

2/16/94
10/00
2/12/94 10/00

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-318109

P 49790

A 49422

DISTRICT 3rd

DATE 12/08/93

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

DATE SYSTEM APPROVED 2/18/94

INSPECTOR *JKS*

INDEXED

Charles A. Klein & Sons, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 5220 Klees Mill Road, Sykesville, Maryland 21784 PHONE 549-6960

SUBDIVISION Carroll Mill LOT 3 ROAD 12266 Carroll Mill Road

PROPERTY OWNER James Selfridge Builders

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

3
180
720
6120
12

LINEAR FEET OF TRENCH REQUIRED 120

TRENCHES - Trench to be 2 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 2 feet below original grade. 6 feet of stone below distribution pipe.

LOCATION - Start the first trench 120 feet from the left (697.74') lot line and 155 feet from the right (428.62') lot line. Run trenches on contour to left side of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK MR 12/9/93

PLANS APPROVED BY Mark Rifkin DATE 1/24/93

COVER NO WORK UNTIL INSPECTED AND APPROVED

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

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT SIGNED AND RETURNED 5-27-94

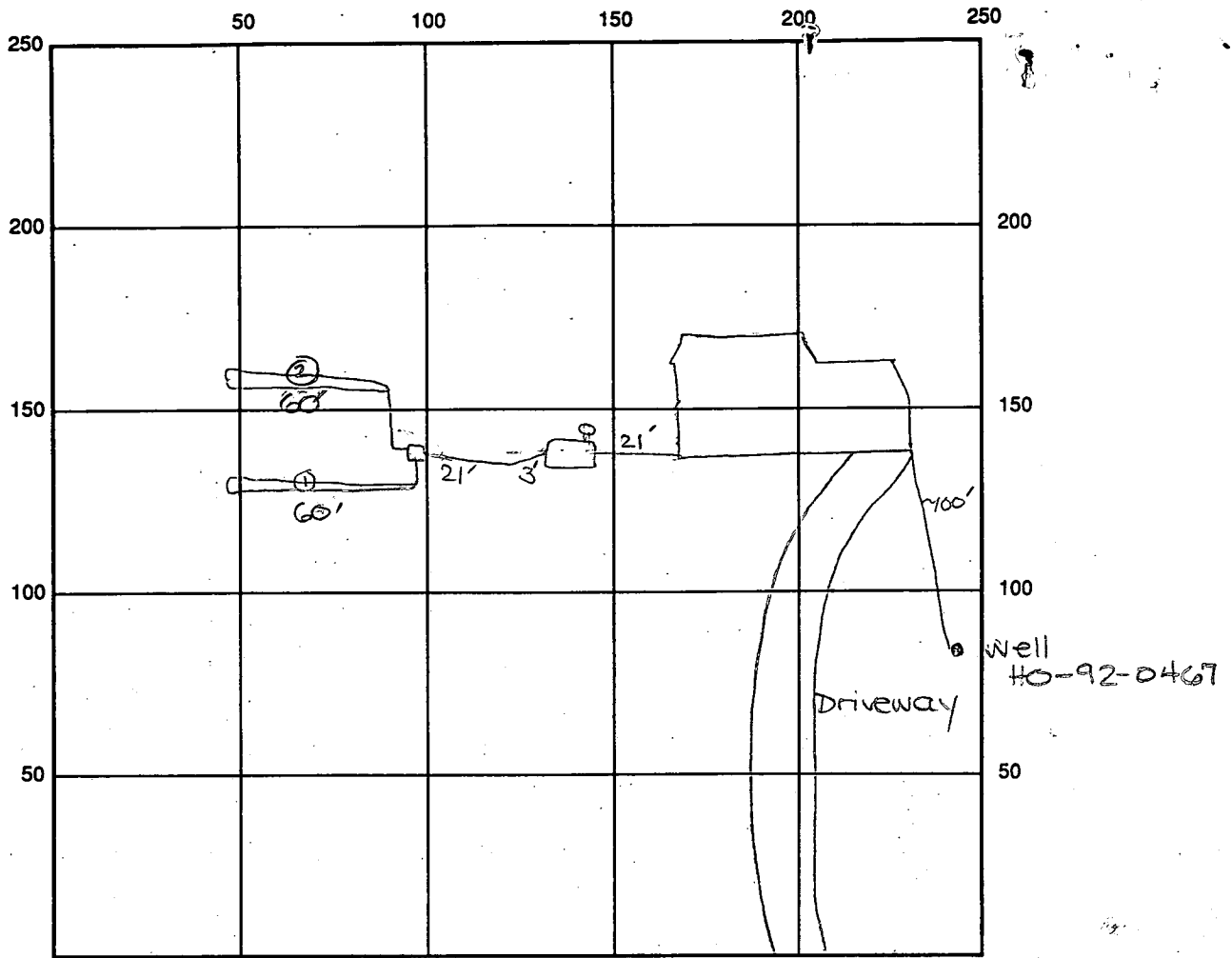
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

A 49422



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 carroll Mill Rd

SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK - baffle in

DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 2 FT.

EFFECTIVE GRAVEL DEPTH 6 FT. TOTAL LENGTH 60' 60' FT. 120' total

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET 1 FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 2/16/94 house connection made. Finish trench (2)
OK to fill with stone and cover septic tank.
Call for inspection before covering work. JKS
2/18/94 OK to cover all work. Call for WPI inspection
at later date.

DATE SYSTEM APPROVED 2/18/94 INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

A 49422
P _____
DISTRICT 3rd
DATE July 7, 1993

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Josephine Davis JAMES Selfridge Builders
ADDRESS 12260 Carroll Mill Rd, E.C. 21042 PHONE _____

PROSPECTIVE BUYER James Selfridge / JHS Construction, Inc.
ADDRESS 8131 Dorsey Run Rd, Jessup 20794 PHONE 799-0200

PROPERTY LOCATION: _____
SUBDIVISION Carroll Mill Rd. LOT NO. NEW 3
ROAD AND DESCRIPTION 12260 12260 Carroll Mill Rd.

