

10/5/93
Late AM
10/7/93
ASAP

PERMIT

03-314634

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49531

A 39589

DISTRICT 3rd

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~ADDRESS~~ 313-2640

DATE 08/13/93

INDEXED

DATE SYSTEM APPROVED 10/9/93

INSPECTOR [Signature]

Walter W. King Plumbing and Heating Contractors, Inc IS PERMITTED TO INSTALL X ALTER

ADDRESS 5305 King's Court, Frederick, Maryland 21702-6981 PHONE 1-800-564-6990

SUBDIVISION Crystal Clear LOT 29 ROAD 3840 Ivory Road

PROPERTY OWNER Pettit & Griffin, Inc. Philip & Myong Deming

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

Call for First open Trench inspection prior to gravel filling
8/12/93

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Start the first trench 160 feet from the front lot line and 90 feet from the left lot line as seen when facing the property from Kennard Drive. Run trenches along contour toward Ivory Road

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 8/18/93*

PLANS APPROVED BY C. Williams

DATE 07/06/89

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

BLDG. PERMIT SIGNED AND RETURNED 01/03/95
addition seasoned porch.

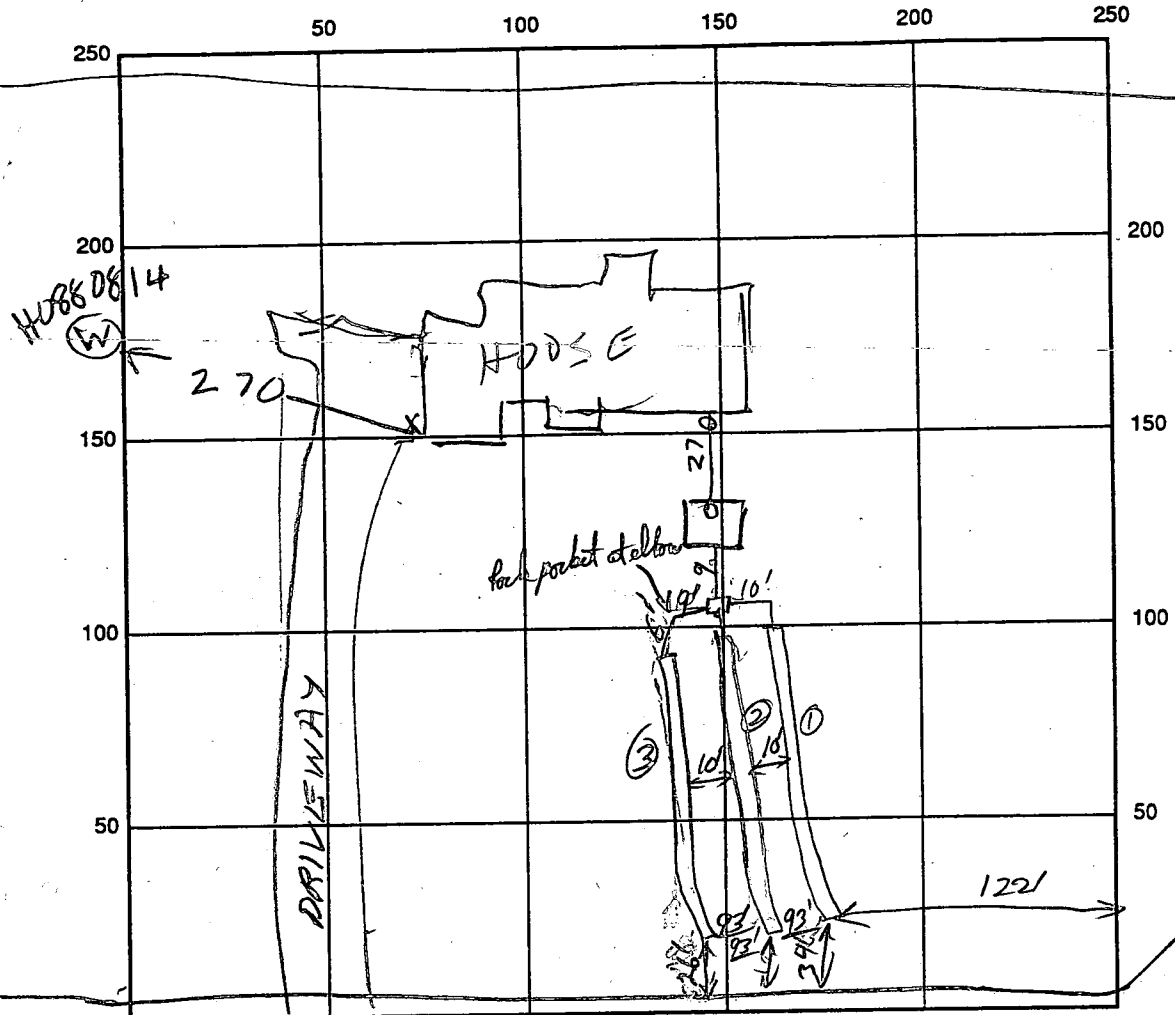
PERMIT VOID AFTER TWO YEARS

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
39589



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 + VORY RD

SEPTIC TANK LEVEL 1250 ✓ CLEANOUTS OK S.T. + H.S.E. ✓

DISTRIBUTION BOX LEVEL ✓ level to dial-a-Flows

DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 88 | 2 | 3 / 96 / 93 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS: Lots of fill (4ft approx over east part of SDA); they'll need to call for an inspection of trench when open before gravel fill in them, estimate depth of db location + buried "A" soil horizon if available. P/R 8/27/93 Owner plans to regrade septic area, so several weeks before go needed P/R 8/30/93 Hit a little fracture rock at db + bottom of center line about 10' from begin - Part of trenches OK

10/5/93 CHECKED 2 TRENCHES BOTH DUG IN ORIGINAL GROUND TRENCHES OK

DUG - ADD STONE. DIG TRENCH #3 & ADD PART OF STONE R/H OK to Cover System P/R 10/7/93

DATE SYSTEM APPROVED 10/7/93 INSPECTOR Paul Pringle

APPLICATION

1/2

PERCOLATION TESTING

A 39589

P _____

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

7-23-87
Peres ok pending
plat approval JEN

DISTRICT 5TH

DATE 6-12-87

TO: THE COUNTY HEALTH OFFICER
ELLCOTT CITY, MARYLAND

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

PROPERTY OWNER Kennard Warfield Jr Crystal Clear General Partnership

ADDRESS 14663 Tridelphia Rd Glenely 21737 PHONE 442-2337

PROSPECTIVE BUYER N/A (Pettit + Griffin, Inc) PHONE 679-9114

ADDRESS _____ PHONE _____

PROPERTY LOCATION:
SUBDIVISION Crystal Clear LOT NO. 36

LOT 29 Preliminary

ROAD AND DESCRIPTION West side Ivory Rd North side Tridelphia Rd
13805 Kennard Drive

TAX MAP 22 PARCEL # 533

SIZE OF LOT 3 1/2 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. Mal D. Kew
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 7-21-87
For perc field locations and sub-division plat approval. May not have 10,000 sq ft. area. JEN ok. 7-23-87 JEN

