

10/23/00  
Layout  
Noon  
6/1/00  
2:00  
11/2/00  
work in  
progress

# PERMIT

## SEWAGE DISPOSAL SYSTEM

P 56575

A REPAIR

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~

410-313-2640

SOUTH CANAL

**INDEXED**

~~6/4/01 - 11:30/12:00 CANCELLED~~

~~Pump Test~~

6/15/01 1:00  
Pump Test

DISTRICT \_\_\_\_\_

DATE 4-23-1996

DATE SYSTEM APPROVED

6/15/01

INSPECTOR

M. R. P. King

Sean Carney

IS PERMITTED TO INSTALL \_\_\_\_\_ ALTER

ADDRESS 419 Greenlow Road Catonsville, MD 21228

PHONE \_\_\_\_\_

SUBDIVISION DiPaula Property

LOT 5

ROAD 1476 Florence Road

PROPERTY OWNER DiPaula

ADDRESS \_\_\_\_\_

### TOP SEAMED TANK REQUIRED

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

### PUMPED SEPTIC SYSTEM

INSTALL: - 1-1250 Gallon Top Seamed Pump Chamber

NOTES: - Septic pump detail to be provided by installer prior to issuance of septic permit.

- Pump performance test is necessary prior to Health Department approval of pumped septic system.

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

LOCATION - Place the distribution box at the highest point of the septic easement (See copy of signed perc. cert.) Run trenches along contour.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *DL 4/15/99 JS*

PLANS APPROVED BY Donna K. Soe

DATE 4-07-1999

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

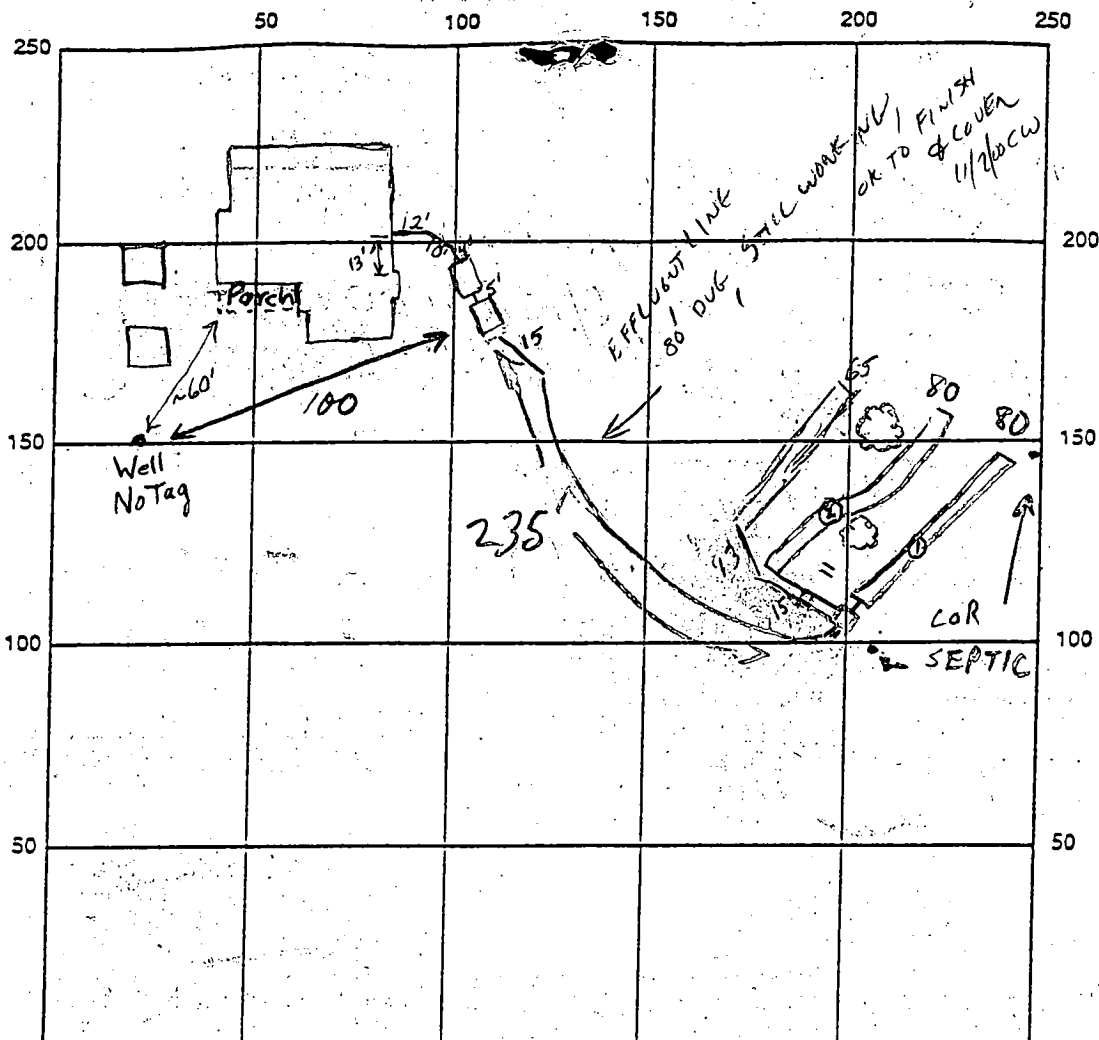
PERMIT VOID AFTER TWO YEARS

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**

P 56575



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
Florence Road

SEPTIC TANK LEVEL 2-1500 TS CLEANOUTS \_\_\_\_\_

DISTRIBUTION BOX LEVEL

DRAIN FIELD/TITLE DEPTH 4' FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 225 FT.

NUMBER OF TRENCHES 3 (10+80+65) ONE SIDEWALL/BOTTOM AREA 675 SQ. FT.

DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: 10/23/00 No house connection. Easement not staked. Tanks O.K. Well casing bent, no tag, no cap. (BB) 11/1/00 NO ONE PRESENT @ 2:10; ENDS OF TRENCHES ① + ② 30-40% LARGE FRAGS; OK TO COVER THESE TRENCHES (MR) 3rd TRENCH STOPPED 15' OF INTENDED LENGTH DUE TO SEVERE ROCK, TOTAL TRENCH LENGTH ACCEPTED AS "CLOSE ENOUGH" TO SPECIFIED LENGTH 11/2/00 (CW) 6/7/01 Cancelled, electric hookup not completed. (BB) 6/15/01 PUMP/ALARM OK (MR)

DATE SYSTEM APPROVED 6/15/01 INSPECTOR M. Riskin

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Robert L. Feezer Telephone #: (410) 795-1905  
Address: 6321 BARNETT AVE  
SYKEVILLE, MD 21784

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:

Name (Print): RICK CROSS License # 2122  
\*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: SEAN CARNEY Telephone # (410) 592-9828  
Subdivision: \_\_\_\_\_ Lot #: 5 Well Tag #: HO 94-3168  
Site Address: 1476 FLORENCE RD

Submersible Pump Data  
Make: REDJACKET  
Model #: DFE71182516  
Pump Capacity 9 GPM  
Well Yield: 5 GPM

Pitless Adapter  
Make: HARVARD  
Model #: PT800  
Depth: 424 (36" min)  
NSF approved:

Well Cap and Electric Conduit  
Two piece watertight cap:   
Screened, vented well cap:   
Cap secured to casing:   
Conduit min 18" B.G.:   
Conduit secured to well cap:

Depth of well encountered at time of pump installation: 400 (feet)  
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestor or Cable guards are required - Must circle one  
Safety rope, if used, attached to inside of well casing with eye bolt:

Piping to house  
Type: 1/2" Poly  
PSI: 200 (160 psi min)  
Depth of supply line: 424 (36" min)

House Connection  
PVC sleeved to undisturbed soil at wall penetration:   
Approximate length of sleeve: 8'  
Sleeve caulked and sealed properly:

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Rick Cross  
Signature of company representative responsible for installation 11/19/01  
date

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

Date Insp. Requested: \_\_\_\_\_ Date Insp. Approved: 8/17/01 RP

- Inspection Data: Pitless adapter and water supply line at least 36" below grade  BB
- Two piece cap installed and attached to casing securely
- Elec. conduit extends at least 18" below grade/attached to cap properly
- Safety rope installed inside of well casing
- Correct well tag attached properly and casing 8" above finished grade
- Water supply line sleeved adequately at house connection
- Adequate grout observed below pitless adapter

Connected to Existing Line

C1 0629 SEQUENCE NO. (MDE USE ONLY)  
 1 2 3 6  
 (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 TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED  
 COUNTY NUMBER **(13)** P56575 **(BB)**  
 8/10/01 OK

ST/GO USE ONLY  
 DATE RECEIVED  
 MM DD YY  
 8 10 01

DATE WELL COMPLETED  
 MM DD YY  
 8 10 01

Depth of Well  
 22 400' 26  
 (TO NEAREST FOOT)

PERMIT NO.  
 FROM "PERMIT TO DRILL WELL"  
 H0-94-3168  
 28 29 30 31 32 33 34 35 36 37

OWNER Goodier Builders  
 STREET OR RFD 1476 Florence Road TOWN Mount Airy  
 SUBDIVISION Di Paula Property SECTION \_\_\_\_\_ LOT Existing House

**WELL LOG**  
 Not required for driven wells

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

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
Brown Shale	0	36	
Blue Rock	36	400	✓

**GROUTING RECORD** (yes no)  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **(Y)** **(N)**  
 TYPE OF GROUTING MATERIAL (Circle one)  
 CEMENT **(CM)** BENTONITE CLAY **(BC)**  
 NO. OF BAGS 15 NO. OF POUNDS 1410  
 GALLONS OF WATER 90  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 ft. to 36 ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
**(ST)** STEEL **(CO)** CONCRETE  
**(PL)** PLASTIC **(OT)** OTHER  
 MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 40  
 60 61 63 64 66 70

**OTHER CASING (if used)**  
 diameter inch \_\_\_\_\_ depth (feet) from \_\_\_\_\_ to \_\_\_\_\_  
 E A C H C A S I N G

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

NUMBER OF UNSUCCESSFUL WELLS: 0  
 WELL HYDROFRACTURED **(Y)** **(N)**

CIRCLE APPROPRIATE LETTER  
**(A)** A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED  
**(E)** ELECTRIC LOG OBTAINED  
**(P)** TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. M SD 024  
 DRILLER'S SIGNATURE Joseph Mayne  
 (MUST MATCH SIGNATURE ON APPLICATION)  
 LIC. NO. M D

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

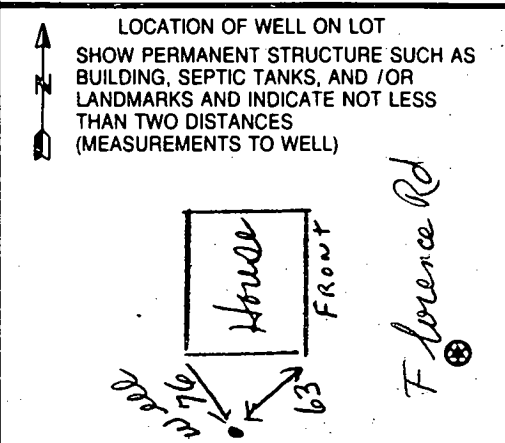
**C 2** DEPTH (nearest ft.)  
 1 2  
Ho 38 400  
 E 8 9 11 15 17 21  
 A 23 24 26 30 32 36  
 S 38 39 41 45 47 51  
 R  
 E  
 E  
 N  
 SLOT SIZE 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_  
 DIAMETER OF SCREEN (NEAREST INCH)  
 58 60  
 from \_\_\_\_\_ to \_\_\_\_\_

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 \_\_\_\_\_

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
 T (E.R.O.S.) W Q  
 70 72 74 75 76  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

**C 3** **PUMPING TEST**  
 HOURS PUMPED (nearest hour) 3  
 8 9  
 PUMPING RATE (gal. per min.) 4  
 11 15  
 METHOD USED TO MEASURE PUMPING RATE Bucket  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING 40 ft.  
 17 20  
 WHEN PUMPING 280 ft.  
 22 25  
 TYPE OF PUMP USED (for test)  
**(A)** air **(P)** piston **(T)** turbine  
**(C)** centrifugal **(R)** rotary **(O)** other (describe below)  
**(J)** jet **(S)** submersible

**PUMP INSTALLED**  
 DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES **(NO)**  
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.  
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. 29  
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 \_\_\_\_\_ 35  
 PUMP HORSE POWER 37 \_\_\_\_\_ 41  
 PUMP COLUMN LENGTH (nearest ft.) 43 \_\_\_\_\_ 47  
 CASING HEIGHT (circle appropriate box and enter casing height)  
**(+)** above } LAND SURFACE  
**(-)** below } 2 (nearest foot)  
 49 50 51



