

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEX - TIME EXPIRED FOR

F.C.O.P. COMPLIANCE

DATE SYSTEM APPROVED 6/3/92

INSPECTOR C.W.

INDEXED

Jack Fyock

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS _____ PHONE 988-9270

SUBDIVISION Highland Lakes, Sec. 1 LOT 22 ROAD 6625 Prestwick Drive

PROPERTY OWNER Allison & Joel Matuskey

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

PUMPED SEPTIC SYSTEM

NUMBER OF BEDROOMS 4

Install: 1000 gal. pump pit

Dual effluent pumps with alarms

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 160 feet from the right (470.35') lot line and 30 feet from the front (232.91') lot line as seen when facing the lot from Prestwick Drive. Run trenches on contour toward the right (470.35') lot line.

NOTES - MAINTAIN A MINIMUM OF 100 FEET FROM THE WELL. NO trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY Jane Nadeau/Mark Rifkin

REVISED DATE 9/26/89
11/6/91

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 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

Hold For Pump Test 6/3/92

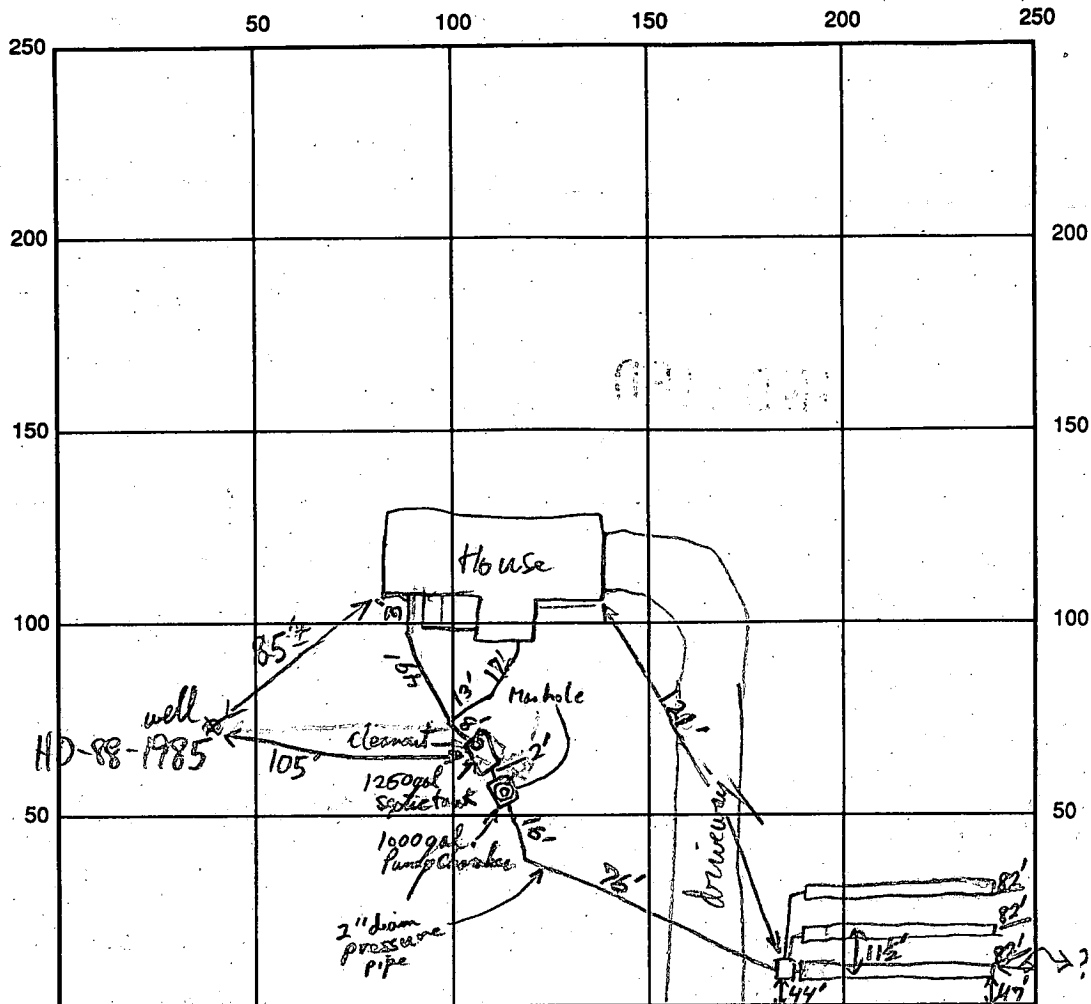
P 49330

A 30169

DISTRICT 5th

DATE 6/8/93

P 49330



Prestwick Drive INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL ☒

1250 gal. / Pump Chamber

CLEANOUTS S.T. ; P.C. has Manhole to surface

DISTRIBUTION BOX LEVEL ☒

DRAIN FIELD/TITLE DEPTH 5' FT.

TRENCH WIDTH 3 FT.

INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2' FT.

TOTAL LENGTH 82/82/82 FT.

NUMBER OF TRENCHES 3

ONE SIDEWALL/BOTTOM AREA 246/246/246 SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT.

EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 738 SQ. FT.

REMARKS: OK to cover lot last trench - 6/1/92 last trench, all piping and S.T. + P.C. OK
to cover. Still need a pump test when electrical pump fixtures added. 6/2/92

BOLLIER PUMPS CONFIRMED FUNCTIONAL 6/3/92 CW.