BLDG. PERMIT SIGNED AND RETURNED 7/14/87

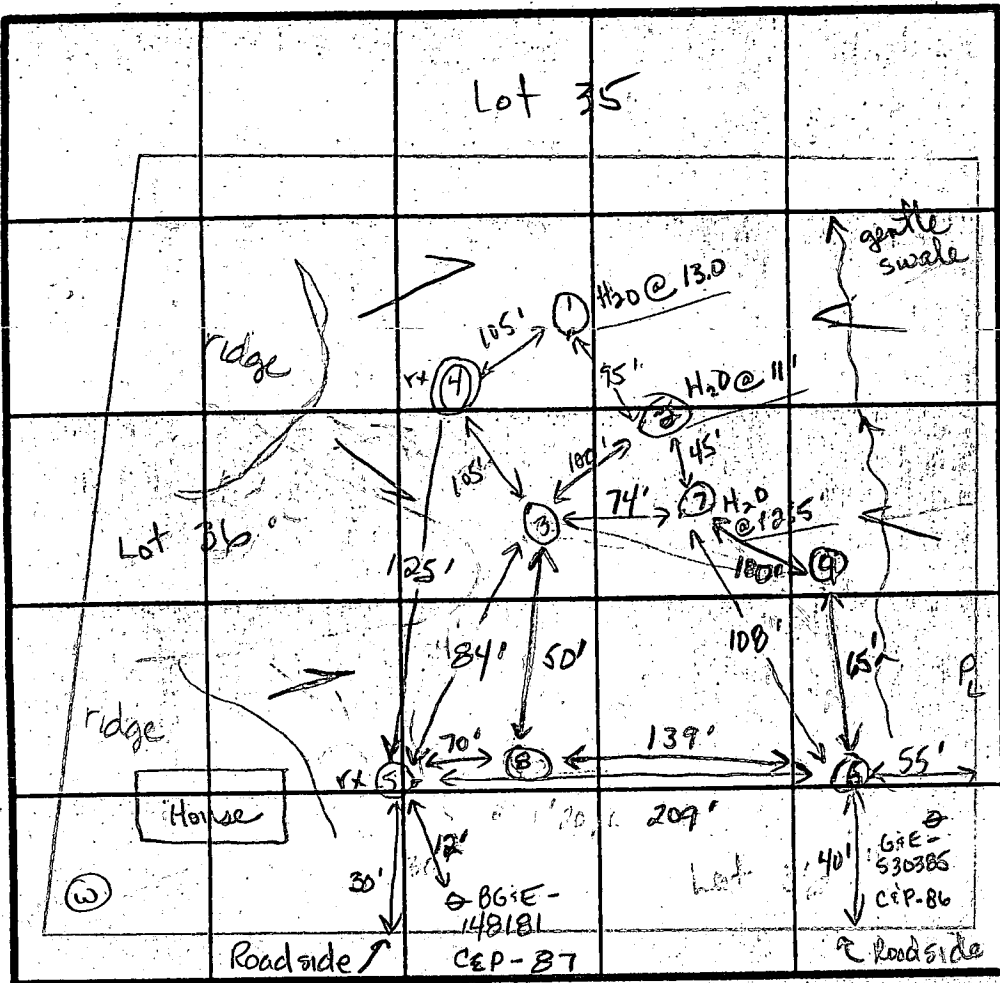
Serial # 49511-SFD-trailer

BLDG. PERMIT SIGNED AND RETURNED 8/11/87 5 Bedrooms + 1 leap SFD

THIS IS NOT A PERMIT

4 highest
 ↓
 1 lowest
 SOIL PROFILE

0-6.0 Rd br si cl lm, trace gravel
 6.0-13.0 Br si cl lm
 13.0 Bottom water at 13.0



(4)
 0-7.0 Br si sa lm, < 90% broken rx fragments, near horiz bedding throughout
 7.0 Bottom

(5)
 0-4.5 Rd br si cl lm
 4.5-9.0 Br sa si lm, trace of fractured rock pieces < 20%
 9.0-12.5 Br si sa
 13.0 Bottom water at 12.5

(6)
 0-1.0 Dk br si cl lean
 1-4 Br sa si lm, trace relict bedding
 4-12 Br si sa lm, some broken rx frags < 35%
 13.0 Bottom

(2)
 0-1.5 Br si cl lm, trace broken rx frags
 1.5-11.5 Br micaceous sa si lm, broken decomposed rx frags w/ relict structure < 70%
 11.5 Bottom water at 11.0

(3)
 0-4.5 Rd br si cl lm
 4.5-12 Br si lm trace of relict bedding
 12.0 Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 IVORY RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-21-85	3	4.0 S	10:39	10:52	10:52	11:08	16
		7.0 M	10:39	10:48	10:48	11:00	12
		12.0 D	Bottom (See profile)				
		4.0 S	11:05	11:30	1/2 inch	slow	no
	7 (opposite end)	4.0	11:31	11:36	11:36	11:47	11
		13.0 D	Bottom (see profile)		Water at 12.5		
		2.5 S	11:22	11:52	1/2 inch	slow	no
	6 (opposite end)	6.0 M	12:09	12:50	1/8 inch	slow	1:00
	(same as 75 - opposite end)	6.0 M	12:20	12:33	12:33	1:00	
		13.0 D	Bottom (See profile)				27
	8	5.5 S	12:03	12:10	12:10	12:27	17
		9.0 D	Bottom (see profile)				

REMARKS: Hole (3) can be moved 50' toward (4) and 25' toward left lot line as seen from rd. Moved all perc holes to avoid rock and high water. (3) as shown on plat.
 TYPE OF SOIL: 0-5' Rd-br si cl lm, 5'-12' Br si sa lm, broken rock frags < 30%

TESTED BY: JE Nadeau
 ALSO PRESENT: Olen Ketterman, Mark

X Perc
 19 min
 Inlet 4.0'
 Bottom 6.0'

APPLICATION

2/2

PERCOLATION TESTING

A 39589

P _____

DISTRICT 5th

DATE 6-12-87

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

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 Kennard Warfield Jr.