B 1 8431

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL NO FEE please print or type

STATE PERMIT NUMBER

HO-94-3168 fill in this form completely

Date Received (APA) 08-07-01

OWNER INFORMATION

Goodier Builders 10705 Charter Dr. Suite 320 Columbia md 21044

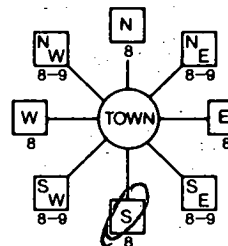
B 3 LOCATION OF WELL

Howard COUNTY 23 SUBDIVISION 1210 SECTION 44 LOT 46 NEAREST TOWN Mt. Airy MILES FROM TOWN 4 1/2

DRILLER INFORMATION

Joseph L. Mayne MSD 24 5512 Ridge Rd. Mt. Airy md 21771

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



1476 Florence Rd NEAR WHAT ROAD ON WHICH SIDE OF ROAD 500 FT DISTANCE FROM ROAD TAX MAP: BLK: PARCEL:

B 2 WELL INFORMATION APPROX. PUMPING RATE 5 GAL. PER MIN. AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

- USE FOR WATER (CIRCLE APPROPRIATE BOX) [D] DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION [F] FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) [I] INDUSTRIAL, COMMERCIAL, DEWATERING [P] PUBLIC WATER SUPPLY WELL [T] TEST, OBSERVATION, MONITORING [G] GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard P56575 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED CO SIGNATURE EXP. DATE NORTH GRID 000 EAST GRID 000

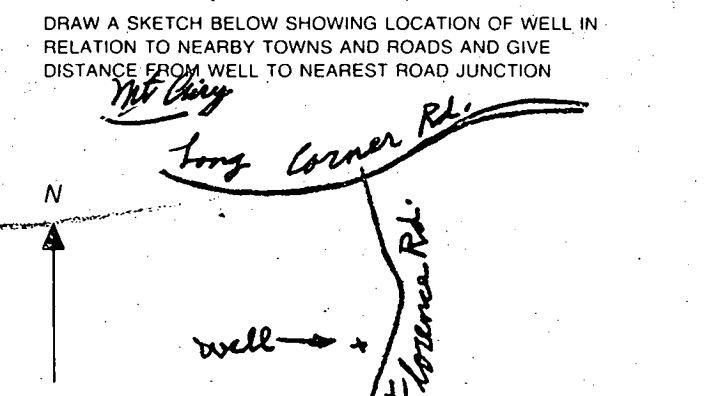
APPROXIMATE DEPTH OF WELL 300 FEET APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS [D] THIS WELL WILL DEEPEAN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X 8/16/01 - Grout 9AM No Asparta 1. well SOURCES OF DRILLING WATER 1. well WRITE THE BOX NUMBER FROM THE MAP HERE E 750 N 540

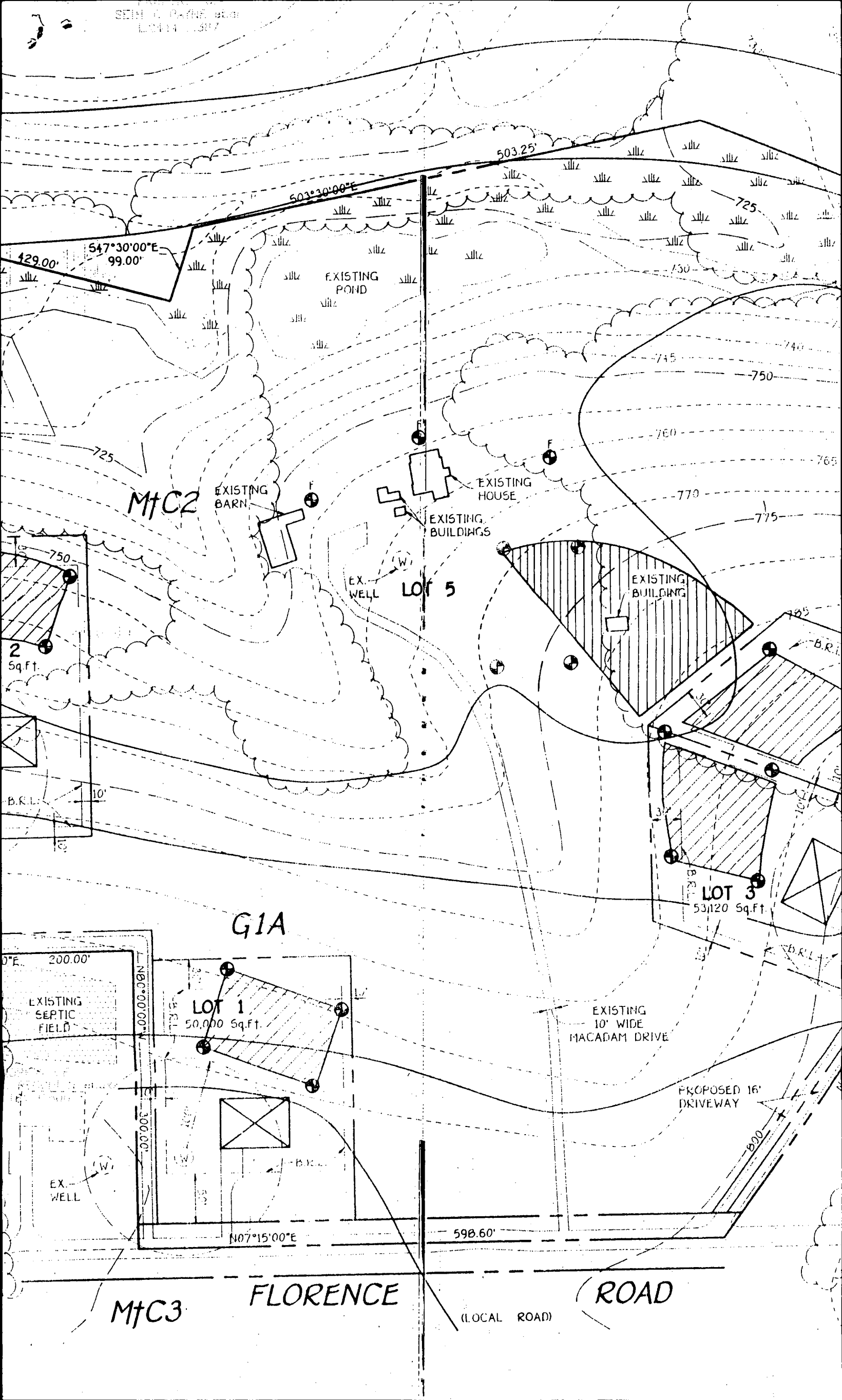
Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER G PERMIT No. HO-94-3168



SPECIAL CONDITIONS NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.