DATE SYSTEM APPROVED JUNE 3, 1992

INSPECTOR Craig Williams

6-3-92
12 noon

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

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation yes
Replacement _____

Receipt # 48191
Date 6/1/92

Name of Installer CORNWELL PLUMBING & HEATING

Telephone 988-9221

License Number M-3036

Certified Well Pump Installer yes Well Driller _____ Registered Plumber yes

Name of Property Owner MAGGIO HOMES

Telephone 381-7392

Subdivision HIGHLAND LAKES Lot # 22

Well Tag # 40-88-1985

Site Address 6625 PRESTWICK DR

HIGHLAND MD 20777

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible yes
- Make JACUZZI
- Model # _____
- Capacity 7 GPM
- Pump exceeds well capacity Yes _____ No #
- If Yes, is low pressure cutoff switch installed? Yes _____ No _____
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other #

Motor

- Horsepower 3/4
- RPM _____
- Voltage 220
 - 110 _____
 - 220 #

Pitless Adapter

- Make _____
- Model # _____
- Depth 42"

Tank

- Capacity 32 gal
- Pressure relief valve? yes

P.A. OK 3-3 1/2' B-G.
MR 6/3/92

Piping

- Type polly blue
- Size 1"
- NSF and/or BOCA Code approved _____
- Depth of supply line 250'

Well data

- Depth _____ ft.
- Yield _____ GPM
- Static water level _____ ft.
- Will water supply be disinfected by installer? yes

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: Thomas Sumrell

Date: 6/1/92

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

A 30169SUBDIVISION: Highland Lake, Sec-1
Prestwick DriveLOT NUMBER: 22DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	Septic Tank
3 bedroom	1000 gallon
4 bedroom	1250 gallon
5 bedroom	1500 gallon

Minimum Total Square Feet

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

4 BK. 240 ft linear trench
 $3 \overline{) 720}$
 $\underline{6} \ 20$
 $\underline{3} \ (80) =$

PUMPED SEPTIC SYSTEM.

TRENCHES

1000 GAL PUMP PIT
DUAL EFFLUENT PUMPS WITH ALARMS.180 sq. ft./bedroomTrench to be 3.0 ft 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.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: Place the distribution box 160 ft from the right (470.35') lot line and 30 ft from the front (232.91') lot line as seen when facing the lot from Prestwick Drive. Run trenches on contour toward the right (470.35') and left (566.77') lot line. Maintain a minimum of 100 ft from the well. A 1000 gal pump pit is required with dual pumps and alarms. JEN 9-26-89

HD-191

REVISED MR 11/6/91

APPLICATION

PERCOLATION TESTING

A 30169

P _____

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

DISTRICT _____

DATE _____

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 Bucher, Walter Allison & Joel Matuskey 20910

ADDRESS 8777 - 1st AVE SILVER SPRING MD PHONE 588-3100
290 - 9848

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Highland Lake Sec-1 LOT NO. 22 Retest

ROAD AND DESCRIPTION 6625 Prestwick Drive

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ 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 _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 7-7-89 Pending perc certification plat, SHALLOW
SYSTEM ONLY with a pump pit and dual alarm
system. JEN

BLDG. PERMIT SIGNED
AND RETURNED 4/26/91
David A. 47318

THIS IS NOT A PERMIT

A 30169

(A) (D)
SOIL PROFILE

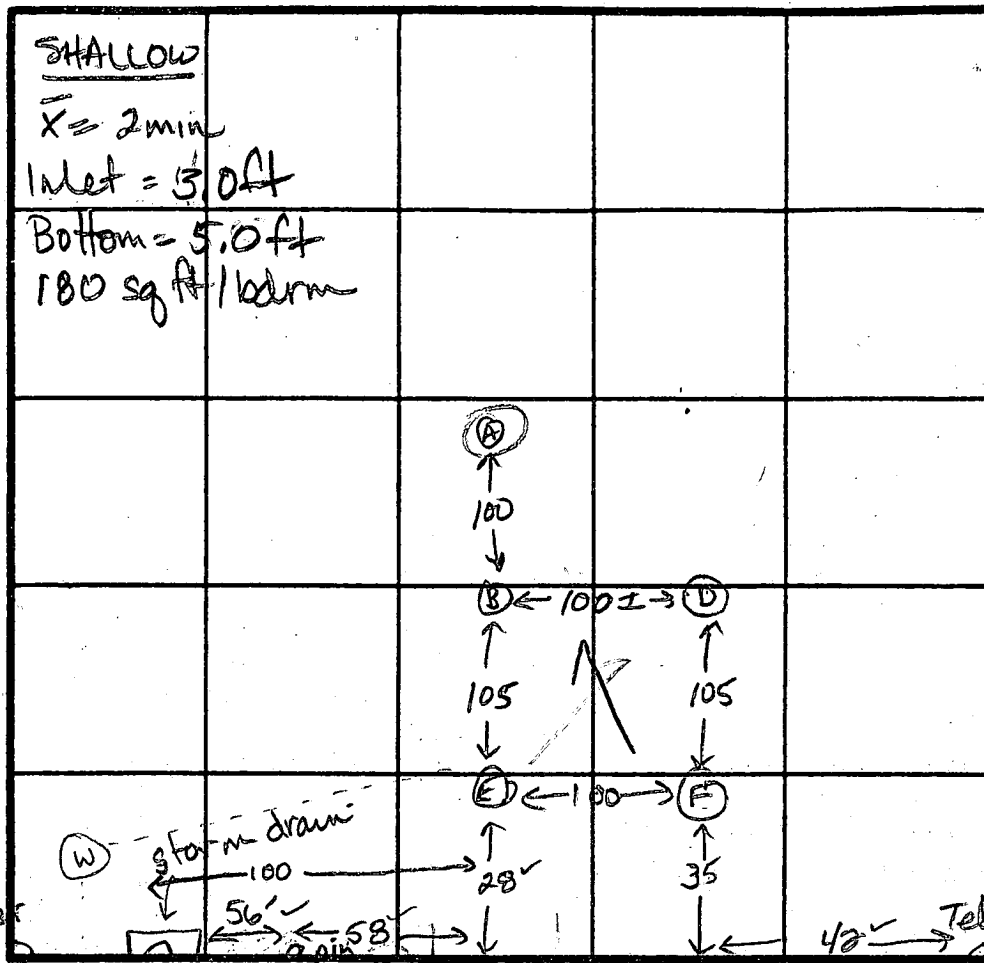
0-2.5 Dk br
si cl lm
2.5-8.0 Dk br
sa si
lm, little
broken
rock 40%
Water
at 6.5 ft
8.0 Bottom

