

8/18/00  
11:00 & WPI  
8/22/00  
C.O. Anytime  
8/23/00 Anytime

# PERMIT

## SEWAGE DISPOSAL SYSTEM

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

P 514196  
A 49415  
ISSUE DATE 8/17/2000  
APPROVAL DATE 8/23/00

05-421802 INDEXED

J Joseph Gartland, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 1835 W. Old Liberty Road, Westminster, MD 21157 PHONE 410-875-2400

SUBDIVISION Paternal Gift LOT NUMBER 14 ADDRESS 13501 Paternal Gift Drive

PROPERTY OWNER Thomas Napoli PROPERTY OWNER'S ADDRESS 4717 Rainwater Court

SEPTIC TANK CAPACITY 1250 GALLONS Lexington, KY 40515

PUMP CHAMBER CAPACITY N/A GALLONS

NUMBER OF BEDROOMS 5

\*\*\* PRE INSTALLATION INSPECTION REQUIRED TO CONFIRM  
POSSIBILITY OF SEASONABLY HIGH WATER TABLE IN  
LOWER MOST PORTION OF APPROVED SEWAGE DISPOSAL  
AREA \*\*\*

SQUARE FEET PER BEDROOM 210

LINEAR FEET OF TRENCH REQUIRED 280 350

TRENCHES: Trenches to be 2 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth  
8 feet below original grade. 3+ feet of stone below distribution box.

LOCATION: Place the distribution box 80 feet off the right lot line (276.92) and 110 feet  
off the rear lot line (185.04) as viewed from entrance right-of-way. Install trenches  
toward right lot line.

Pre installation inspection required to confirm possibility of seasonally high  
water table in lower-most portion of approved Sewage Disposal Area.

\* If contour allows, keep trenches 7' edge to edge (10' center to center)  
to conserve future septic repair area

PLANS APPROVED Ronald J. Pinkley OK SRU 8/17/00 DATE 4/18/2000

PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS  
ARE NOT ACCEPTABLE

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRAINFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS  
OTHERWISE SPECIFICALLY AUTHORIZED

NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

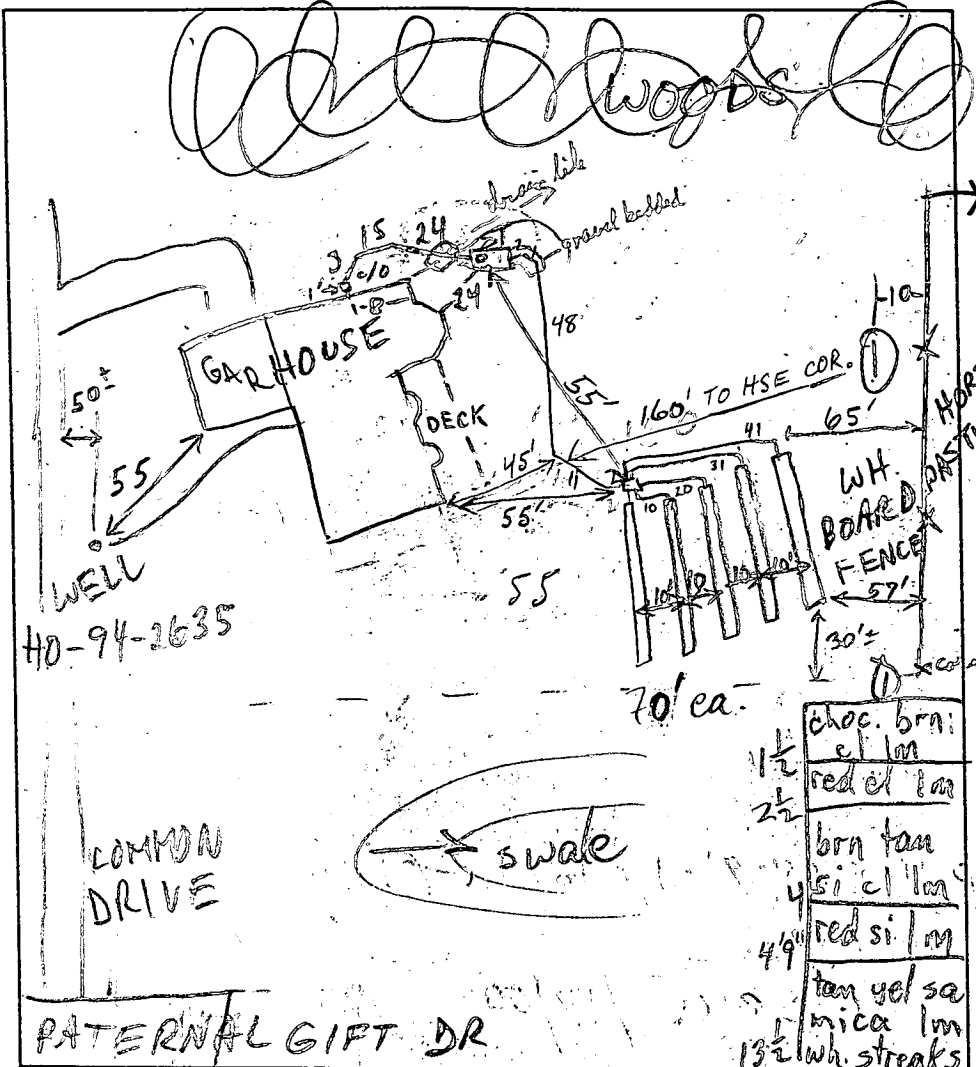
NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC  
PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE  
SUCCESSFUL OPERATION OF ANY SYSTEM  
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