429.00' 547.30'00"E 99.00'

503.25'

503.30'00"E

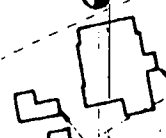
725

725

M+C2

EXISTING BARN

F



EXISTING HOUSE

F

EXISTING BUILDINGS

770

775

EX. WELL

LOT 5

EXISTING BUILDING

2  
Sq.Ft.

LOT 3  
53,120 Sq.Ft.

G1A

EXISTING SEPTIC FIELD

LOT 1  
50,000 Sq.Ft.

EXISTING 10' WIDE MACADAM DRIVE

PROPOSED 16' DRIVEWAY

EX. WELL

N07°15'00"E

598.60'

M+C3

FLORENCE

(LOCAL ROAD)

ROAD

FOR THE PURPOSE OF A PUBLIC ROADWAY. (0.282 AC.)\*

# FLORENCE

R

SEE ENLARGEMENT

MARYLAND STATE GRID NORTH

NAD '83

1/2" Ø REBAR FOUND

PRIVATE 24' WIDE USE-IN-COMMON EASEMENT FOR ACCESS TO LOTS 3 AND 4. MAINTENANCE OBLIGATION RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND. LIBER 3863, FILIO 0118

LOT 4 SECTION ONE HELTON PROPERTY PLAT No. 6333

LOT 3 53,380 Sq.Ft.\*

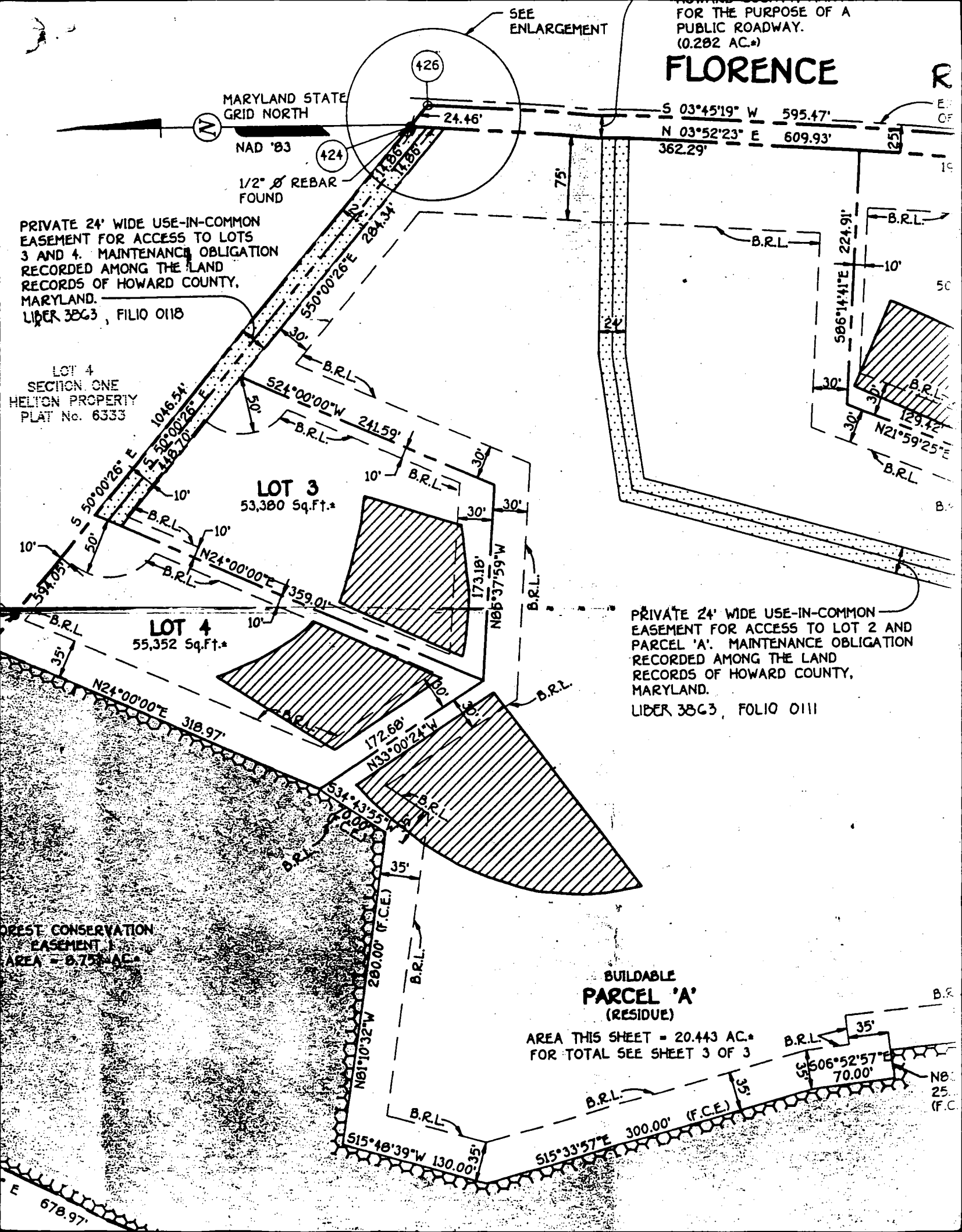
LOT 4 55,352 Sq.Ft.\*

PRIVATE 24' WIDE USE-IN-COMMON EASEMENT FOR ACCESS TO LOT 2 AND PARCEL 'A'. MAINTENANCE OBLIGATION RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND. LIBER 3863, FOLIO 0111

FOREST CONSERVATION EASEMENT AREA = 8.75 AC.\*

BUILDABLE PARCEL 'A' (RESIDUE)