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Crystal Clear LOT NO. 36

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

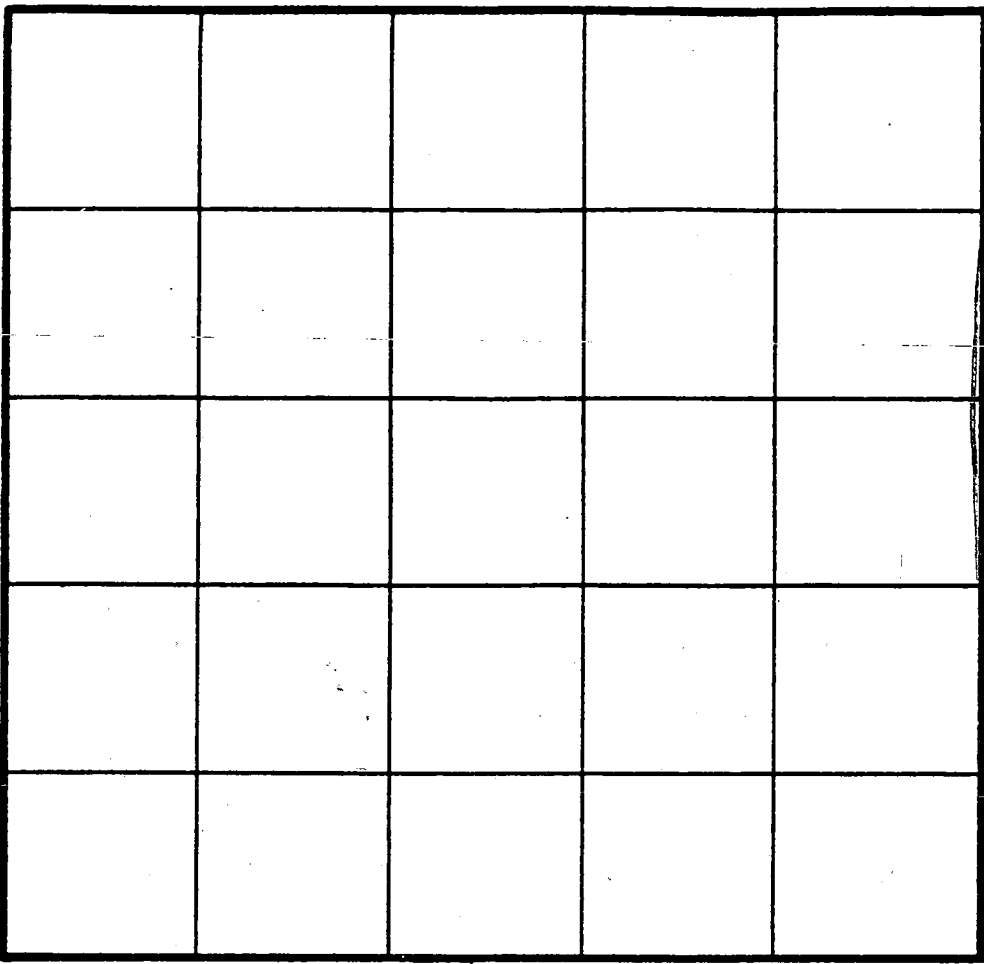
HD-216

THIS IS NOT A PERMIT

5

SOIL PROFILE

0-1.5 Br si lm
 1.5-4.0 Rd br si cl lm
 4.0-9.0 Rd br sa si lm, broken weathered rock frags < 50%, 45° bedding
 9.0 Bottom



6
 0-4.0 Br si sa lm, some broken rx frags, trc bedding @ 45°
 4-12 Br sa si lm, trc white si lenses
 12.0 Bottom
 Specs Invert @ 5.5'
 5.5' - 10' stone
 X Perc

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

8

0-1.5 Dk br si lm
 1.5-5.0 Red br si cl lm
 5.0-11.0 Br sa si lm, broken rock frags < 30%, 45° bedding, apparent on opposite end from perc hole
 11.0 Bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
7-23-87	✓ 9	4.0 S	3:53	3:55	3:55	4:00	5	
		8.0 M	3:53	3:57	3:57	4:08	11	
		12.0 D	Bottom (see profile)					

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

APPLICATION

PERCOLATION TESTING

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

A 39588
P _____
DISTRICT 5TH
DATE 6-12-87

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 Kennard Warfield Jr.
ADDRESS 14663 Tridelphia Rd Glenely 21737 PHONE 442-2337
PROSPECTIVE BUYER N/A
ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Crystal Clear LOT NO. 35
ROAD AND DESCRIPTION West side Ivory Rd North side Tridelphia Rd

TAX MAP 22 PARCEL # 533
SIZE OF LOT 3 1/2 acres TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

