

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 5th

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

05-407605

INDEXED

DATE SYSTEM APPROVED 5/23/89  
INSPECTOR M. Rifkin

P 4423  
A 34982

Frall Septic Service

IS PERMITTED TO INSTALL X ALTER       

ADDRESS P. O. Box 659, Mt. Airy, Maryland 21771 PHONE 795-5674

SUBDIVISION Waterford ROAD 12913 Wexford Park LOT 20, Sec. 2

PROPERTY OWNER Elless Homes, Inc.

ADDRESS       

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES        NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 200 sq. ft. per bedroom. Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 4.0 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the dsitribution box 155 feet up the left (250') lot line and 120 feet off the left (250') lot line as seen when facing the lot from Waterford Park1 Run trenches on contour toward the left lot line.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/CW

PLANS APPROVED BY Sid Abel DATE 4/01/87

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

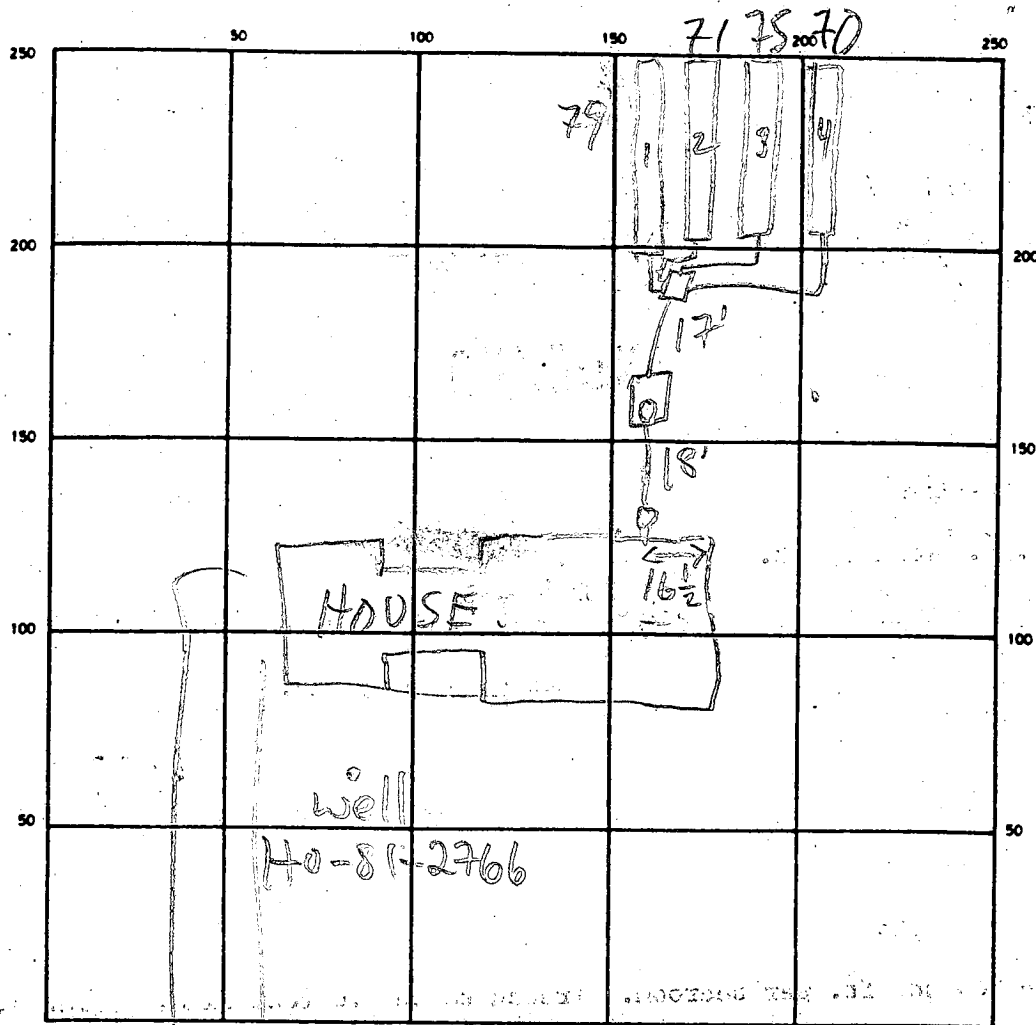
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 34982



WEXFORD PARK

SEPTIC TANK LEVEL OK CLEANOUTS S.T. OK INLINE OK

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TILE FIELD. DEPTH 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 1.5 FT. TOTAL LENGTH 0 79 0 75 1 295 FT.

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 885 SQ. FT.

DRYWELL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS 5/23/89 TRENCHES COMPLETE - OK TO COVER MR

DATE SYSTEM APPROVED

5/23/89

INSPECTOR

M. Ripkin

# APPLICATION

SEWAGE DISPOSAL TESTING

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: 992-2330

A 34982

P \_\_\_\_\_

DISTRICT 5th ELECTION

DATE 2.14.85

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 HUNTINGTON INTERNATIONAL CORPORATION ELLGSS Homes, Inc

ADDRESS 4951 ROCKWOOD PARKWAY NW, WASH, D.C. 20016 PHONE (202) 659-2474

PROPERTY LOCATION:

SUBDIVISION WATERFORD HUNTINGTON ESTATES Section 2 LOT NO. ~~38~~ 19 Inclm

ROAD AND DESCRIPTION ON BRIGHTON ROAD 1800' WEST OF TEN OAKS ROAD  
INTERSECTION 12913 WEXFORD PARK

SIZE OF LOT 3.37 AC± TYPE BLDG. SINGLE FAMILY DWELLING  
(NUMBER OF BEDROOMS)

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. Charles J. Amick  
(SIGNATURE OF APPLICANT)

APPROVED BY Sidney Abel FOR Shallwate fields DATE 4-1-87

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 4-3-85 SATISFACTORY PERC, HOLD FOR SUBDIVISION PLAT  
SHOWING CERTIFIED HOLE LOCATION, HOUSE AND WELL SITE, SHALLOW  
SHALLOW SYSTEM ONLY. S. Abel 12/13/85

BLDG. PERMIT SIGNED  
AND RETURNED 9-30-85 BP 21580  
Sub

## THIS IS NOT A PERMIT

EH-12-1079

[illegible]

5-19-89 5/23/89

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 ☒  
Replacement ☐

Receipt # 44267  
Date 5/16/89

Name of Installer MARINO P+H INC.