(B)

0-4.5 Rd sa si
cl lm
4.5-10.5 Rd sa
si lm
some
rx, 415%
10.5 Refusal

(E)

0-4.5 Rd-br
si cl lm,
4.5-11.0 Br sa
si lm,
little
saprolite
< 30%
11.0 Bottom



(F)
0-4.5 Dk br sa
cl lm
4.5-11.0 Br mica
sa si lm
11.0 Bottom

Highest F
E
D
B
A

Septic
Lot-23

Prestwick Drive

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-7-89	(A)	8.0 V	(Water at 8.0 ft)				Failed
	B	4.5 S	10:21	10:22	10:22	10:24	2min
		10.5 D	(Refusal at 10.5 ft)				ok
	E	11.0 V	See profile				ok
		3.0 S	10:32	10:33	10:33	10:34	2min
	D	11.0 D	Bottom (< 20% saprolite, clay to 21.0 ft)				ok
		3.5 S	10:36			10:36	1min
	F	3.5 S	10:37	10:38	10:38	10:40	2min Retest
		11.0 D	Bottom (see profile)				ok

REMARKS

Ok to use holes B, D, E, F w/ a pump system

TYPE OF SOIL

0-4.5 Rd-br si cl lm, 4.5-11.0 Br sa si lm < 30% saprolite

TESTED BY

JENadeau

ALSO PRESENT

J. Fyock, Walter Bucher

Retest

APPLICATION

SEWAGE DISPOSAL TESTING

A 30169

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 5th

DATE 9/10/79

RETEST REQD.
UNABLE TO MATCH
TEST RECORDS TO
KNOWN LOCATIONS,
3/15/89 C.W.

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 Oskar Schulz

SAN 16PP INDICATES THIS

ADDRESS

MAY NOT BE THE CORRECT LOT FILE,

PROPERTY LOCATION:

I ADVISED HIM - ALL THE MORE REASON

SUBDIVISION Highland Lake

Section I
IT NEEDS LOT NO. 22

ROAD AND DESCRIPTION

TO BE RE-TESTED, STRONGLY SUGGEST
HE APPLY NOW - BECAUSE OF POTENTIAL
WATER TABLE. OTHERWISE THE LOT

SIZE OF LOT

MIGHT HAVE TO WAIT UNTIL NEXT WET SEASON,
3 or 4 bedrooms

TYPE BLDG.

5/26/89 C.W.

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.

SIGNATURE OF APPLICANT /s/ Oskar Schulz

APPROVED BY

FOR

DATE

REJECTED BY

FOR

DATE

HOLD PENDING FURTHER TESTS

DATE

REASONS FOR REJECTION OR HOLDING

THIS IS NOT A PERMIT

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	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

APPLICATION

22 (bedroom)
Final 22
A 19983

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 1000 gallon
5th

DATE 2-25-74

Septic
system
first per
P.W.H.

Septic tank { 1-3 Bedrooms 1000 gallon
4 Bedrooms 1250 gallon
2-25-74
absorbent sidewall area per final bedroom below
mkt. Unit to be 4' and maximum depth 11'. location
per engineer's plat:
240 sq. ft. effective
#22
OK 86

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 Apple Development Company, Inc.

ADDRESS Box 145-A-RFD #1, Ijamsville, Md.

① 5' earth buffer
between dry well &
trench
② 2 inspections of trench
before & after stone in
PHONE 301/874-2835

PROPERTY LOCATION: Highland Lake

SUBDIVISION Henry K. Owings Property

LOT NO. 127 - Phase 3

ROAD AND DESCRIPTION Corner Road "E" & Court "F"

SIZE OF LOT 37000 sq. ft.

TYPE BLDG. 3-4 B.R.