A49415

2  
48 11  
1 1/2

NOT TO SCALE



TRENCH DATA	
TRENCH WIDTH	2
TRENCH INLET DEPTH	4.5
TRENCH BOTTOM DEPTH	8
DEPTH OF STONE	3.5
NUMBER OF TRENCHES	5
TOTAL TRENCH LENGTH	350
ABSORBENT AREA	1225 sq ft
DISTRIBUTION BOX LEVEL	auto loaders
BAFFLE IN DISTRIBUTION BOX	yes

SEPTIC TANK DATA	
SEPTIC TANK	1500 MIDSEAM GALLONS
MANHOLE RISER	—
6 INCH INSPECTION PORT	<input checked="" type="checkbox"/>
PUMP CHAMBER DATA	
PUMP CHAMBER GALLONS	NA
MANHOLE RISER	—
ALARM	—
PUMP PERFORMANCE TEST	—

- 1 1/2" choc. brn el lm
- 2 1/2" red el lm
- 4" brn tan si cl lm
- 4 1/4" red si lm
- tan yel sa mica lm
- 1 3/4" wh streaks

PRE-CONSTRUCTION INSPECTION: 8/18/00 PERC HOLE DUG - OK FOR SWALLOW MR/RP  
10-20% frags damp @ bot.

INSPECTION COMMENTS: 8/18/00 OK TO COVER HOUSE TO TANK (MR)  
8/22/00 #1 OK TO COVER TANK TO BOX, CONTINUE (MR)  
8/22/00 # OK TO COVER FIRST FOUR TRENCHES, FINISH FIFTH (MR)  
last (5th) trench OK to cover, house connection already covered. OK to cover all work. P/P 8/23/00

8/18/00 WPI OK 2-PC CAP & CONDUIT OK (MR) 4' B.G.  
INSPECTOR P. Minkley DATE SYSTEM APPROVED 8/23/00

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: J. Joseph Gartland Inc. Telephone #: 875-2400  
Address: 1835 Walden Road  
West. Md. 21157

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:  
Name (Print): Eric Gartland License# 9193  
The 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: Thomas Nagali Telephone #:  
Subdivision: Paternal Nagali Lot #: 141 Well Tag #: HO-94-2635  
Site Address: 13501 Paternal Gift Dr.

