5/25/00
septic C.O.
12:00

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 513349

A 57610-C

DISTRICT

DATE 3/28/00

DATE SYSTEM APPROVED 5/25/00

INSPECTOR BB

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXX~~ 410-313-2640

INDEXED

Global Equipment IS PERMITTED TO INSTALL X ALTER

ADDRESS p.O. Box 3595 Frederick, MD 21705 PHONE (301) 261-4885

SUBDIVISION Spring Hollow LOT 3 ROAD 17109 Spring Hollow Court

PROPERTY OWNER ~~W. Lambert & Margorie Cissel~~ BILL BURKHOLDER

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet 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. 3.0 feet of stone below distribution pipe.

LOCATION - Place the distribution box 200 feet down the left lot line and 15 feet off this same lot line as seen from Spring Hollow Court. Run first two trenches along contour towards the rear of the lot; run all other trenches along contour in both directions.

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

PLANS APROVED BY Donna K. Soe ON 1/4/2000 SRH DATE 12-15-99

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 ~~AUTHORIZED~~)

BUILDING PERMIT SIGNED AND RETURNED

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES) 10/3/2002 B00138746 DECK

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.

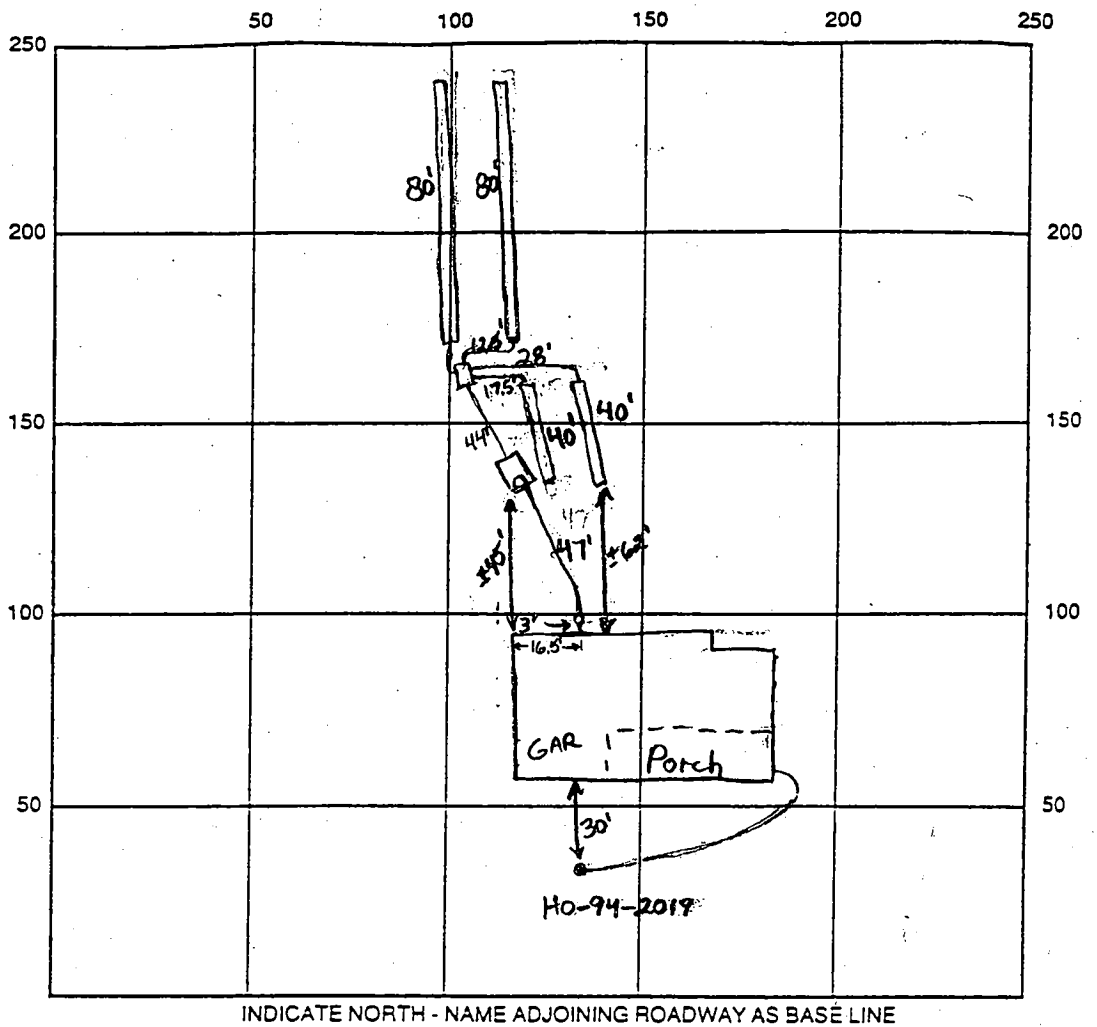
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

57610-C



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 T Seam CLEANOUTS 4" House, 6" Tank

DISTRIBUTION BOX LEVEL Levelers and Baffle - OK

DRAIN FIELD/TITLE DEPTH 5.0 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 3.0 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 240 FT.

NUMBER OF TRENCHES 4 ~~ONE SIDEWALL~~/BOTTOM AREA 720 SQ. FT.

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

ABSORBENT AREA / SQ. FT.

REMARKS: 5/25/00 House connection made. Everything looks satisfactory. O.K. to cover. BB

* House connection for well O.K. Pump not installed yet. Pitless adapter 4' below grade. Grout good. Casing 18" above grade. *

DATE SYSTEM APPROVED 5/25/00 INSPECTOR B. Baker

APPLICATION

PERCOLATION TESTING

A _____

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 ~~Lambert Cissel~~ W. LAMBERT & MARGARETTE CISSEL

ADDRESS 3425 Hipsley Mill Road, Woodbine, MD 21797 PHONE (410) 442-5671

PROSPECTIVE BUYER Developer, Land Marketing Consultants, Inc., Timothy W. Feaga

ADDRESS 3243 Bethany Lane, Ellicott City, MD 21042 PHONE (410) 313-8808

PROPERTY LOCATION:

SUBDIVISION Cissel Property LOT NO 1

ROAD AND DESCRIPTION Intersection of Hardy & St. Michael's Road

(17109 Spring Hollow Court)

BLDG. PERMIT SIGNED AND RETURNED 12-16-99
Serial # B01214 83

TAX MAP 7 PARCEL # 394, 4, 341, 144

SIZE OF LOT 1 Acre TYPE BLDG SFD - 4Bdrm
(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. Willis Lambert Cissel JR
(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