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE N/A

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC
FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT Rabin Keller

APPROVED BY P.W.H. / C.B.H. FOR Dry well & trench DATE 1-1-77
(KIND OF SYSTEM)

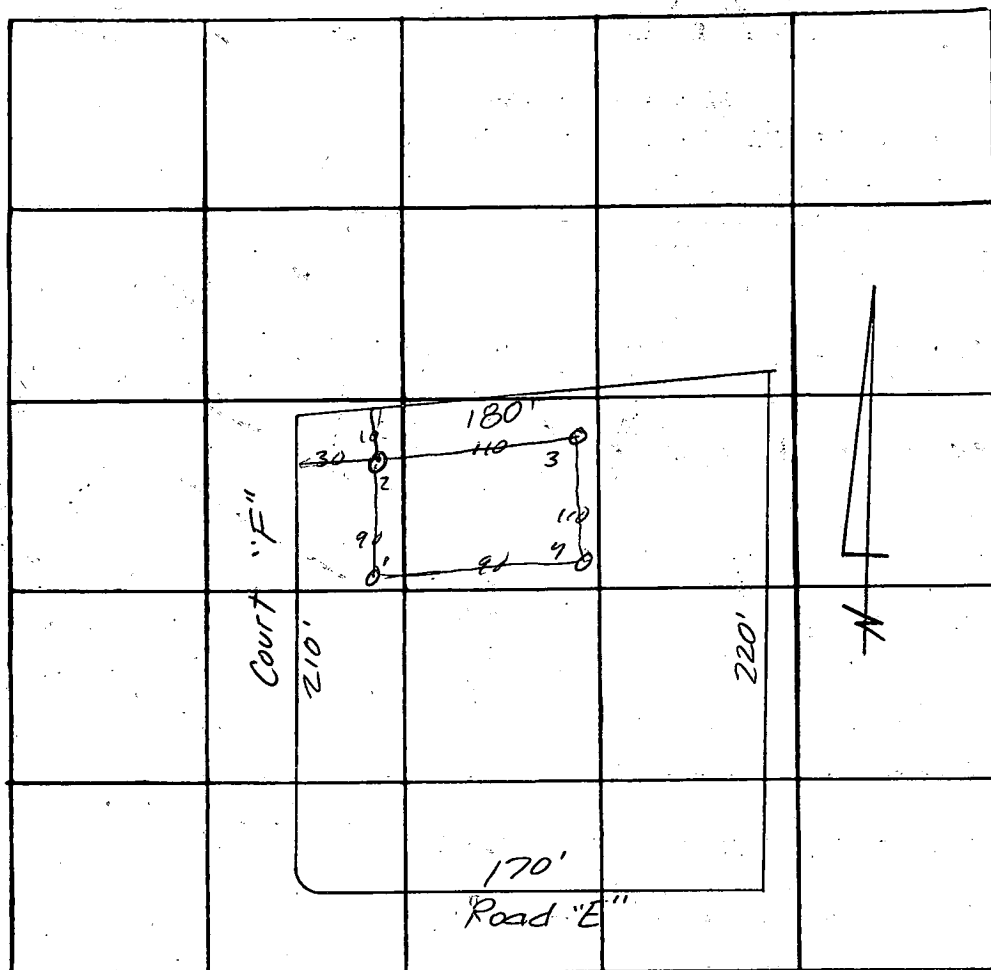
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

#22



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

#22
 L#127
 #22
 4' inlet
 t=20
 9'

240 yft.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/30	1	4'	10 ⁰³	10 ¹²	10 ¹⁰	10 ²²	12
	1A	11	10 ⁰⁵	5 gal	10 ²⁵		20
	2	10	rock	loam similar to			1,2
	3	4'	9 ⁴⁵	9 ⁴⁶	9 ⁴⁶	9 ⁴⁹	3
	3A	11	9 ⁵⁰	9 ⁵⁴	9 ⁵⁴	10 ⁰²	10
	4	11	U's	loam dry		4	45
							4 05

REMARKS

TYPE OF SOIL

rock & loam.

TESTED BY

R M

ALSO PRESENT:

APPLICATION

HOWARD COUNTY
PERMIT APPLICATION

SERIAL NUMBER

40318

DEPARTMENT OF INSPECTIONS, LICENSES & PERMITS
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)

6625 Presbury Dr.
HIGHLAND, MD 20777GRADING/SEDIMENT CONTROL ☐ YES ☐ NO

SDP #

DESCRIPTION OF WORK AUTHORIZED

new single family home
with 3 car attached garage

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
22	370	I		22		

SUB DIVISION ZONE ZONE MAP ELEC. DIST. CENSUS TR.

HIGHLAND TOWNSHIP R 34 5 65101

OWNER'S NAME AND ADDRESS

Allison & Soel Matyskey
11378 64th Street
Ellicott City, MD 21043
PHONE NO. 390-8848

OCCUPANT'S NAME AND ADDRESS

Same as owner

ARCHITECT OR ENGINEER'S NAME AND ADDRESS

ARCHITECTURAL SERVICES
COLUMBIA, MD 21044
PHONE NO. 381-7392

CONTRACTOR'S NAME AND ADDRESS

MAGGIE HOMES INC.
9375 GENWICK LANE
COLUMBIA, MD 21046
PHONE NO. 381-7392

EXISTING USE

VACANT LOT

PROPOSED USE

NEW S.F.D.

EST. CONSTRUCTION COST

\$79,400

LICENSE NUMBER

PERMIT FEE

W/S CODE

DISTANCE IN FEET FROM R/W LINE TO FRONT BUILDING LINE

SIDE YARD

(DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE)

DISTANCE IN FEET FROM SIDE STREET R/W LINE

TO SIDE BUILDING LINE

DISTANCE IN FEET, REAR YD. REQUIRING SET

BACK

CONDITIONS (IF ANY)

(CORNER LOT ONLY)

SDP #

Checks payable to DIRECTOR OF FINANCE OF HOWARD COUNTY

CAUTION

To begin construction before a permit placard has been issued and displayed on the job is a violation of the law.