Telephone 747-5615

License Number M-3095

Certified Well Pump Installer ☐ Well Driller ☐ Registered Plumber ☒

Name of Property Owner Ellisse Homes

Telephone

Subdivision WATERFORD Lot # 20

Well Tag # 40-81-2766

Site Address 12913 WEXFORD PARK

Brighton Dam Rd

Pump

- Type
  - Deep well jet ☐
  - Shallow well jet ☐
  - Submersible ☒
- Make Goulds
- Model # TESO 7412
- Capacity 7 GPM

Motor

- Horsepower 3/4
- RPM —
- Voltage 220
  - 110 ☐
  - 220 ☒

Pitless Adapter

- Make 1" BRASS
- Model # 1"
- Depth 42"

- 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 ☐

Tank

- Capacity 250
- Pressure relief valve? YES

Piping

- Type 1" - 1601b
- Size 1"
- NSF and/or BOCA Code approved YES
- Depth of supply line 42"

Well data

- Depth 205' ft.
- Yield 12 GPM
- Static water level 43' ft.
- Will water supply be disinfected by installer? By Builder

P.A.  $4\frac{1}{2}$  B.G.

MR 5/23/89

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: Joseph D. Marino

Date: 5-16-89

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

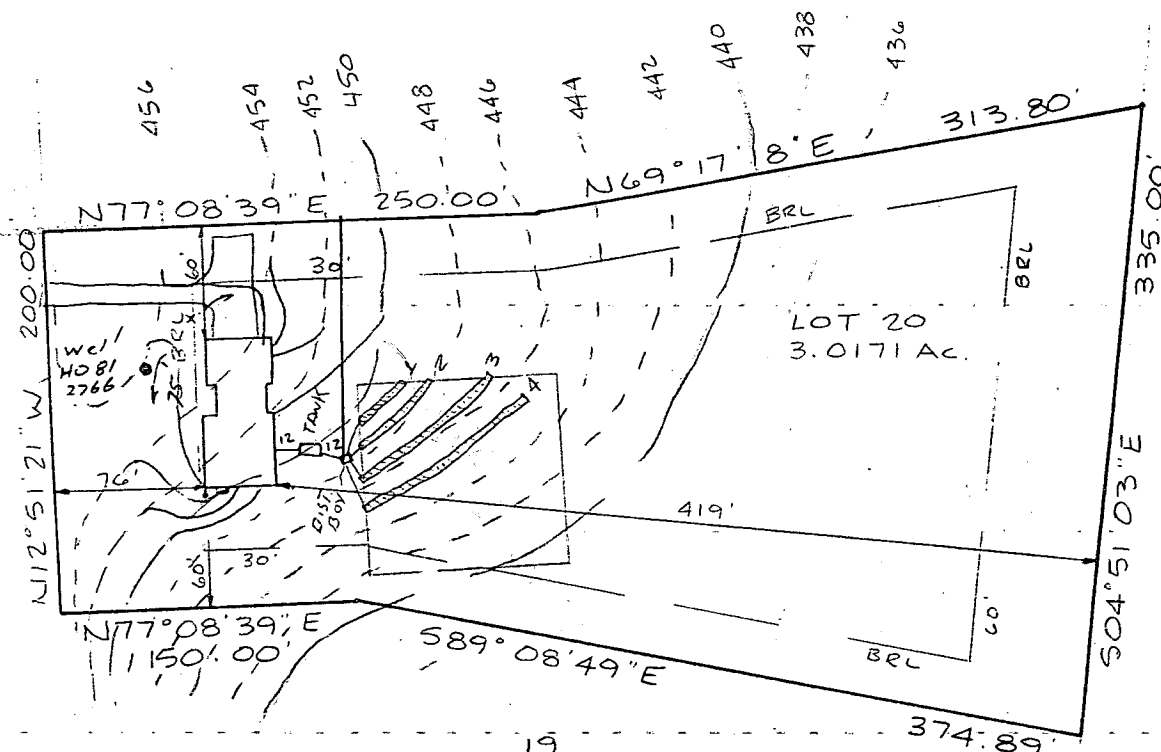
5/17/89 NOTHING DONE R11  
HD-215

BLDG. PERMIT SIGNED  
AND RETURNED

BLDG. PERMIT SIGNED  
AND RETURNED 9-30-88

BP21580  
S-AL

PARK  
R/W  
WEXFORD



HOUSE:

FIRST FLOOR

459.0 ✓

BASEMENT

450.0 ✓

INVERT

445.88 ✓ + BSMT

SEPTIC TANK:

EXISTING GRADE

450.0 ✓

PROPOSED GRADE

449.5 ✓

INVERT IN

445.63 ✓

INVERT OUT

445.38 ✓

DISTRIBUTION BOX:

EXISTING GRADE

448.0 ✓

PROPOSED GRADE

448.0 ✓

INVERT IN

445.25 ✓

INVERT OUT

445.15 ✓

TRENCHES:

EXISTING

#1 449.0 ✓

#2 448.0 ✓

#3 446.0 ✓

#4 444.8 ✓

INVERT

445.0 ✓

444.0 ✓

442.0 ✓

440.8 ✓

BOTTOM

443.5 ✓

442.5 ✓

440.5 ✓

439.3 ✓

STONE

1.5 ✓

1.5 ✓

1.5 ✓

1.5 ✓

WIDTH

3.0 ✓

3.0 ✓

3.0 ✓

3.0 ✓

LENGTH

30.0

50.0

87.0

100.0

PLOT PLAN

LOT 20 SECTION 2 WATERFORD

5th ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

TAX MAP 34 PARCEL 261

SCALE 1"=20' DATE 9/5/88

I certify the above measurements  
and elevations to be actual and true  
for this property.