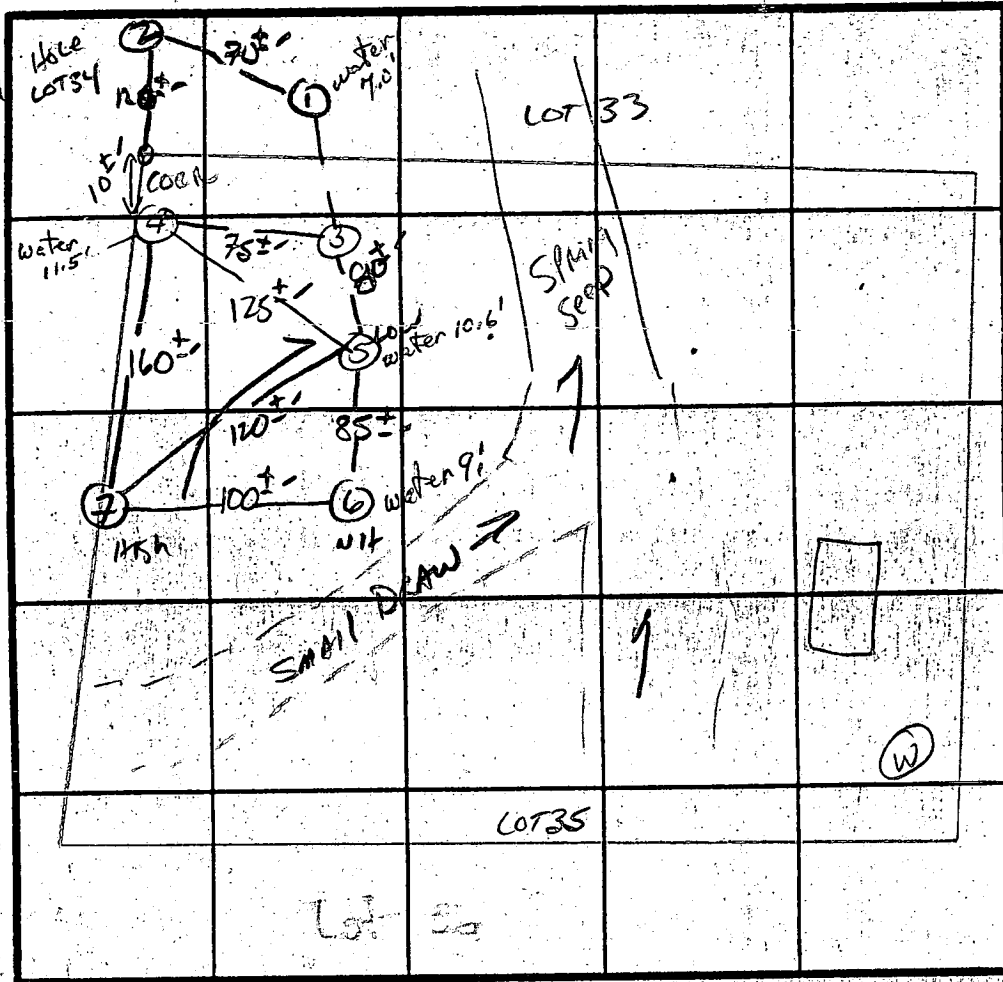
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Malls Ruv
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____
REJECTED BY _____ FOR _____ DATE _____
HOLD PENDING FURTHER TESTS _____ DATE _____
REASONS FOR REJECTION OR HOLDING 7/30/87 Hold for wet season Repest. S. A.

THIS IS NOT A PERMIT

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

IVORY RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/30/87	LOT 34 hole # 2 - SMIN PERC						
	1 V	H ₂ O AT 7 FE					
	3 S	3.5'	2:23	2:33	2:33	2:51	18 MIN
	4 S	4'	2:48	2:49	2:49	2:51	2 MIN
	4 V	12.5'	UNIFORM	Soil below 3.5'	H ₂ O AT 11.5'		
	5 S	4'	3:00	3:04	3:04	3:14	10 MIN
	5 V	13'	WATER AT 10.6'	SIMILAR	10MP below 3.5'		
	6 S	12.5'	NOT TESTED H ₂ O 700 H ₂ O				
	6 V	12.5'	WATER AT 9.0'				
	7 S	4'	3:22	3:26	3:26	3:32	6 MIN
	7 V	12.5'	UNIFORM	Soil below 3.5'			