Use and occupancy permit must be applied for two weeks before it will be issued.

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

LP-69
Revised

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT
TYPE OF BLDG.	AREA	VOLUME	ROOF
S. ROOMS			
ROOMS			
BATHS			
FIREPLACES			
FOOTINGS	FOUNDATION	S. WALLS	

WATER/WELL	SEWER/SEPTIC	GAS	ELECTRICITY	TYPE OF HEAT	AC

I have carefully examined and read this application and know the same is true and correct, and that in doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Bureau of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in this application; and that no work will be covered up until such inspections have been completed with.

SIGNATURE

DATE

FOR OFFICE USE ONLY

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING		
SHA		
SEDIMENT/GRADING		
BUILDING OFFICIAL		
WATER & SEWER		
HEALTH DEPT.	11/21/91	C. W. O.
FIRE PROTECTION		
STORM WATER MGM.		

APPROVED

DATE

Distribution of Copies:
White - Building Official
Green - Planning & ZoningYellow - Engineering
Pink - Health Dept.
Gold - S.H.A.



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

November 25, 1991

Reply to:

MEMORANDUM

TO: Steve Weinstein
Maggio Homes

FROM: Craig Williams, Program Director
Water and Sewerage Program JEN

RE: Building Permit Application
Serial Number: 40318
Highland Lakes - Lot 22
Prestwick Drive

Following your meeting of November 19, 1991 with Fred Frommelt of this office, the above referenced building permit was given a recommendation for approval.

At the meeting, you signed the permit drawing, acknowledging that a pumped septic system would be involved. This statement did not go as far as intended.

This is to clarify that further pump system detail will be required from the applicant, prior to issuance of the septic permit. The requested detail includes size of pump chamber, identification of selected pumps with performance curves to demonstrate appropriateness of the selected pump, and information about the alarms and control panels to be utilized.

In order to allow for review, this information should be submitted at least one to two weeks prior to the anticipated release date of the septic permit.

CW:jr

RECEIVED
HOWARD COUNTY
HEALTH DEPT.

91 SEP 20 PM 12:30

LAKE

HIGHLAND LAKE PARTNER

744 / 748

PARCEL A

LOT 22

262,250 sq

PUMP PIT

INV: 5020

NEW PERC TEST

A
W=8'

B SEPTIC
EASEMENT

BEGIN
SYSTEM
INV: 5120

PRESTWICK
160' R/W

Well Site
Range OK
10/30/91

PERC TEST DATA		
RETEST DATE 7/7/89		
TEST #	DEPTH	TIME
A	8'	WATER @ 8'
B	4.5' & 10.5'	2 MIN.
D	11'	VISUAL
E	3.0' & 11'	2 MIN.
F	3.5' & 11'	2 MIN.

LOT 21

16-88-1985
MP Final
11/5/91 Well
Location OK

PROPOSED
HOUSE

NOTE: THERE IS NO
SEPTIC SYSTEM OR
WELL IN THIS AREA
OF LOT 21

W.L.
4942

Dry 10/30/91

MP

10/29/91

OK

Well

OK

10/30/91

OK

10/30/91

OK

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)

DRY HOLE 200

DRY HOLE 200

well 55'

40'

10'

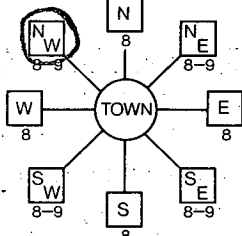
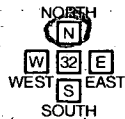
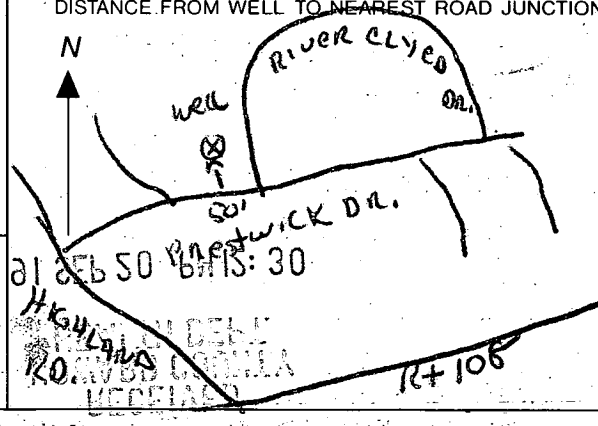
10'

Well Permit No. HO - 88-1985
Location of property (road) Prestwick Dr
Subdivision HIGHLAND LAKES Lot 22 Block Plat Sec.
Well Driller R Mayne Owner Maggio Homes