TAX MAP 22 PARCEL # 86
SIZE OF LOT 3 acres ± 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.

Christine A. Richards, Agent
Riemer, Douglas Associates
SIGNATURE OF APPLICANT

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS 7/29/93 PERC OK HOLD FOR PLAT B/H DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 11/24/93
Sub # 51451 - SFD
4 Bedroom

THIS IS NOT A PERMIT

HD-216

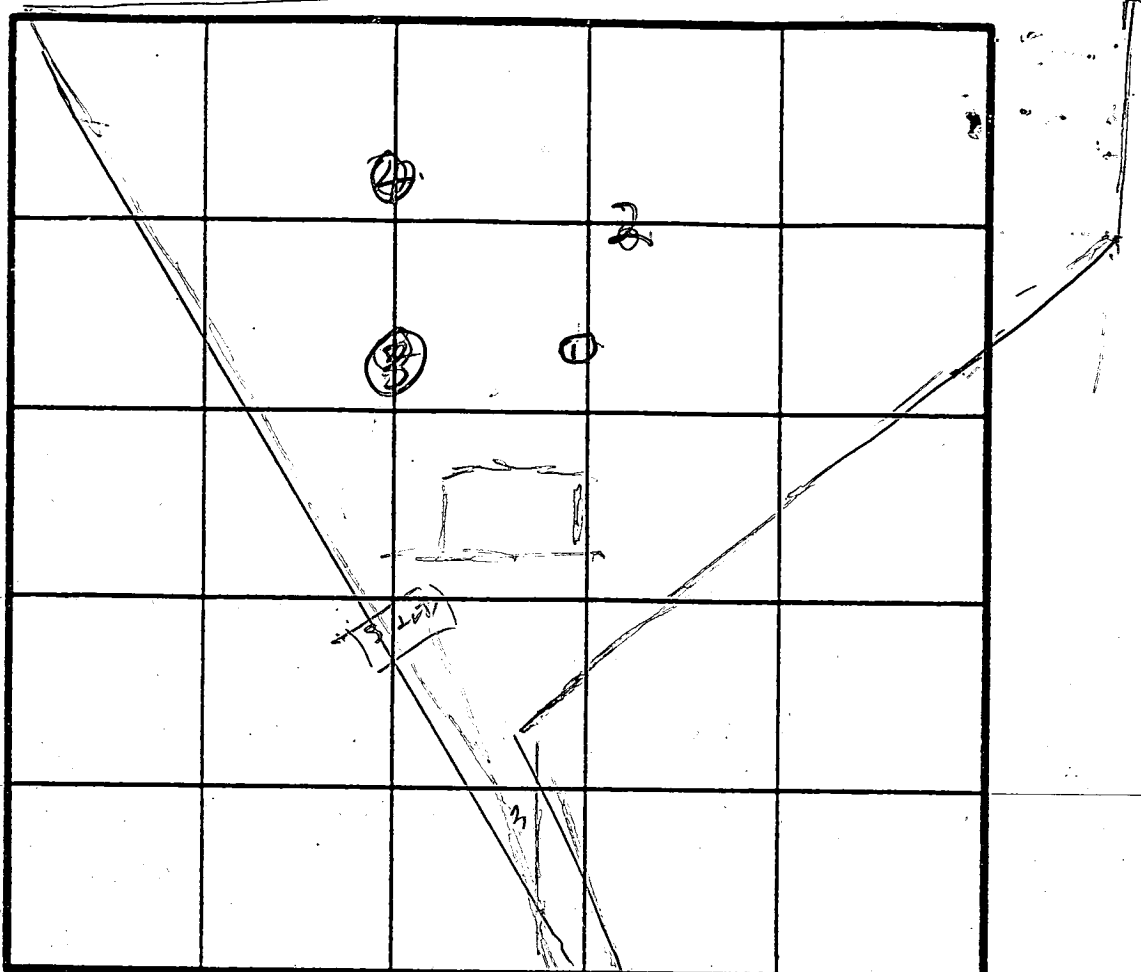
LOT 3
49422

SOIL PROFILE
① ② ④

0
2
BROWN CLAY

BEIGE
COARSE
SAND
LOAM
FEW
ROCKS

1 1/2



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

0
2
③
BROWN CLAY

BEIGE
COARSE
SAND
LOAM
FEW
ROCKS

2

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/29/93	1S	3	254	255	255	256	1
	1V	11.5	OK				
	2S	3	258	259	259	300	1
	2V	11.5	OK				
	3S	3	302	303	303	304	1
	3V	12	OK				
	4S	3	305	306	306	309	3
	4V	11.5					

artime
2 MIN

Max
Depth
2

REMARKS Hole ① ② ③ ④ dug per test Plat

TYPE OF SOIL _____
TESTED BY _____
DEVELOPER JAMES SEBRIDG
OWNER MR DAVIS
ALSO PRESENT MACHIEE LONGSO

B 1 09235 SEQUENCE NO. (DP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER
H0-92-0467
fill in this form completely

Date Received (AP) 10/17/93
OWNER INFORMATION
James A Seifridge
8131 Dorsey Road
Jessup MD 20794

B 3 LOCATION OF WELL
HOWARD COUNTY
CARROLL MILL SUBDIVISION
SECTION 44 LOT 3
WEST FRIENDSHIP NEAREST TOWN
2 MILES FROM TOWN