16

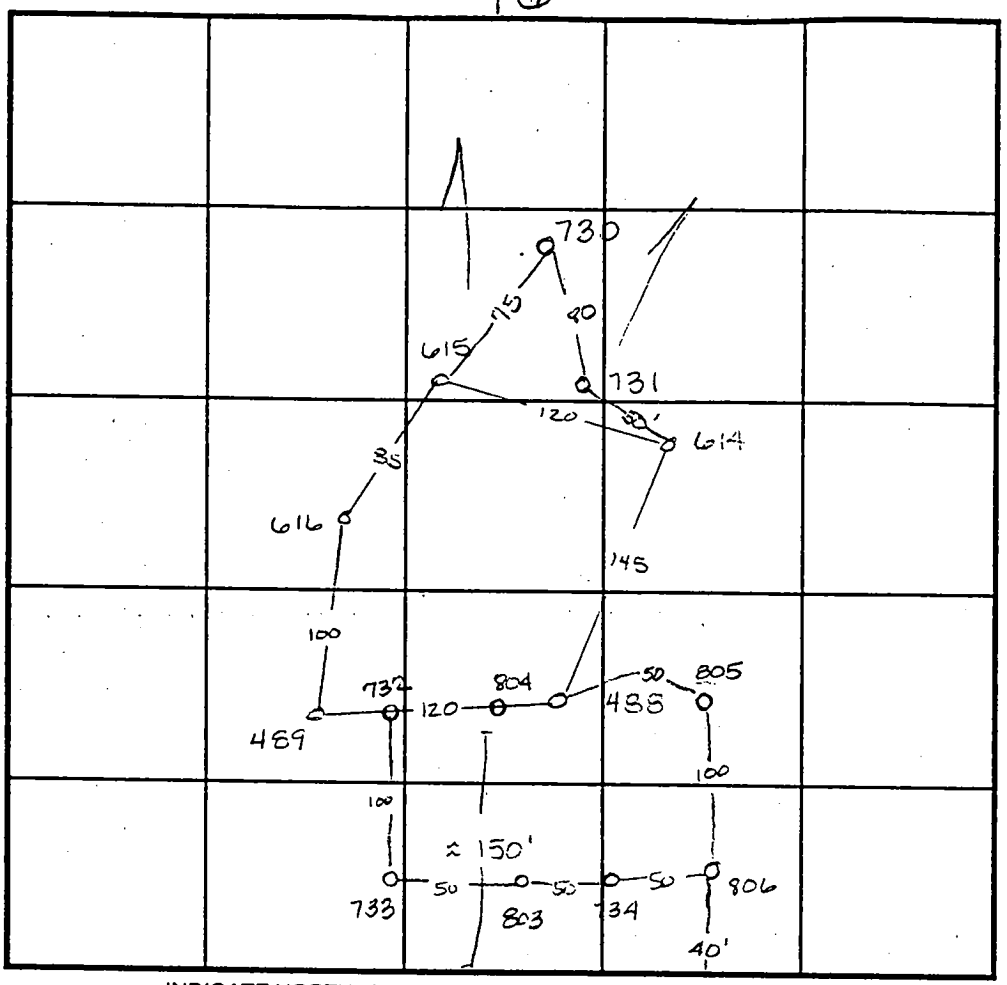
COUNTY #

SOIL PROFILE 489

0'
red orange SaClLm 35% Rx
5.0
40% Rx orange brown SiLm
refusal
9.0

614
beigh to orange SiClLm 10% Rx
3.0
lgt orange SiSaLm 10% Rx
7.0
pocket of 10% rock
8.0
lgt orang SiSaLm 10%
11.0

488
30% Shale beigh SiClLm
3.0
dark orange red SiLm 30% Shale
7.0
40% Rx dark orange SiLm
9.0



SOIL PROFILE 731 730

0'
lgt brn SiClLm
3.5
pink SiLm 20% Shale
12.0

616 615
dark orange SiLm 25-30% Shale through out
10.0

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Hardy Road

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
8-21-96	489	3.5 / 9.0	7:37	7:51 30	>30 min	—	
	489	insufficient	depth	to bedrock			F
	616	3.5 / 10.0	7:44 30	8:01	8:01	8:16	14½ min
	615	3.0 / 11.0	8:46 30	8:53 30	>30	min —	slow
	615	6.5 / 11.0	8:48 30	8:10	>30	min —	slow
	614	3.5 / 11.0	7:41 30	7:50 30	7:50 30	8:02	11½ min
	488	3.0 / 9.0	7:36	7:37	7:37	7:38 30	1½ min
3-10-97	730	Visual to 12.0 - See profile					OK
	731	Visual to 12.0 - See profile					OK

>F

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillen ALSO PRESENT Tim Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH 3.0 SQ. FT/BEDROOM _____

APPLICATION

PERCOLATION TESTING

A _____

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 Lambert Cissel

ADDRESS 3425 Hipsley Mill Road, Woodbine, MD 21797 PHONE (410) 442-5671

PROSPECTIVE BUYER Developer, Land Marketing Consultants, Inc., Timothy W. Feaga

ADDRESS 3243 Bethany Lane, Ellicott City, MD 21042 PHONE (410) 313-8808

PROPERTY LOCATION:

SUBDIVISION Cissel Property LOT NO 3

ROAD AND DESCRIPTION Intersection of Hardy & St. Michael's Road

TAX MAP 7 PARCEL # 394, 4, 341, 144

SIZE OF LOT 1 Acre 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. Willis Lambert Cissel TR
(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

14

COUNTY #

SOIL PROFILE

0' 614

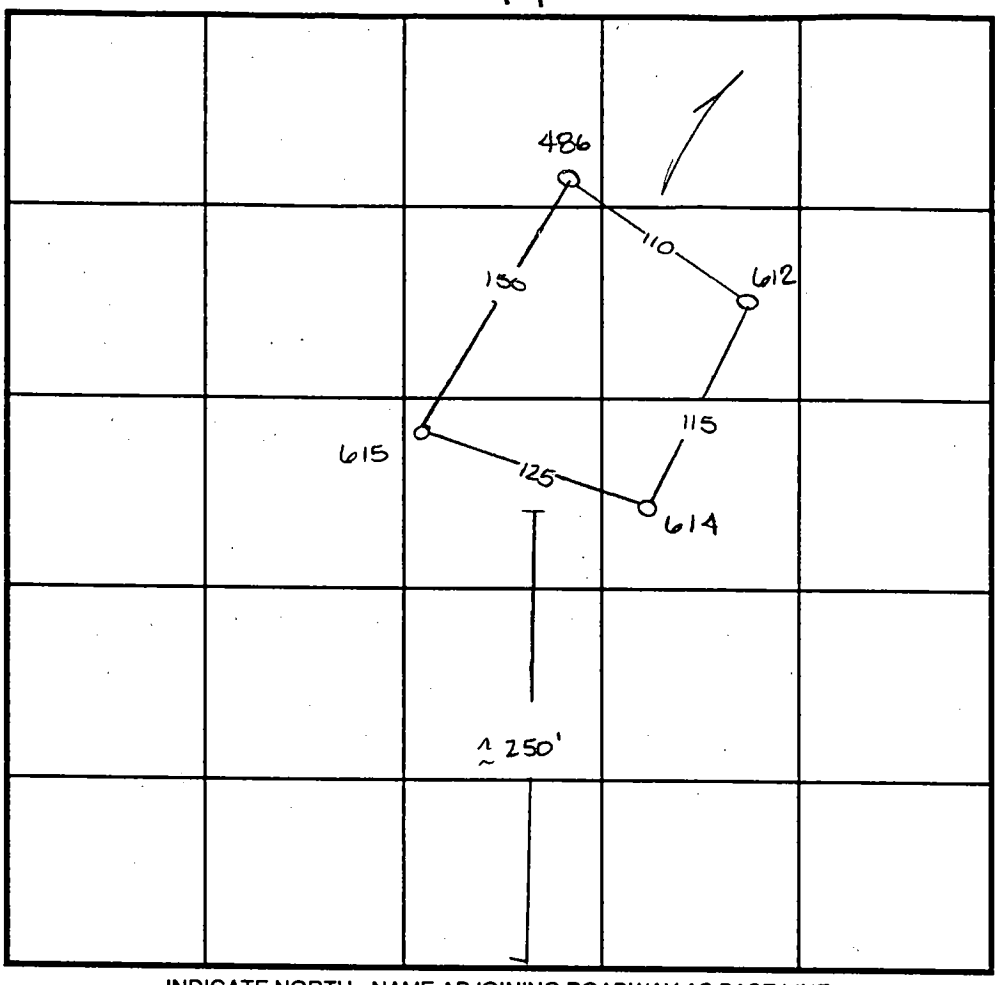
3.0	high to orange siclm
7.0	lgt orange sisalm 10% Rx
8.0	pocket of 40% Rx
11.0	orange sisalm 10% Rx

615

11.0	dark orange silm 25-30% shale through out

612

3.5	dark brown red siclim 30% shale
7.0	red silm 20% shale
11.0	yellow tan silm 20% shale



SOIL PROFILE

0' 486

3.0	lgt orange siclm 15% Rx
12.0	lgt orange salm 25-30% shale saprolite mix

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Hardy Road

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME	
8-21-96	614	3.5 / V11.0	7:41 30	7:50 30	7:50 30	8:02	11½min	
	615	3.0 / V11.0	8:46 30	8:58 30	> 30	min —	slow	>F
	615	6.5 / V11.0	8:48 30	8:10 30	>30	min —	slow	
8-20-96	612	3.0 / V11.0	2:44 30	2:46 30	2:46 30	2:50	3½min	
	486	3.0 / V12.0	8:49 30	8:50 30	8:50 30	8:52 30	2min	

