

LAYOUT \_\_\_\_\_ INSP 4 \_\_\_\_\_

INSP 2' 10/02/02 3pm INSP 5 \_\_\_\_\_

INSP 3 12/11/02 INSP 6 \_\_\_\_\_

ISSUE DATE: 8/12/2002

P 517410

APPROVAL DATE: 12/12/02 SHARED HOUSE CONN &  
GRINDER PUMP INSTALL

A 59907-H

# INDEXED PERMIT

~~ON-SITE SEWAGE DISPOSAL SYSTEM~~

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH

03-337413

Williamsburg Group, LLC (Hatfield's) IS PERMITTED TO INSTALL  ALTER

ADDRESS: P. O. Box 1018 Columbia, MD PHONE NUMBER: (410) 997-8800

SUBDIVISION: Friendship Lakes LOT NUMBER: 11

ADDRESS: 2927 New Rover Road PROPERTY OWNER: Williamsburg Group

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

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

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: NA 180

LINEAR FEET OF TRENCH REQUIRED: NA 240

TRENCHES:	<del>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 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.</del>
LOCATION:	Install 4" house connection sewer line per approved plan.
NOTES:	This permit is limited to the installation of the individual house connection sewer line and installation of the grinder pump. The Howard County Bureau of Utilities must be contacted prior to scheduling and inspection of these items.

PLANS APPROVED: Brian Baker DATE: 7/2/02

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

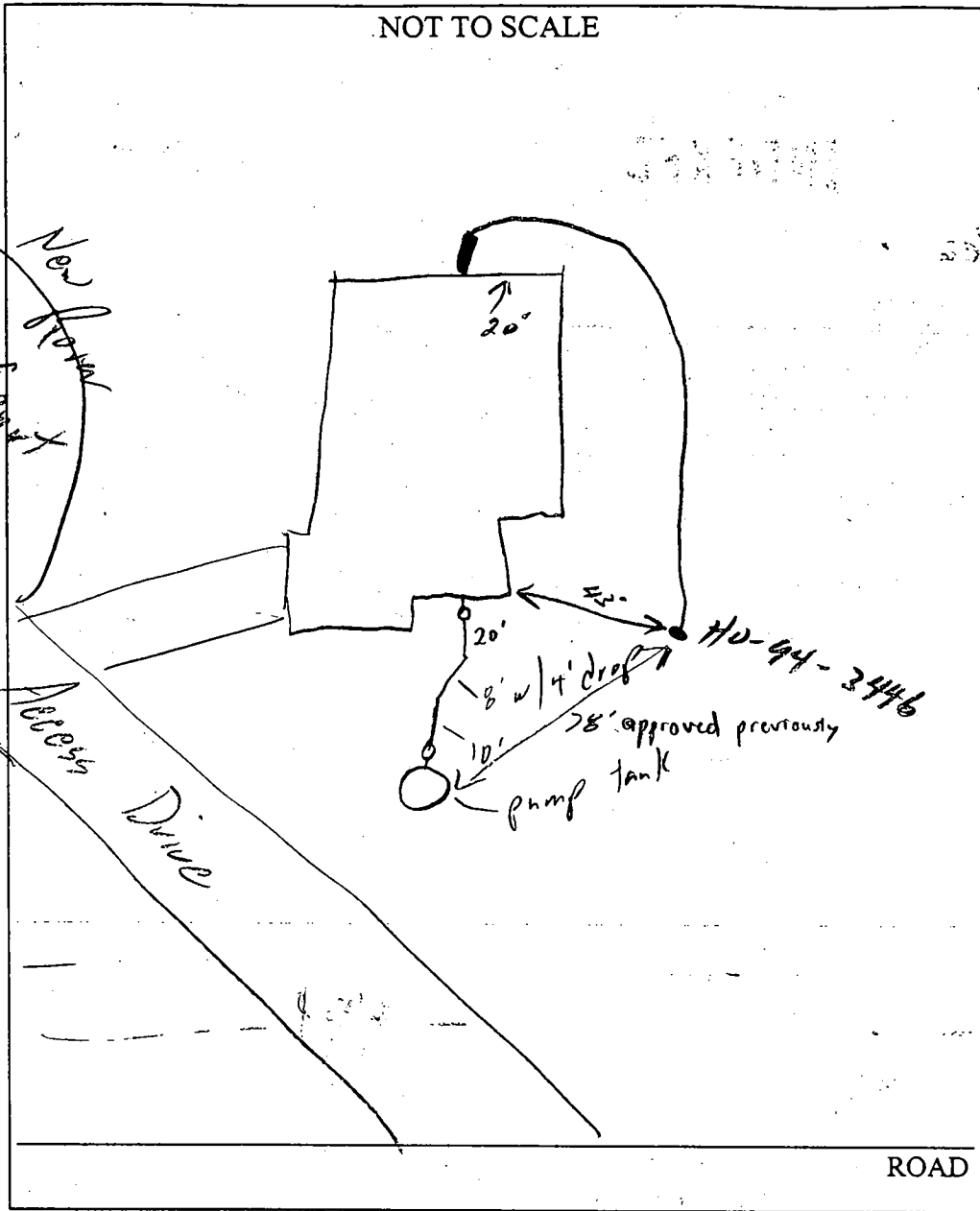
**BUILDING PERMIT SIGNED** -313-2640 FOR INSPECTION OF SEPTIC SYSTEM

**AND RETURNED**

10-7-02 500 138170 - KOFANE TANK

AS9907-H

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
_____	_____	_____
NUMBER OF TRENCHES _____		
TOTAL LENGTH _____		
ABSORPTION AREA _____		
DISTRIBUTION BOX LEVEL _____		
DISTRIBUTION BOX BAFFLE _____		
DISTRIBUTION BOX PORT _____		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL _____	
CAPACITY _____	GAL
SEAM LOC _____	
TANK LID DEPTH _____	
BAFFLES _____	
BAFFLE FILTER _____	
MANHOLE LOC _____	
6" PORT LOC _____	
WATERTIGHT TEST _____	
SEPTIC TANK 2 LEVEL _____	
CAPACITY _____	GAL
SEAM LOC _____	
TANK LID DEPTH _____	
BAFFLES _____	
BAFFLE FILTER _____	
MANHOLE LOC _____	
6" PORT LOC _____	
WATERTIGHT TEST _____	

PRE-CONSTRUCTION \_\_\_\_\_

INSTALLATION 10/2/02 House conn to tank installed (SO)  
 12/11/02 w/ utilities, grinder pump dropped into place,  
 alarm & pump tests OK (SO)  
 12/12/02 - RECEIVED FAX FROM MATT TUDER (SRM)