DRILLER INFORMATION
Paul M. Fabiszak
G. Edgar Harr Sons' Corp.
12047 Falls Rd, Cockeysville 21030
10-14-93

B 4 12260 Carroll M. Rd
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
3000 DISTANCE FROM ROAD
ENTER FT or MI

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

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD COUNTY NAME
A 49422 COUNTY NO.
STATE SIGNATURE
DATE ISSUED 01593
CO SIGNATURE B. Hodges
NORTH GRID 526000 EAST GRID 0517000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 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
FORCE INITIALS IN BOX PERMIT No. H0-92-0467

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
Sketch showing location of well near Philadelphia Road, Carroll Mill Rd, and Walspurge Ct. Includes handwritten notes: '10-29-93 Page 10 9:30 Grant', '98 BAE-7', 'WELL ALREADY GROUTED AT 1030', '30 FT top', '30 FT casing', '5 1/2 Bags', 'EXTRA BAGGED'.

C1 0567

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

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

COUNTY NUMBER

49422

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well (TO NEAREST FOOT) 400

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-92-0467

OWNER SELF RIDGE JAMES STREET OR RFD TOWN WEST FRIENDSHIP SUBDIVISION SECTION LOT 3

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Overburden, Brown Shale, Gray Rock, and Well #1 300' Dry (backfilled).

GROUTING RECORD section including: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CEMENT CM, BENTONITE CLAY BC), NO. OF BAGS (10), NO. OF POUNDS (1000), GALLONS OF WATER (60), DEPTH OF GROUT SEAL (27 ft).

CASING RECORD section including: casing types (ST CO PL OT), MAIN CASING TYPE (PL), Nominal diameter (16 inch), Total depth (37 feet).

OTHER CASING (if used) section with diameter and depth fields.

SCREEN RECORD section including: screen type (ST BR HO PL OT), SLOT SIZE (1, 2, 3), DIAMETER OF SCREEN (56, 60).

DEPTH (nearest ft.) section with grid for recording depth measurements (e.g., 37, 400).

PUMPING TEST section including: HOURS PUMPED (4), PUMPING RATE (2 gal. per min.), METHOD USED TO MEASURE PUMPING RATE (Submersible), WATER LEVEL (25 before, 300 when pumping), TYPE OF PUMP USED (S submersible).

PUMP INSTALLED section including: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED (S), CAPACITY (GALLONS PER MINUTE), PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (+ above, - below).

CIRCLE APPROPRIATE LETTER section with options: A (WELL ABANDONED AND SEALED), 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 IDENT. NO. 399, DRILLERS SIGNATURE (Robert Price)

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

LOCATION OF WELL ON LOT section with instructions to show permanent structure and landmarks.

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

OEP USE ONLY section including: TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

NO MAP Available

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

3/21/94

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # 0
Date 3/17/94

Name of Installer Harold L. Corbin

Telephone 202-4588

License Number PE 0098

Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner J. A. Selfridge Builders Telephone 799-0200

Subdivision Carroll Mills Lot # 3 Well Tag # HO-92-0467

Site Address 12266 Carroll Mill Rd

- | Pump | Motor | Pitless Adapter |
|---|--|---|
| 1. Type
a. Deep well jet <input type="checkbox"/>
b. Shallow well jet <input type="checkbox"/>
c. Submersible <input checked="" type="checkbox"/> | 1. Horsepower <u>3/4</u>
2. RPM <u>3450</u>
3. Voltage <u>115</u>
a. 110 <input type="checkbox"/>
b. 220 <input checked="" type="checkbox"/> | 1. Make <u>Haas PT 800</u>
2. Model # <u></u>
3. Depth <u>42"</u> |
| 2. Make <u>Goulds</u> | | |
| 3. Model # <u>5E507412</u> | | |
| 4. Capacity <u>5</u> GPM | | |
| 5. Pump exceeds well capacity Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | |
| 6. If Yes, is low pressure cutoff switch installed? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | |
| 7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors <input type="checkbox"/> Cable guards <input checked="" type="checkbox"/> Other <input type="checkbox"/> | | |

- | Tank | Piping | Well data |
|--|---|--|
| 1. Capacity <u>25</u> | 1. Type <u>Flexible 1/2"</u> | 1. Depth <u>400</u> ft. |
| 2. Pressure relief valve? <u>yes</u> <small>All OK as per telephone call 12:30 3/28/94 DKS Mr. Corbin.</small> | 2. Size <u>1"</u> | 2. Yield <u>2</u> GPM |
| <u>42" below grade</u>
<u>1' above grade</u>
<u>well line covered</u> | 3. NSF and/or BOCA Code approved <u>yes</u> | 3. Static water level <u>25</u> ft. |
| | 4. Depth of supply line <u>42"</u> | 4. Will water supply be disinfected by installer? <u>yes</u> |
- 3/21/94 DKS