J. Carl Hudgins

C1 9549 SEQUENCE NO. (DENV USE ONLY)

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

STATE OF MARYLAND  
WELL COMPLETION REPORT  
FILL IN THIS FORM COMPLETELY  
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN  
45 DAYS AFTER WELL IS COMPLETED.COUNTY  
NUMBER

A 34982

DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"

8 13

15 20

22 26  
(TO NEAREST FOOT)28 29 30 31 32 33 34 35 36 37  
HC-181-2760

OWNER

MAKOWSKI

DAVID

STREET OR RFD

WEXFORD PARK

TOWN

CLARKSVILLE

SUBDIVISION

WATERFORD

SECTION

2

LOT

20

## WELL LOG

Not required for driven wells

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

FEET

FROM

TO

Check  
if water  
bearingSAND Stone  
CONCRETE  
Rock

0 35

35 205

OK

## GROUTING RECORD

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

TYPE OF GROUTING MATERIAL

CEMENT CM

BENTONITE CLAY BC

NO. OF BAGS

NO. OF POUNDS

GALLONS OF WATER

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 35 ft.  
(enter 0 if from surface)casing  
types  
insert  
appropriate  
code  
below

## CASING RECORD

ST CO  
STEEL CONCRETE  
PL OT  
PLASTIC OTHERMAIN  
CASING  
TYPENominal diameter  
top (main) casing  
(nearest inch)Total depth  
of main casing  
(nearest foot)

ST

4

43

EACH  
CASING

## OTHER CASING (if used)

diameter depth (feet)  
inch from to

4

screen type  
or open hole  
insert  
appropriate  
code  
below

## SCREEN RECORD

ST BR HO  
STEEL BRASS OPEN  
BRONZE HOLE  
PL OT  
PLASTIC OTHER

C2

DEPTH (nearest ft.)  
1 2  
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)

from to

GRAVEL PACK

IF WELL DRILLED WAS  
FLOWING WELL INSERT  
F IN BOX 68

OEP USE ONLY

(NOT TO BE FILLED IN BY DRILLER)

T

(E.R.O.S.)

WQ

70

72

74 75 76

TELESCOPE  
CASINGLOG  
INDICATOR

OTHER DATA

C3

## PUMPING TEST

HOURS PUMPED (nearest hour)

3

PUMPING RATE (gal. per min. to nearest gal.)

12

METHOD USED TO  
MEASURE PUMPING RATE

Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING

30

WHEN PUMPING

43

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 WILL INSTALL PUMP YES NO

(CIRCLE) (YES or NO)  
IF DRILLER INSTALLS PUMP, THIS SECTION  
MUST BE COMPLETED FOR ALL WELLS  
EXCEPT HOME USETYPE OF PUMP INSTALLED  
PLACE (A,C,J,P,R,S,T,O)  
IN BOX - SEE ABOVE:CAPACITY:  
GALLONS PER MINUTE  
(to nearest gallon)

PUMP HORSE POWER

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

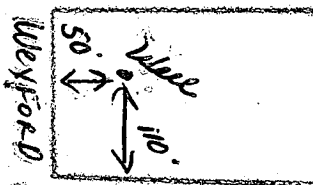
+ above

LAND SURFACE

- below

2 (nearest  
foot)

## 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)

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  
WELLI HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN  
ACCORDANCE WITH COMAR 10.17.13 "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 IDENT. NO.

238

DRILLERS SIGNATURE

(MUST MATCH SIGNATURE ON APPLICATION)

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

COUNTY

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2766  
Location of property (road) WEXFORD PARK  
Subdivision WATER FORD Lot 20 Block      Plat      Sec. 2  
Well Driller JOSEPH MAYNE Owner MAKOWSKI, DAVID

Depth of well 20.5  
Distance of measuring point (M.P.) above ground 3'  
Static water level (S.W.L.) below M.P. 30'

I. High rate pumping -- reservoir drawdown

Time pump started 7:25 Pumping rate 150 gpm.  
Total time 15 min. to reach pumping water level 43 ft below M.P.

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

[illegible]



Scan with file

# HARR WELL DRILLING

12047 FALLS ROAD  
COCKEYSVILLE, MD 21030  
410-252-4588

## HOWARD COUNTY WELL YIELD TEST REPORT

Date Test Performed: 03-04-10  
Address: 12913 Wexford Park  
Owner: Brian Craig  
Well Depth:

Permit Number: HO-81-2766  
Subdivision:  
Election District:  
Static Water Level: 31 Ft

Time	Water Level	PSI Existing Pump	Pumping Rate Seconds to fill 5 Gallon bucket	Calculated Flow-Gallons Per Minute
0930	31 ft	28psi	30 sec	10.00
0945	36	28	30	10.00
1000	38	28	30	10.00
1015	38	28	30	10.00
1030	38	28	30	10.00
1045	38	28	30	10.00
1100	38	28	30	10.00
1115	38	28	30	10.00
1130	38	28	30	10.00
1145	38	28	30	10.00
1200	38	28	30	10.00
1215	38	28	30	10.00
1230	38	28	30	10.00

CO 156541608

## WATER ANALYSIS

Source of Sample: WATERFORD LOT 20 SECT 2 Collector: HODGES  
Street Town or City