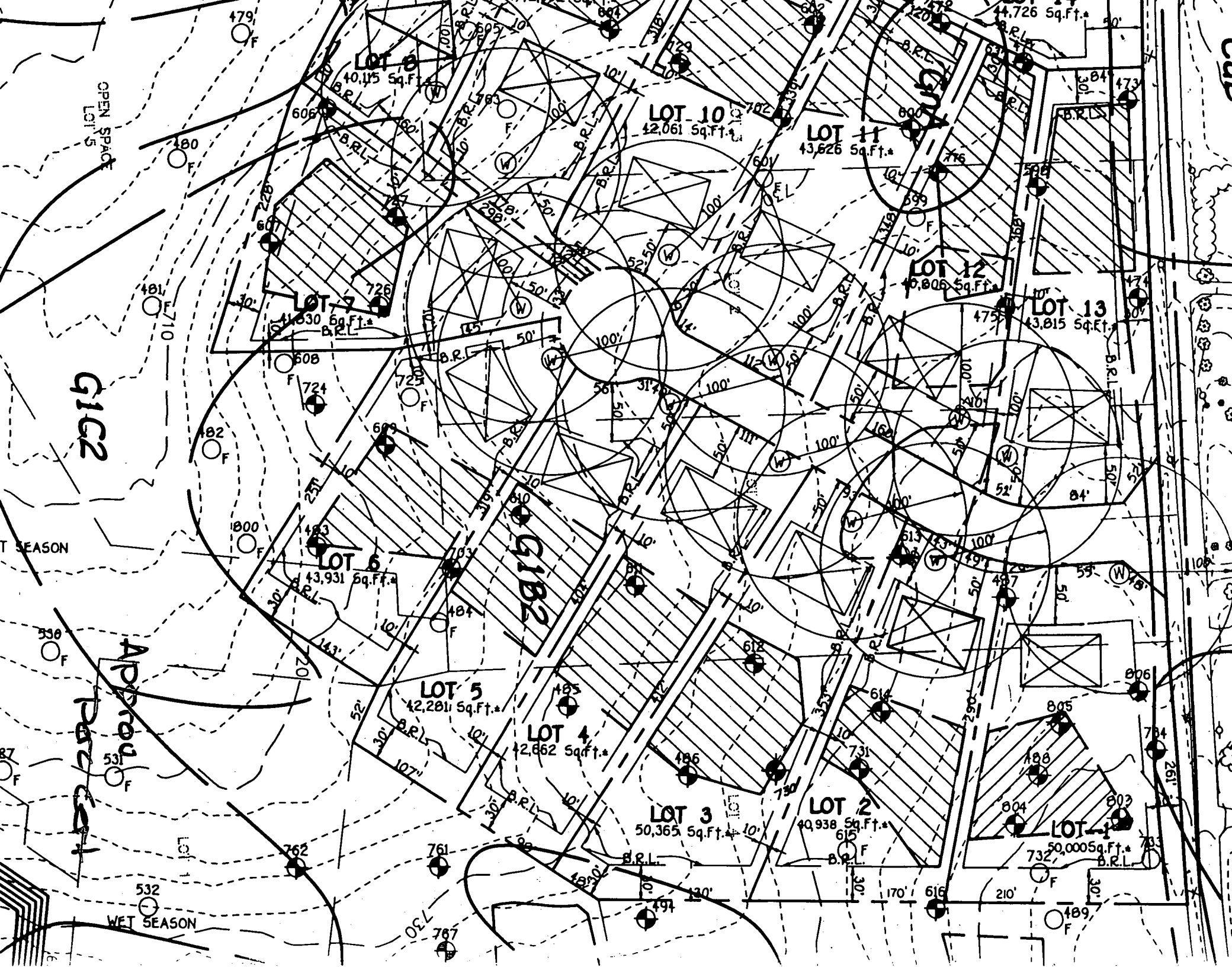
REMARKS

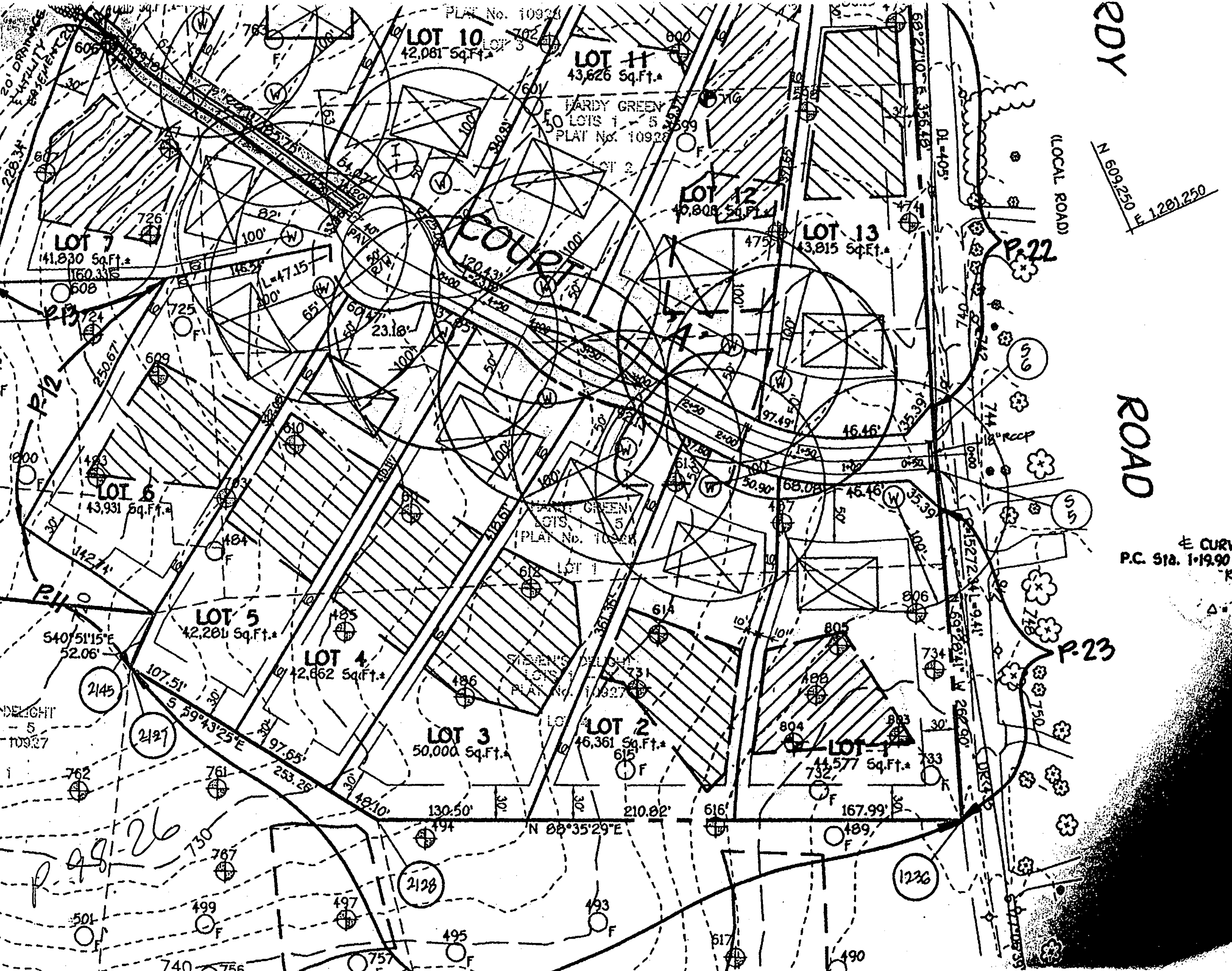
TYPE OF SOIL

TESTED BY Amy McMcMillen ALSO PRESENT Tim Feaga

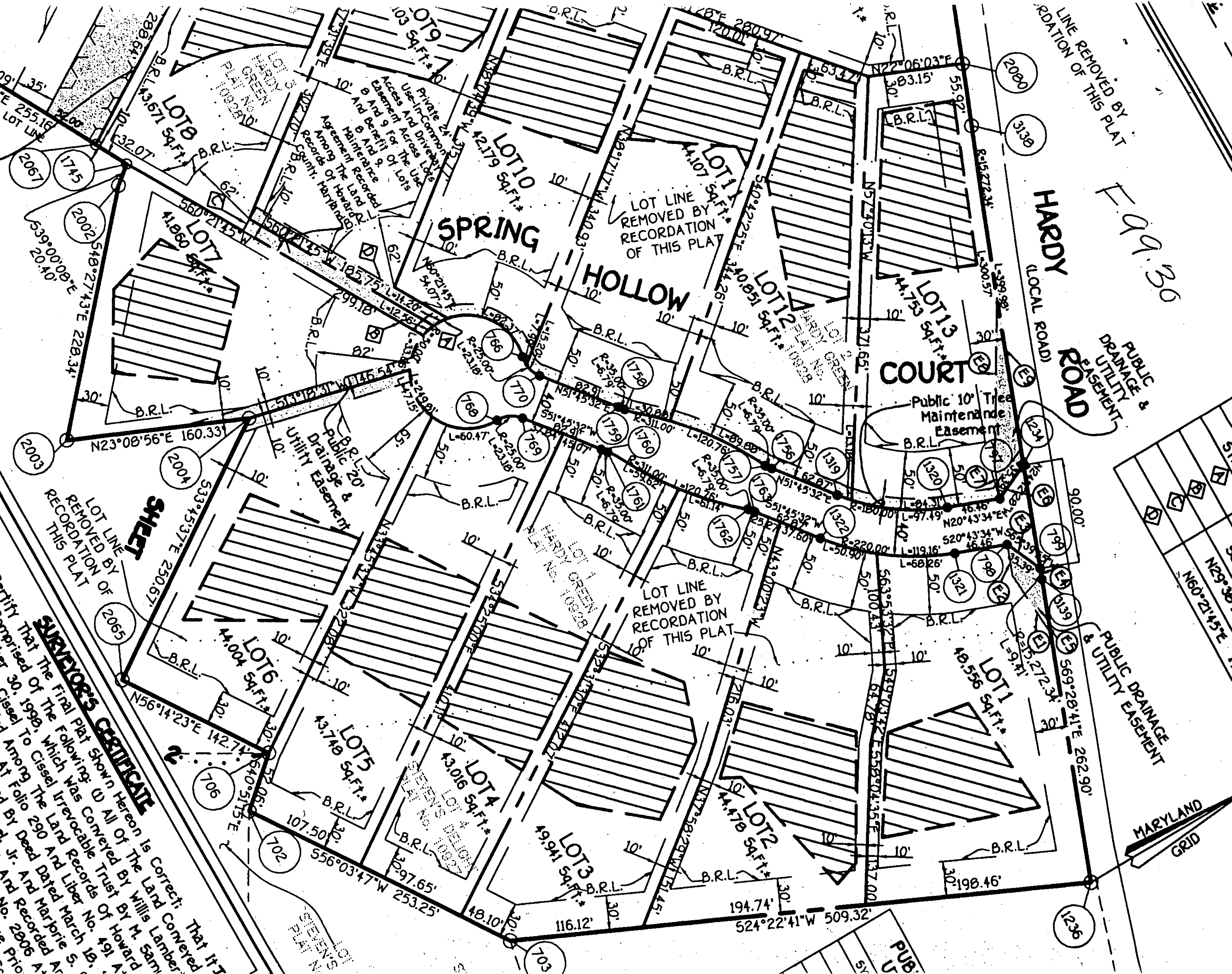
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____


LOT 8
40,115 Sq.Ft.±
LOT 10
42,061 Sq.Ft.±
LOT 11
43,626 Sq.Ft.±
LOT 12
40,806 Sq.Ft.±
LOT 13
43,815 Sq.Ft.±
LOT 7
41,830 Sq.Ft.±
LOT 6
43,931 Sq.Ft.±
LOT 5
42,281 Sq.Ft.±
LOT 4
42,862 Sq.Ft.±
LOT 3
50,365 Sq.Ft.±
LOT 2
40,938 Sq.Ft.±
LOT 1
50,000 Sq.Ft.±
G1C2
G1B2
G1B2
OPEN SPACE LOT 5
WET SEASON
WET SEASON
B.R.L.
F
W



LOT 10
42,081 Sq.Ft.±
LOT 11
43,626 Sq.Ft.±
HARDY GREEN
LOTS 1 - 5
PLAT No. 10928
LOT 12
40,808 Sq.Ft.±
LOT 13
43,815 Sq.Ft.±
LOT 7
41,830 Sq.Ft.±
COURT
LOT 6
43,931 Sq.Ft.±
LOT 5
42,281 Sq.Ft.±
LOT 4
42,662 Sq.Ft.±
LOT 3
50,000 Sq.Ft.±
LOT 2
46,361 Sq.Ft.±
LOT 1
44,577 Sq.Ft.±
(LOCAL ROAD)
ROAD
N 609,250
E 1,281,250
P-22
P-23
P-12
P-13
P-11
S 59°43'25"E
S40°51'15"E
52.06'
N 88°35'29"E
130.50'
210.82'
167.99'
253.26'
107.51'
97.65'
48.10'
20' DRAINAGE & UTILITY EASEMENT
18" RCCP
℄ CURV
P.C. Sta. 1+19.90
2145
2127
2128
1236


SPRING HOLLOW COURT
HARDY ROAD
(LOCAL ROAD)
LOT 1
48,556 Sq.Ft.±
LOT 2
44,478 Sq.Ft.±
LOT 3
49,941 Sq.Ft.±
LOT 4
43,016 Sq.Ft.±
LOT 5
43,748 Sq.Ft.±
LOT 6
44,004 Sq.Ft.±
LOT 7
41,860 Sq.Ft.±
LOT 8
43,671 Sq.Ft.±
LOT 10
42,179 Sq.Ft.±
LOT 11
44,107 Sq.Ft.±
LOT 12
40,851 Sq.Ft.±
LOT 13
44,753 Sq.Ft.±
LOT LINE REMOVED BY RECORDATION OF THIS PLAT
Private 24' Use-In-Common Access And Driveway Easement Across Lots 8 And 9 For The Use And Benefit Of Lots 8 And 9. Maintenance Agreement Recorded Among The Land Records Of Howard County, Maryland.
Public 20' Drainage & Utility Easement
Public 10' Tree Maintenance Easement
PUBLIC DRAINAGE & UTILITY EASEMENT
MARYLAND GRID
SURVEYOR'S CERTIFICATE
S24°22'41"W 509.32'
S56°03'47"W 253.25'
N56°14'23"E 142.74'
N23°08'56"E 160.33'
S33°45'37"E 250.67'
S69°28'41"E 262.90'
S48°27'43"E 228.34'
S60°21'45"W 185.75'
S31°13'31"W 146.54'
N22°06'03"E
F 99.30

A SLAB

FAMILY ROOM

2668 DOOR

12" | 11'-6" | 11'-0" | 11'-10" | 12" | 18'-8"