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Harold L. Corbin

Date: 3/17/94

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

ULTRAVIOLET WATER DISINFECTION

UV 602
UV 605/UV 605 plus
UV 608/UV 608 plus
UV 612/UV 612 plus



In-Line UV Disinfection Systems

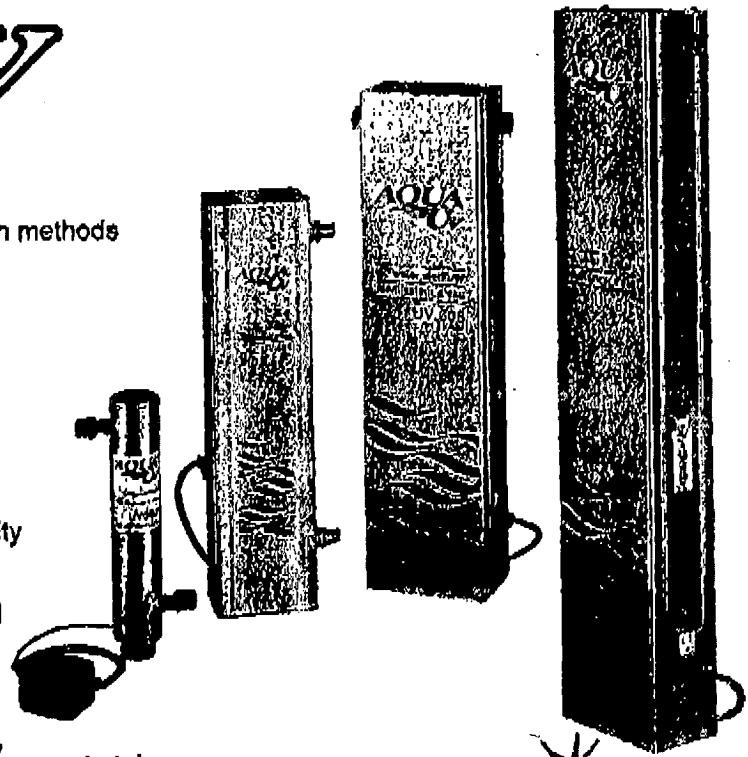
- high performance UV output
- 5 year warranty on stainless steel water chamber
- easy lamp replacement without water shutdown
- audio alarm indicates premature lamp failure
- economical system compared to other disinfection methods
- easy access for quartz sleeve cleaning
- long-life anodized aluminum casing
- installs with household tools

Options available in the AQUA plus Models

- UV intensity indicator showing UV output at 254 nanometer wavelength
- audio and visual alarm indicates when UV intensity drops below the level required to maintain water disinfection
- AC outlet to provide power to operate an optional normally closed solenoid shut-off valve
- output terminal for optional remote audio alarm

UV 602

Compact and economical, at 2 gallons per minute, you can take the UV 602 anywhere, the cottage, boat, or hotel.



Specifications:	UV 602	UV 605 & 605 plus	UV 608 & 608 plus	UV 612 & 612 plus
Recommended Flow Rate	2 US Gallons/min. 7.5 L/min.	5 US Gallons/min. 19 L/min.	8 US Gallons/min. 30 L/min.	12 US Gallons/min. 45 L/min.
UV Output	>30,000 mW.sec cm ²	>30,000 mW.sec cm ²	>30,000 mW.sec cm ²	>30,000 mW.sec cm ²
Electrical	120V/60 Hz 220-240V/50 Hz DC	120V/60 Hz 220V-240V/50 Hz	120V/60 Hz 220V-240V/50 Hz	120V/60 Hz 220V-240V/50 Hz
Watts	15	40	48	50
Number of Lamps	1	1	1	1
Number of Ballasts	1	1	1	1
Water Temperature	38°-104°F / 2-40°C	38°-104°F / 2-40°C	38°-104°F / 2-40°C	38°-104°F / 2-40°C
Ambient Temperature Range	38°-104°F / 2-40°C	38°-104°F / 2-40°C	38°-104°F / 2-40°C	38°-104°F / 2-40°C
Maximum Operating Pressure	125 psi (9 Bar)	125 psi (9 Bar)	125 psi (9 Bar)	125 psi (9 Bar)
Inlet/Outlet Connection	3/4" FNPT / 3/4" MNPT .95 cm FNPT/1.91 cm MNPT	3/4" FNPT / 3/4" MNPT .95 cm FNPT/1.91 cm MNPT	1" MNPT 2.54 cm MNPT	1" MNPT 2.54 cm MNPT
Dimensions	14" x 2 1/2" 36 cm x 6.5 cm	24" x 5 1/4" x 3 3/4" 61 cm x 14 cm x 9 cm	28" x 8 1/2" x 4 1/2" 71 cm x 22 cm x 12 cm	38 1/2" x 8 1/2" x 4 1/2" 98 cm x 22 cm x 12 cm
Materials: UV Chamber	304 S.S.	304 S.S.	304 S.S.	304 S.S.
Seals	F.D.A. Approved Materials	F.D.A. Approved Materials	F.D.A. Approved Materials	F.D.A. Approved Materials
Housing	N/A	Anodized Aluminum	Anodized Aluminum	Anodized Aluminum
Weight	3 1/4 lbs / 1.5 kg	9 1/2 lbs / 4.5 kg	18 lbs / 8 kg	27 lbs / 12 kg
Power Cable Length	5' / 1.52 m	5' / 1.52 m	5' / 1.52 m	5' / 1.52 m

For more information contact: Trojan Technologies Inc., Innovators in UV Technology for home, industry and community.
 845 Conestoga Court, London, Ontario N6E 2B9 Port Huron, Michigan
 (519) 685-8860 Fax (519) 881-8355

ULTRAVIOLET WATER DISINFECTION



trojan

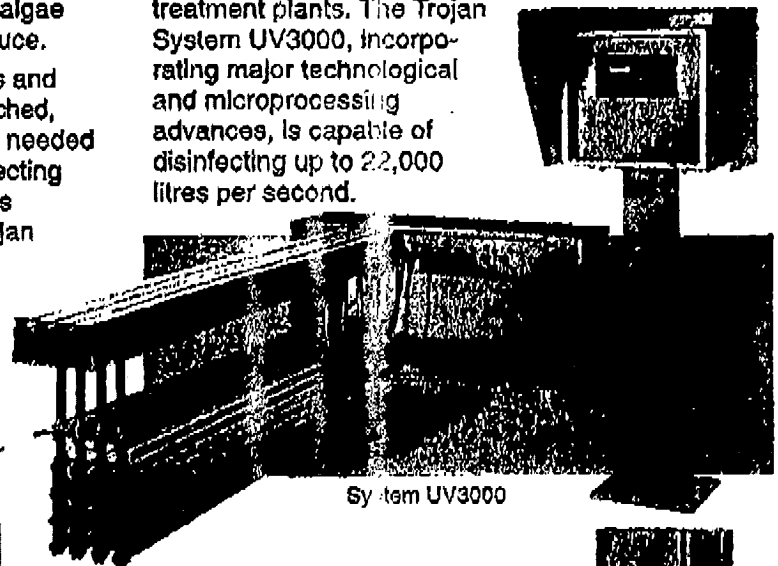
Ultraviolet light

is the environmentally-responsible way to disinfect water. Concentrated doses of UV light, at the germicidal wavelength of 253.7 nanometers, alter the genetic (DNA) material in cells so that bacteria, viruses, molds, algae and other micro-organisms can no longer reproduce.