FINAL INSPECTOR Steven R. Krieg

DATE OF APPROVAL 12/12/02

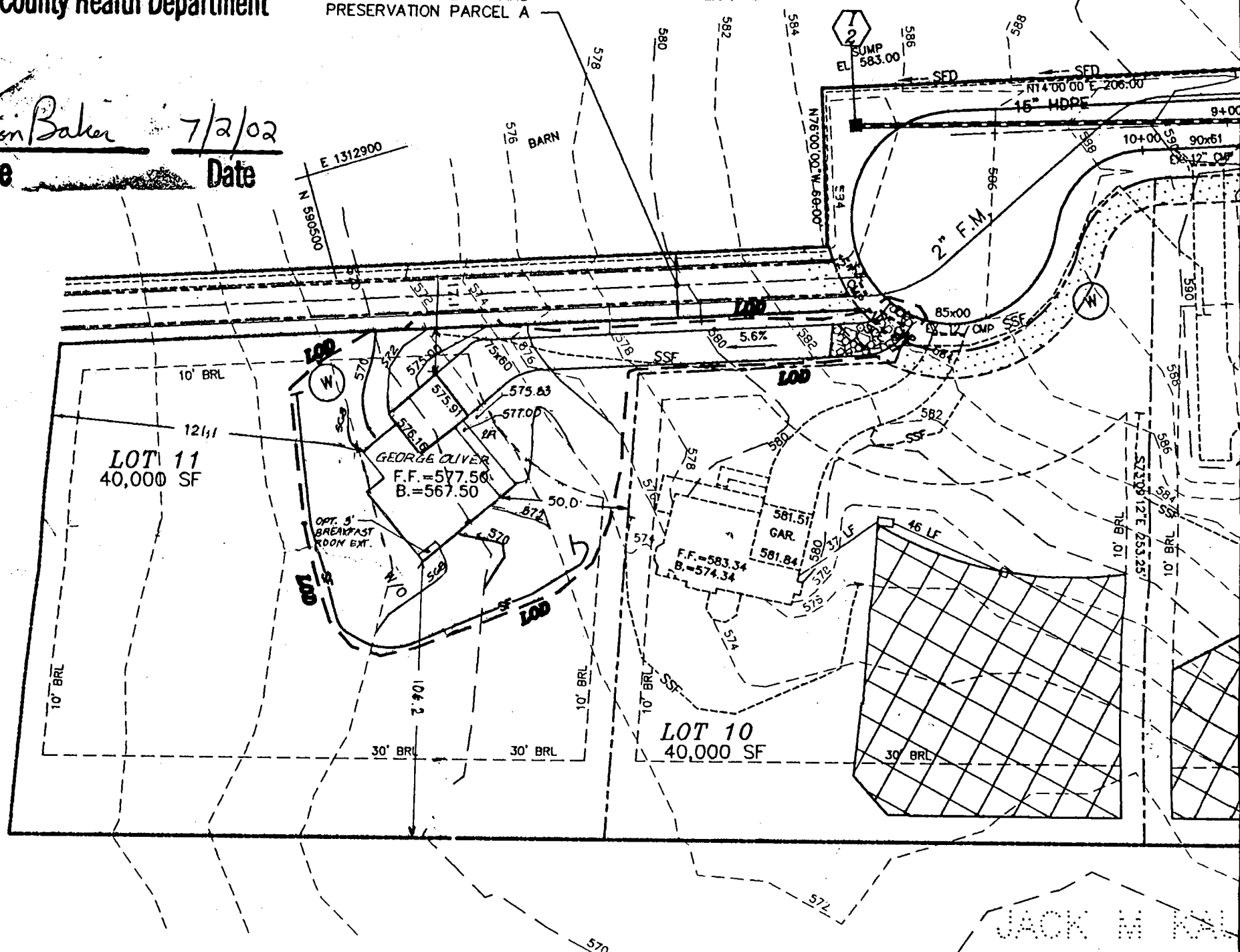
RECEIVED PERMIT DIVISION  
 RECEIVED PERMIT DIVISION

**Approved Septic System Plan**  
**Howard County Health Department**

24' PRIVATE USE-IN-COMMON  
 DRIVEWAY & SEWER EASEMENT  
 FOR LOTS 12-14 AND  
 PRESERVATION PARCEL A

FRIENDSHIP LAKE, LOTS 1 THRU 4  
 PLAT 8238  
 LOT 3

*Brian Baker* 7/2/02  
 Signature Date



JACK M. KAL

① Signed Shared Septic plans  
6/10/01

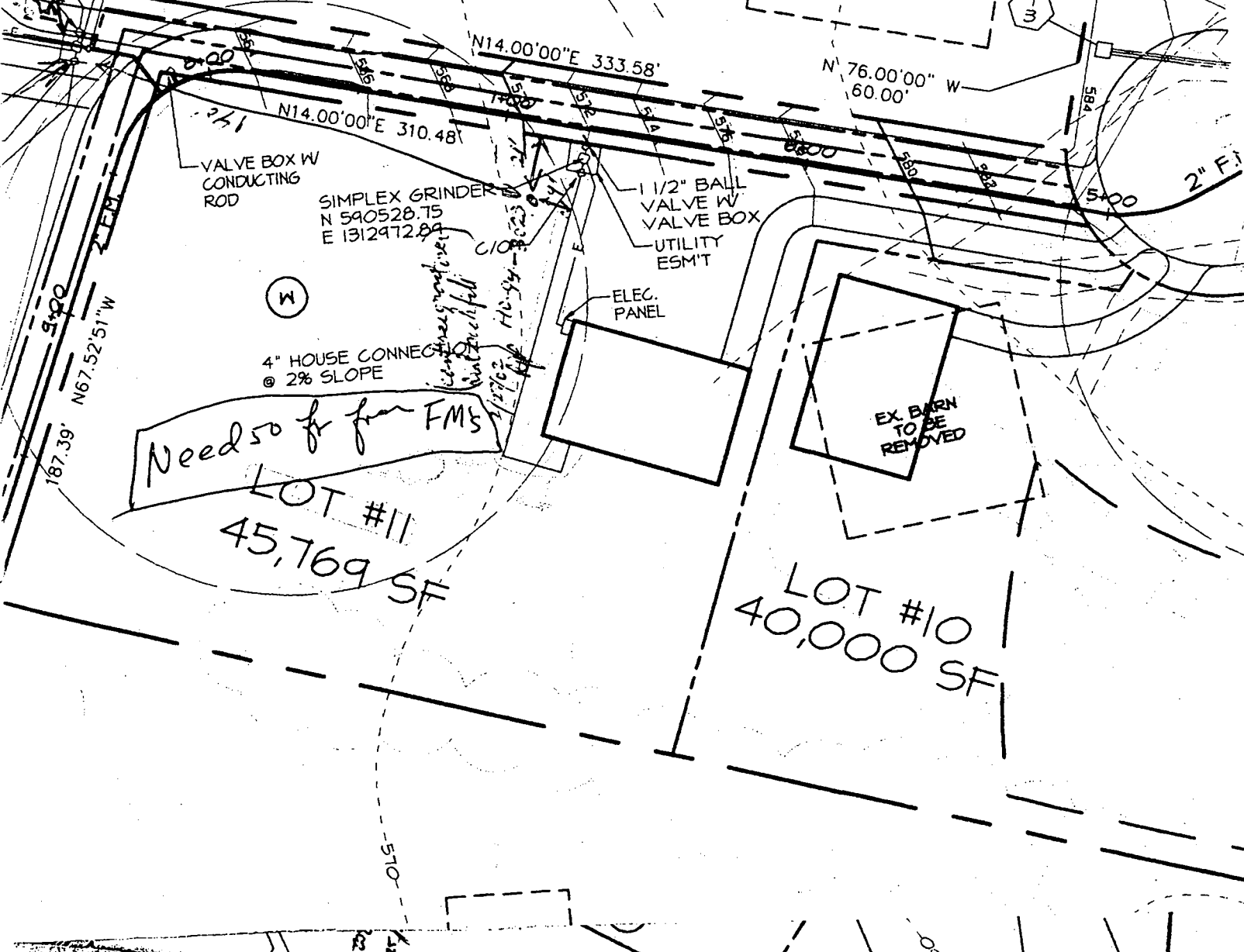
FRIENDSHIP LAKE  
LOTS 1 THRU 4  
PLAT 8238  
LOT 3

② Well location changed on  
well driller app.