Remarks: WEX FORD PARK HO 81 2166

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
	pH*	00403			Arsenic	01002	
	Alkalinity (Total)	00410			Barium	01007	
	pH*, Ca CO <sub>3</sub> SAT.	70311			Cadmium	01027	
	Alkalinity, Ca CO <sub>3</sub> SAT.	74023			Chromium	01034	
	Hardness	00900			Lead	01051	
	Ammonia-N	00608			Mercury	71900	
✓	Nitrate-Nitrate N	00630	09		Selenium	01147	
	Nitrite N	00615			Silver	01077	
	MBAS	38260					
	Chloride	00940			Aluminum	01105	
	Fluoride	00951			Calcium	00916	
	Color	00081			Copper	01042	
	Turbidity*	00076			Iron	01045	
	Conductance SPEC	00095			Magnesium	00927	
	Sulfate	00945			Manganese	01055	
	Total Solids	00500			Nickel	01067	
	Dissolved Solids	70300			Potassium	00937	
					Sodium	00929	
					Zinc	01092	

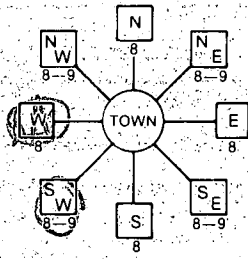
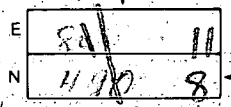
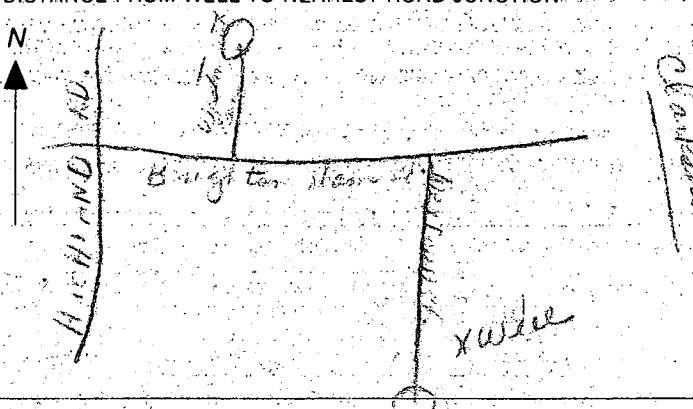
\*Results reported in units, all others in milligrams per liter (ppm)

Date Received JUN 8 1988 Date Reported \_\_\_\_\_ Chemist \_\_\_\_\_

Depth of well \_\_\_\_\_  
Distance of measuring point (M.P.) above ground \_\_\_\_\_  
Static water level (S.W.L.) below M.P. \_\_\_\_\_

Time pump started \_\_\_\_\_ Pumping rate \_\_\_\_\_  
Total time \_\_\_\_\_ to reach pumping water level \_\_\_\_\_ ft. below M.P.

[illegible]

B 1 <b>5622</b> <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>	SEQUENCE NO. (DP USE ONLY) <b>042788</b>	<b>STATE OF MARYLAND</b> <b>PERMIT TO DRILL WELL</b> please print or type	STATE PERMIT NUMBER <b>40-81-2766</b> <small>fill in this form completely</small>
Date Received (APA) <b>042788</b>		B 3 LOCATION OF WELL 1 2 <b>HOWARD</b> 8 COUNTY 21 <b>WATERFORD</b> 23 SUBDIVISION 42 SECTION <b>2</b> 44 46 LOT <b>20</b> 48 50 <b>CLARKSVILLE</b> 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) <b>2 3/4</b> 73 76 77 78	
OWNER INFORMATION 15 Last Name <b>MAKOWSKI</b> Owner First Name <b>DAVID</b> 34 36 <b>2711 MAHALL RIDGE CT.</b> 55 57 <b>BALTIMORE</b> 70 State 72 <b>MD</b> Zip 76 <b>21228</b>		DRILLER INFORMATION Driller's Name <b>Joseph L. Wayne</b> 77 License No. 80 <b>238</b> Firm Name <b>Joseph L. Wayne Well Drilling</b> Address <b>5510 Ridge Rd. Mt. Airy, MD 21771</b> Signature <b>Joseph L. Wayne</b> Date <b>4/26/88</b>	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) <b>5</b> 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <b>300</b> 14 20		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <b>W</b> 32 EAST SOUTH 34 <b>40</b> 37 DISTANCE FROM ROAD ENTER FT or MI <b>4</b> 38 39	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <b>HOWARD</b> COUNTY NAME <b>A34982</b> COUNTY NO. STATE SIGNATURE _____ INSERT S _____ DATE ISSUED <b>053188</b> CO SIGNATURE <b>B. Nilon</b> 12/1/88 NORTH GRID <b>498000</b> 50 55 EAST GRID <b>0811000</b> 57 63	
APPROXIMATE DEPTH OF WELL <b>300</b> 24 28 FEET APPROXIMATE DIAMETER OF WELL <b>6</b> INCH NEAREST		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. <b>WELL</b> 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE 	
METHOD OF DRILLING (circle one) <input checked="" type="checkbox"/> BORED (or Augered) <input type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN <input checked="" type="checkbox"/> AIR-ROTARY <input type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/> CABLE <input type="checkbox"/> REVERSE-ROTARY <input type="checkbox"/> DRIVE-POINT other _____		REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> THIS WELL WILL DEEPEMED 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 _____ G A P _____ FORCE <b>60</b> WRITE INITIALS IN BOX <b>HC-81-2766</b> PERMIT No. <b>HC-81-2766</b>		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
SPECIAL CONDITIONS.			

File No. F01-36  
Waterford  
Section 2, Lot 21

DEPARTMENT OF PLANNING AND ZONING  
FINAL PLAT ORIGINAL FOR SIGNATURE APPROVAL

This form is for the processing of originals for signature approvals. If corrections or additions must be made to the original, the corrections needed must be identified in the space provided and the plans must be returned unsigned to the Department of Planning and Zoning. DPZ will notify the owner of the required revisions and request that the owner's engineer make the corrections or contact the appropriate County agency with questions concerning such revisions.