REMARKS

TYPE OF SOIL

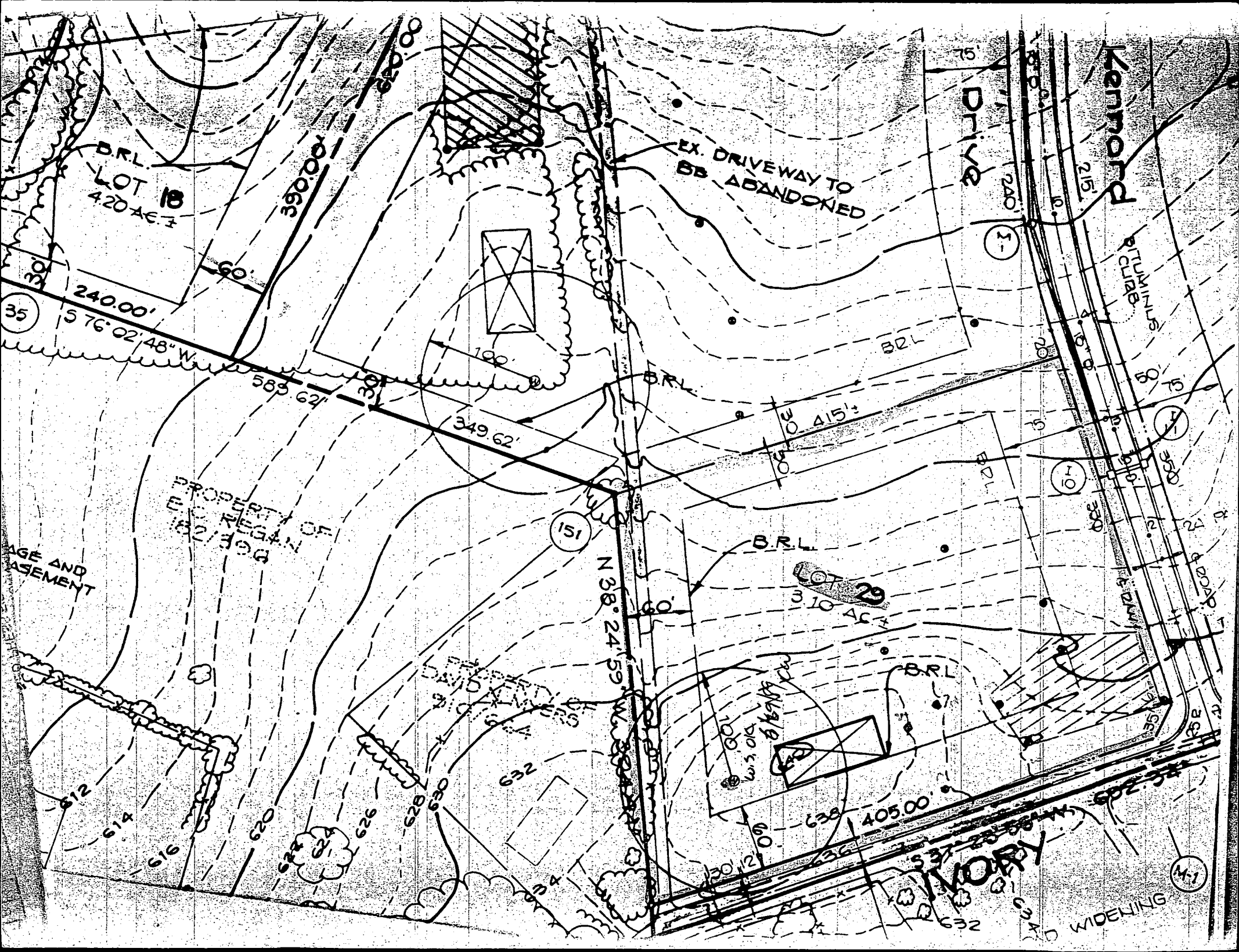
Chester

TESTED BY

S. Abel

ALSO PRESENT

K+K, MARK



Kennard

DRIVE

EX. DRIVEWAY TO BB ABANDONED

B.R.L.
LOT 18
4.20 AC ±

240.00'
S 76° 02' 48" W

390.00'

349.62'

415.3'

N 38° 24' 59" W