#14  
7 SF

and retaining  
wall  
3006  
2012

65' (+15' = 80')  
DUPLEX GRINDER  
N529460.95  
E800875.82  
1 1/2" BALL VALVE W/  
VALVE BOX



Need 50 ft for FMS  
LOT #11  
45,769 SF

LOT #10  
40,000 SF

EX. BARN

EX. BARN  
TO BE  
REMOVED

VALVE BOX W/  
CONDUCTING  
ROD

SIMPLEX GRINDER  
N 590528.75  
E 1312972.89

1 1/2" BALL  
VALVE W/  
VALVE BOX  
UTILITY  
ESM/T

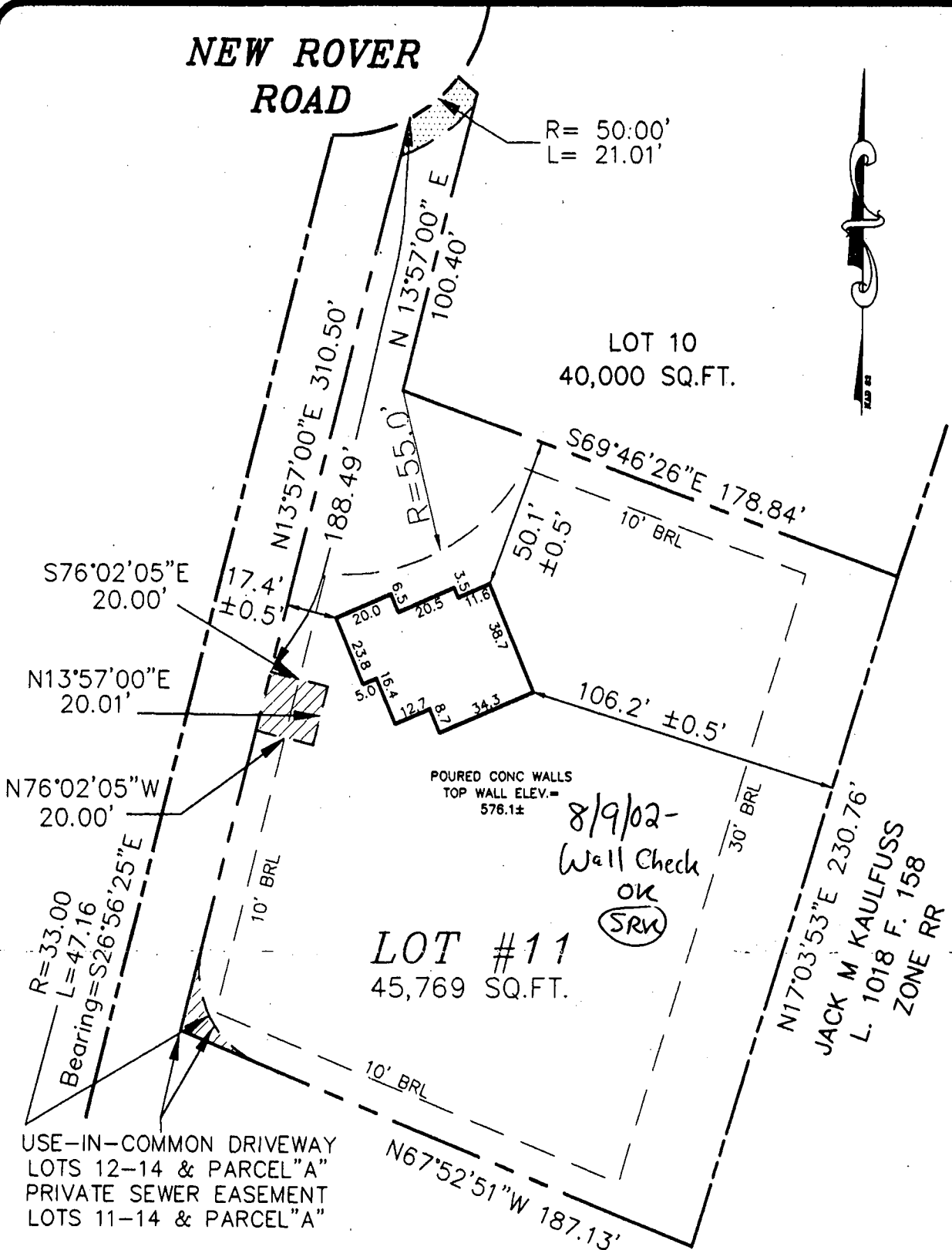
ELEC.  
PANEL

4" HOUSE CONNECTION  
@ 2% SLOPE

@ 2% SLOPE

0.5%



BP# B00136744 - 2927 NEW ROVER RD.



USE-IN-COMMON DRIVEWAY  
LOTS 12-14 & PARCEL "A"  
PRIVATE SEWER EASEMENT  
LOTS 11-14 & PARCEL "A"

**LOT 11  
FRIENDSHIP LAKES**

LOTS 5 THRU 15  
& PRES. PARCELS A&B  
A RESUBDIVISION OF FRIENDSHIP LAKES  
LOTS 1, 2, & 4  
TAX MAP 15, PARCEL NO. 175

-  10' PUBLIC TREE MAINTENANCE & UTILITY EASEMENT
-  PRIVATE SEWER EASEMENT FOR LOTS 11-14 & PRESERVATION PARCEL "A"

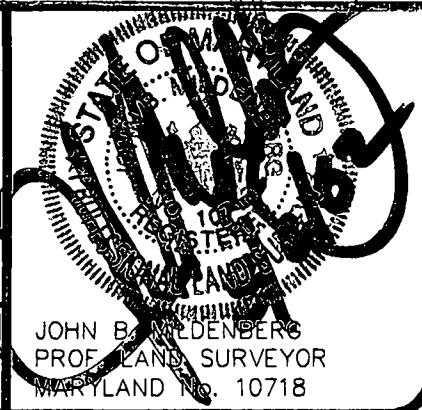
ADDRESS: NEW ROVER ROAD

PLAT No. 14909  
ELECTION DISTRICT No. 3  
HOWARD COUNTY, MARYLAND

THE INFORMATION SHOWN HAS BEEN ESTABLISHED BY CURRENT ACCEPTABLE SURVEY PROCEDURES AND FROM AVAILABLE RECORD INFORMATION. THIS DRAWING IS TO BE USED FOR TITLE TRANSFER FINANCING, OR REFINANCING ONLY AND IS NOT TO BE USED FOR THE ESTABLISHMENT OF PROPERTY LINES, LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS.

**MILDENBERG  
BOENDER, & ASSOC., INC.**

Engineers Planners Surveyors  
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 997-0296 Balt. (301) 621-5521 Wash. (410) 997-0298 Fax.



FOUNDATION	DATE: 08/01/02	FINAL LOCATION	DATE:
DRAWN BY: D. FOGEL	SCALE: 1" = 50'		
PROJECT NO.: 99010	LOCATION DRAWING		

JOHN B. MILDENBERG  
PROF. LAND SURVEYOR  
MARYLAND No. 10718

**FAX**  
cover sheet



**Bureau of Utilities**  
8270 Old Montgomery Rd.  
Columbia, Md. 21045  
Tel. : 410 313 4900  
Fax : 410 313 4989

To: Water & Sewer Program

Date: 12/12/02 Number of pages including this one one

Fax Number: 2648

From: Matt Tudor

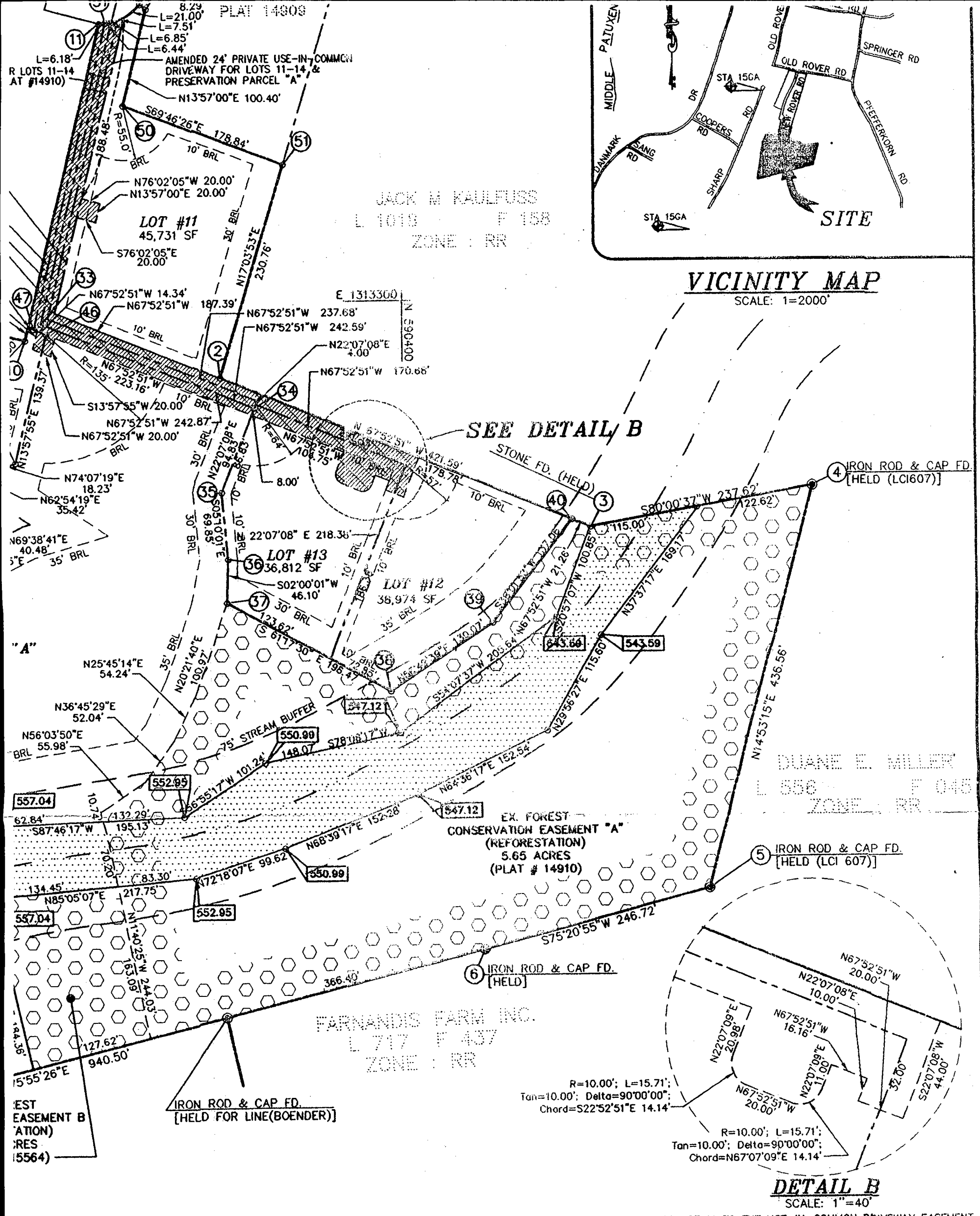
Comments: Shared Septic Program U&O's

Friendship Lakes Williamsburg Homes Lot #11  
2927 New River Rd

Riggs Meadows Cornerstone Homes Lot #1  
14601 Fredrick Rd

I have received letters from both builders assuring  
that they will address grading concerns in the Spring.  
The Bureau of Utilities releases the above properties for U&O.