DPZ Brenda Lulee Date Received 9/5/00 Date Forwarded 9/6/00  
Reviewing Agent

Rejected For: Need house location survey received 9/6/00  
9/6/00

① HEALTH Date Received \_\_\_\_\_ Date Forwarded \_\_\_\_\_  
Reviewing Agent \_\_\_\_\_

Rejected For: \_\_\_\_\_

② DED  
Review \_\_\_\_\_

Rejected For: \_\_\_\_\_

Chief, DLD

Review \_\_\_\_\_

Rejected For: \_\_\_\_\_

final plat for

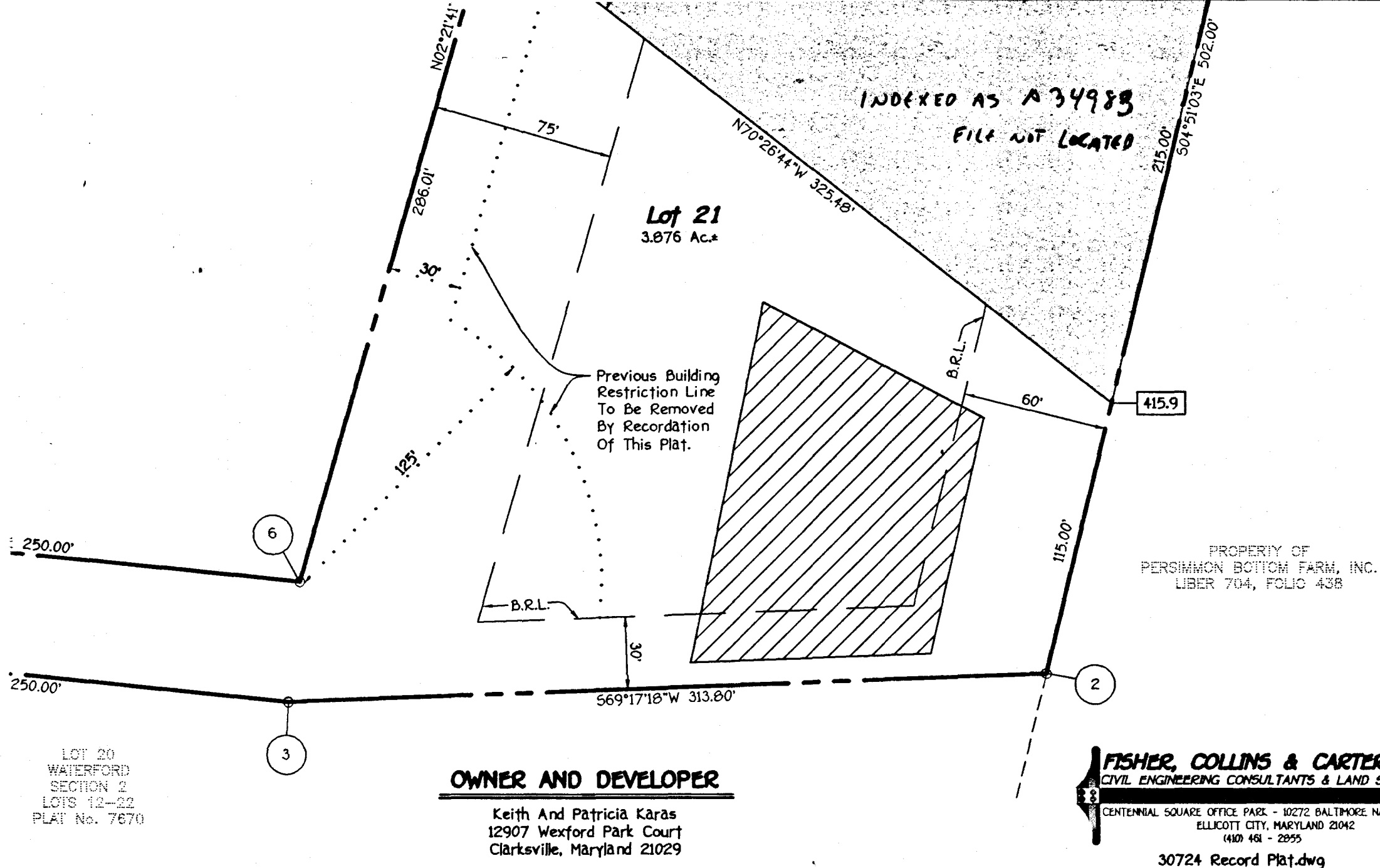
HOWARD COUNTY HEALTH DEPARTMENT  
Completed Septic System

42503 34983  
DATE 8/30/88 2/14/85 rded

LOCATION <u>Waterford</u>	APPLICATION
<u>12907 Weyford Park Dr.</u>	HOLD
LOT <u>21, Sec. 2</u>	APPROVED <u>14</u>
APPLICANT <u>Charles Cross</u>	REJECTED
OWNER <u>Wayne Greenfield</u>	INSTALLATION
PERMITTEE <u>Jack Fryck</u>	HOLD
	APPROVED <u>14</u>
	APPROVED <u>10/20/88</u> rded
	DATE