3"ϕ STEEL PIPE COL. (2) 1 3/4 X 14 LVL OR W8 X 13 BEAM

BULKHEAD ABOVE

3"ϕ STEEL PIPE COL. (3) 1 3/4 X 14 LVL OR W8 X 18 BEAM

MECH. ROOM

SUNKEN FLOOR (8") ABOVE. (STG. ROOM)

2X10 JOISTS @16" OC

SUMP PIT & PUMP

DROP TOP OF BLOCK 8" FOR F.R. DROPPED FLOOR

B

POCKET FOR BEAM FILL TOP 2 COURSES SOLID UNDER EACH END OF BEAM FOR SOLID BEARING.

D

HEAT UNIT

WH

BEAM POCKET (SEE NOTE OTHER END).

INTERIOR PARTITIONS:

- 2x4 SND FLME w/ ½" DRYWALL
- CARPET FLOOR FAMILY/MEDIA ROOM
- CERAMIC FLOOR BATHS.

BULKHEAD ABOVE

(12'X16') IF FINISHED ROOM

2X10 JOISTS @16" OC

CERAMIC FLOOR

MEDIA/THEATRE ROOM

SLOPE DN 2"

A

USE GRADE BEAM @ GARAGE DOORS.

E

CONC. SLAB OR PORCH JOISTS 2X8@16"OC

C

3/22/07 MR

NO BR ADD'N (NO WINDOWS IN MEDIA ROOM FOR BR REQUIREMENTS) OR FOR. 13-B BF

14'-0" | 8" | 6'-8" | 8" | 8" | 1'-0" | 8'-0" | 1'-0" | 8'-0" | 8"

35'-8" | 20'-4"

FOUNDATION PLAN (ELEVATION I) 1/4" = 1'-0"

¼" / FOOT - SCALE

SPRING HOLLOW LOT #3

17109 SPRING HOLLOW COURT

WILLIAM DOUGLAS ASSOCIATES, INC.

10870 GUILFORD RD SUITE 301

B0012132

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
3430 COURT HOUSE DRIVE
ELLICOTT CITY, MD 21043
PERMITS (410)313-2455 INSPECTIONS (410)313-1810
AUTOMATED INFORMATION (410) 313-3800

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER B00129132

Building Address 17109 Spring Hollow Court
Woodbine MD 21797

Suite/Apt. #: - SDP/WP/Petition #: -

Census Tract 6044 Subdivision Spring Hollow

Section - Area _____ Lot 3

Tax Map 7 Parcel 144 Grid 5

Zoning RC-DEO Map Coordinates 7 K 7 Lot size

Existing Use Residential SF Home

Proposed Use Residential Screened Porch / Addition

Estimated Construction Cost $ 10,000

Description of Work ADD FINISH BASEMENT + 1 FULL BATH, MEDIA ROOM & FAMILY ROOM

Property Owner's Name Wm Douglas Associates Association

Address 10320 Guilford Rd Suite 201

City Annapolis Jct State MD Zip Code 20701

Home Phone 301-362-3700 Work Phone -

Applicant's Name & Mailing Address, (if other than stated hereon):

Phone Fax

Contractor Company William Douglas Associates, Inc.