DO NOT DISCARD



**VICINITY MAP**

SCALE: 1"=2000'

SEE DETAIL B

DUANE E. MILLER  
L 556 F 045  
ZONE RR

**DETAIL B**

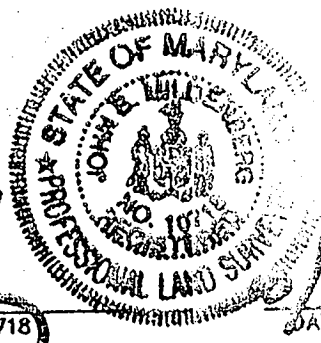
SCALE: 1"=40'

NOTE: THE PURPOSE OF THIS PLAT IS TO ADD LOT 11 TO THE USE-IN-COMMON DRIVEWAY EASEMENT.

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A RESUBDIVISION OF THE LAND CONVEYED BY ROVER MILL, LLC TO WILLIAMSBURG GROUP, LLC BY DEED DATED FEBRUARY 21, 2002 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 6088 AT FOLIO 0476 AND THAT ALL MONUMENTS IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE THE STREETS IN SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS AMENDED, AND THE BOUNDARY SURVEY IS IN ACCORDANCE WITH THE HOWARD COUNTY SUBDIVISION REGULATIONS.

*[Signature]*  
JOHN P. MILDENBERG, P.S. NO. 10718  
DATE



RECORDED AS PLAT 15698 ON 12/2/02 AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.

PLAT OF REVISION  
**FRIENDSHIP LAKES**  
LOTS 11 THRU 14 &  
PRESERVATION PARCEL "A"

SHEET 1 OF 1

TAX MAP 15	THIRD ELECTION DISTRICT	SCALE: 1" = 100'
PARCEL NO. 175	HOWARD COUNTY, MARYLAND	DATE: OCT 2002
LOTS 11-14	EX. ZONING RR-DEO	DPZ FILE NOS.: F-88-204; SP-99-13;
PRES. PARCEL A		F-01-12; F-02-48. F-03-009

**MILDENBERG,  
BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors

5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 997-0296 Balt. (301) 621-5521 Wash. (410) 997-0298 Fax.

NO.	NORTHING	EASTING	NO.	NORTHING	EASTING	NO.	NORTHING	EASTING	NO.	NORTHING	EASTING	NO.	NORTHING	EASTING
2	590,320.379	1,313,106.887	10	590,381.790	1,312,901.587	33	590,379.820	1,312,918.150	41	590,340.041	1,312,628.818	49	590,700.212	1,312,628.818
3	590,161.838	1,313,497.450	11	590,685.918	1,312,982.102	34	590,288.371	1,313,143.145	42	590,263.199	1,312,764.252	50	590,602.812	1,312,764.252
4	590,202.655	1,313,731.488	12	590,700.357	1,312,923.865	35	590,200.524	1,313,107.440	43	590,212.492	1,312,841.155	51	590,540.975	1,312,841.155
5	589,780.982	1,313,619.305	13	590,900.303	1,312,973.440	36	590,130.957	1,313,113.731	44	590,228.626	1,312,872.692			
6	589,718.548	1,313,680.804	14	590,972.194	1,312,813.885	37	590,084.882	1,313,112.122	45	590,233.615	1,312,890.229			
7	589,489.803	1,312,488.343	15	591,297.149	1,313,140.648	38	589,990.507	1,313,284.439	46	590,368.862	1,312,923.863			
8	590,265.762	1,312,587.341	31	590,686.714	1,312,988.484	39	590,061.678	1,313,393.313	47	590,374.261	1,312,910.581			
9	590,419.018	1,312,587.341	32	590,687.514	1,312,984.867	40	590,169.640	1,313,477.757	48	590,705.401	1,313,024.522			

NOTE: COORDINATES AND GRID TICS SHOWN HEREON ARE BASED ON NAD '83 AND ARE IN FEET. TO CONVERT TO METERS, DIVIDE BY 3.28083333.

**MINIMUM LOT SIZE CHART**

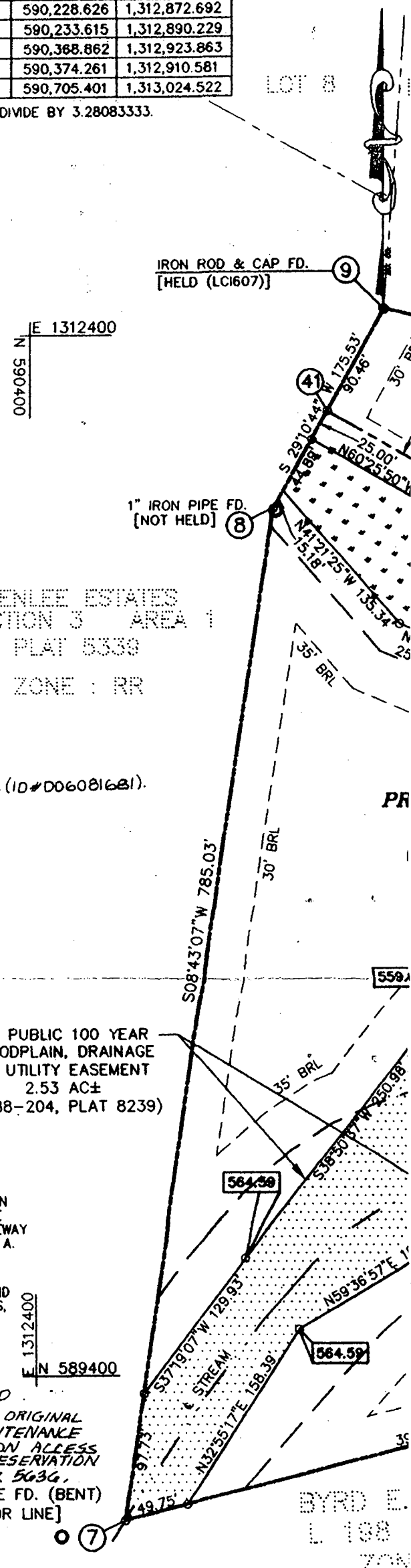
LOT NO.	GROSS AREA	PIPESTEM AREA	MINIMUM LOT SIZE
11	45,731 SQ. FT.	1,923 SQ.FT.	43,808 SQ.FT.
12	38,974 SQ. FT.	5,804 SQ.FT.	33,170 SQ.FT.
13	36,812 SQ. FT.	3,812 SQ.FT.	33,000 SQ.FT.
14	35,942 SQ. FT.	2,142 SQ.FT.	33,800 SQ.FT.
PRES. PARCEL "A"	632,197 SQ. FT.	2,007 SQ.FT.	630,190 SQ.FT.