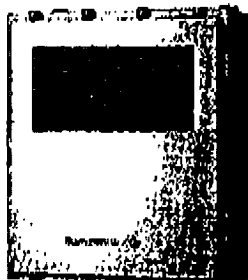
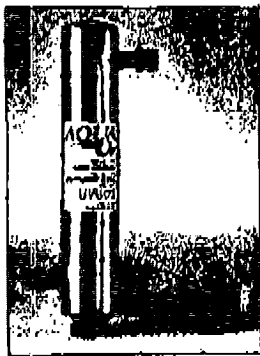
Over the past 15 years, microbiologists, chemists and engineers at Trojan Technologies Inc. have researched, developed and refined the innovative technology needed to harness and concentrate UV energy for disinfecting water and waste water. Through ongoing arduous research and concentrated effort in this field, Trojan Technologies has become the world leader in UV technology and applications.

Trojan's complete line of UV disinfection systems are being used world wide—in homes, in industry, in institutions and in municipal water and waste water treatment plants. Trojan has low capacity (gallons per minute) UV systems for residential and commercial use, high capacity

(millions of gallons per day) pressurized units for industrial and institutional applications and large modular disinfection units for municipal waste water treatment plants. The Trojan System UV3000, incorporating major technological and microprocessing advances, is capable of disinfecting up to 22,000 litres per second.



System UV3000



From 2 gallons per minute to 800 gallons per minute, Aqua UV has the ultraviolet water disinfection unit to match your specific need.



DATE: March 31

LOT# Carroll Mill Lot #3

OWNER (S): Fernando Noriega & Caron Lymna

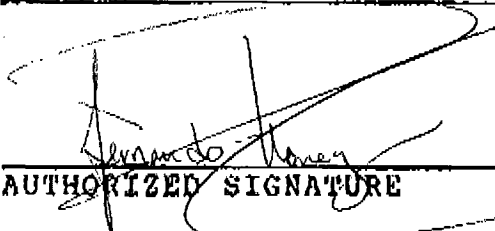
ADDRESS: 12266 Carroll Mill Road

DESCRIPTION: _____


1) Trojan UltraViolet light filtration system.	\$1,200.00
--	------------

2) Electrical receptacle for above system	25.00
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TOTAL COST OF THIS CHANGE ORDER	\$1,225.00
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 AUTHORIZED SIGNATURE



 AUTHORIZED SIGNATURE
 James H. Selfridge Builders, Inc.



Dr. Fernando R. Noriega
10 S. Pine St.
MSTF Rm 9-57
Baltimore, MD 21201

March 31, 1994

Mr. Craig Williams

Director, Water and Sewer Bureau of Environmental Health
3525 Ellicott Mills Dr.
Ellicott City, MD 21043

Dear Mr. Williams:

This follows a telephone conversation with Mrs. Jane Meadow. We are scheduled to close in a house that James H Selfridge Builders, Inc. built for us in Howard County this April 5th, 1994. This house is located at 12266 Carroll Mill Rd., Ellicott City, MD 21042. We could have never imagined that we had decided to build a house through the worst winter in memory. Two months ago, when the roof on the house was installed, we thought that it will be safe to lock a mortgage loan rate for 60 days, we thought that the weather just could not get worst..... but it did. Fortunately, and in this I have to give credit to our builder, the house was completed, down to the wire, to close this Tuesday April 5th. The faucets were placed last week and the water from the well tested by an authorized laboratory (ie. Cassell), and that is where our problem starts. The water was considered "unsafe for drinking purposes" and we need to present to our bank (ie. Signet) a Well Certification expedited by your Bureau in order to be able to close.

Please find attached a copy of the certificate of analysis from Cassell Testing, Inc.. After the well was chlorinated, they found that coliforms (non-fecal) were present. Other parameters such as nitrates and turbidity were well within the norm. We understand that, under normal circumstances, this problem would be solved, most of the time, by repeating the chlorination more than once if necessary. And we have instructed our builder to do so. However, we are very concerned that we will run out of time and will not be able to close if by any reason the presence of coliforms is still detected in the water. Therefore we have instructed our builder to place an ultraviolet light water disinfection system in that

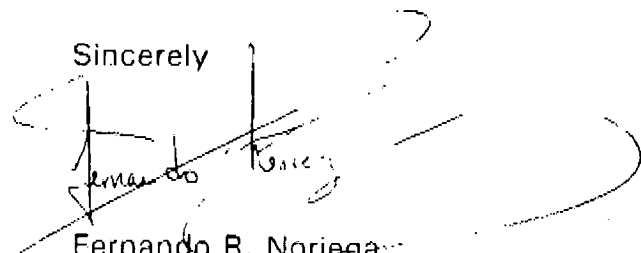
house (in addition to the second chlorination). Please find attached the manufacturer specifications of such system. The model being placed in that house is the UV612 plus (Trojan Technologies, Inc.), that has a recommended flow rate of 12 US gallons/min.

