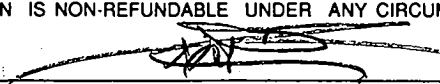
SUBDIVISION Cabbage Sub. LOT NO. 19 (14)

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

58947S

COUNTY #

SOIL PROFILE

19A

Same as hole 19B

19B

or/br Clay loam

1/2 tan/orange silty sand 1m 10% shale

19C

or/br Clay loam

or/yellow brown silty loam

rock outcrop ≈ 40%

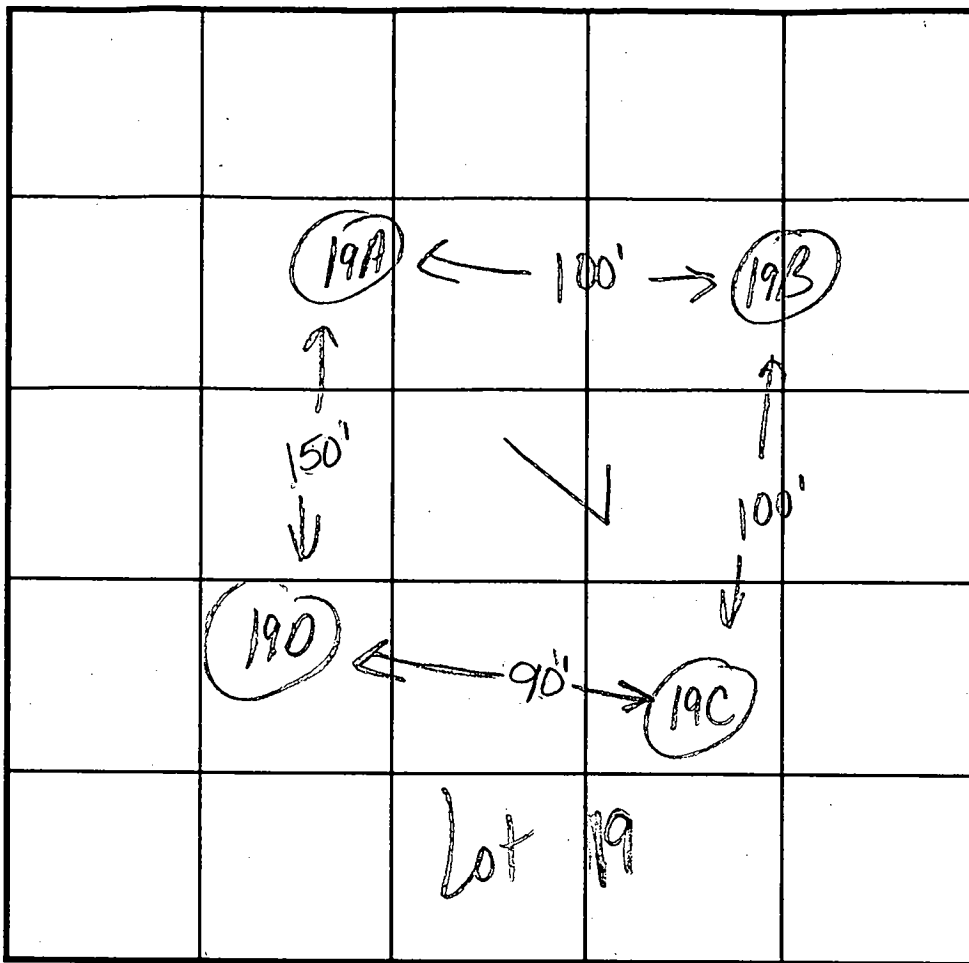
Silty loam

SOIL PROFILE

19D

or/br Clay loam

1/2 tan/orange powder silty loam 10-15% rock frags



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-7-97	19A	3.0'S	1:59 ²⁰	2:00	2:00	2:01 ³⁰	1:30
		11.0'D	visual	ok			
	19B	2.5'S	2:04	2:12	2:12	2:25	13min
	19B	11.0'D	visual	ok			
	19C	3.0'S	11:40	11:42	11:42	11:45	3min
	19C	12.0'D	visual	ok - see profile			
	19D	3.0'S	11:47	11:48	11:48	11:50	2min
		6.0'S	11:47 ³⁰	11:49	11:49	11:51	3min
		11.0'D					

REMARKS test holes staked

TYPE OF SOIL

TESTED BY Kim Maiste Kim Soe

ALSO PRESENT Haas + Jeff

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4-5 Minutes

TRENCH WIDTH 3

INLET DEPTH 3

MAXIMUM BOTTOM DEPTH 5

SQ. FT./BEDROOM 180

APPLICATION

PERCOLATION TESTING

A _____

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 14

ROAD AND DESCRIPTION _____

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.