**GENERAL NOTES:**

- SUBJECT PROPERTY ZONED RR-DEO PER THE 10/18/93 COMPREHENSIVE ZONING PLAN.
- HORIZONTAL AND VERTICAL DATUMS BASED ON MARYLAND STATE COORDINATE SYSTEM (NAD 83)  
STA 21CA N 588,897.344 E 1,311,235.701 EL.=613.273  
STA 15GA N 591,743.505 E 1,312,790.715 EL.=588.446
- THIS PLAT IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT APRIL 1999 BY MILDENBERG, BOENDER AND ASSOCIATES, INC.
- BRL DENOTES BUILDING RESTRICTION LINE.
- DENOTES STONE FOUND
- DENOTES IRON PIPE FOUND.
- ⊙ DENOTES IRON ROD FOUND.
- DENOTES ANGULAR CHANGE IN DIRECTION OF BOUNDARY.
- DENOTES AN EX. PUBLIC 100 YEAR FLOODPLAIN, DRAINAGE, & UTILITY EASEMENT.
- DENOTES WETLANDS.
- DENOTES A 24' PRIVATE USE-IN-COMMON DRIVEWAY.
- DENOTES AN EXISTING FOREST CONSERVATION EASEMENT (REFORESTATION).
- DENOTES AN EX. PRIVATE SEWER EASEMENT.
- NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN WETLANDS AND STREAM BUFFERS OR AND FOREST CONSERVATION AREAS EXCEPT AS SHOWN ON APPROVED PLANS.
- PUBLIC 100 YEAR FLOODPLAIN AND UTILITY EASEMENT BASED ON F-88-204, PLAT 8239.
- LIMITS OF WETLANDS ARE BASED ON STUDY BY WILDMAN ENVIRONMENTAL SERVICES IN OCTOBER 1997.
- ARTICLES OF INCORPORATION FOR FRIENDSHIP LAKES, LOTS 5-15, PRESERVATION PARCELS "A" & "B" HOMEOWNERS ASSOCIATION APPROVED ON DECEMBER 12, 2000 BY THE STATE DEPARTMENT OF TAXATION AND ASSESSMENTS, (RECEIPT # 1000278899000000). LIBER 800206, FOLIO 0218. (10#D06081681).
- PRESERVATION PARCEL "A" IS TO BE USED FOR THE PURPOSE OF ONE SINGLE FAMILY DETACHED UNIT AND FOREST CONSERVATION ONLY.
- DEVELOPER RESERVES UNTO ITSELF, ITS SUCCESSORS AND ASSIGNS, ALL EASEMENTS SHOWN ON THIS PLAT FOR WATER, SEWER, STORM DRAINAGE, FOREST CONSERVATION, AND OTHER PUBLIC UTILITIES LOCATED IN, OVER AND THROUGH PRESERVATION PARCEL "A" ALL OR PORTIONS THEREOF. FOR ANY AND ALL CONVEYANCES OF AFORESAID LOTS SHALL BE SUBJECT TO THE EASEMENTS HEREIN RESERVED, WHETHER OR NOT EXPRESSLY STATED IN THE DEED(S) CONVEYING SAID LOT(S). DEVELOPER SHALL EXECUTE AND DELIVER DEEDS FOR THE EASEMENTS HEREIN DEDICATED TO HOWARD COUNTY. UPON COMPLETION OF THE PUBLIC UTILITIES AND THEIR ACCEPTANCE BY HOWARD COUNTY, THE COUNTY SHALL ACCEPT THE EASEMENTS AND RECORD THE DEED(S) OF THE EASEMENT IN THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.
- THE FOREST CONSERVATION EASEMENT THAT HAS BEEN ESTABLISHED ON THIS PROPERTY CONSTITUTES A "RESTRICTIVE EASEMENT" AS NOTE IN SECTION 105.B.1.C. OF THE HOWARD COUNTY ZONING REGULATIONS AND LIMITS FURTHER THE DEVELOPMENT OF THE PROPERTY.
- THE EXISTING FOREST CONSERVATION EASEMENT (A), CONTAINING 5.65 ACRES OF REFORESTATION WAS ESTABLISHED TO MEET THE FOREST CONSERVATION OBLIGATIONS FOR F-01-12, FRIENDSHIP LAKES. FINANCIAL SURETY IN THE AMOUNT OF \$73,834.20 WAS PROVIDED AS PART OF THE DEVELOPER'S AGREEMENT FOR PLAT #14908 & 14910.
- THE EXISTING FOREST CONSERVATION EASEMENT B, CONTAINING 0.52 ACRES OF REFORESTATION WAS ESTABLISHED TO MEET THE FOREST CONSERVATION OBLIGATIONS FOR FINAL PLAN, F-02-04B, FOX CHASE ESTATES, AS AN OFF-SITE EASEMENT AREA ON PLAT # 15564, (F-03-009). FINANCIAL SURETY IN THE AMOUNT OF \$11,325.60 FOR 0.52 ACRES (22,651.2 SQ. FT.) OF REFORESTATION ON FRIENDSHIP LAKES WAS PROVIDED AS PART OF THE DPW DEVELOPER'S AGREEMENT FOR F-02-04B.

OWENLEE ESTATES  
SECTION 3 AREA 1  
PLAT 5338  
ZONE: RR

EX. PUBLIC 100 YEAR  
FLOODPLAIN, DRAINAGE  
AND UTILITY EASEMENT  
2.53 AC±  
(F-88-204, PLAT 8239)



THE REQUIREMENTS OF 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME AS SUPPLEMENTED AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SURVEY WORKERS HAVE BEEN COMPLIED WITH.

*[Signature]*  
DATE 10/24/02  
BOB CORBETT, WILLIAMSBURG GROUP, LLC  
DATE 10/24/02

**TOTAL AREA TABULATION**

TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED	4
TOTAL NUMBER OF BUILDABLE PARCELS	1
TOTAL NUMBER OF LOTS OR PARCELS TO BE RECORDED	5
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	3.61 AC±
TOTAL AREA OF BUILDABLE PARCELS	14.51 AC±
TOTAL AREA OF 100 YR FLOOD PLAIN TO BE RECORDED	2.53 AC±
TOTAL AREA OF ROADWAY TO BE RECORDED	0 AC
TOTAL AREA OF LOTS OR PARCELS TO BE RECORDED	18.12 AC ±

APPROVED: FOR PRIVATE WATER AND PUBLIC SHARED SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT

*[Signature]* M.D. 11/20/02  
HOWARD COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*[Signature]* 11/25/02  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE  
MK

*[Signature]* 11/25/02

23. THIS PROJECT IS SUBJECT TO A DESIGN MANUAL WAIVER TO VOLUME III, TABLE 2.01 APPROVED ON OCTOBER 17, 2002, TO ALLOW LOT 11 TO HAVE ACCESS ON THE EXISTING USE-IN-COMMON DRIVEWAY FOR LOTS 12 - 14 AND PRESERVATION PARCEL A.

24. FOR OTHER PERTINENT NOTES, SEE F-01-12, FRIENDSHIP LAKES, LOTS 5 - 15 & PRESERVATION PARCELS "A" & "B" (PLAT # 14908 - 14910), AND F-03-009, "PLAT OF REVISION, FRIENDSHIP LAKES, PRESERVATION PARCEL "A" (PLAT # 15564), AND F-03-054.

25. AMENDMENTS TO DECLARATION OF EASEMENT AND MAINTENANCE OBLIGATIONS TO ADD LOT 11 TO THE SHARED DRIVEWAY, WILL BE RECORDED SIMULTANEOUSLY WITH THIS PLAT. THE ORIGINAL DECLARATION OF EASEMENT AND MAINTENANCE OBLIGATIONS FOR THE USE-IN-COMMON ACCESS EASEMENT FOR LOTS 12-14 AND PRESERVATION PARCEL "A", WAS RECORDED AT LIBER 5636, FOLIO 0372.

**OWNER**  
WILLIAMSBURG GROUP, LLC  
P.O. BOX 1018  
COLUMBIA, MARYLAND 21044  
(410) 997-8800

**OWNER'S STATEMENT**

WILLIAMSBURG GROUP, LLC, OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, 1) THE RIGHT SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES IN AND UNDER ALL ROADS AND ST SPECIFIC EASEMENTS SHOWN HEREON, 2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE. THE BEDS OF THE FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HERE TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOC FACILITIES AND OPEN SPACE WHERE APPLICABLE, 3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAY AND DRAJ PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE, AND 4) THAT NO BUILDING OR SIMILAR STRUCTURE ON OR OVER THE SAID EASEMENT AND RIGHTS-OF-WAY.

WITNESS MY HAND THIS 24<sup>TH</sup> DAY OF OCTOBER, 2002

*[Signature]*  
BOB CORBETT, WILLIAMSBURG GROUP, LLC

*[Signature]*

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: CHARLES A. KLEIN & SONS, INC. Telephone #: (410) 542-6960
Address: 5220 KLEIN MILL ROAD
SPRINGVILLE, 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) CHARLES A. KLEIN, JR. License# 6521

\*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: WILKINSONS GROUP Telephone #: (410) 997-8800
Subdivision: FRIENDSHIP LAKES Lot #: 11 Well Tag #: HO- 94-3446
Site Address: 287 NEW RIVER ROAD
WEST FRIENDSHIP, MD 21794

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: JACUZZI Make: HARVARD Two piece watertight cap: [checked]
Model #: 5345-13P-52 Model #: PT-800 Screened, vented well cap: [checked]
Pump Capacity 5 GPM Depth: 32" (36" min) Cap secured to casing: [checked]
Well Yield 15 GPM NSF approved: Conduit min 1 1/2" B.G.: [checked]
Depth of well encountered at time of pump installation: 20 (feet) Conduit secured to well cap: [checked]
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 House Connection
Type: POLYETHYLENE PVC sleeved to undisturbed soil at wall penetration: Yes
PSI: 1 (160 psi min) Approximate length of sleeve:
Depth of supply line: (36" min) Sleeve caulked and sealed properly: [checked]

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: Charles A. Klein, Jr. date: 8/10/02
CHARLES A. KLEIN, JR.

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

Date Insp. Requested: 10-18-02 ASAP Date Insp. Approved: 10/19/02 (SO)
Inspection Data: Pitless adapter and water supply line at least 36" below grade [checked]
Two piece cap installed and attached to casing securely [checked]
Elec. conduit extends at least 18" below grade/attached to cap properly [checked]
Safety rope installed inside of well casing [checked]
Correct well tag attached properly and casing 8" above finished grade [checked]
Water supply line sleeved adequately at house connection [checked]
Adequate grout observed below pitless adapter [checked]

C1 14576 SEQUENCE NO. (MDE USE ONLY)

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

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER 59907-H

ST/CO USE ONLY DATE RECEIVED MM DD YY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL" 110-99-3446

OWNER Williamsburg Group STREET OR RFD 2927 New Rover Rd TOWN SUBDIVISION Friendship Lakes SECTION LOT 11

WELL LOG Not required for driven wells

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

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes handwritten entries: Sand 0-68, Gray mica Rock 68-220.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 20 NO. OF POUNDS 1880

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 65 ft. (enter 0 if from surface)

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 71

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

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO PL OT

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 10. METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 27 ft. WHEN PUMPING 98 ft. TYPE OF PUMP USED (for test) 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 below LAND SURFACE 1 (nearest foot)

NUMBER OF UNSUCCESSFUL WELLS 0

WELL HYDROFRACTURED (Y) (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

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT.