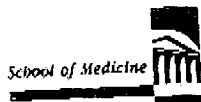
Our builder has instructed Cassell Testing, Inc. to fax you directly the results of the new testings. After the helpful suggestions of Mrs. Meadow, they will try to have tested at least two samples, one after chlorination taking the water through a port before it enters the UV system and one after it has passed through the UV system. We hope that those results will be ready and available to you this Monday April 4th.

I would like to reassure you that by trying to solve this problem as soon as possible we are not trying to "beat the system". I work at the University of Maryland Hospital as a pediatrician. My specialty is Pediatric Infectious Diseases and my field of research is in organisms that produce enteric infections (ie. *Shigella*, *Salmonella*). I will never put my family in a dangerous situation because of a contaminated well.

Once more, we ask for your understanding and to accept the results that we expect will come to you Monday (Tuesday morning the latest). Please do not hesitate to contact me (tel: -410- 706-2341; fax: -410- 706 6205) or Jim Selfridge (tel: -410- 799 0200; fax: -410-799 5653), our builder, with any questions or comments on this respect.

Sincerely


Fernando R. Noriega

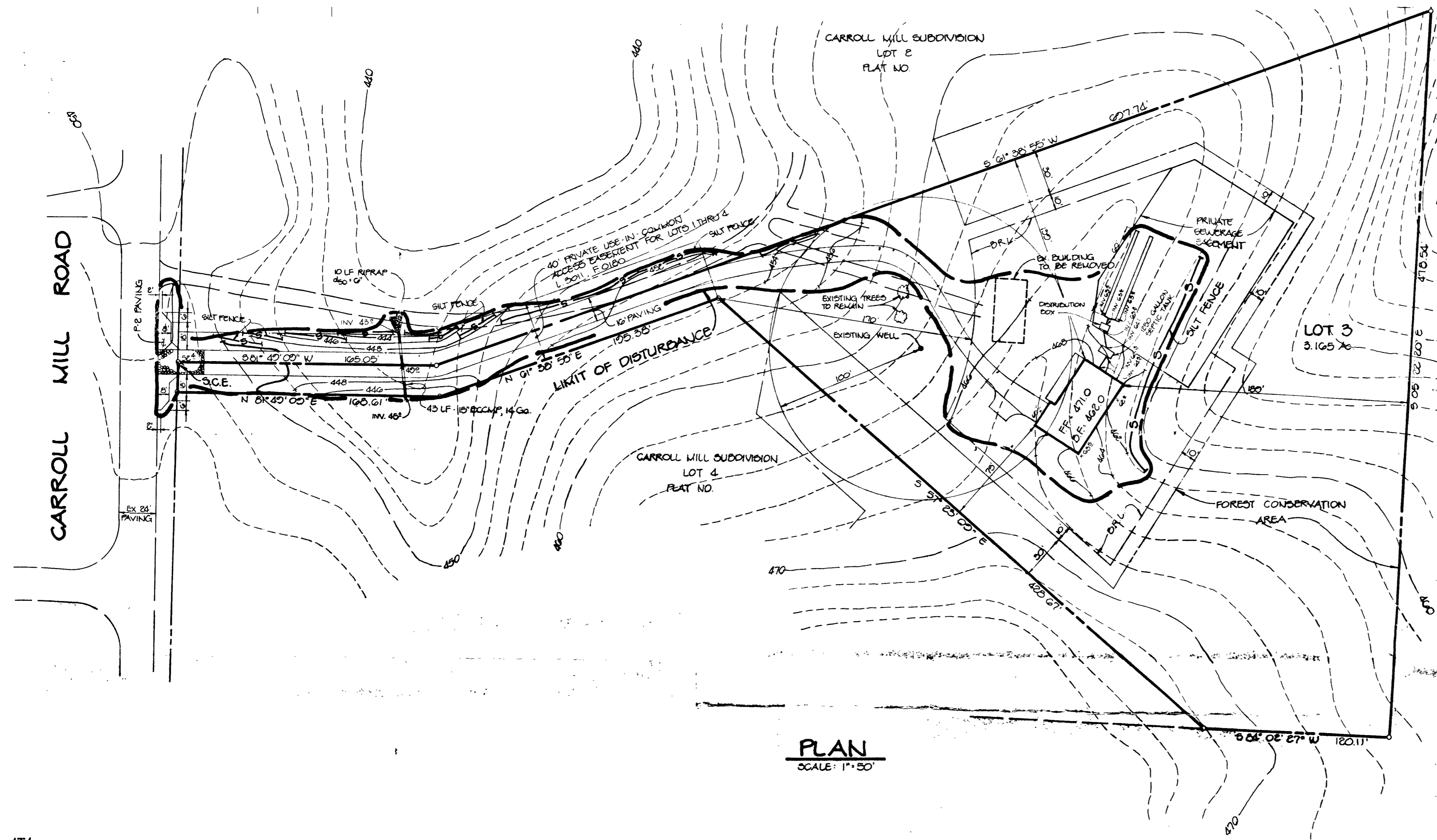


FERNANDO R. NORIEGA, M.D., M.P.H.
Assistant Professor

UNIVERSITY OF MARYLAND
AT BALTIMORE

Center for Vaccine Development
Division of Infectious Diseases and Tropical Pediatrics
Division of Geographic Medicine
10 South Pine Street, Baltimore, Maryland 21201-1192
410 706 5328 / 410 706 2341 / 410 706 6205 FAX

CARROLL MILL ROAD



elevations OK
 MR 11/24/93
 BP 51451
 4BR

PROPERTY OF
 MICHELE R. FISH
 L. 2450 F. 68

18" MINIMUM COVER
 ON SEPTIC TANK
 NO BASEMENT GRAVITY SERVICE

PLAN
 SCALE: 1" = 50'