Contact Person Bill Bretting

Address 10320 Guilford Road Suite 201

City Annapolis Jct State MD Zip Code 20701

License No. 120439

Phone 301-362-3700 Fax 301-362-3536

Occupant or Tenant _____

Contact Name _____

Address _____

City _____ State _____ Zip Code _____

Phone Fax

Engineer or Architect Company _____

Contact Person _____

Address _____

City _____ State _____ Zip Code _____

Phone Fax

BUILDING DESCRIPTION - *COMMERCIAL*

Building Characteristics

Height:

No. of stories:

Gross area, sq. ft. per floor:

Use group:

Construction type:
____ Reinforced Concrete
____ Structural Steel
____ Masonry
____ Wood Frame

____ State Certified Modular

Utilities

Water Supply:
____ Public
____ Private

Sewage Disposal:
____ Public
____ Private

Electric Yes ☐ No ☐
Gas Yes ☐ No ☐

Heating System:
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☐

Sprinkler system: N/A ☐
____ Full
____ Partial
____ Other Suppression
____ # of Heads

BUILDING DESCRIPTION - *RESIDENTIAL*

Building Characteristics

SF Dwelling ☑ SF Townhouse ☐

	Depth	Width
1st floor:		
2nd floor:		
Basement:	32	36

Finished Basement ☑ Unfinished Basement ☐
Crawl space ☐ Slab on Grade ☐
No. of Bedrooms -

Multi-family dwellings:
No. of efficiency units: -
No. of 1 BR units: _____
No. of 2 BR units: _____
No. of 3 BR units: _____

Other Structure: _____
Dimensions: _____
Footings: _____
Roof: _____

____ State Certified Modular
____ Manufactured Home

Utilities

Water Supply:
____ Public
✓ Private

Sewage Disposal:
____ Public
✓ Private

Electric Yes ☑ No ☐
Gas Yes ☑ No ☐

Heating System:
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☑

Sprinkler system: N/A ☑
____ NFPA #13D
____ NFPA #13R
____ Other:

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

Applicant's Signature

D. DOUGLAS MILDON
Print Name

VICE PRESIDENT / WM DOUGLAS HOMES
Title/Company

3/22/01.
Date

Checks payable to: *DIRECTOR OF FINANCE OF HOWARD COUNTY*
** PLEASE WRITE NEATLY AND LEGIBLY

- FOR OFFICE USE ONLY -

AGENCY	DATE	SIGNATURE APPROVAL
Land Development, DPZ		
State Highways		
Building Official		
Dev. Engineering, DPZ		
Health	3/22/01	Mark Kefkes
Fire Protection		

Is Sediment Control approval required prior to issuance?
YES ☐ NO ☐

CONTINGENCY CONSTRUCTION START: ☐
ONE STOP SHOP: ☐

DPZ SETBACK INFORMATION
Front: _____
Rear: _____
Side: _____
Side St.: _____
All minimum setbacks met?
YES ☐ NO ☐
Is Entrance Permit required?
YES ☐ NO ☐
Historic District?
YES ☐ NO ☐
Lot Coverage for NewTown Zone _____
SDP/Red-line approval date _____

PROPERTY ID#: 4 41197

Piling fee	$ _____
Permit fee	$ _____
Excise tax	$ _____
Add'l per. fee	$ _____
TOTAL FEES	$ _____
Sub-total paid	$ _____
Balance due	$ _____
Check	# 11851
Validation	# 479724

Accepted by: _____

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

T:\forms\PERMIT.FRM

Rev. 5/17/00

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 ✓ Receipt # _____
Replacement _____ Date _____

Name of Installer Walter W. Wing Plumbing + Heating, Inc. Telephone 301-662-6990

License Number 2217
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber ✓

Name of Property Owner William Douglas Homes Telephone 410-320-7334
Subdivision Spring Hollow Lot # 3 Well Tag # HO - 94 - 2019
Site Address 17109 Spring Hollow Court, Woodbine, MD 21797

Pump
1. Type
   a. Deep well jet _____
   b. Shallow well jet _____
   c. Submersible ✓
2. Make Sta-Rite
3. Model # 5SP4D02HC
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 3450
3. Voltage _____
   a. 110 _____
   b. 220 ✓

Pitless Adapter
1. Make Bosmart
2. Model # P-100-4
3. Depth 42"

Tank
1. Capacity 86 Gal
2. Pressure relief valve? Yes

COMPLETED
5/25/00 BYBB

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

Well data
1. Depth 225 ft.
2. Yield 5 GPM
3. Static water level 195 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: Gerald W. Wing

Date: 1-18-00

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

HD-215

GENERAL NOTES:

THIS PLAT IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INSOFAR AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR RE-FINANCING. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS PLAT IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS PLAT DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINE, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR RE-FINANCING.

2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 240044 0007, EFFECTIVE DATE: DEC. 4, 1986.

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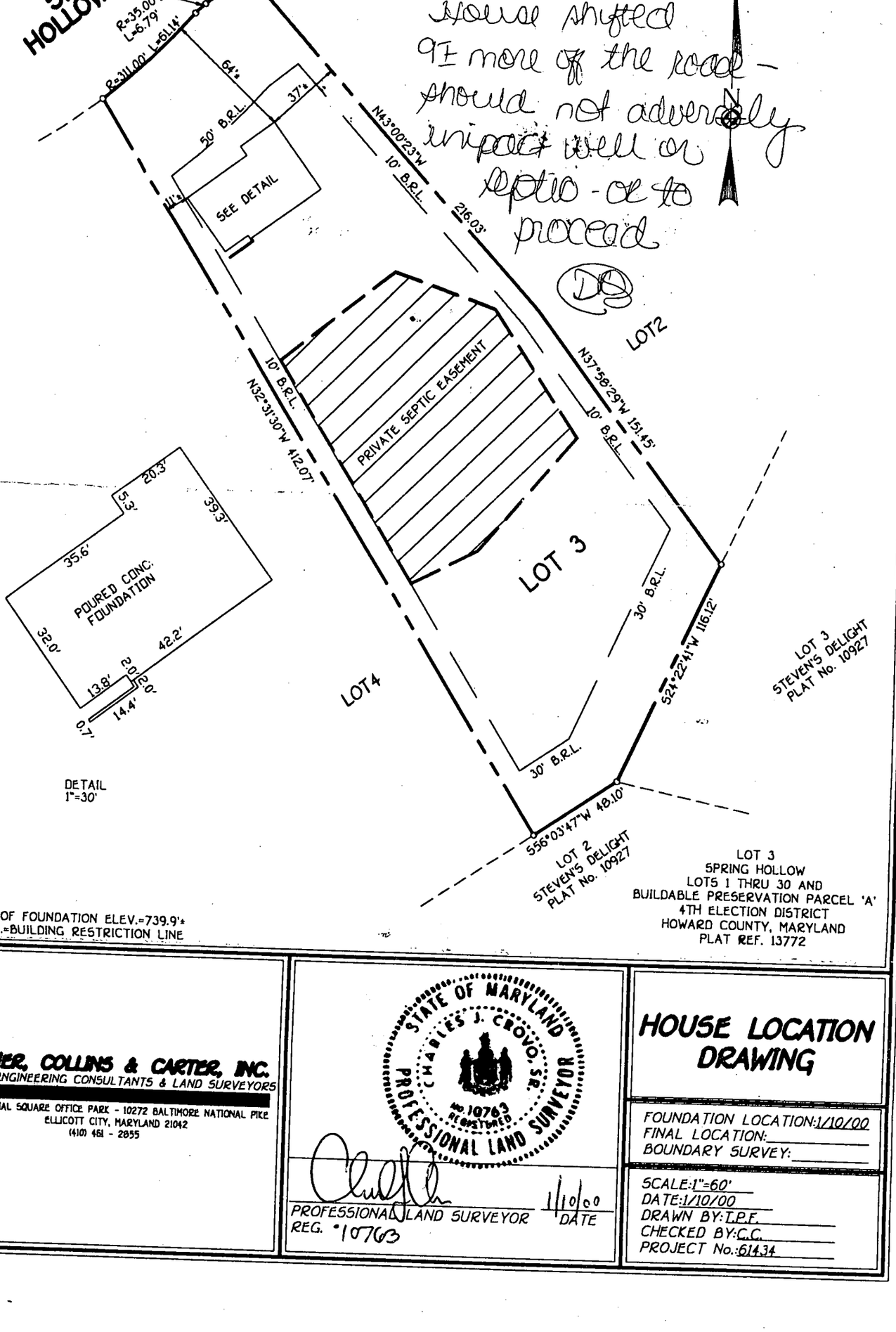