HD - 11

INDEX # A 34983  
3/97



1. Denotes Iron Pin Set Capped T.C.C. 100.
2. Denotes Angular Change In Bearing Of Boundary Or Rights-Of-Way.
3. Denotes Concrete Monument Set With Aluminum Plate "F.C.C. 106".
4. Denotes Concrete Monument Or Stone Found.
5. All Lot Areas Are More Or Less (±).
6. Existing House On Lot 21 To Remain. No New Building, Extensions Or Additions To Existing Dwelling Are To Be Constructed At A Distance Less Than The Zoning Regulations Require.
7. Driveway(s) Shall Be Provided Prior To Residential Occupancy To Ensure Safe Access For Fire And Emergency Vehicles Per The Following Minimum Requirements:
  - a) Width - 12 Feet (14 Feet Serving More Than One Residence);
  - b) Surface - Six (6") Inches Of Compacted Crusher run Base With Tar And Chip Coating. (1 1/2" Minimum);
  - c) Geometry - Maximum, 15% Grade, Maximum 10% Grade Change And 45 Foot Turning Radius;
  - d) Structures (Culverts/Bridges) - Capable Of Supporting 25 Gross Tons (H25-Loading);
  - e) Drainage Elements - Capable Of Safely Passing 100 Year Flood With No More Than 1 Foot Depth Over Driveway Surface;
  - f) Structure Clearances - Minimum 12 Feet;
  - g) Maintenance - Sufficient To Ensure All Weather Use.
8. [415.9] Denotes Approximate 100 Year Floodplain Elevation.
9. Refuse Collection, Snow Removal And Road Maintenance To Be Provided At The Junction Of The Flag/Pipestem And The Road R/W And Not Onto The Flag/Pipestem Driveway.
10. This Subdivision Is Exempt From Forest Conservation Requirements Because The Original Plat Was Recorded Prior To January 1, 1993.
11. Previous Department Of Planning And Zoning File Nos.: S-87-09, P-87-25, F-87-199.

OCCUPIED LOT  
INDEXED AS A34983  
FILE NOT LOCATED.

**Purpose Note:**  
The Purpose Of This Plat Is To Revise The Western Building Restriction Line From 30 Feet To 75 Feet, Remove The Front Building Restriction Line Arc Of 125', And Revise The Northern Side Building Restriction Line From 60 Feet To 75 Feet.

### OWNER'S CERTIFICATE

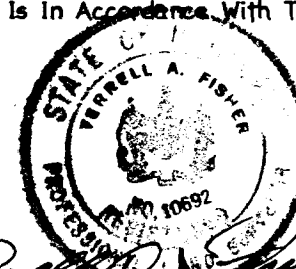
And Patricia L. Karas, Owners Of The Property Shown And Described Hereon, Hereby Adopt This Plan Of A Subdivision Of The Approval Of This Final Plat By The Department Of Planning And Zoning, Establish The Restriction Lines And Grant Unto Howard County, Maryland, Its Successors And Assigns: (1) The Right To Use And Maintain Sewers, Drains, Water Pipes And Other Municipal Utilities And Services In And Under All Roads And Way And The Specific Easement Areas Shown Hereon; (2) The Right To Require Dedication For Public Use Streets And/Or Roads And Floodplains And Open Space Where Applicable And For Good And Other Valuable Easements By Grant The Right And Option To Howard County To Acquire The Fee Simple Title To The Beds Of The Roads And Floodplains, Storm Drainage Facilities And Open Space Where Applicable; (3) The Right To Require Easements And Drainage Easements For The Specific Purpose Of Their Construction, Repair And Maintenance; Building Or Similar Structure Of Any Kind Shall Be Erected On Or Over The Said Easements And Easements My Hand This 1st Day Of September 2000.

*Karas*  
\_\_\_\_\_  
J. Karas

*Dennis J. Benfield*  
\_\_\_\_\_  
Witness  
*Dennis J. Benfield*  
\_\_\_\_\_  
Witness

### SURVEYOR'S CERTIFICATE

I Hereby Certify That The Final Plat Shown Hereon Is Correct: That It Is A Subdivision Of All Of The Lands Conveyed By Donald C. O'Shea, By Margaretta J. O'Shea, His Wife, Pursuant To A Special Power Of Attorney To Be Recorded Among The Land Records Of Howard County, Maryland Prior Herein, And Margaretta J. O'Shea, Husband And Wife To Keith E. Karas And Patricia L. Karas, Husband And Wife By Deed Dated October 28, 1992 And Recorded In The Land Records Of Howard County, Maryland In Liber No. 2748 At Folio 582, And That All Monuments Are In Place Or Will Be In Place Prior To Acceptance Of The Streets In The Subdivision By Howard County, Maryland As Shown, In Accordance With The Annotated Code Of Maryland, As Amended, And Monumentation Is In Accordance With The Howard County Subdivision Regulations.



Terrell A. Fisher, Professional Land Surveyor No. 10692

9/1/2000  
Date

RECORDED AS PLAT No. \_\_\_\_\_ ON \_\_\_\_\_  
AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

Revision Plat  
Lot 21  
Waterford

(A Revision Of Waterford, Section 2, Lot 21, Plat No. 7670)

Zoning: RR-DEO  
Tax Map: 34, Part Of Parcel 261, Grid 10  
Fifth Election District Howard County, Maryland  
Date: August 30, 2000



Scale: 1" = 50'  
Sheet 1 Of 1  
F-01-36  
Signature 9/1/2000



Coordinate Table		
Pnt	North	East
1	498998.92	811216.44
2	498498.718	811258.8901
3	498387.7379	810965.3703
4	498332.1132	810721.6371
5	498380.8599	810710.5122
6	498436.4845	810954.2454
7	498934.3954	810933.7094

Minimum Lot Size Chart			
Lot No.	Gross Area	Pipestem Area	Remaining Lot Area
21	3.876 Ac.*	0.287 Ac.*	3.589 Ac.*