ATA

DATE	NO.	REVISION
OWNER/DEVELOPER		
JAMES H. SELFRIDGE BUILDERS, INC. 8101 DORSEY RUN ROAD JESSUP, MARYLAND 20754		
PROJECT:		
CARROLL MILL SUBDIVISION LOT 3		
AREA TAX MAP NO 22 PARCEL 66 ZONED RR		
3 RD ELECTION DISTRICT		
HOWARD COUNTY, MARYLAND		
TITLE:		
PLOT PLAN		
RIEMER MUEGGE & ASSOCIATES, INC. A Land Planning, Engineering and Consulting Firm 8818 Centre Park Drive • Suite 200 • Columbia, Maryland 21045 301-997-8900 • FAX: 301-997-9282		
DATE	DESIGNED BY: CJR	
	DRAWN BY: MAD	
	PROJECT NO: 92407	
	DATE: 11-10-93	
	SCALE: AS SHOWN	
	DRAWING NO. 1 OF 1	

Building Address 12266 Carroll Mill Rd.
 Suite/Apt. #: _____ SDP/WP/Petition #: _____
 Census Tract _____ Subdivision _____
 Section _____ Area _____ Lot 3
 Tax Map _____ Parcel _____ Grid _____
 Zoning _____ Map Coordinates _____ Lot size _____

Property Owner's Name George Pat Bradsley
 Address 12266 Carroll Mill Rd.
 City _____ State MD Zip Code 21043
 Home Phone _____ Work Phone _____
 Applicant's Name & Mailing Address, (if other than stated hereon): _____
 Phone _____ Fax _____

Existing Use Residential
 Proposed Use Residential - 24x20 Garage
 Estimated Construction Cost \$ 32,000.00
 Description of Work 24x20 Garage attached to side of house 26' x 14' of main deck will be to back of house

Contractor Company _____
 Contact Person _____
 Address _____
 City _____ State MD Zip Code 21055
 License No. 3227
 Phone _____ Fax _____

Occupant or Tenant George Pat Bradsley
 Contact Name George Pat Bradsley
 Address 12266 Carroll Mill Rd.
 City Ellicott City State MD Zip Code 21043
 Phone 410-291-2052 Fax (410) 461-1111

Engineer or Architect Company _____
 Contact Person Sam
 Address _____
 City _____ State _____ Zip Code _____
 Phone _____ Fax _____

BUILDING DESCRIPTION - COMMERCIAL

Building Characteristics	Utilities
Height: _____	Water Supply: <input type="checkbox"/> Public <input type="checkbox"/> Private
No. of stories: _____	Sewage Disposal: <input type="checkbox"/> Public <input type="checkbox"/> Private
Gross area, sq. ft. per floor: _____	Electric: Yes <input type="checkbox"/> No <input type="checkbox"/>
Use group: _____	Gas: Yes <input type="checkbox"/> No <input type="checkbox"/>
Construction type: _____	Heating System: _____
<input type="checkbox"/> Reinforced Concrete	Electric <input type="checkbox"/> Oil <input type="checkbox"/>
<input type="checkbox"/> Structural Steel	Natural Gas <input type="checkbox"/>
<input type="checkbox"/> Masonry	Propane Gas <input type="checkbox"/>
<input type="checkbox"/> Wood Frame	Sprinkler system: <u>N/A</u> <input type="checkbox"/>
<input type="checkbox"/> State Certified Modular	Full _____
	Partial _____
	Other Suppression _____
	# of Heads _____

BUILDING DESCRIPTION - RESIDENTIAL

Building Characteristics	Utilities
SF Dwelling <input checked="" type="checkbox"/> SF Townhouse <input type="checkbox"/>	Water Supply: <input type="checkbox"/> Public <input type="checkbox"/> Private
1st floor: <u>Depth</u> <u>Width</u>	Sewage Disposal: <input type="checkbox"/> Public <input type="checkbox"/> Private
2nd floor: _____	Electric: Yes <input type="checkbox"/> No <input type="checkbox"/>
Basement: _____	Gas: Yes <input type="checkbox"/> No <input type="checkbox"/>
Finished Basement <input type="checkbox"/> Unfinished Basement <input checked="" type="checkbox"/>	Heating System: _____
Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/>	Electric <input type="checkbox"/> Oil <input type="checkbox"/>
No. of Bedrooms: _____	Natural Gas <input type="checkbox"/>
Multi-family dwellings: _____	Propane Gas <input type="checkbox"/>
No. of efficiency units: _____	Sprinkler system: <u>N/A</u> <input type="checkbox"/>
No. of 1 BR units: _____	Full _____
No. of 2 BR units: _____	Partial _____
No. of 3 BR units: _____	Other Suppression _____
Other Structure: _____	# of Heads _____
Dimensions: _____	
Footings: _____	<input type="checkbox"/> NFPA #13D
Roof: _____	<input type="checkbox"/> NFPA #13R
	<input type="checkbox"/> Other: _____
<input type="checkbox"/> State Certified Modular	
<input type="checkbox"/> Manufactured Home	

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

Applicant's Signature _____
 Title/Company _____

Print Name David Bradsley
 Date 5-27-99

Checks payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**
**** PLEASE WRITE NEATLY AND LEGIBLY. ****
FOR OFFICE USE ONLY.