DRILLERS LIC. NO. 1 M SDO 24 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)

Table with columns: T, E, A, C, H, S, C, R, E, N. Includes handwritten entries: 70, 70, 220. SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60

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 TELESCOPE CASING LOG INDICATOR OTHER DATA

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

See Attached location

B 1 **7983**

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL  
No. FEE please type

STATE PERMIT NUMBER  
**HO-94-3446**  
fill in this form completely

Date Received (APA) **7 19 02**  
OWNER INFORMATION  
**Williamaburg Group LLC**  
5485 Harper Farm Rd Suite 200  
Columbia md 21044

B 3 LOCATION OF WELL  
Howard  
Friendship Lakes  
Stenwood  
3 MI

DRILLER INFORMATION  
**Joseph L. Wayne MSD 24**  
5512 Ridge Rd. not Avy md 21771  
Joseph L. Wayne 7/16/02

B 4  
New River Rd  
ON WHICH SIDE OF ROAD  
DISTANCE FROM ROAD 140 FT  
TAX MAP: 15 BLK: 775 PARCEL: 175

B 2 WELL INFORMATION  
APPROX. PUMPING RATE 5  
AVERAGE DAILY QUANTITY NEEDED 500

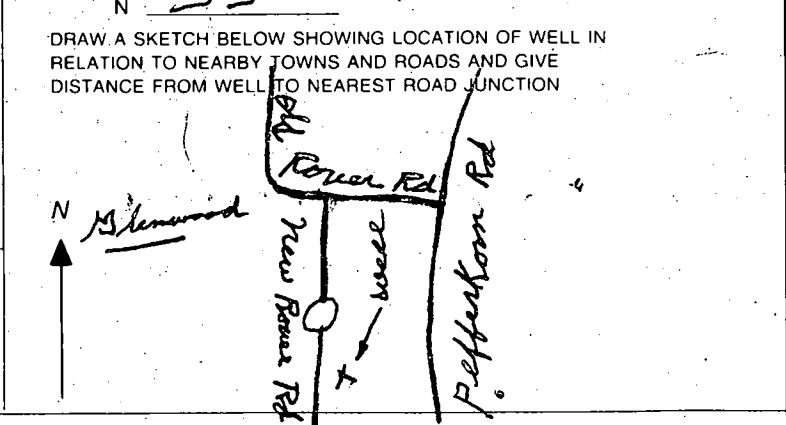
NOT TO BE FILLED IN BY DRILLER  
HEALTH DEPARTMENT APPROVAL  
Howard 59907-H  
DATE ISSUED 07 19 02  
CO SIGNATURE Steven R. Kiegy 07 19 03

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

APPROXIMATE DEPTH OF WELL 260 FEET  
APPROXIMATE DIAMETER OF WELL 6 INCH  
METHOD OF DRILLING (circle one)  
 AIR-ROTAry

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER  
1. well  
WRITE THE BOX NUMBER FROM THE MAP HERE  
E 800  
N 530

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)  
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED



Not to be filled in by driller (MDE OR COUNTY USE ONLY)  
APPROP. PERMIT NUMBER G  
PERMIT No. HO-94-3446

SPECIAL CONDITIONS

MARYLAND'S AWARD WINNING HOMEBUILDER



P.O. Box 1018 • Columbia, Maryland 21044  
(410) 997-8800 • Fax (410) 997-4358

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July 9, 2002

Environmental Health Department  
ATTN: Greg Mellon  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043-4544

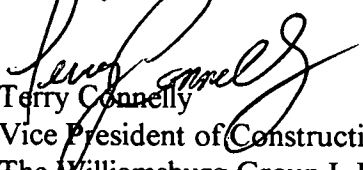
REF: Friendship Lakes, Lot 11, BP# B00136744

Dear Mr. Mellon,

Thank you for taking the time to meet with me this morning. I understand that we, The Williamsburg Group L.L.C., will abandon the existing well and request our well driller to apply for a permit to drill an additional well per the plan provided with no fee required. We also understand that an Use and Occupancy Certificate will not be issued until the new well is approved and a water quality test performed.

Should you have any questions or require additional information, please do not hesitate to contact me at (410) 997-8800 Ext. 123.

Sincerely,

  
Terry Connelly  
Vice President of Construction  
The Williamsburg Group L.L.C.

mw.hoco health-fs1011

① Signed Shared Septic plans  
6/10/01

FRIENDSHIP LAKE  
LOTS 1 THRU 4  
PLAT 8238  
LOT 3

② Well location changed on  
well driller app.

#14  
SF

2' minimum  
3.5' min  
2'

DUPLEX GRINDER  
N525660.45  
E800075.82  
1 1/2" BALL VALVE W  
VALVE BOX

EX. BARN

N 76.00'00" W  
60.00'

N14.00'00"E 333.58'

N14.00'00"E 310.48'

VALVE BOX W  
CONDUCTING  
ROD

SIMPLEX GRINDER  
N 590528.75  
E 1312972.84

1 1/2" BALL  
VALVE W  
VALVE BOX  
UTILITY  
ESMT

ELEC.  
PANEL

Ok to  
Drill  
7/19/02  
in this  
area

4" HOUSE CONNECTION  
@ 2% SLOPE

Need 50' for FMS

EX. BARN  
TO BE  
REMOVED

LOT #11  
45,769 SF

LOT #10  
40,000 SF

Staked by licensed  
surveyor

~~XXXXXXXXXX~~

HD Copy

~~XXXXXXXXXX~~

\*\*\*\*\*  
 WATER WELL ABANDONMENT-SEALING REPORT FORM  
 \*\*\*\*\*

SUBMIT COPIES OF COMPLETED FORM TO:

- \* COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- \* WELL OWNER
- \* MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: 7-25-02 (month/day/year)

OK SRK

7/29/02

Tag Returned & Destroyed

Ho - 94 - 3023

Ho - 94 - 3446

\* PERMIT NUMBER OF ABANDONED WELL (if any)

\* PERMIT NUMBER OF REPLACEMENT WELL

\* PERSON ABANDONING WELL: Joseph Mayne

WELL DRILLERS LICENSE NUMBER: 024

CIRCLE: MWD/MSD/MGD

\* OWNER'S NAME: Williamsburg Group

\* WELL LOCATION:  
 COUNTY: Howard  
 NEAREST TOWN: Glennwood  
 TAX MAP \_\_\_\_\_ BLOCK \_\_\_\_\_ PARCEL \_\_\_\_\_  
 SUBDIVISION: Friendship Lakes  
 SECTION: \_\_\_\_\_ LOT: 11  
 NEAREST ROAD: New River Rd

0.00 0.00	

SHOW WELL LOCATION  
 BY X WITHIN BOX

MARYLAND GRID COORDINATES

BOX NUMBER  
 E 800  
 N 530

\* TYPE OF WELL BEING ABANDONED:

- DRILLED
- BORED/AUGURED
- OTHER (specify) \_\_\_\_\_
- JETTED
- HAND DUG

\* USE CODE:

- DOMESTIC
- IRRIGATION
- TEST/OBSERVATION
- MUNICIPAL/PUBLIC
- INDUSTRIAL

\* TYPE OF CASING:

- STEEL
- CONCRETE
- PLASTIC
- OTHER (specify) \_\_\_\_\_

\* SIZE OF CASING: 6 5/8 INCHES IN DIAMETER

\* DEPTH OF WELL: 80 FEET DEEP

\* WAS ANY CASING REMOVED?  YES \_\_\_\_\_ NO  
 if yes, length removed, in feet: 2

\* WAS CASING RIPPED OR PERFORATED? \_\_\_\_\_ YES  NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
<u>Cement + gravel</u>	<u>0</u>	<u>80</u>

SIGNATURE - MASTER WELL DRILLER OR SUPERVISING SANITARIAN  
Joseph L. Mayne

LICENSE # 024

CIRCLE ONE MWD/MSD/MGD

DATE 7-29-02

**ST/CO USE ONLY:** DATE RECEIVED MM 05 DO 10 YY 91 **DATE WELL COMPLETED** **Depth of Well** 22 140 26 (TO NEAREST FOOT)  
**PERMIT NO. FROM "PERMIT TO DRILL WELL"** HO-94-3023

**OWNER** Rover Mill-LLC **STREET OR RFD** New Rover Road **TOWN** Glenelg **SUBDIVISION** Friendship Lakes **SECTION** **LOT** 211/02