(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

58947S

COUNTY #

SOIL PROFILE

19E

0'
or/br
Clay
1m

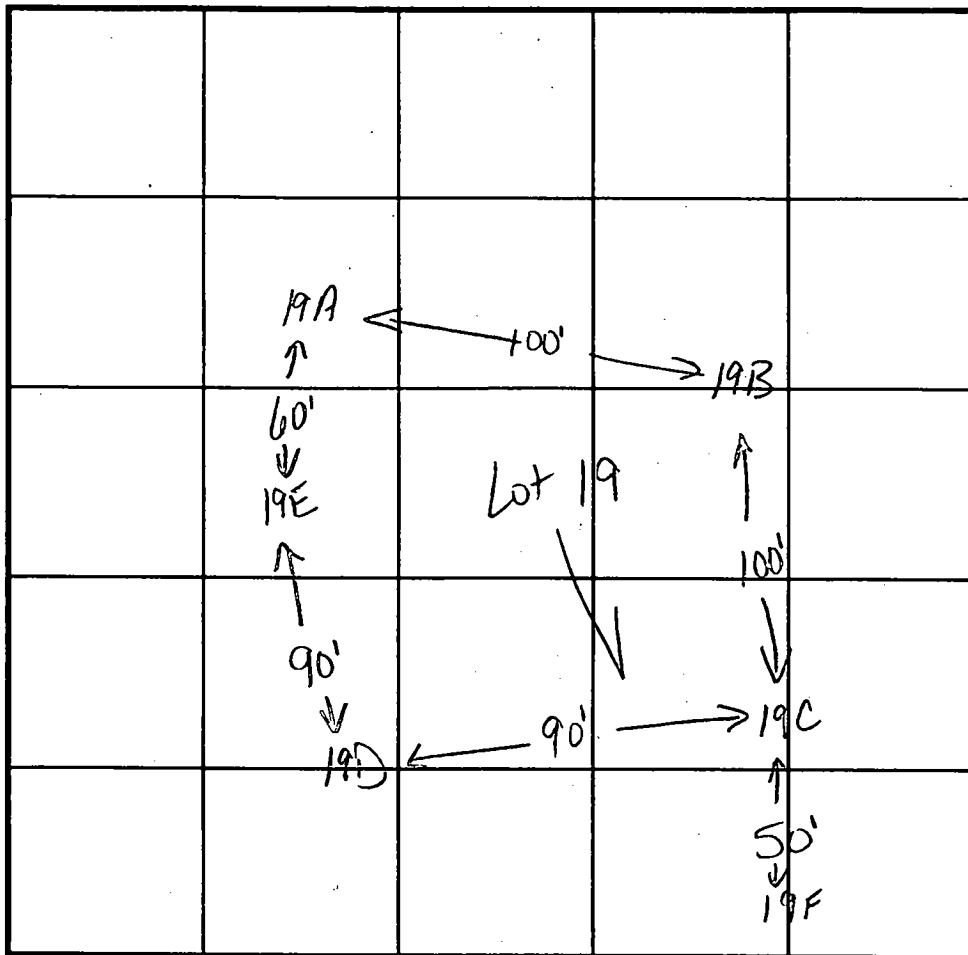
30'
br/tan
Siellm
10-15%
Shale
frags

12.0'
19F

Same
as
test
hole
19E

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4.28.98	19E	12.0'D	visual	only	-ok	see profile	
	19F	12.0'D	visual	only	-ok	see profile	

REMARKS test holes staked

TYPE OF SOIL

TESTED BY Kim Maiste

ALSO PRESENT Chuck Zapp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4-5 min

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM 180

N 582750

E 1306750
E 398298.2006
Metric

WINDRIDGE

LOT 9
44,261 SQ.FT.

F.00.178

MATCH LINE SEE SHEET 3

Match Line Only -
Not A Lot Line

777546.3569
Metric

582500
E 1306750
E 398298.2006
Metric

R=130.00'
L=24.02'

413

1907

1916

451

N82°53'15"E
55.09'

N82°53'15"E 90.00'

1906

1917

S 82°53'15" W 90.00'

50'

50'

LOT 22
43,733 SQ.FT.

F.00.178

LOT 23
44,030 SQ.FT.

205.21'
S 79°03'16" W 245.01'