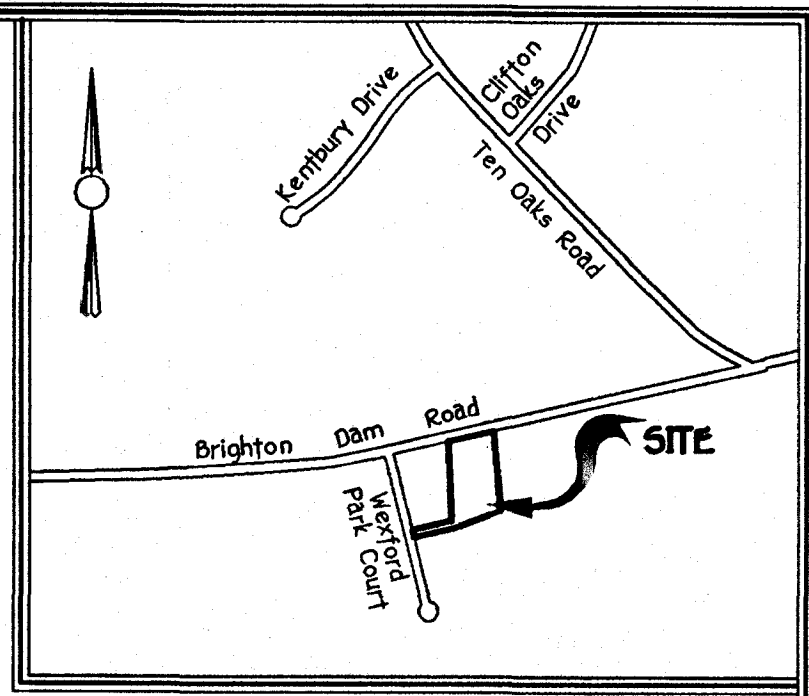
The Requirements S-3-108, The Real Property Article, Annotated Code Of Maryland, 1988 Replacement Volume, (As Supplemented) As Far As They Relate To The Making Of This Plat And The Setting Of Markers Have Been Complied With

*Terrell A. Fisher* 9/1/2000  
Terrell A. Fisher, L.S. #10692  
(Registered Land Surveyor)

*Keith E. Karas* 9/1/00  
Keith E. Karas  
(Owner)

*Patricia L. Karas* 9/1/00  
Patricia L. Karas  
(Owner)

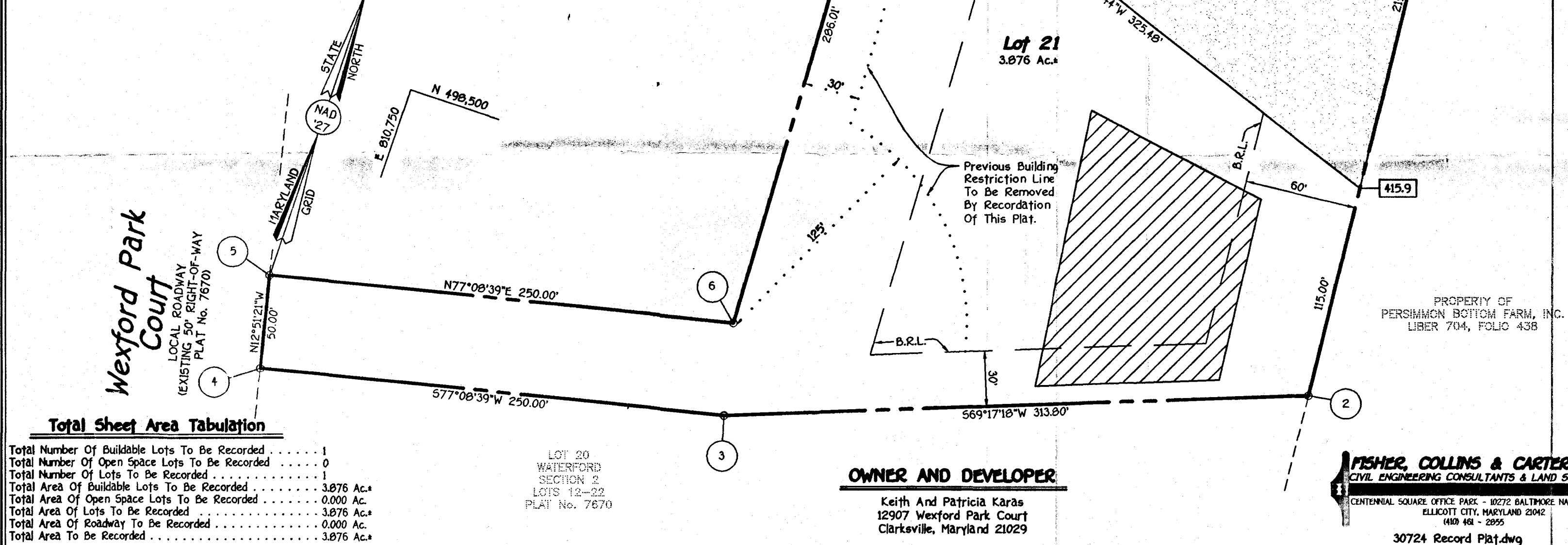
Reservation Of Public Utility And Forest Conservation Easements  
"Developer Reserves Unto Itself, Its Successors And Assigns, All Easements Shown On This Plan For Water, Sewer, Storm Drainage, Other Public Utilities And Forest Conservation (Designated As "Forest Conservation Area"), Located In, On, Over, And Through Lot 21, Any Conveyances Of The 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 Reserved To Howard County, With A Metes And Bounds Description Of The Forest Conservation Area. Upon Completion Of The Public Utilities And Their Acceptance By Howard County, And, In The Case Of The Forest Conservation Easement(s), Upon Completion Of The Developer's Obligations Under The Forest Conservation Installation And Maintenance Agreement Executed By Developer And The County, And The Release Of Developer's Surety Posted With Said Agreement, The County Shall Accept The Easements And Record The Deed(s) Of Easement In The Land Records Of Howard County."