AREA THIS SHEET = 20.443 AC.\* FOR TOTAL SEE SHEET 3 OF 3



8/7/01

11:30

SITE INSPECTION SHEET

OWNER: D. Paula  
ADDRESS: 1476 Florence Rd

DATE REQUESTED: 8/7/01 11:30  
DRILLER/CONTRACTOR: Joe Mayne

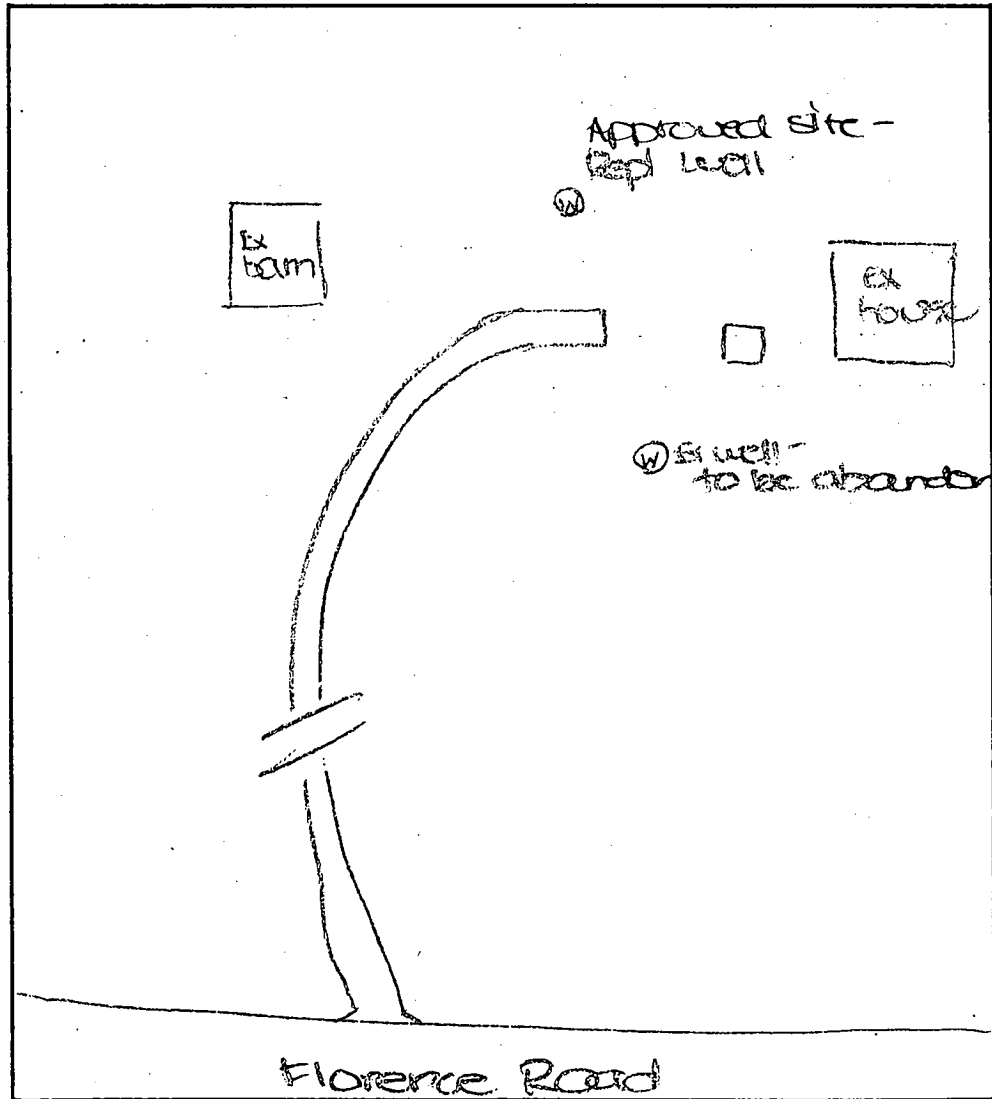
TAX & PARCEL: \_\_\_\_\_

WELL TAG NUMBER: \_\_\_\_\_

COUNTY: Howard Co.

PROPOSAL: Replacement Well

LOCATION DIAGRAM



COMMENTS: OK to drill repl well as indicated.  
existing well to be abandoned (nearly  
out of water).

DATE: 8/7/01

INSPECTOR: DLC/KG

# APPLICATION

PERCOLATION TESTING

A 56575

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

Existing House  
\$25 Repair  
Fee Recd (CW)

DISTRICT \_\_\_\_\_

DATE 4/23/96

Received 4/23/96

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER LEAH DIPAULA 1/2 ED MURN

ADDRESS 12251 YEARLING COURT PHONE 531-3078  
ELLICOTT CITY MD. 21042

AGENT OR PROSPECTIVE BUYER FISHER COLLINS & CARTER INC. 1/2 Zacharia Fisch

ADDRESS 10272 BALTIMORE NATIONAL PIKE PHONE 461-2855  
ELLICOTT CITY MD. 21042

PROPERTY LOCATION:

SUBDIVISION DIPAULA PROPERTY LOT NO. EXISTING HOUSE

ROAD AND DESCRIPTION FLORENCE ROAD

TAX MAP 6 PARCEL # 60

SIZE OF LOT 44 ACRES TYPE BLDG. S.F.D.  
(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. Zacharia Y. Fisch (agent)  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

(A)(B)(C)

0' topsoil  
 1' or red br cl lm  
 3' 1t or br si lm  
 8' Heavy shale frags Refusal

(H)