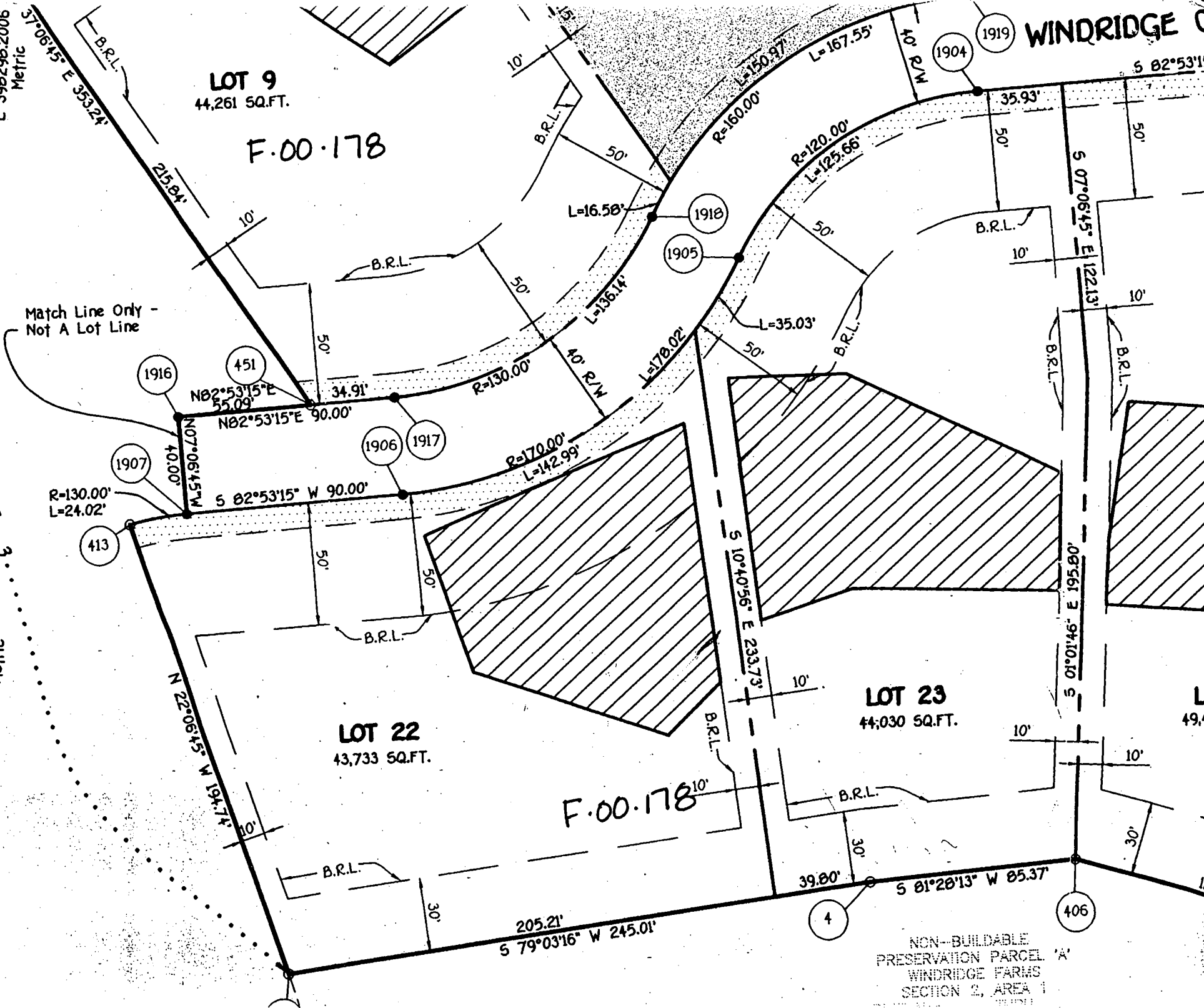
39.80'

S 81°28'13" W 85.37'

4

406

NON-BUILDABLE
PRESERVATION PARCEL 'A'
WINDRIDGE FARMS
SECTION 2, AREA 1



10' Public Tree Maintenance Easement

WINDRIDGE COURT
40' R/W

R=130.00'
L=24.00'

R=170.00'
L=142.99'

NB2°53'15"E
90.00'

S10°40'56"E
233.73'

ASPHALT
D/W

WELL
2ND FL. O.H.
BOX WINDOW
(1.0'X10.7'X1.0')

SEPTIC AREA

FLAGSTONE
STEPS
BOX WINDOW
(2.4'X10.6'X2.4')

LOT 22
30' BRL

10' Gravel
Property line

Garage

579°03'16"W 205.21'

NON-BUILDABLE
PRESERVATION PARCEL "A"
WINDRIDGE FARMS
SECTION 2 AREA 1
PLAT Nos. 14519 THROUGH
14322

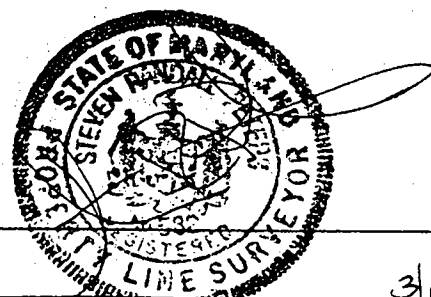
BCD44510

DWELLING HAS CONC. WALK
DWELLING HAS COV. CONC. STOOP
DWELLING HAS CONC. BSMT ENTRY
B.R.L.=BUILDING RESTRICTION LINE
TOP OF FOUNDATION ELEV. 522.5±

10/9/03 JAB
~~well~~ to garage la. o.k.

LOT 22
WINDRIDGE FARMS
SECTION 2 AREA 2
LOTS B THRU 26
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT REFERENCE: 14686

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 481 - 2955



PROFESSIONAL LAND SURVEYOR DATE 3/26/02
REG. 592

HOUSE LOCATION
DRAWING

FOUNDATION LOCATION: 8/25/01
FINAL LOCATION: 3/26/02
BOUNDARY SURVEY:

SCALE: 1"=50'
DATE: 3/26/02
DRAWN BY: D.B.
CHECKED BY:
PROJECT No.: 61380

FCC •