TOP OF FOUNDATION ELEV.=739.9'±
B.R.L.=BUILDING RESTRICTION LINE

LOT 3
SPRING HOLLOW
LOTS 1 THRU 30 AND
BUILDABLE PRESERVATION PARCEL 'A'
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT REF. 13772

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 461 - 2855

FCC •

STATE OF MARYLAND
CHARLES J. CROVO, JR.
No. 10763
REGISTERED
PROFESSIONAL LAND SURVEYOR

PROFESSIONAL LAND SURVEYOR REG. #10763 — 1/10/00 DATE

HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 1/10/00
FINAL LOCATION:
BOUNDARY SURVEY:

SCALE: 1"=60'
DATE: 1/10/00
DRAWN BY: T.P.F.
CHECKED BY: C.C.
PROJECT No.: 61434

applying the full amounts of lime
ndments may be applied as specified below:
ditioner for sites having disturbed
mendments and for sites having disturbed
ng requirements:
originate from, a person or persons that are
compost) by the Maryland Department of the

percent Nitrogen, 1.5 percent Phosphorus, and 0.2
8.0. If compost does not meet these requirements.
to meet the requirements prior to use.
e of 1 ton/1,000 Sq. Ft.
sium Fertilizer applied at the rate of 4 lb./1,000

NIMUM LENGTH FENCE POST.
N A MINIMUM OF 16" INTO

16" MINIMUM HEIGHT OF GEOTEXTILE CLASS F

8" MINIMUM DEPTH IN GROUND

FENCE POST SECTION MINIMUM 20" ABOVE GROUND
UNDISTURBED GROUND
FENCE POST DRIVEN A MINIMUM OF 16" INTO THE GROUND

:055 SECTION

STANDARD SYMBOL
—SF—

:n 16" minimum into the
imum) cut, or 13/4" diameter
dwood. Steel posts will be
00 pond per linear foot.

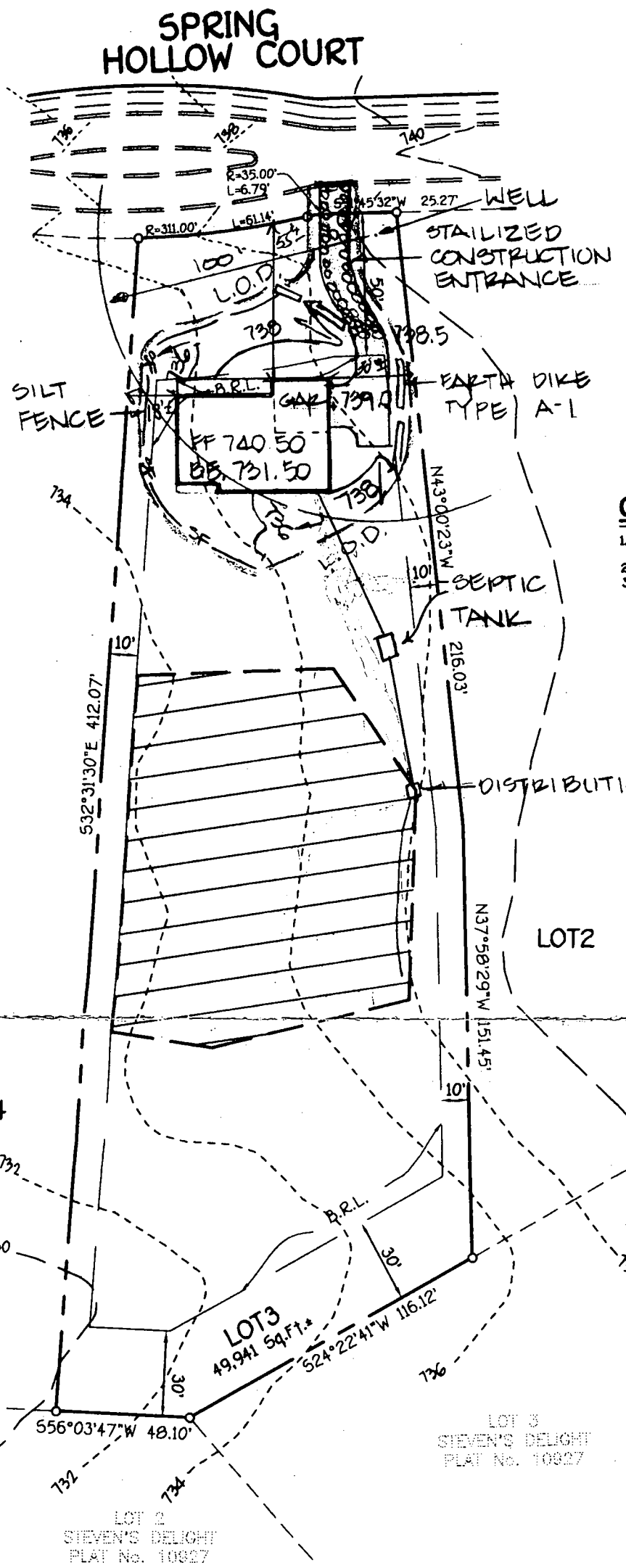
ence post with wire ties
the following requirements

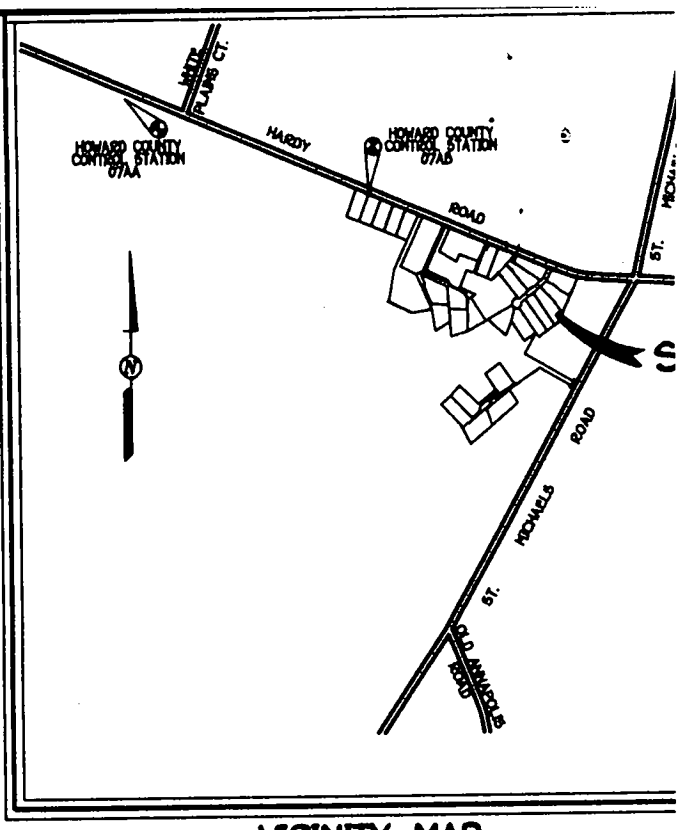
Test: MSMT 509
Test: MSMT 509
(max.) Test: MSMT 322
Test: MSMT 322

, they shall be overlapped,

event and maintained when
d 50% of the fabric height.

=

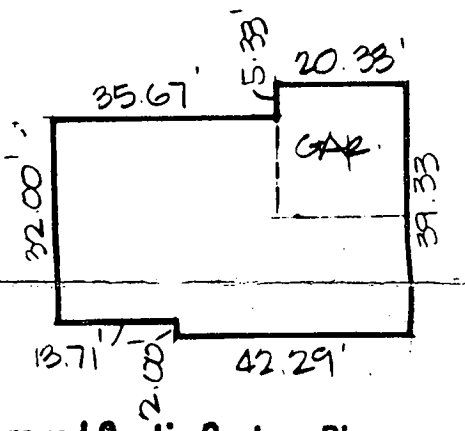




VICINITY MAP
SCALE: 1"=1200'

GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
2. PROPOSED 1500 GALLON SEPTIC TANK.
3. A. FIRST FLOOR ELEVATION: 740.50
   B. BASEMENT ELEVATION: 731.50
   C. INVERT OF SEPTIC SYSTEM AT HOUSE: 736.90
   D. INVERT IN AT SEPTIC TANK: 735.80
   E. INVERT OUT AT SEPTIC TANK: 735.50
   F. PROPOSED GRADE OVER SEPTIC TANK: 737.50
   G. INVERT AT DISTRIBUTION BOX: 735.80
   H. EXISTING GROUND OVER DISTRIBUTION BOX: 738.00
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEC ANY CONSTRUCTION.
6. THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.