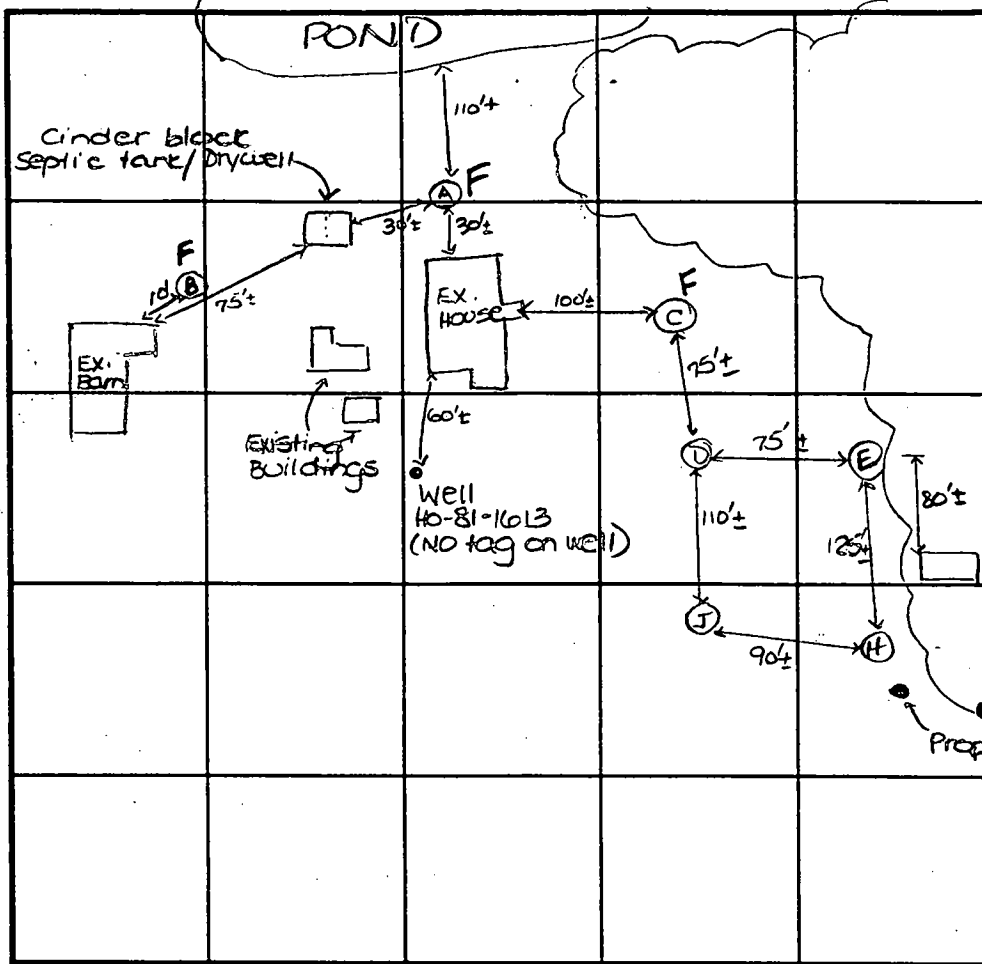
1' topsoil  
 or red br cl lm  
 2.5'-3' 1t or br si lm

15% rock frags

(D)(E)

0' topsoil  
 1' or br cl lm  
 2.5'-3' 1t or br si lm

20% rock frags



SOIL PROFILE

(J)

0' topsoil  
 1' or red br cl lm  
 3' 1t or br si lm  
 9.5' 25% shale frags

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
 Florence Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-8-96	A	8.0'D	Refusal	—	—	—	F
	B	8.0'D	Refusal	—	—	—	F
	C	8.0'D	Refusal	—	—	—	F
	D	9.5'D	Visual	- see	profile		
	E	9.5'D	Visual	- see	profile		
	H	10.5'D	Visual	- see	profile		
	J	9.5'D	Visual	- see	profile		

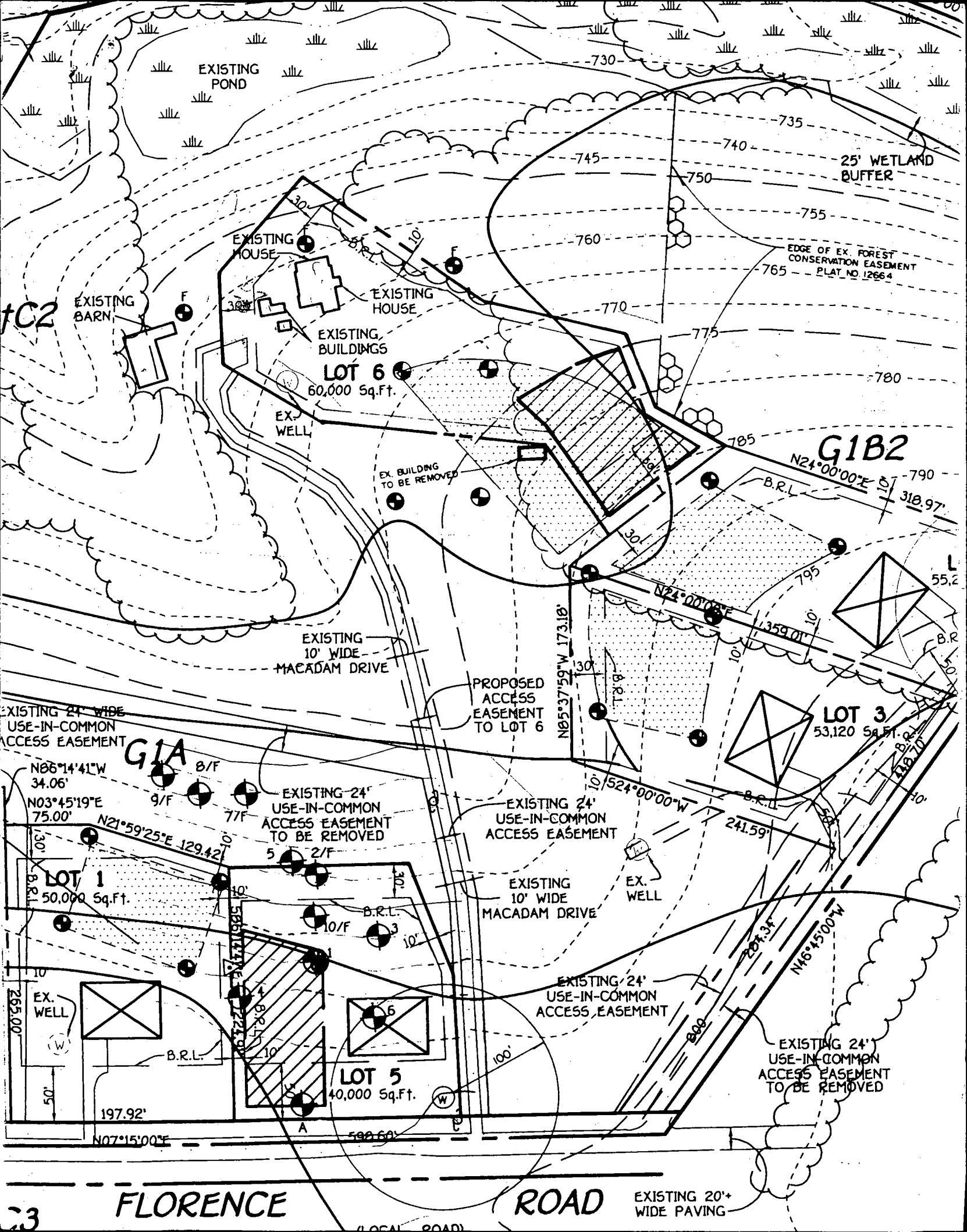
REMARKS Pumped septic system (SHALLOW ONLY)

TYPE OF SOIL \_\_\_\_\_

TESTED BY D. Soe ALSO PRESENT C. Crovo

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME N/A TRENCH WIDTH 3'

INLET DEPTH 2.0 MAXIMUM BOTTOM DEPTH 4.0 SQ. FT./BEDROOM 180'



EXISTING POND

EXISTING HOUSE

EXISTING HOUSE

EXISTING BUILDINGS  
LOT 6  
60,000 Sq.Ft.