405.00'

PROPOSED
IMPROVEMENTS
TO
LOT 18
2/27/50

AGE AND
ASSESSMENT

IVORY

WIDENING

RETURNING
CLUB

351

151

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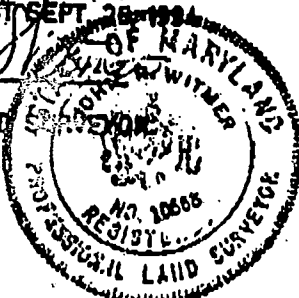
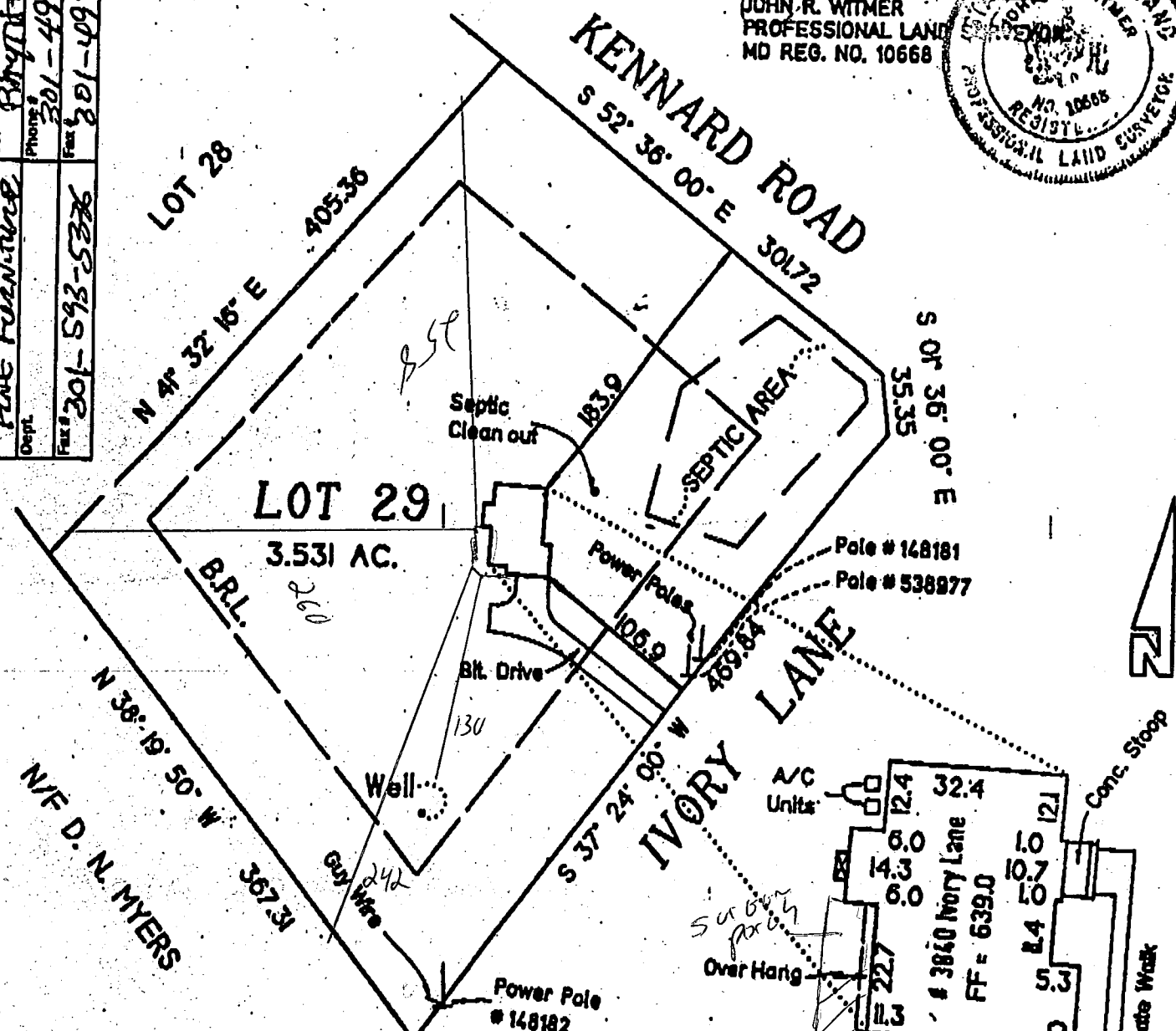
259