Approved Septic System Plan
Howard County Health Department

Signature Date 12/15/99

Total linear feet of trench required 240 **feet**

Width of trench(es) 3 **feet**

Depth of trench(es) 5 **feet**

Depth of stone required below distribution pipe 2 **feet**

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT

LOT 3

SPRING HOLLOW

LOTS 1 THRU 30 AND
BUILDABLE PRESERVATION PARCEL 'A'
ZONED: RC-DEO
Tax Map No. 7 Parcel Nos. 38, 144, 341, 394 And 5
Fourth Election District Howard County, Marylan
SCALE: 1" 50' DATE: NOVEMBER 1999

C 1 | 9812 | SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. ✓

COUNTY NUMBER A57610C

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM 04 DD 16 YY 99

Depth of Well 225 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2019

OWNER Cissel Lambert (last name / first name)

STREET OR RFD Spring Hollow Ct TOWN Poplar Springs

SUBDIVISION Spring Hollow SECTION LOT 3

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 FROM	FEET TO	check if water bearing
Top Soil	0	2	
Brown Shale	2	65	✓
Brown Slate	65	70	
Blue Slate	70	90	
Brown Slate	90	95	✓
Blue Slate	95	225	

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED yes Y / no 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. MSDL16

Parker Mayne
DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. MSDL17

Parker Mayne

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

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) yes Y / no N

TYPE OF GROUTING MATERIAL (Circle one)
CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 20 NO. OF POUNDS 2000

GALLONS OF WATER 120

DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. TOP to 30+ ft. BOTTOM
(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
- ST STEEL
- CO CONCRETE
- PL PLASTIC
- OT OTHER

MAIN CASING TYPE: PL

Nominal diameter top (main) casing (nearest inch): 6

Total depth of main casing (nearest foot): 83

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	to

SCREEN RECORD
screen type or open hole insert appropriate code below
- ST STEEL
- BR BRASS / BRONZE
- PL PLASTIC
- HO OPEN HOLE
- OT OTHER

C 2

EACH SCREEN		DEPTH (nearest ft.)	
1	HO	81	225
2			
3			

SLOT SIZE 1 ____ 2 ____ 3 ____

DIAMETER OF SCREEN ____ (NEAREST INCH)

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

from	to

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) W Q

TELESCOPE CASING ____ LOG INDICATOR ____ OTHER DATA ____

C 3

PUMPING TEST
HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 5.

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 50 ft.

WHEN PUMPING 118 ft.

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. ____

CAPACITY: GALLONS PER MINUTE (to nearest gallon) ____

PUMP HORSE POWER ____

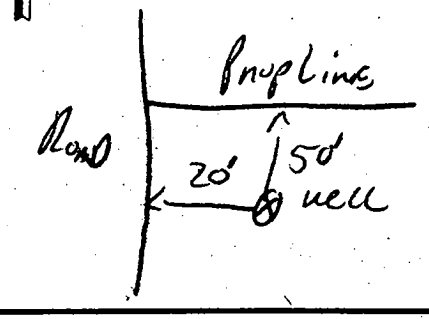
PUMP COLUMN LENGTH (nearest ft.) ____

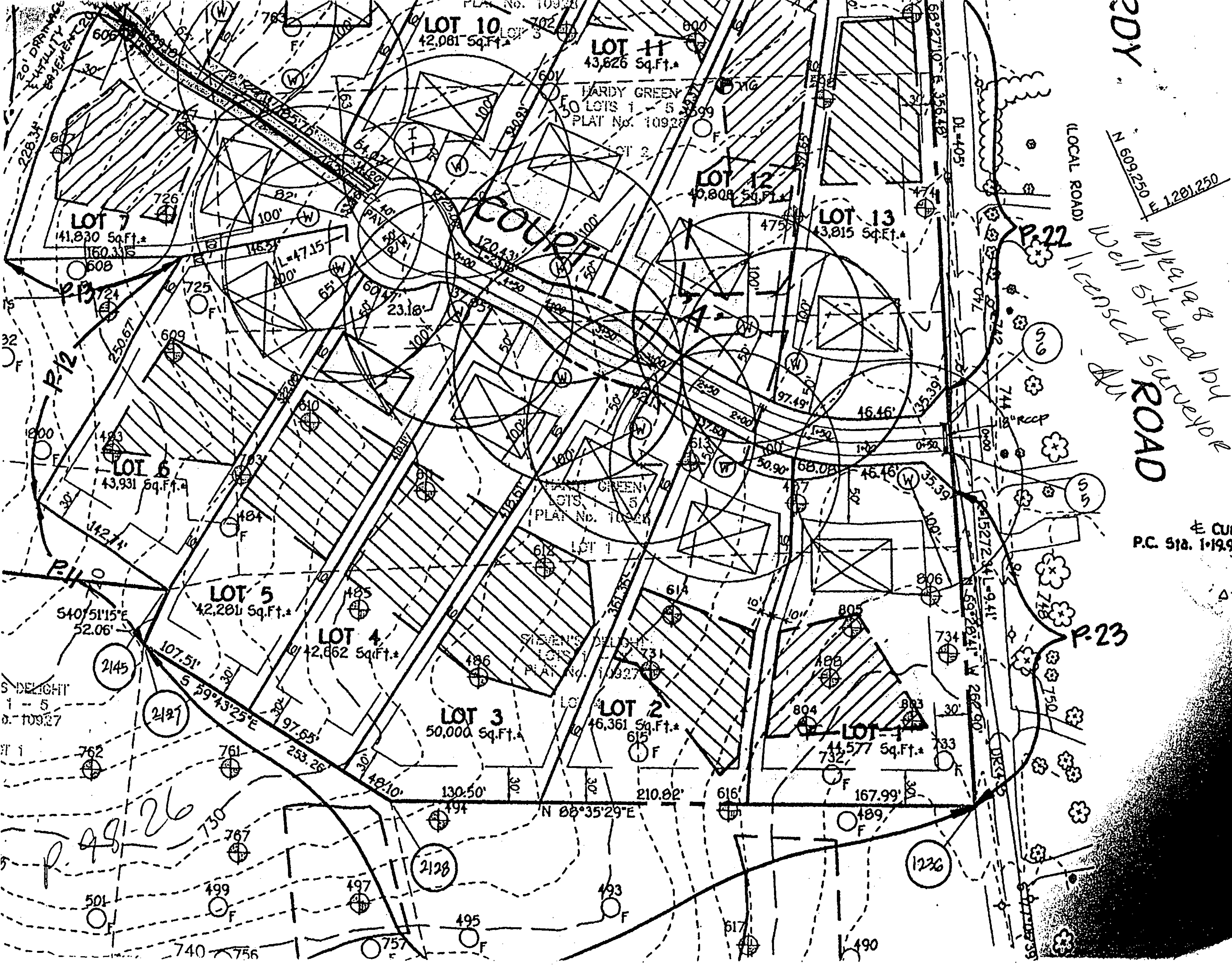
CASING HEIGHT (circle appropriate box and enter casing height)
- + above
- − below

LAND SURFACE

9 (nearest foot)

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)




LOT 10
42,081 Sq.Ft.±
LOT 11
43,626 Sq.Ft.±
HARDY GREEN
LOTS 1 - 5
PLAT No. 10926
LOT 12
40,808 Sq.Ft.±
LOT 13
43,815 Sq.Ft.±
LOT 7
141,830 Sq.Ft.±
COURT
LOT 6
43,931 Sq.Ft.±
LOT 5
42,201 Sq.Ft.±
LOT 4
42,862 Sq.Ft.±
LOT 3
50,000 Sq.Ft.±
LOT 2
46,361 Sq.Ft.±
LOT 1
44,577 Sq.Ft.±
S 59°43'25"E
N 88°35'29"E
S40°51'15"E
52.06'
20' DRAINAGE & UTILITY EASEMENT
(LOCAL ROAD)
ROAD
N 609,250
E 1,281,250
18"RCCP
P-22
P-23
P-12
P-13
P-11
12/22/98
Well staked by licensed surveyor
P. 98-26
℄ CU
P.C. Sta. 1+19.9

Page ____ of ____
Date April 12 1999

Review OR MR 10/19/99

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-2019
Location of property (road) Spring Hollow Ct
Subdivision Spring Hollow Lot 3 Block ____ Plat ____ Sec. ____
Well Driller Ralph Mayne Owner Lambert Cissel

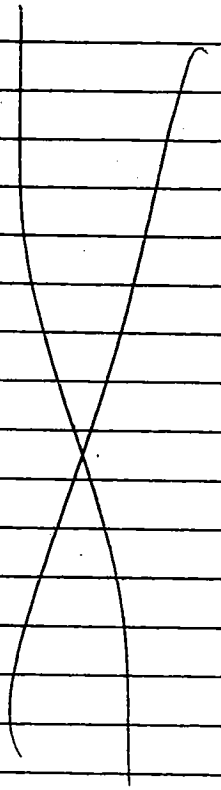
Depth of well 225'
Distance of measuring point (M.P.) above ground 2'
Static water level (S.W.L.) below M.P. 50'

I. *High rate pumping -- reservoir drawdown*

Time pump started 8:30 Pumping rate 12 GPM
Total time 15 min to reach pumping water level 118 ft. below M.P.