EX. WELL

EX. BUILDING TO BE REMOVED

EXISTING 10' WIDE MACADAM DRIVE

PROPOSED ACCESS EASEMENT TO LOT 6

25' WETLAND BUFFER

EDGE OF EX. FOREST CONSERVATION EASEMENT PLAT NO. 12664

G1B2

LOT 3  
53,120 Sq.Ft.

G1A

EXISTING 24' USE-IN-COMMON ACCESS EASEMENT TO BE REMOVED

EXISTING 24' USE-IN-COMMON ACCESS EASEMENT

EXISTING 10' WIDE MACADAM DRIVE

EXISTING 24' USE-IN-COMMON ACCESS EASEMENT

EXISTING 24' USE-IN-COMMON ACCESS EASEMENT TO BE REMOVED

LOT 1  
50,000 Sq.Ft.

LOT 5  
40,000 Sq.Ft.

FLORENCE ROAD

ROAD

EXISTING 20'+ WIDE PAVING

NAD'27 COORDINATE TABLE		
POINT	NORTH	EAST
17	544711.704684	750720.041078
51	544558.471706	750266.309652
72	543484.742463	750288.341754
75	543373.626518	750279.008659
79	543318.075972	750412.717595
84	543009.407878	750290.538945
88	542751.703902	750264.758277
127	543072.641959	757610.687666
133	543225.734345	757703.439613
157	544142.348974	757126.423840
171	544288.935820	757456.431842
186	544521.646320	757649.293058
212	544938.570020	757793.730734
230	545485.884914	757662.369264
260	546095.637806	757961.044913
316	544969.098801	757722.741594
347	545418.931107	758757.864913
348	544628.810078	758721.967800

SOILS LEGEND		
SOIL	NAME	CLASS
Co	Codorus silt loam	
M1C2	Mt. Airy channery loam, 0 to 15 percent slopes, moderately eroded	A
M1C3	Mt. Airy channery loam, 0 to 15 percent slopes, severely eroded	A
M1B2	Mt. Airy channery loam, 3 to 8 percent slopes, moderately eroded	A
M1D2	Mt. Airy channery loam, 15 to 25 percent slopes, moderately eroded	A
G1B2	Glenelig loam, 3 to 8 percent slopes, moderately eroded	B
G1A	Glenelig loam, 0 to 3 percent slopes	B