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit  
Make: Grundfos Make: Hercules Two piece watertight cap:   
Model #: 75B07422 Model#: \_\_\_\_\_ Screened, vented well cap: \_\_\_\_\_  
Pump Capacity 7 GPM Depth: 48 (36" min) Cap secured to casing: \_\_\_\_\_  
Well Yield: \_\_\_\_\_ GPM NSF approved: \_\_\_\_\_ Conduit min 18" B.G.: \_\_\_\_\_  
Depth of well encountered at time of pump installation: 300 (feet) Conduit secured to well cap:   
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4  
Torque arrestors or Cable guards are required - Must circle one  
Safety rope, if used, attached to inside of well casing with eye bolt \_\_\_\_\_

Finish to house House Connection  
Type: PVC PVC sleeved to undisturbed soil at wall penetration: 405  
SIL: \_\_\_\_\_ (160 psi min) Approximate length of sleeve: 8'  
Depth of supply line: 25 (36" min) Sleeve caulked and sealed properly: 405

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.

Signature of company representative responsible for installation \_\_\_\_\_ date 11-6-00

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

Date Insp. Requested: 8/18/00 Date Insp. Approved: 8/18/00  
Inspection Data: Pitless adapter and water supply line at least 36" below grade \_\_\_\_\_  
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

OK  
MR  
BB

# APPLICATION

PERCOLATION TESTING

A 49415  
P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_  
DATE 7/7/93

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 SUSAN Scheidt

ADDRESS 12730 HALLS SHOP ROAD HIGHLAND PHONE 531-2326  
MD. 20777

AGENT OR PROSPECTIVE BUYER FISHER COLLINS AND CARTER INC.

ADDRESS 9171 BALTIMORE NATIONAL PIKE SUITE 100 PHONE 461-2855  
ELLICOTT CITY MD. 21042

PROPERTY LOCATION:  
SUBDIVISION PATERNAL GIFT LOT NO. 221 14

ROAD AND DESCRIPTION HALLS SHOP ROAD / 216 & 108

TAX MAP 40 PARCEL # 396, 179 & 90

SIZE OF LOT 1 AC. ± 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. Asch (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 \_\_\_\_\_