I. High rate pumping -- reservoir drawdown

II. Recovery pump test data - observations to be recorded every 15 minutes

HD-224 21st CASING 15 OPEN 5 DAYS GROUND
11/5/91

B 1 6166 2 (THIS NUMBER IS TO BE PUNCHED 3 IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER 40-88-1985 fill in this form completely
Date Received (APA) 092091		B 3 LOCATION OF WELL	
OWNER INFORMATION 8 MAGGIE HOMES INC 13 15 Last Name Owner First Name 34 9375 GERWIG LA UNIT 26 36 Street or RFD 55 COLUMBIA MD 21046 57 Town 70 State 72 Zip 76		1 40420 2 8 COUNTY 21 HIGHLAND LAKE 23 SUBDIVISION 42 SECTION 1 LOT 22 44 46 48 50 HIGHLAND 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 1 M 73 76 77 78	
DRILLER INFORMATION Driller's Name Ralph Mayne 77 License No. 80 273 Firm Name Ralph Mayne (Well Drilling) Address 9120 Brown Church Rd. Mt Airy Signature Ralph Mayne Date 10/16/91		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
B 2 WELL INFORMATION 1 APPROX. PUMPING RATE (GAL. PER MIN.) 5 2 8 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20		NEAR WHAT ROAD PRESTWICK DR. ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  34 50 37 DISTANCE FROM ROAD ENTER FT or MI Ft 38 39	
USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) 22 ☐ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) ☐ PUBLIC, OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) ☐ TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard A30169 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 4/9/92 INSERT S 100991 Mark E. Pflaum 43 48 CO SIGNATURE EXP. DATE NORTH GRID 493000 EAST GRID 0810000 50 55 57 63	
APPROXIMATE DEPTH OF WELL 150 FEET 24 28		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 810 N 493	
METHOD OF DRILLING (circle one) BORED (or Augered) <u>JETTED</u> Jetted & <u>DRIVEN</u> 30 <u>AIR-ROTARY</u> AIR-PERCussion ROTARY (Hydraulic Rotary) 31 CABLE REVERSE-ROTARY Drive-POINT other		11/5/91 9:30 NO GROUT EQUIP FAILURE/MR 11/5/91 11/7/91 9:30 2 ft above grade 5 bags cement location ok, Tag on well 2 dry holes - 2 bags cement grouted. JENadeau	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) ☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY ☐ THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 42		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER GAP 54 63 FORCE MR WRITE INITIALS IN BOX PERMIT No. 40-88-1985 67 68 70 71 72 73 74 75 76 77 78 79 SPECIAL CONDITIONS 381-7392			

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-1985
Location of property (road) Prestwick Rd
Subdivision HIGHLAND LAKES Lot 22 Block Plat Sec.
Well Driller R Mayne Owner Maggio Homes

Depth of well 250'
Distance of measuring point (M.P.) above ground 2'
Static water level (S.W.L.) below M.P. 14'

I. High rate pumping -- reservoir drawdown

Time pump started 8:30 Pumping rate 10 GPM
Total time 30 min to reach pumping water level 73 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

[illegible]

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Maryland 21043

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

July 18, 1989

Mr. Walter Bucher
8777 1st Avenue
Silver Spring, Maryland 20910

RE: Percolation Re-test
Highland Lake - Lot 22
Prestwick Drive

Dear Mr. Bucher:

Percolation testing conducted July 7, 1989 on the above referenced property indicated satisfactory soil conditions.

Approval is contingent upon submission by a registered engineer of a plat showing certified locations and elevations of all excavated test holes and a suitable house and well site. If the house site is not serviceable by gravity, the plat should declare that a pumped septic system may be required.

This should be submitted within sixty (60) days to allow field verification if necessary.

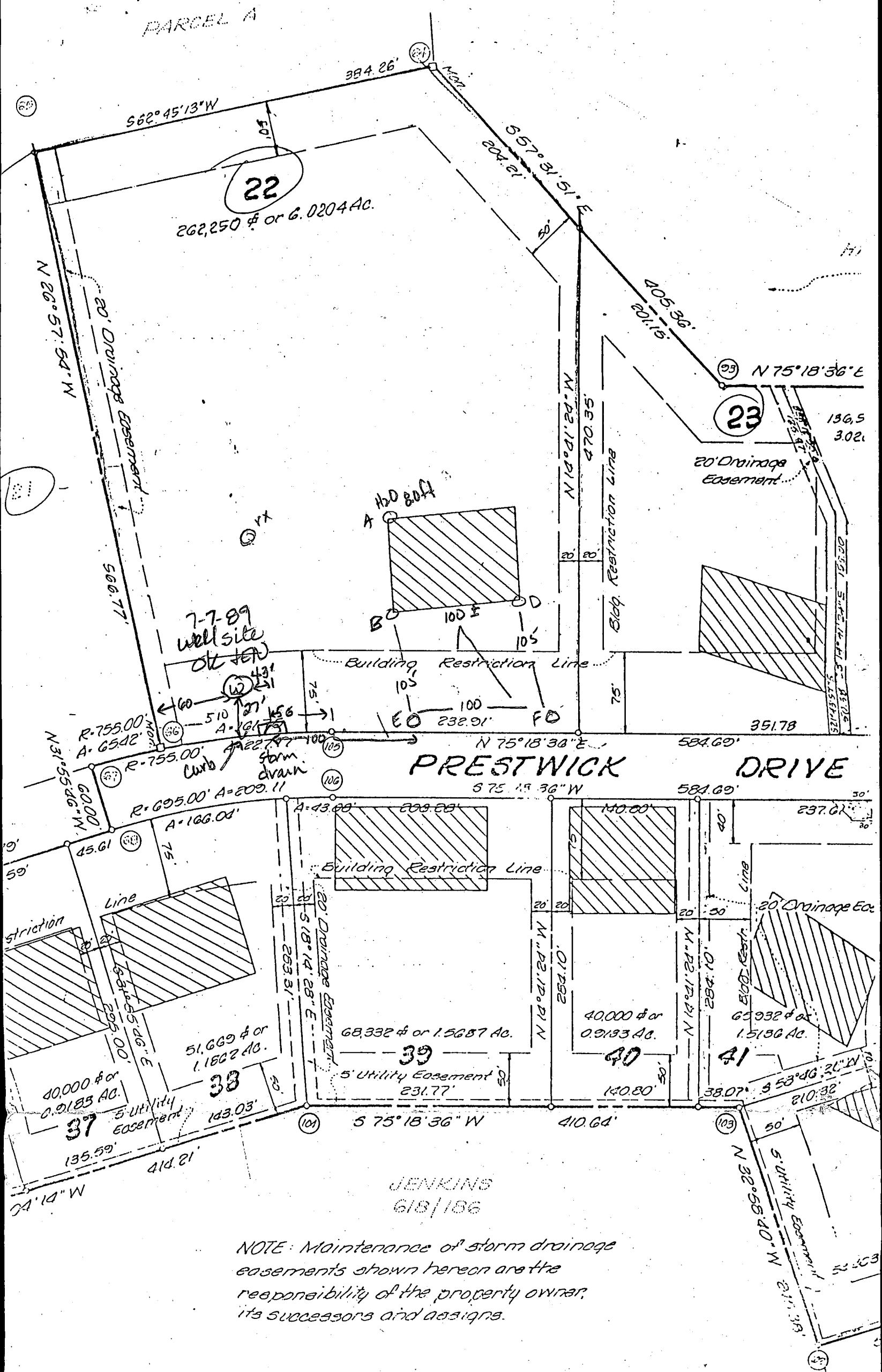
If you have any questions regarding this matter, please feel free to contact me at the above address or by calling 461-9933.