VICINITY MAP  
SCALE: 1" = 1200'

GENERAL NOTES

1. Denotes An Existing Private Sewerage Easement Of 10,000 Square Feet Recorded On A Plat Entitled "Waterford, Section 2, Lots 12-22," Plat No. 7670.
2. Subject Property Zoned RR-DEO Per The Comprehensive Zoning Plan Dated October 18, 1993.
3. This Plat Is Based On The Plat Meridian Of The Recorded Plat "Waterford" Recorded Among The Land Records Of Howard County, Maryland As Plat No. 7670.
4. B.R.L. Denotes Building Restriction Line.
5. Denotes Iron Pin Set Capped "F.C.C. 106".
6. Denotes Iron Pipe Or Iron Bar Found.
7. Denotes Angular Change In Bearing Of Boundary Or Rights-Of-Way.
8. Denotes Concrete Monument Set With Aluminum Plate "F.C.C. 106".
9. Denotes Concrete Monument Or Stone Found.
10. All Lot Areas Are More Or Less (±).
11. Existing House On Lot 21 To Remain. No New Building, Extensions Or Additions To Existing Dwelling Are To Be Constructed At A Distance Less Than The Zoning Regulations Require.
12. Driveway(s) Shall Be Provided Prior To Residential Occupancy To Ensure Safe Access For Fire And Emergency Vehicles Per The Following Minimum Requirements:
  - a) Width - 12 Feet (14 Feet Serving More Than One Residence);
  - b) Surface - Six (6") Inches Of Compacted Crusher Run Base With Tar And Chip Coating, (1 1/2" Minimum);
  - c) Geometry - Maximum, 15% Grade, Maximum 10% Grade Change And 45 Foot Turning Radius;
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  - f) Structure Clearances - Minimum 12 Feet;
  - g) Maintenance - Sufficient To Ensure All Weather Use.
13. Denotes Approximate 100 Year Floodplain Elevation.
14. Refuse Collection, Snow Removal And Road Maintenance To Be Provided At The Junction Of The Flag/Pipestem And The Road R/W And Not Onto The Flag/Pipestem Driveway.
15. This Subdivision Is Exempt From Forest Conservation Requirements Because The Original Plat Was Recorded Prior To January 1, 1993.
16. Previous Department Of Planning And Zoning File Nos: S-87-09, P-87-25, F-87-199.



Total Sheet Area Tabulation

Total Number Of Buildable Lots To Be Recorded	1
Total Number Of Open Space Lots To Be Recorded	0
Total Number Of Lots To Be Recorded	1
Total Area Of Buildable Lots To Be Recorded	3.876 Ac.*
Total Area Of Open Space Lots To Be Recorded	0.000 Ac.
Total Area Of Lots To Be Recorded	3.876 Ac.*
Total Area Of Roadway To Be Recorded	0.000 Ac.
Total Area To Be Recorded	3.876 Ac.*

OWNER AND DEVELOPER

Keith And Patricia Karas  
12907 Wexford Park Court  
Clarksville, Maryland 21029

FISHER, COLLINS & CARTER, INC.  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELICOTT CITY, MARYLAND 21042  
(410) 481 - 2855  
30724 Record Plat.dwg

OWNER'S CERTIFICATE

Keith E. Karas And Patricia L. Karas, Owners Of The Property Shown And Described Hereon, Hereby Adopt This Plan Of Subdivision, And In Consideration Of The Approval Of This Final Plat By The Department Of Planning And Zoning, Establish The Minimum Building Restriction Lines And Grant Unto Howard County, Maryland, Its Successors And Assigns: (1) The Right To Lay, Construct And Maintain Sewers, Drains, Water Pipes And Other Municipal Utilities And Services In And Under All Roads And Street Rights-Of-Way And The Specific Easement Areas Shown Hereon; (2) The Right To Require Dedication For Public Use The Beds Of The Streets And/Or Roads And Floodplains And Open Space Where Applicable And For Good And Other Valuable Consideration, Hereby Grant The Right And Option To Howard County To Acquire The Fee Simple Title To The Beds Of The Streets And/Or Roads And Floodplains, Storm Drainage Facilities And Open Space Where Applicable; (3) The Right To Require Dedication Of Waterways And Drainage Easements For The Specific Purpose Of Their Construction, Repair And Maintenance; And (4) That No Building Or Similar Structure Of Any Kind Shall Be Erected On Or Over The Said Easements And Rights-Of-Way. Witness My Hand This 1st Day Of September, 2000.

*Keith E. Karas*  
Keith E. Karas  
(Owner)

*Patricia L. Karas*  
Patricia L. Karas  
(Owner)

*Donna J. Benfield*  
Donna J. Benfield  
(Witness)

*Donna J. Benfield*  
Donna J. Benfield  
(Witness)

SURVEYOR'S CERTIFICATE

I Hereby Certify That The Final Plat Shown Hereon Is Correct; That It Is A Subdivision Of All Of The Lands Conveyed By Donald C. O'Shea, By Margaretta J. O'Shea, His Wife, Pursuant To A Special Power Of Attorney To Be Recorded Among The Land Records Of Howard County, Maryland Prior Herein, And Margaretta J. O'Shea, Husband And Wife To Keith E. Karas And Patricia L. Karas, Husband And Wife By Deed Dated October 28, 1992 And Recorded In The Land Records Of Howard County, Maryland In Liber No. 2748 At Folio 582, And That All Monuments Are In Place Or Will Be In Place Prior To Acceptance Of The Streets In The Subdivision By Howard County, Maryland As Shown, In Accordance With The Annotated Code Of Maryland, As Amended, And Monumentation Is In Accordance With The Howard County Subdivision Regulations.

*Terrell A. Fisher*  
Terrell A. Fisher, Professional Land Surveyor No. 10692  
Date: 9/1/2000

RECORDED AS PLAT No. 144-62 ON 10/1/2000  
AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

Revision Plat  
Lot 21  
Waterford  
Section 2

(A Revision Of Waterford, Section 2, Lot 21, Plat No. 7670)

Zoning: RR-DEO

Tax Map: 34, Part Of Parcel: 261, Grid: 10  
Fifth Election District: Howard County, Maryland  
Date: August 30, 2000



Scale: 1" = 50'  
Sheet 1 Of 1  
FOI-36