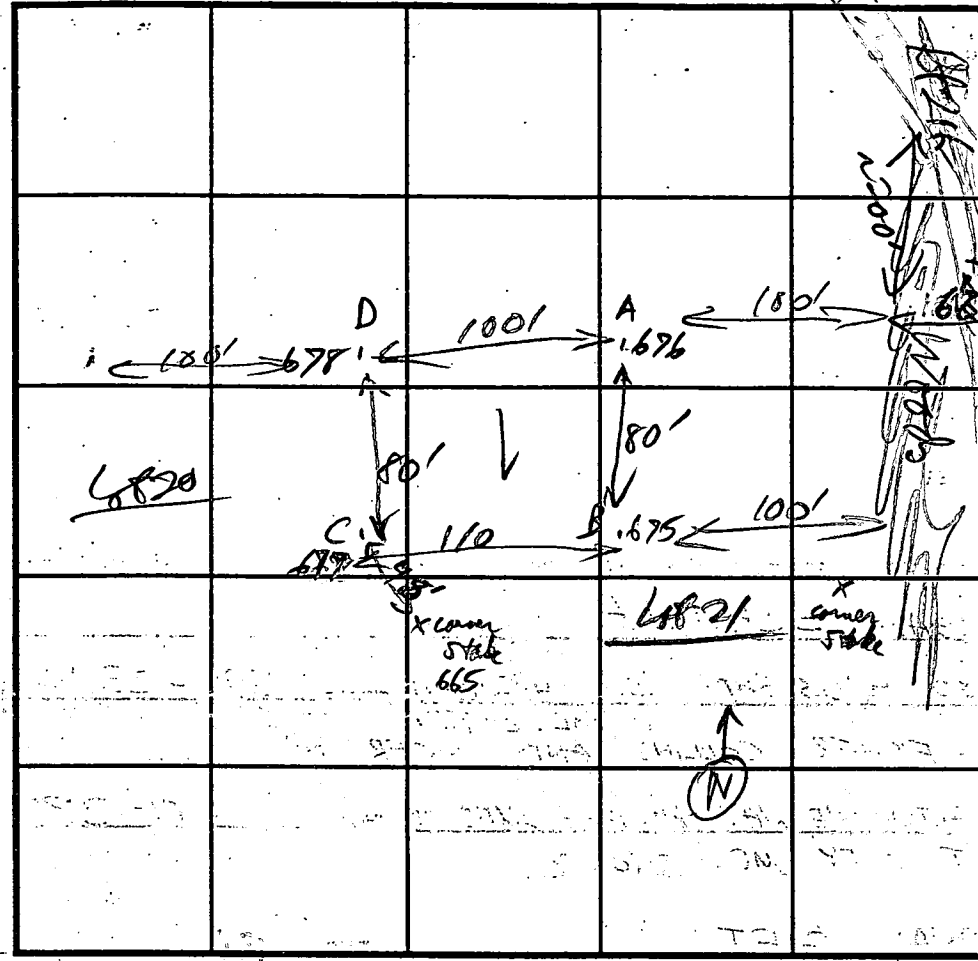
# THIS IS NOT A PERMIT

Lot 21 49415  
COUNTY #

SOIL PROFILE  
0' 676 A  
Red-Red Blm  
clay loam  
4 1/2'  
Red Brn  
silt  
loam  
12

675 B  
Red clay  
5 5/8'  
Brown  
to light  
brown  
silt loam  
13

677 C  
Red clay  
5 1/2'  
mid  
Brn  
to Red Brn  
silt  
loam



SOIL PROFILE  
0' 678 D  
Red clay  
silt loam  
Red hSL  
-SL  
yell Brn  
- thin  
- cream  
loam  
to SL

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
X=11  
210 of BR  
12 1/2 - 6'  
80' x 85'  
(Habitat)

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
7-8-93	676 A	4'	10:35:00	10:40:30	10:40:30	11:07:00	26 min	OK	
		V 12'	profile footer below 5 1/2'						
	675 B	5'	10:39:20	10:39:20	10:39:20	10:41:10	2 min	OK	
		V 13'							
	677 C	5 1/2'	10:44:20	10:55:00	10:55:00	11:08:50	12 1/2 min	OK	
		V 12							
	678 D	5'	10:48:00	10:50:40	11:03:00	11:07:30	4 1/2 min	OK	
		V 12							