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

TIME (in 15 minute intervals	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:45	118'	12 Sec		5 GPM
9:00	118 "	12 Sec		5 GPM
9:15	118 "	12 Sec		5 GPM
9:30	118 "	12 "		5 "
9:45	118 "	12 "		5 "
10:00	118 "	12 "		5 "
10:15	118 "	12 Sec		5 GPM
10:30	118 "	12 Sec		5 GPM
10:45	118 "	12 Sec		5 GPM
11:00	118 "	12 "		5 "
11:15	118 "	12 "		5 "
11:30	118 "	12 Sec		5 GPM
11:45	118 "	12 Sec		5 GPM



HD-224 83 ft Casing 30 ft open 90 BAGS

EMERGENCY/TEMP NO. IF ANY

B 1 | 4723 | SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER: HO-94-2019

fill in this form completely

Date Received (APA): 12/8/98

OWNER INFORMATION

CISSEL Lambert
Last Name Owner First Name

3425 Hipsley Mill Rd.
Street or RFD

Woodbine MD. 21797
Town State Zip

DRILLER INFORMATION

Ralph Mayne MSD 116
Driller's Name License No.

Ralph Mayne well Drilling
Firm Name

9120 Brown Church Rd. Mt Airy
Address

Ralph Mayne 12-5-98
Signature Date

B 2 WELL INFORMATION

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

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

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

APPROXIMATE DEPTH OF WELL: 150 FEET

APPROXIMATE DIAMETER OF WELL: 6" NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN
(AIR-ROTary) AIR-PERcussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary DRive-POINT
other

REPLACEMENT OR DEEPENED 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 DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE)

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER: GAP

PERMIT No. HO-94-2019

B 3 LOCATION OF WELL

Howard COUNTY

Spring Hollow SUBDIVISION

SECTION LOT 3

Poplar Springs NEAREST TOWN

MILES FROM TOWN (enter 0 if in town): I M I

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

NW 8-9 | N 8 | NE 8-9
W 8 | TOWN | E 8
SW 8-9 | S 8 | SE 8-9

Spring Hollow Ct. ~~Steven Delight~~
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH (N) WEST (W) (E) EAST (S) SOUTH

DISTANCE FROM ROAD: 20 ENTER FT OR MI: Ft

TAX MAP: _____ BLK: _____ PARCEL _____

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard Co COUNTY NAME — A57610C COUNTY NO.

STATE SIGNATURE _____ INSERT S →

DATE ISSUED 12/29/98 — A McMull — 12/29/99
DD YY CO SIGNATURE EXP. DATE

NORTH GRID: 548000 EAST GRID: 768000

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

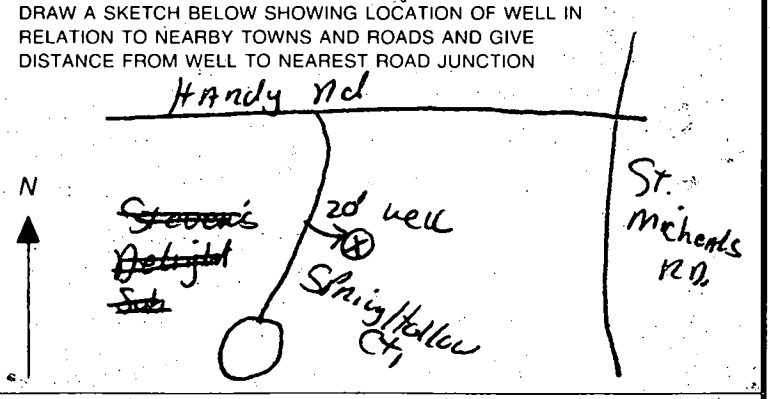
E 768

N 5548

4/16/99 9:30
grout ⊗
no. well

000
000

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
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -

DENV-Permit 97

② COUNTY

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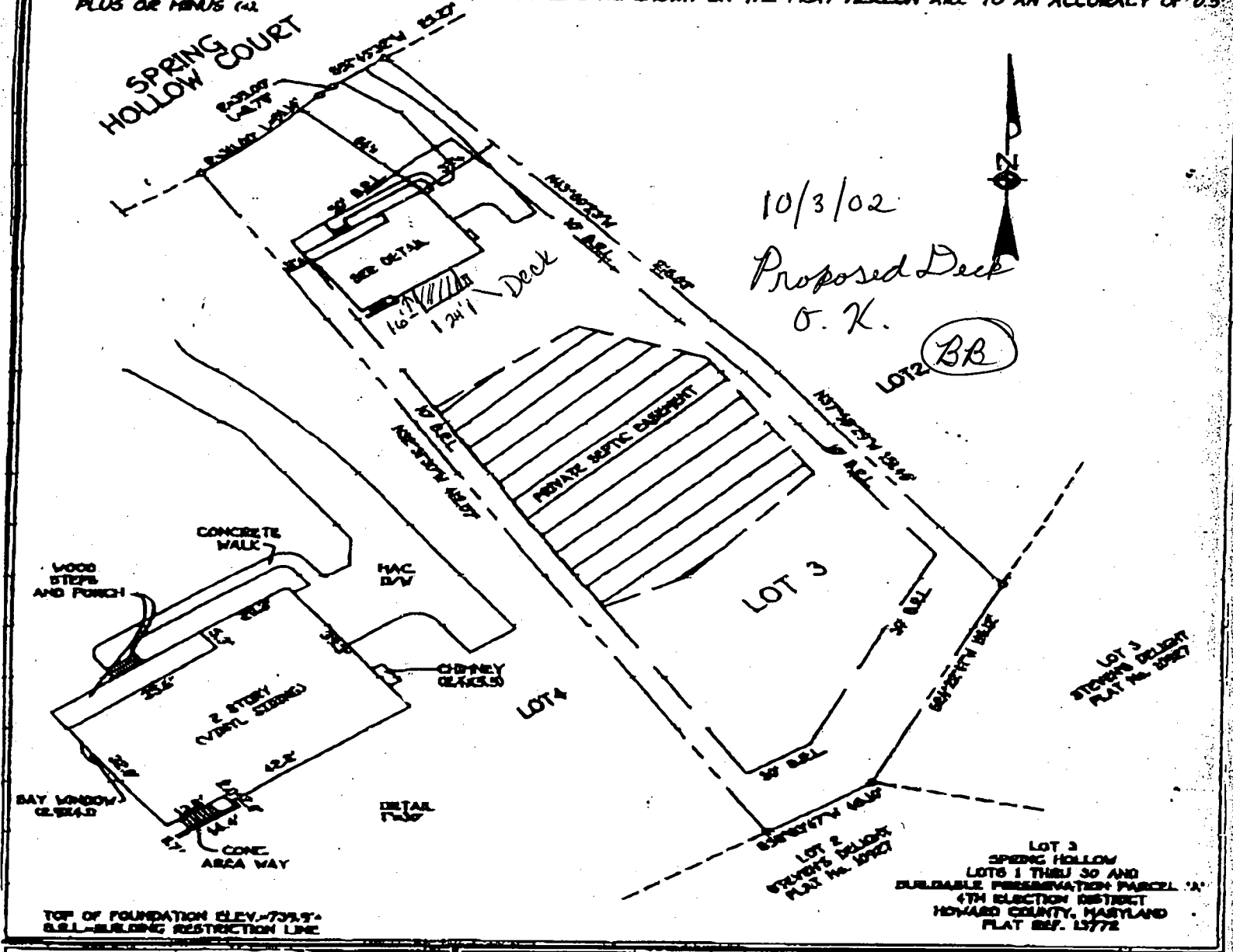

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B.R.L.=BUILDING RESTRICTION LINE

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SPRING HOLLOW
LOTS 1 THRU 30 AND
BUILDABLE PRESERVATION PARCEL 'A'
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT REF. 15772

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - SUITE 340, 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 461-2855

REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF MARYLAND
LINE SURVEYOR

PROFESSIONAL LAND SURVEYOR — DATE 3/12/01
REG. 502

HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 1/18/02
FINAL LOCATION: 3/23/01
BOUNDARY SURVEY: N/A

SCALE: 1"=30'
DATE: 3/12/01
DRAWN BY: J.L.D.
CHECKED BY: F.C.C.
PROJECT No.: 01134

FCC -