**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	
Top So. L	0	2	
Sandy	2	50	✓
Sand Stone	50	55	
MICKA	55	85	
Sand Stone	85	90	✓
MICKA	90	140	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**  
 TYPE OF GROUTING MATERIAL (Circle one) **CM** **BC**  
 CEMENT **CM** BENTONITE CLAY **BC**  
 NO. OF BAGS 28 NO. OF POUNDS 2800  
 GALLONS OF WATER 168  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 ft. to 30+ ft.  
 (enter 0 if from surface)

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

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

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

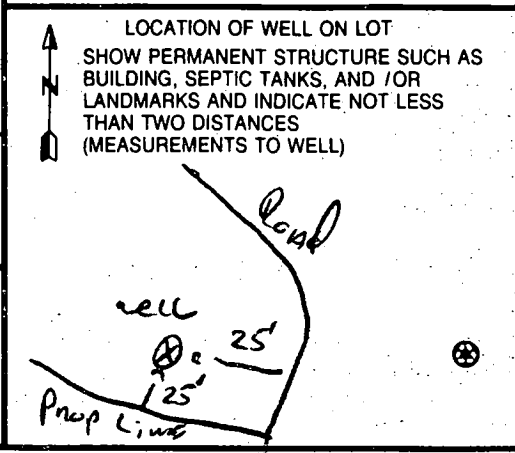
**C2** DEPTH (nearest ft.)  
 1 HO 61 140  
 2  
**E A C H S R E E N**  
 8 9 11 15 17 21  
 23 24 26 30 32 36  
 38 39 41 45 47 51  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH)  
 56 60  
 from to

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 74 75 76  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

**C3** turned & destroyed  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) 3  
 PUMPING RATE (gal. per min.) 10  
 METHOD USED TO MEASURE PUMPING RATE Bucket  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING 18 ft.  
 WHEN PUMPING 19 ft.  
 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. 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)



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. 1 M SD 112**  
**DRILLERS SIGNATURE** (MUST MATCH SIGNATURE ON APPLICATION)  
**LC. NO. 1 M D**  
**SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)**

B 1 04794

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

40-94-3023

(THIS NUMBER IS TO BE PUNCHED IN-COLS. 3-6 ON ALL CARDS)

W514954 please print or type

fill in this form completely

Date Received (APA)

3/30/01

OWNER INFORMATION

ROVER MILLS LLC

8808 CENTRE PARK DR

COLUMBIA MD 21045

B 3

LOCATION OF WELL

HOWARD

FRIENDSHIP LAKES

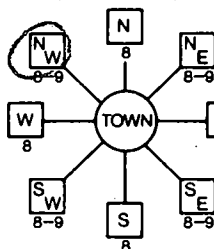
SECTION 44 46 LOT 1A 48 50

GLENELEK

MILES FROM TOWN (enter 0 if in town) 2 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



new power rd

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



25 DISTANCE FROM ROAD

ENTER FT OR MI 1/4

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard Co 1159907H COUNTY NAME COUNTY NO.

STATE SIGNATURE DATE ISSUED

ERDEDV 4/11/01 3/5/02

NORTH GRID 30000 EAST GRID 770000

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)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT-AND-STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTARY DRIVE-POINT

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
D THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER 1000GAP0343-1

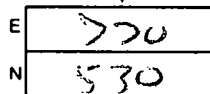
FORCE 111 PERMIT No. 40-94-3023

SPECIAL CONDITIONS

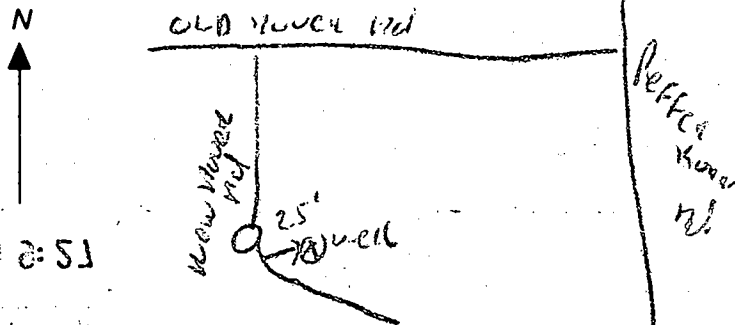
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE



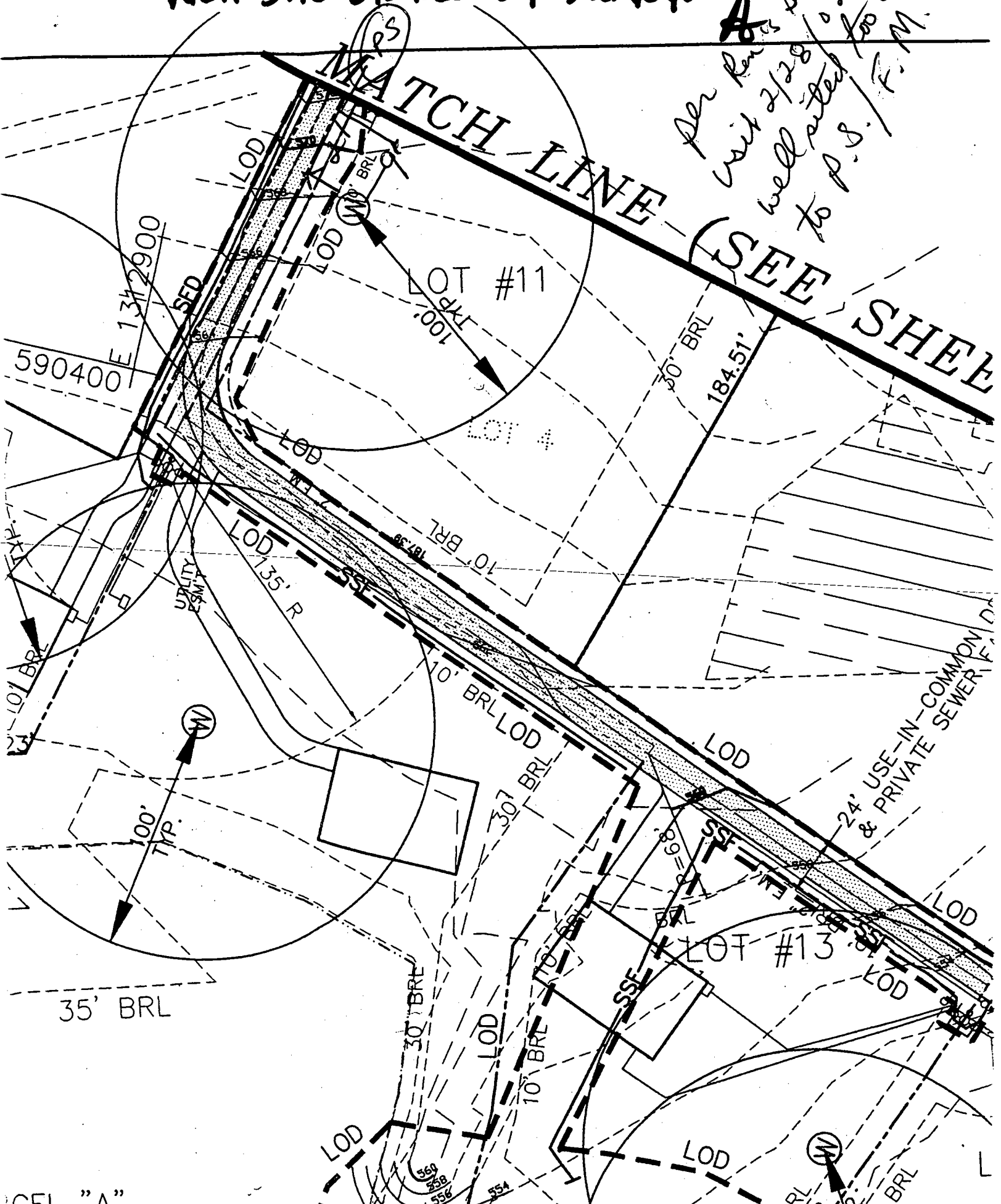
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



3/03/01

Well site staked by surveyor

per Plan A  
with 2/28/02  
well entered to P.S. / F.M.



(SEE SHEET)



# CONVENTIONAL TRENCH SEPTIC SPECIFICATIONS WORKSHEET

PROPERTY ID: Friendship Lakes TAX MAP: 15 A 59907 H  
STREET NAME: New Rover Rd PARCEL #: 175 LOT NUMBER 11

AVERAGE PERCOLATION RATE: \_\_\_\_\_ SQUARE FEET PER BEDROOM \_\_\_\_\_

NUMBER OF BEDROOMS: \_\_\_\_\_ LINEAR FEET OF TRENCH PER BEDROOM \_\_\_\_\_

TOTAL LINEAR FEET OF TRENCH \_\_\_\_\_ SEPTIC TANK CAPACITY \_\_\_\_\_

TOP SEAMED TANK REQUIRED?  YES  NO

COMPARTMENTED TANK REQUIRED?  YES  NO

TRENCH DESIGN: Trench to be \_\_\_\_\_ feet wide, inlet \_\_\_\_\_ feet below original grade. Bottom maximum depth \_\_\_\_\_ feet below original grade. Effective area begins at \_\_\_\_\_ feet below original grade. \_\_\_\_\_ feet of stone below distribution pipe.