AGENCY	DATE	SIGNATURE APPROVAL
<input checked="" type="checkbox"/> Land Development, DPZ		
<input type="checkbox"/> State Highways		
<input checked="" type="checkbox"/> Building Official	<u>2/7/99</u>	<u>[Signature]</u>
<input checked="" type="checkbox"/> Dev. Engineering, DPZ		
<input checked="" type="checkbox"/> Health	<u>5/27/99</u>	<u>[Signature]</u>
<input checked="" type="checkbox"/> Fire Protection		

Is Sediment Control approval required prior to issuance?
 YES NO

CONTINGENCY CONSTRUCTION START:

ONE STOP SHOP:

DEPT. SETBACK INFORMATION

Front: _____
 Rear: _____
 Side: _____
 Side St.: _____

All minimum setbacks met?
 YES NO

Is Entrance Permit required?
 YES NO

Historic District?
 YES NO

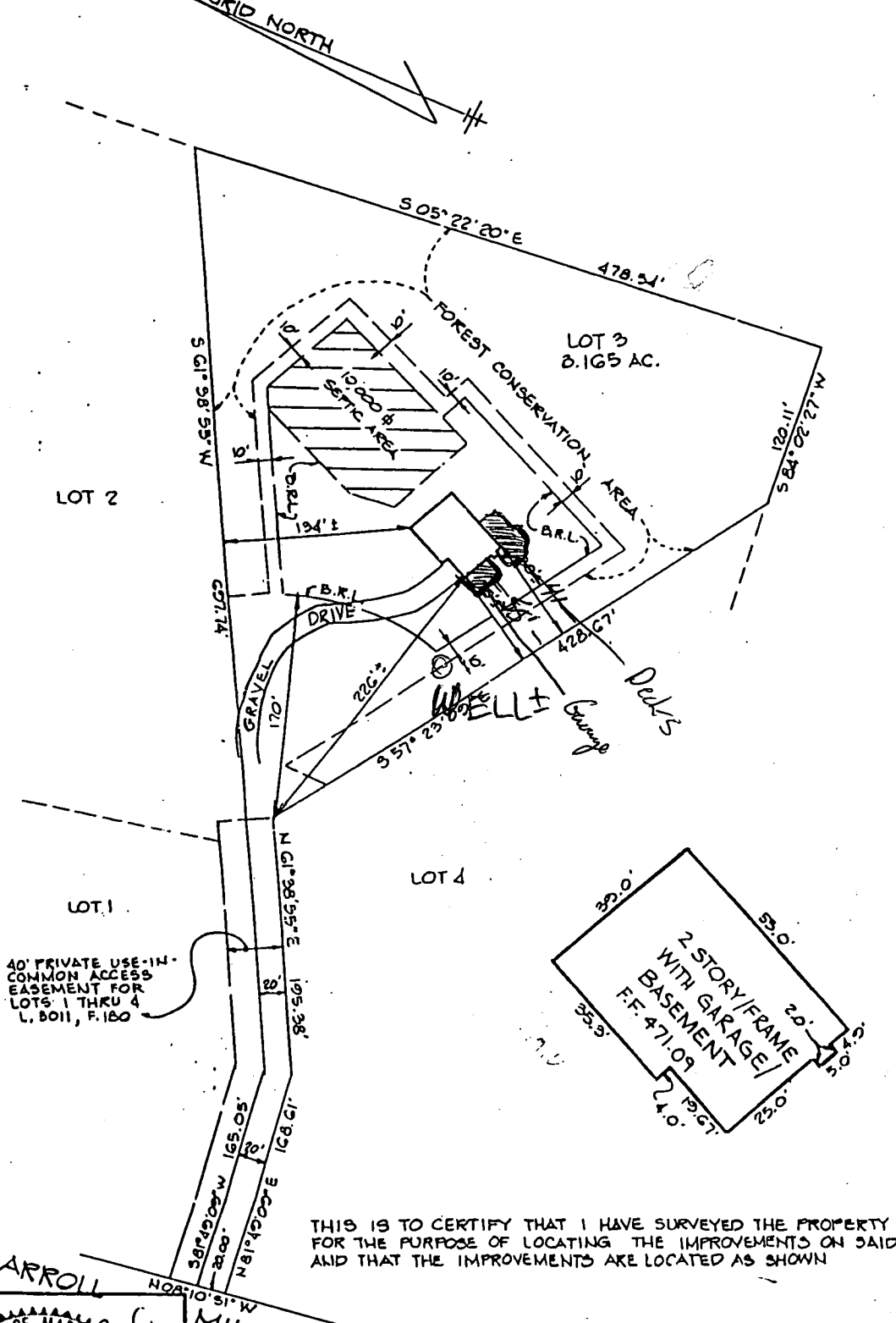
Lot Coverage for New Town Zone _____
 SDP/Red-line approval date _____

PROPERTY ID# 3145

Filing fee	\$ <u>75</u>
Permit fee	\$ <u>200</u>
Excise tax	\$ <u>580</u>
Sub-total paid	\$ _____
Add'l permit fee	\$ _____
TOTAL FEES	\$ <u>457</u>
Balance due	\$ _____
Check	\$ _____
Validation	# _____

Distribution of Copies - White: Building Official Green: LDD, DPZ Yellow: DED, DPZ Pink: Health Gold: SHA

GRID NORTH



2 DECKS AND GARAGE OK TO SIGN MR 5/27/99

THIS IS TO CERTIFY THAT I HAVE SURVEYED THE PROPERTY SHOWN HEREON FOR THE PURPOSE OF LOCATING THE IMPROVEMENTS ON SAID PROPERTY AND THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN



Olav Shankford

4/9/94
DATE

RECEIVED
MAY 27 1999

MER MUEGGE & ASSOCIATES, INC.
SUITE 200
8818 CENTRE PARK DRIVE
COLUMBIA, MARYLAND 21045
TELEPHONE (410)997-8900
FAX (410)997-9282

LOCATION SURVEY
CARROLL MILL SUBDIVISION
LOT 3
3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SEE RECORDED PLAT # 1100C
SCALE: 1" = 100' WO. NO. 92408 BY: L.J.D. DATE: 12/16/93