260

Post-Net brand fax transmittal memo 7671 # of pages >

From: **PHIL DENING**
 Co: **FINE FURNITURE**
 Dept:
 Phone: **301-497-0719**
 Fax: **301-497-0700**
 Phone: **301-593-5326**

CERTIFIED CORRECT SEPT 28 1994
John R. Witmer
 JOHN R. WITMER
 PROFESSIONAL LAND SURVEYOR
 MD REG. NO. 10668

NOTE:
 No title report furnished.

SURVEYOR'S CERTIFICATE

I hereby certify that the property indicated hereon is shown in accordance with the Subdivision Plat recorded as Plat 8442; that the improvements have been located by acceptable field survey practices and that all visible improvements are shown. The existence of property corner markers is not guaranteed by this plat. This lot is not located in a 100 year flood hazard area.

July 23, 1993

John R. Witmer

1/31/94
 BP 57743
 - deck and screened porch
 - Proposed addition location will have no impact to existing well and septic - OK to proceed - well's septic location show correctly on plan.
Amy M. Mellan

HOUSE LOCATION PLAT
LOT 29
CRYSTAL CLEAR
 HOWARD COUNTY, MARYLAND
 SCALE 1"=100' JULY, 1993
LANER WITMER ASSOCIATES

C1 9986

SEQUENCE NO. (DENY USE ONLY)

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

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A 39589

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20 072789

22 26 400 (TO NEAREST FOOT)

28 37 10-88-0814

OWNER: GUSKEY LAND CO. last name KENNEDY DRILL first name TOWN GREENSBORO SUBDIVISION SECTION LOT 29

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 for soil types and depths.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 10 NO. OF POUNDS 1000 GALLONS OF WATER 50 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 40 ft.

CASING RECORD casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER MAIN CASING TYPE 54 Nominal diameter top (main) casing (nearest inch) 06 Total depth of main casing (nearest foot) 45

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

DEPTH (nearest ft.) 13 400 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.) W Q 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) 7 METHOD USED TO MEASURE PUMPING RATE bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 26 WHEN PUMPING 210 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) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE 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 below LAND SURFACE (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 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

COUNTY

10/2/93 ASAP

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

*Pitless adapter Not Reader
OK to cover part of waterline
- They suspect well may have caved
RPP 10/17/93*

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation Replacement
Receipt # -0-
Date 8/9/93
Name of Installer WALTER W KING PLBG Telephone 1-800-564-6990
License Number 2217
Certified Well Pump Installer Well Driller Registered Plumber
Name of Property Owner PETIT + GRIFFIN INC Telephone 301-975-1020
Subdivision CRYSTAL CLEAR Lot # 29 Well Tag # HO-88-0314
Site Address 3840 IVORY RD, GLENELG 21737

Pump
1. Type
a. Deep well jet
b. Shallow well jet
c. Submersible
2. Make GOULDS
3. Model # SES07422
4. Capacity 5 GPM
5. Pump exceeds well capacity Yes No
6. If Yes, is low pressure cutoff switch installed? Yes No
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other

Motor
1. Horsepower 3/4
2. RPM 3500
3. Voltage
a. 110
b. 220

Pitless Adapter
1. Make MARTINSON
2. Model # BP10K
3. Depth 42"

Tank
1. Capacity 82
2. Pressure relief valve? YES

Piping
1. Type 160PSI PLASTIC
2. Size 1"
3. NSF and/or BOCA Code approved YES
4. Depth of supply line 42"

Well data
1. Depth 400 ft.
2. Yield 1.7 GPM
3. Static water level ft.
4. 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: Walter W King
Date: 8-9-93

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

WALTER W KING PLUMBING & HEATING CONTRACTORS, INC.