**SHARED SEPTIC SYSTEM**

PUMPED SYSTEM PROPOSED:  YES  NO

PUMPED SEPTIC SYSTEM DETAIL: \_\_\_\_\_ gallon pump chamber  
 YES  NO top seamed pump chamber required?

LOCATION:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ADDITIONAL NOTES:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

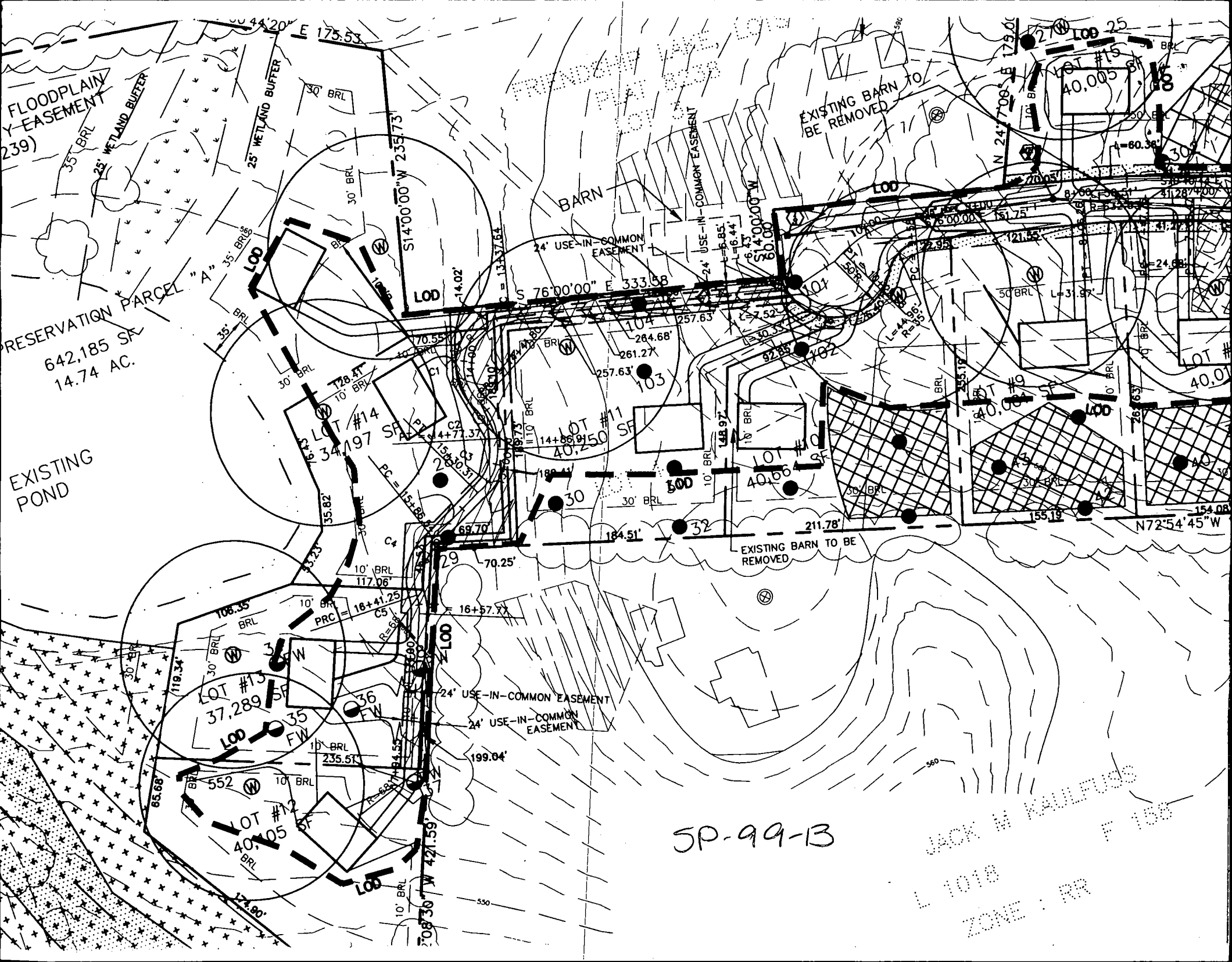
REVIEWER: \_\_\_\_\_ DATE: \_\_\_\_\_



FLOODPLAIN  
EASEMENT  
(239)

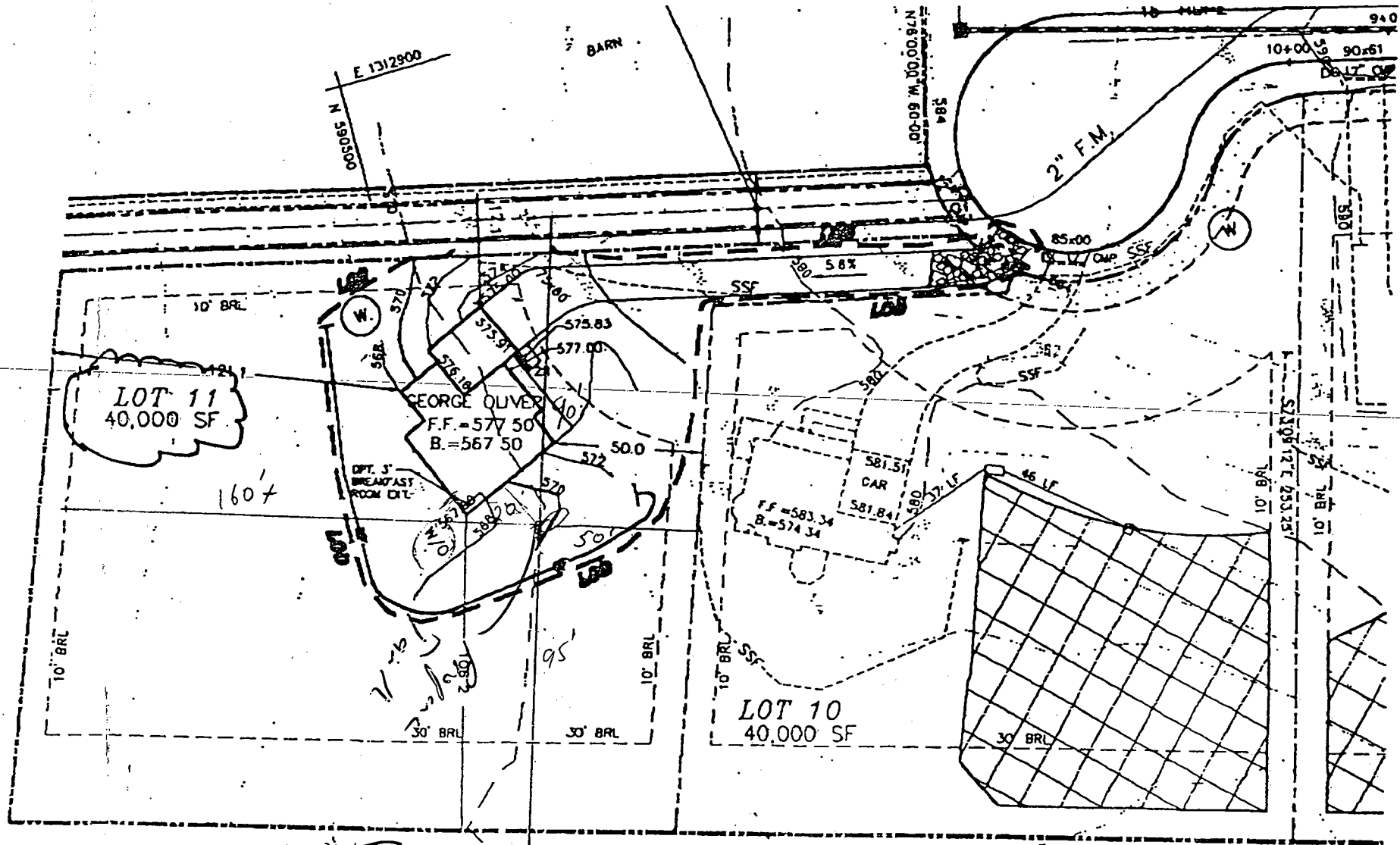
RESERVATION PARCEL "A"  
642,185 SF  
14.74 AC.

EXISTING POND



SP-99-13

JACK H. KALLFUS  
L 1018  
ZONE: RR



06/03/2002 15:38 4109970298

MILDENBERG BOENDER

PAGE 03

*Ok*  
*6/2/02*  
*06/13/02*  
*06/11/02*  
*06/08/02*  
*06/05/02*

N 5905000  
 E 1313250