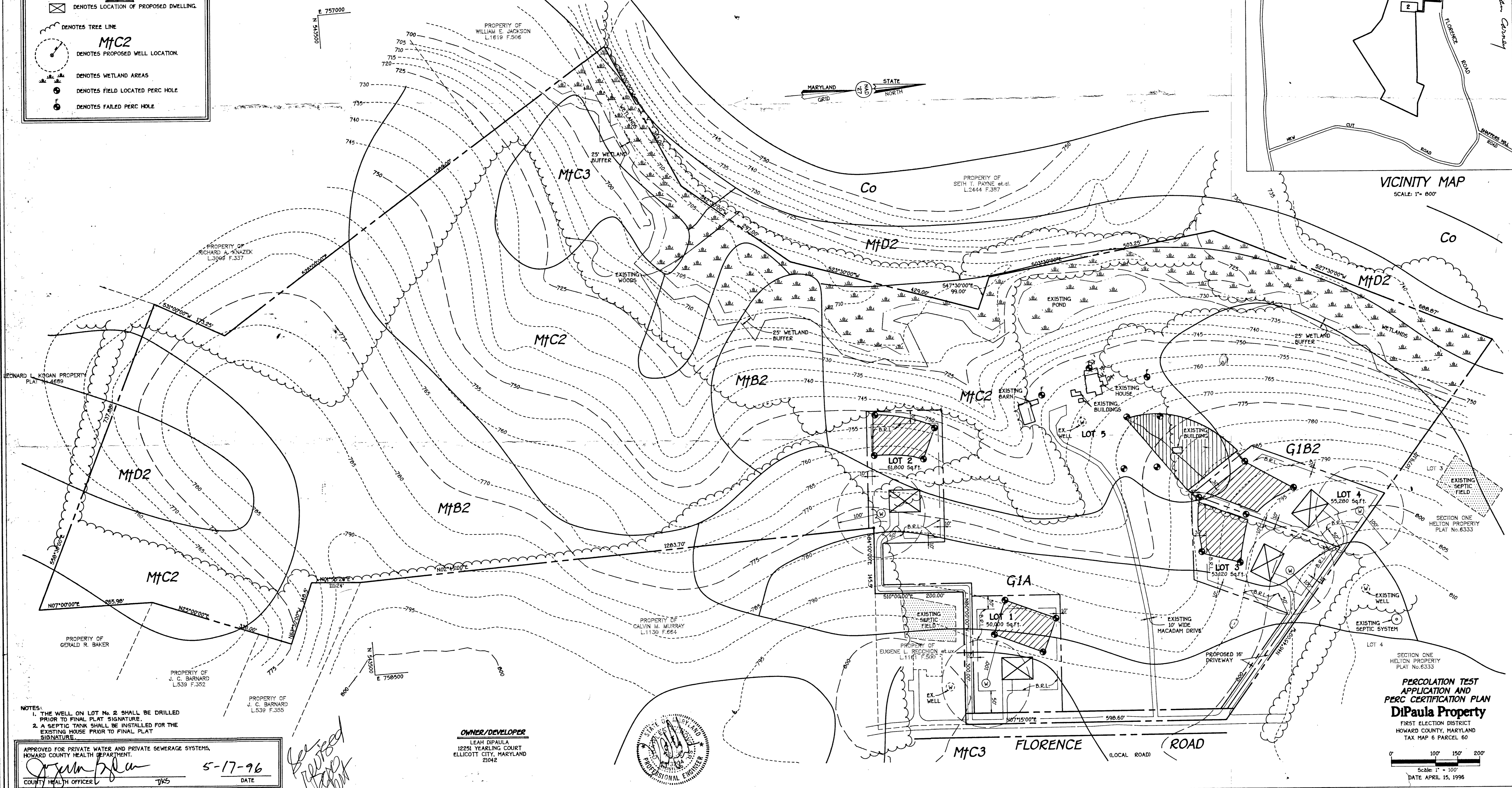
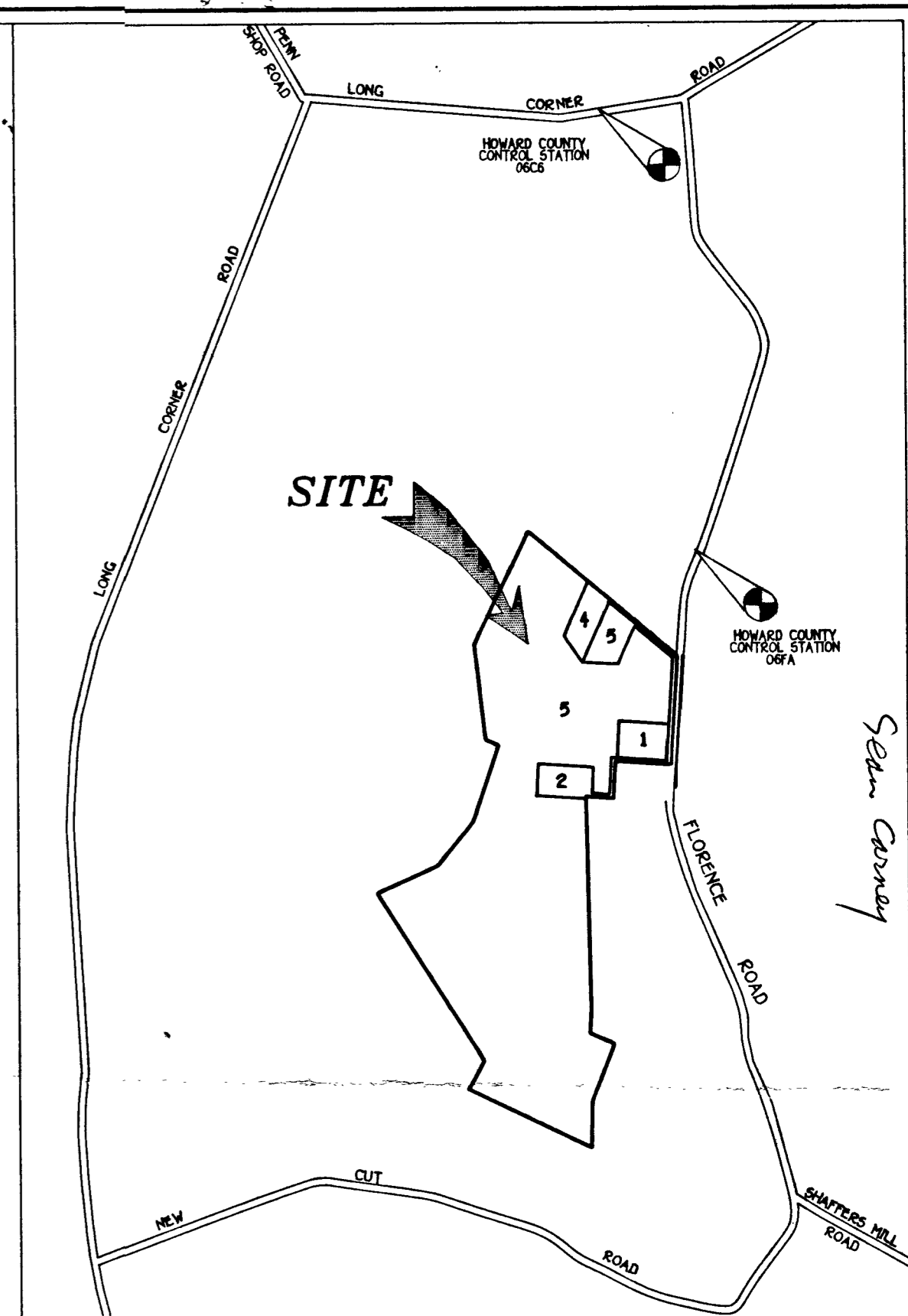
NOTES:  
 \* Hydric soils and/or contains hydric inclusions  
 \*\* May contain hydric inclusions  
 † Generally only within 100-year floodplain areas

**GENERAL NOTES:**

- SUBJECT PROPERTY ZONED RC-DEO
- TOTAL NUMBER OF PROPOSED LOTS = 5
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA SHALL BE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT WHERE PERTINENT.
- PERCOLATION AREAS AND WATER WELLS FOR ADJOINING LOTS WILL BE SHOWN WHERE PERTINENT.
- PRIVATE WATER AND SEWER TO BE UTILIZED.

**LEGEND**

- ☒ DENOTES LOCATION OF PROPOSED DWELLING.
- DENOTES TREE LINE
- M1C2 DENOTES PROPOSED WELL LOCATION.
- ☼ DENOTES WETLAND AREAS
- ⊙ DENOTES FIELD LOCATED PERC HOLE
- ⊙ DENOTES FAILED PERC HOLE



NOTES:  
 1. THE WELL ON LOT No. 2 SHALL BE DRILLED PRIOR TO FINAL PLAT SIGNATURE.  
 2. A SEPTIC TANK SHALL BE INSTALLED FOR THE EXISTING HOUSE PRIOR TO FINAL PLAT SIGNATURE.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT.

*[Signature]*  
 COUNTY HEALTH OFFICER

5-17-96  
 DATE

**OWNER/DEVELOPER**  
 LEAH DIPAULA  
 12251 YEARLING COURT  
 ELLICOTT CITY, MARYLAND  
 21042

*[Professional Engineer Seal]*  
 PROFESSIONAL ENGINEER

**PERCOLATION TEST APPLICATION AND PERC CERTIFICATION PLAN**  
**DiPaula Property**  
 FIRST ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 TAX MAP 6 PARCEL 60

Scale: 1" = 100'  
 DATE: APRIL 15, 1996