5305 KINGS CT. FREDERICK, MD. 21702

(301)*662-6990 473-4330 831-4070 (MD. ONLY) *1-800-564-6990*EMERGENCY NUMBER

10/4/1994

TO WHOM IT MAY CONCERN

SUBJECT: 3840 IVORY RD - LOT 29

WALTER W. KING PLUMBING EXPOSED PITLESS ADAPTER AND INSPECTED FOR LEAKS AT WELL CASING CONNECTION AND WELL LINE CONNECTION NO LEAK WAS DETCTED AT EITHER LOCATION. WELL LINE WAS TESTED AT 100PSI FOR A PERIOD OF 1 HOUR NO LEAK WAS DETECTED.

Ron Hemler 10-4-94

RON HEMLER
PLUMBER
WALTER W KING PLBG

B 1 9186

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HD-88-0814

please print or type

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

Date Received (APA)

052689

OWNER INFORMATION

GOSHEM LAND CO

21006 BRINK CT

GAITHERSBURG MD 20879

B 3

LOCATION OF WELL R 44415

HOWARD

CRYSTAL CLEAR

SECTION LOT 29

CLEVEL 3

MILES FROM TOWN (enter 0 if in town) 1 MI

DRILLER INFORMATION

George F. Easterday

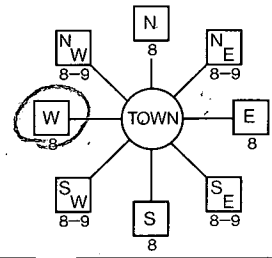
C. Franklin Easterday, Inc.

5265 Brown Church Rd., Mt. Airy, Md. 21771

Signature: George F. Easterday Date: 5-24-89

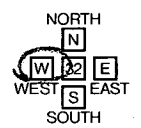
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



13805 KENNAED DR.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 400 FT

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Home (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
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 COUNTY NAME A 39589 COUNTY NO.

STATE SIGNATURE DATE ISSUED

070389 CO SIGNATURE

NORTH GRID 521000 EAST GRID 0802000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

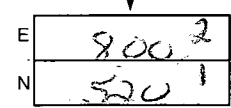
- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary Drive-POINT

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

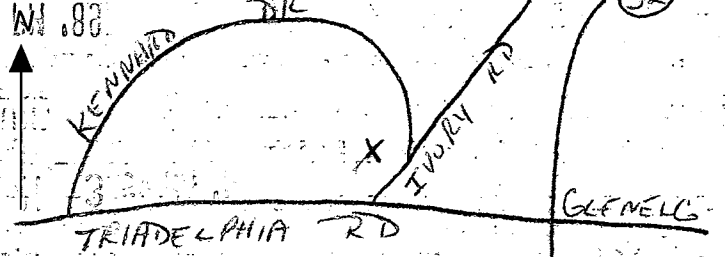


7/20/89 RECEIVED JUL 17 1989 L.F. EASTERDAY, INC.

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
THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
THIS WELL WILL DEEPEM AN EXISTING WELL

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

FORCE CW PERMIT No. HD-88-0814

SPECIAL CONDITIONS

7/13/93
 called Tractor
 will not have
 any running
 water or toilet
 BH

7/13/93
 PLANS OK
 BP 49511
 RH

29
 3.531 ac

construction
 trailer for
 S.F. House Construction
 10x40

Ex. Well
 Elev = 638.5

W/O
 Type "C"
 Rev. FF=638.3
 BF=629.5

Septic Line Inv.
 @ House = 631.4
 183'

SEPTIC TANK
 Grade - 634.5
 Inv In - 630.5
 Inv Out = 630.3

Grade @ Trench = 634.0
 Inv. Inti Trench = 630.0

SEPTIC

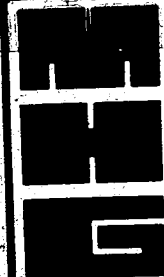
AREA

DIST. BOX
 Grade = 634.0
 Inv. In = 630.1

KENNARD

Ex. Paving

CALL "MISS UTILITY"
 TELEPHONE 1-800-257-7777
 500 UTILITY LOCATIONS



Macris, Hendricks and Glascock, P.A.

Engineers • Planners • Surveyors

Suite 120
 9220 Wightman Road
 Gaithersburg, Maryland
 20879

(301)670-0840

LANIER/WITMER ASSOCIATES

Engineers • Planners • Surveyors

224 NORTH ADAMS STREET
 ROCKVILLE, MD 20850

(301) 251-6730

IVORY