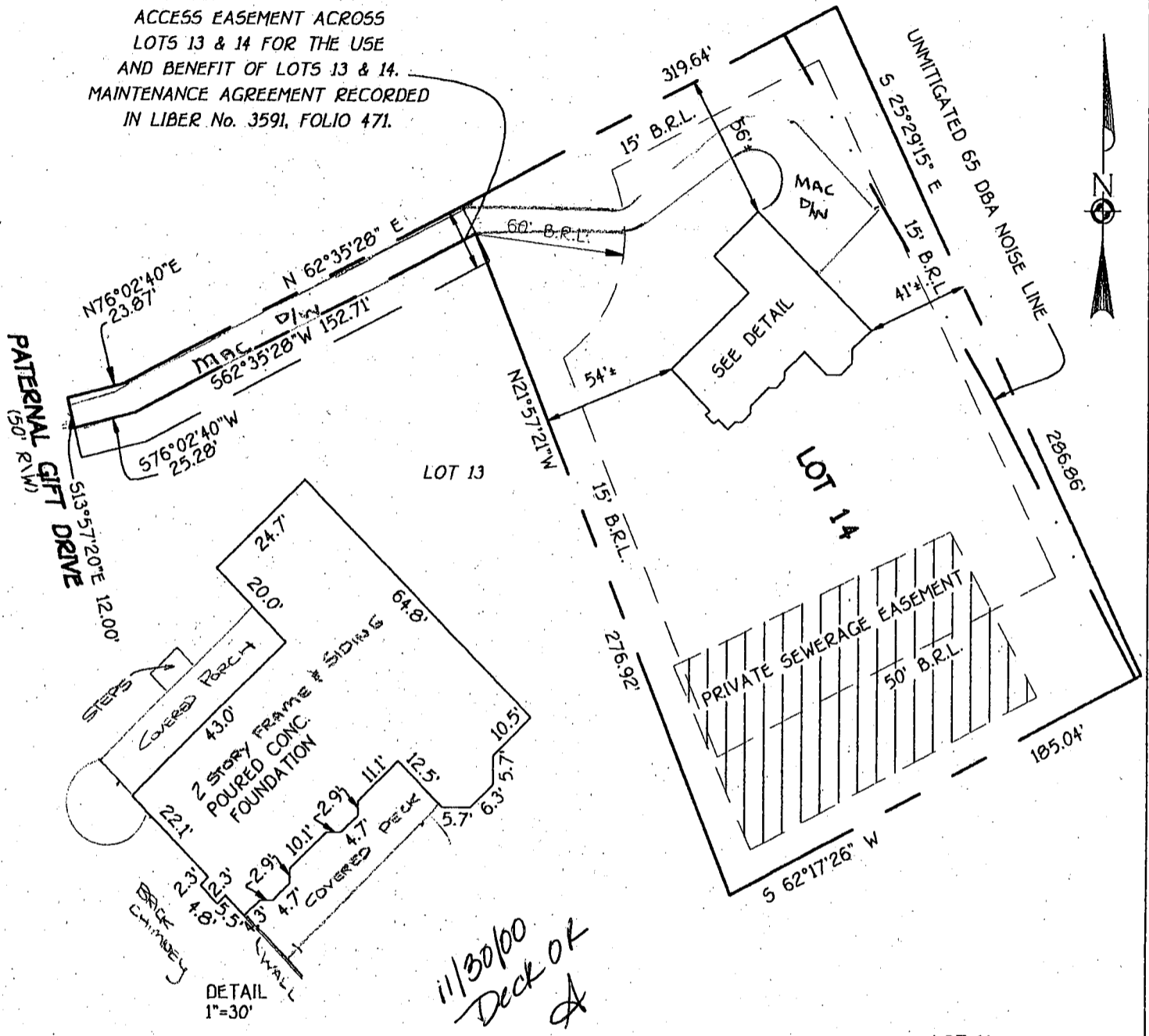
REMARKS \_\_\_\_\_  
TYPE OF SOIL \_\_\_\_\_  
TESTED BY D.P. Kelly ALSO PRESENT Robert & Ruby of Tyrocks  
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 12 mpi TRENCH WIDTH 3'  
INLET DEPTH 6.0 MAXIMUM BOTTOM DEPTH 8.0 SQ. FT./BEDROOM 210

# GENERAL NOTES:

- 1) 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 0037 B, EFFECTIVE DATE: DEC 4, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 1' PLUS OR MINUS (±).

PARCEL 'A'

24' WIDE PRIVATE  
DRIVEWAY USE-IN-COMMON  
ACCESS EASEMENT ACROSS  
LOTS 13 & 14 FOR THE USE  
AND BENEFIT OF LOTS 13 & 14.  
MAINTENANCE AGREEMENT RECORDED  
IN LIBER No. 3591, FOLIO 471.



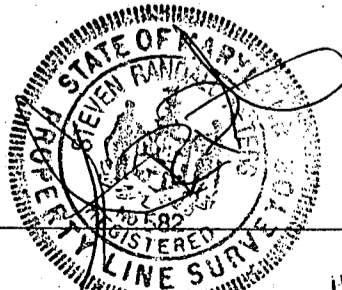
TOP OF BLOCK ELEV.=532.0'  
B.R.L. = BUILDING RESTRICTION LINE

LOT 14  
PATERNAL GIFT FARM  
LOTS 1 - 28  
AND PRESERVATION PARCEL 'A'  
FIFTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
PLAT REFERENCE 11969

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELLCOTT CITY, MARYLAND 21042  
(410) 461-2055