Very truly yours,

Craig Williams, Director
Water and Sewerage Program

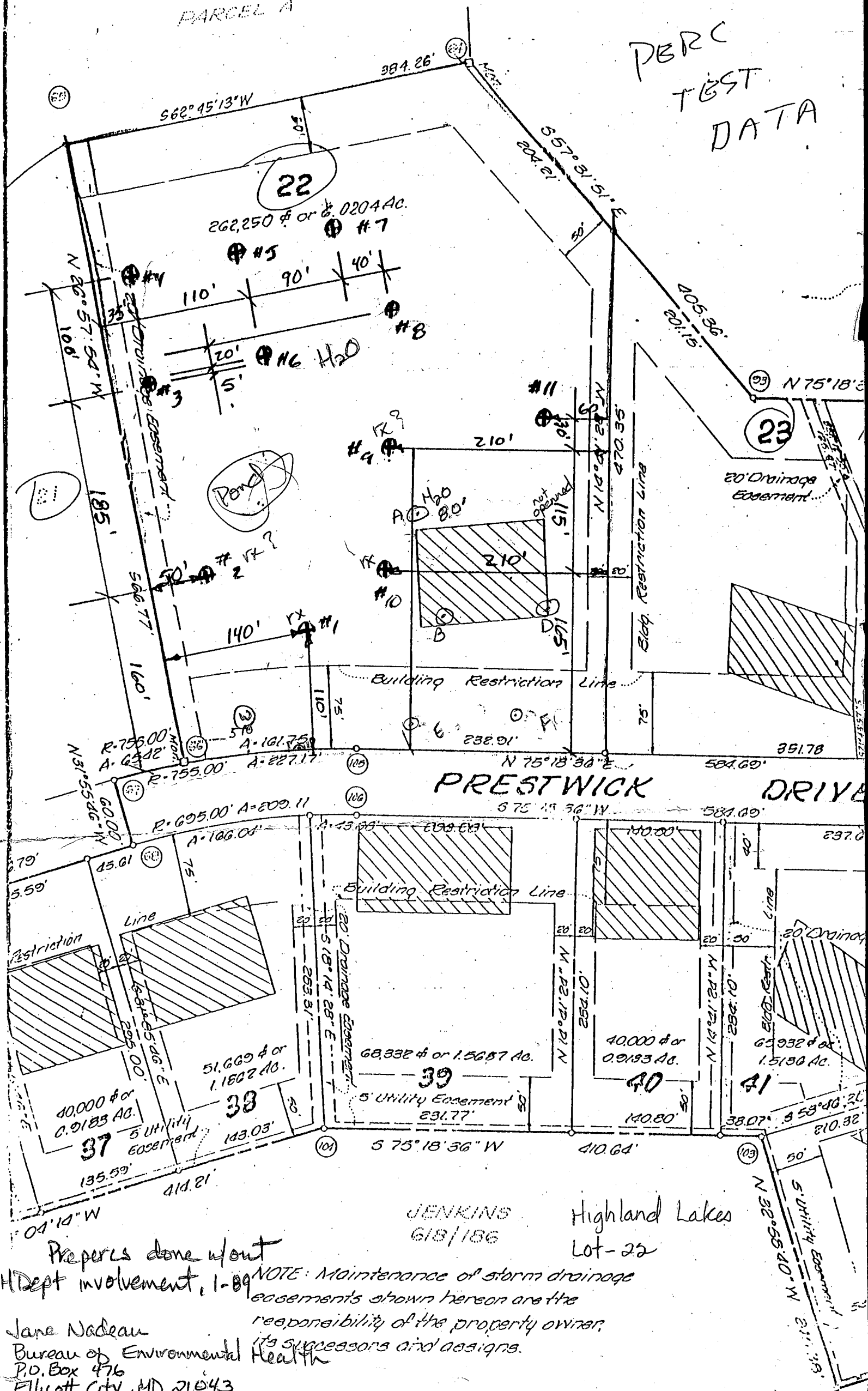
CW:JR

File

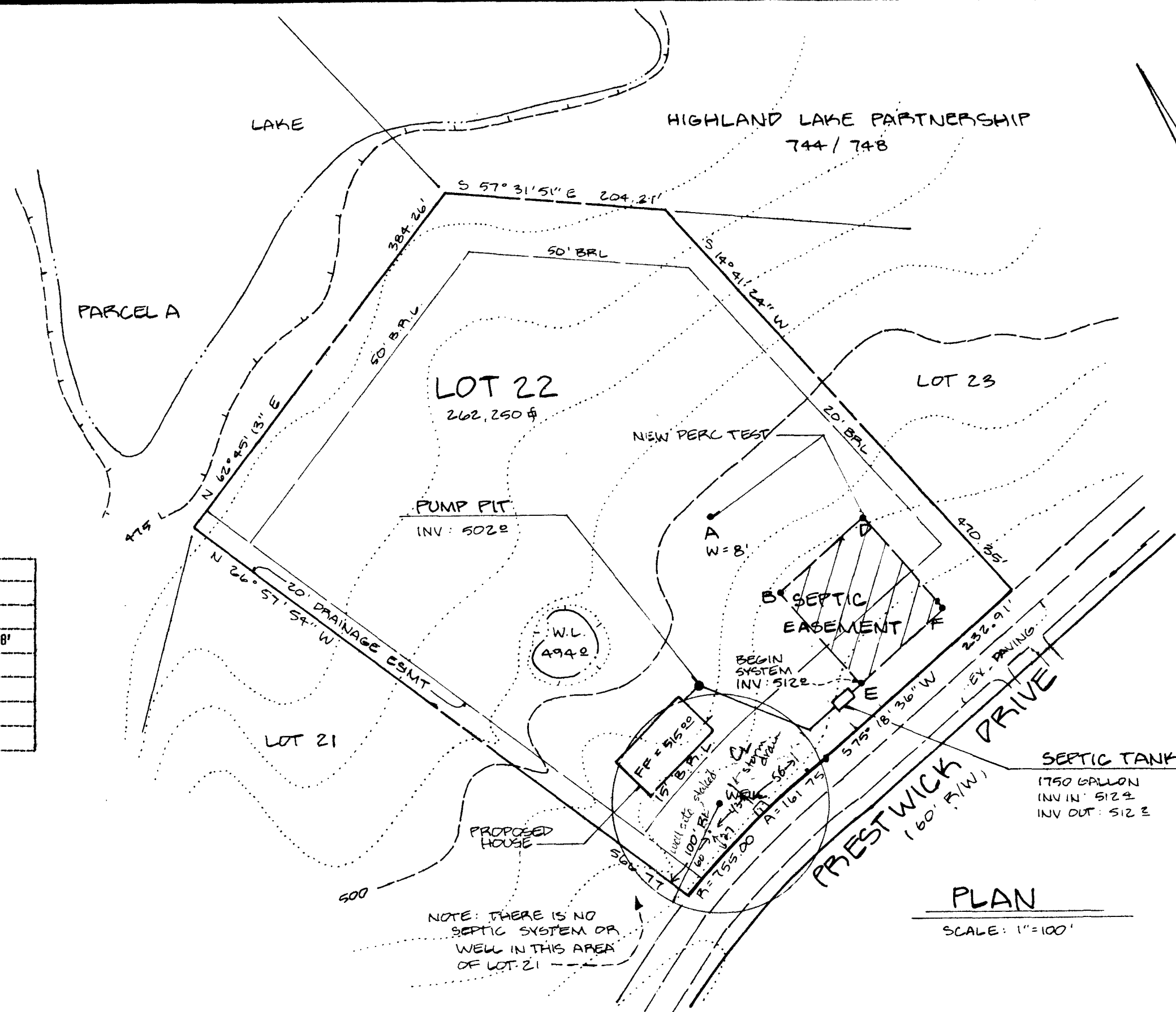


PARCEL A

PERC
TEST
DATA



PERC TEST DATA		
RETEST DATE 7/7/89		
TEST #	DEPTH	TIME
A	8'	WATER @ 8'
B	4.5' & 10.5'	2 MIN.
P	11'	VISUAL
E	3.0' & 11'	2 MIN.
F	3.5' & 11'	2 MIN.



- GENERAL NOTES**
1. AREA: 262,250 ± or 6.02 AC.
 2. ZONING: RURAL
 3. PLAT REFERENCE: PLAT 3810 RECORDED 9-19-77
 4. RETESTED 7-2-89
 5. APPROVED FOR SHALLOW SYSTEM ONLY WITH PUMP PIT & DUAL ALARM SYSTEM.

Sent for signature
ok JEN 9-26-89

OWNER: WALTER BUCHER 8777 1 ST AVENUE SILVER SPRING, MD 20910	PERC TEST PLAT LOT 22 SECTION ONE HIGHLAND LAKE ELECTION DISTRICT 5 MONTGOMERY COUNTY, MD.	PLAT 3810 9-17-77	 DEVELOPMENT CONSULTANTS GROUP, INC. SURVEYORS, ENGINEERS & LAND PLANNERS	17904 GEORGIA AVE. #102 OLNEY, MARYLAND 20832 301-924-4570	DATE 8-14-89	SHEET: 1	
					DRAWN BY ELB		
					CHECKED MLS	OF: 1	
					SCALE 1"=100'	PROJECT NO. 21-673	