FCC

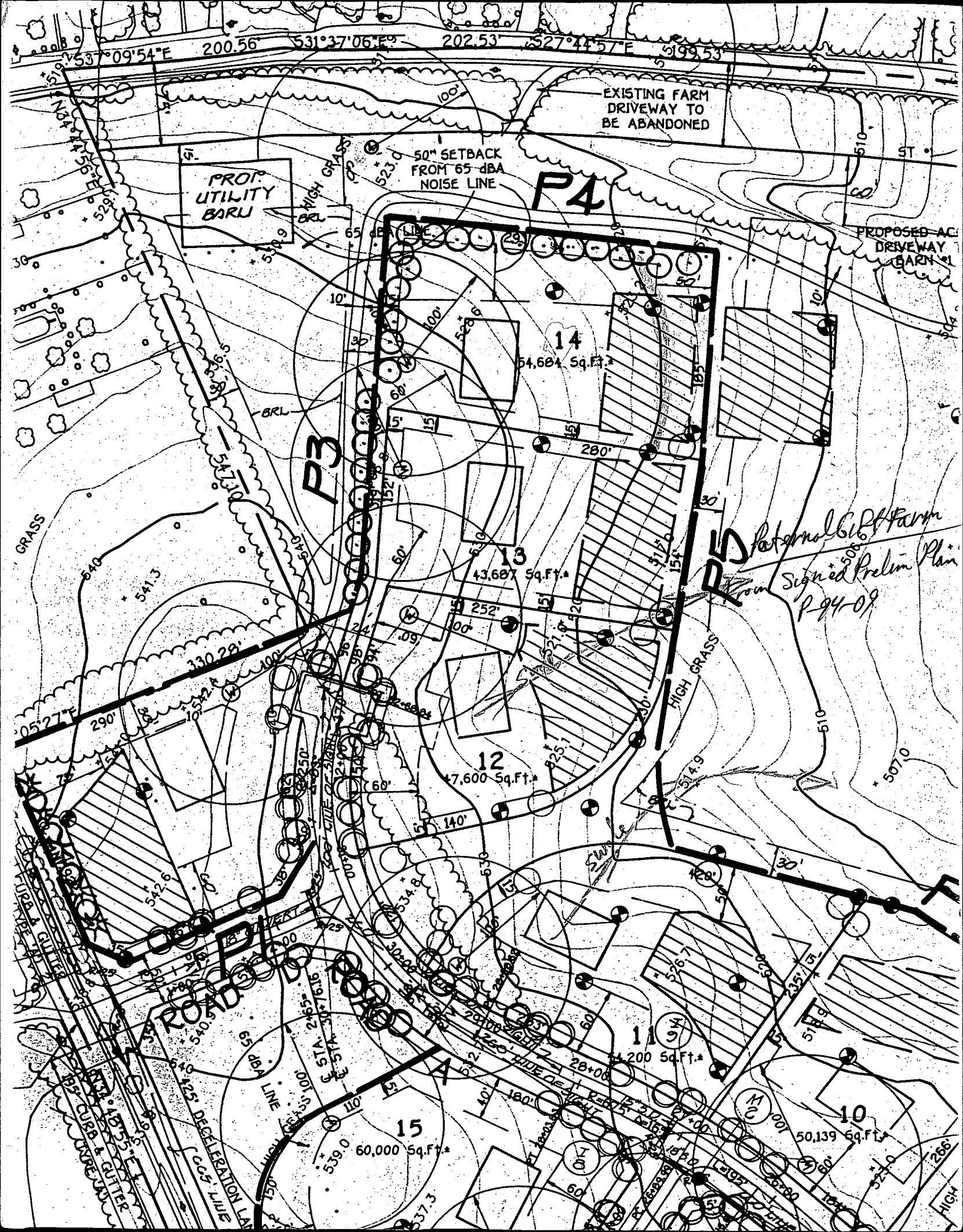


PROFESSIONAL LAND SURVEYOR DATE 11/30/00  
REG. - 582

## HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 5/15/00  
FINAL LOCATION: 11/30/00  
BOUNDARY SURVEY: \_\_\_\_\_

SCALE: 1"=60'  
DATE: 5/16/00  
DRAWN BY: L.P.F.  
CHECKED BY: C.C.  
PROJECT No.: 61507



EXISTING FARM DRIVEWAY TO BE ABANDONED

50' SETBACK FROM 65' dBA NOISE LINE

PROP. UTILITY BARU

PROPOSED AC DRIVEWAY BARN

Potomac Golf Farm  
Signed Prelim Plan  
8-94-09

GRASS

HIGH GRASS

ROAD

125' DECELERATION LANE  
CCCS LANE

15  
60,000 Sq. Ft.

11  
4,200 Sq. Ft.

12  
7,600 Sq. Ft.

13  
43,607 Sq. Ft.

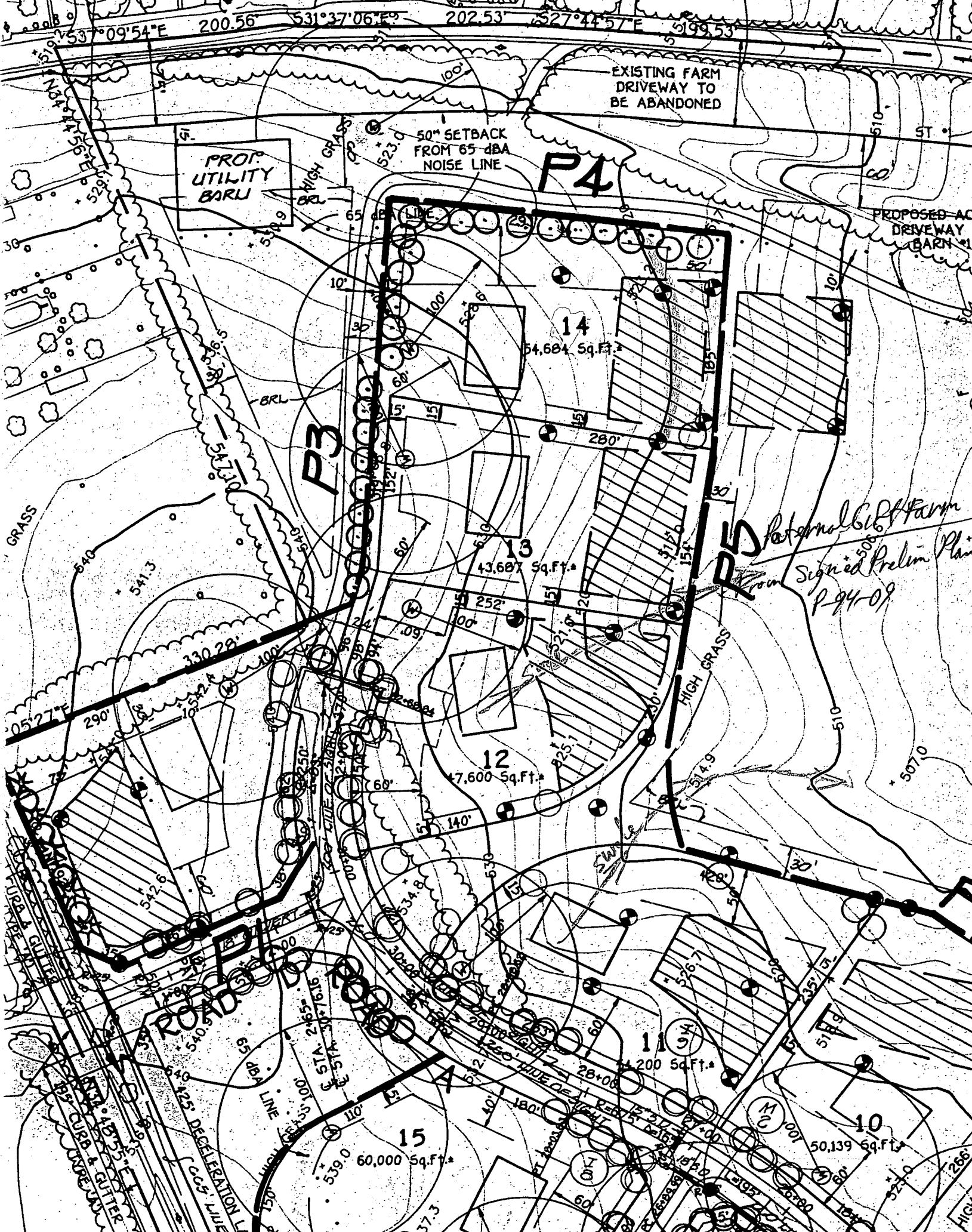
14  
54,684 Sq. Ft.

10  
50,139 Sq. Ft.

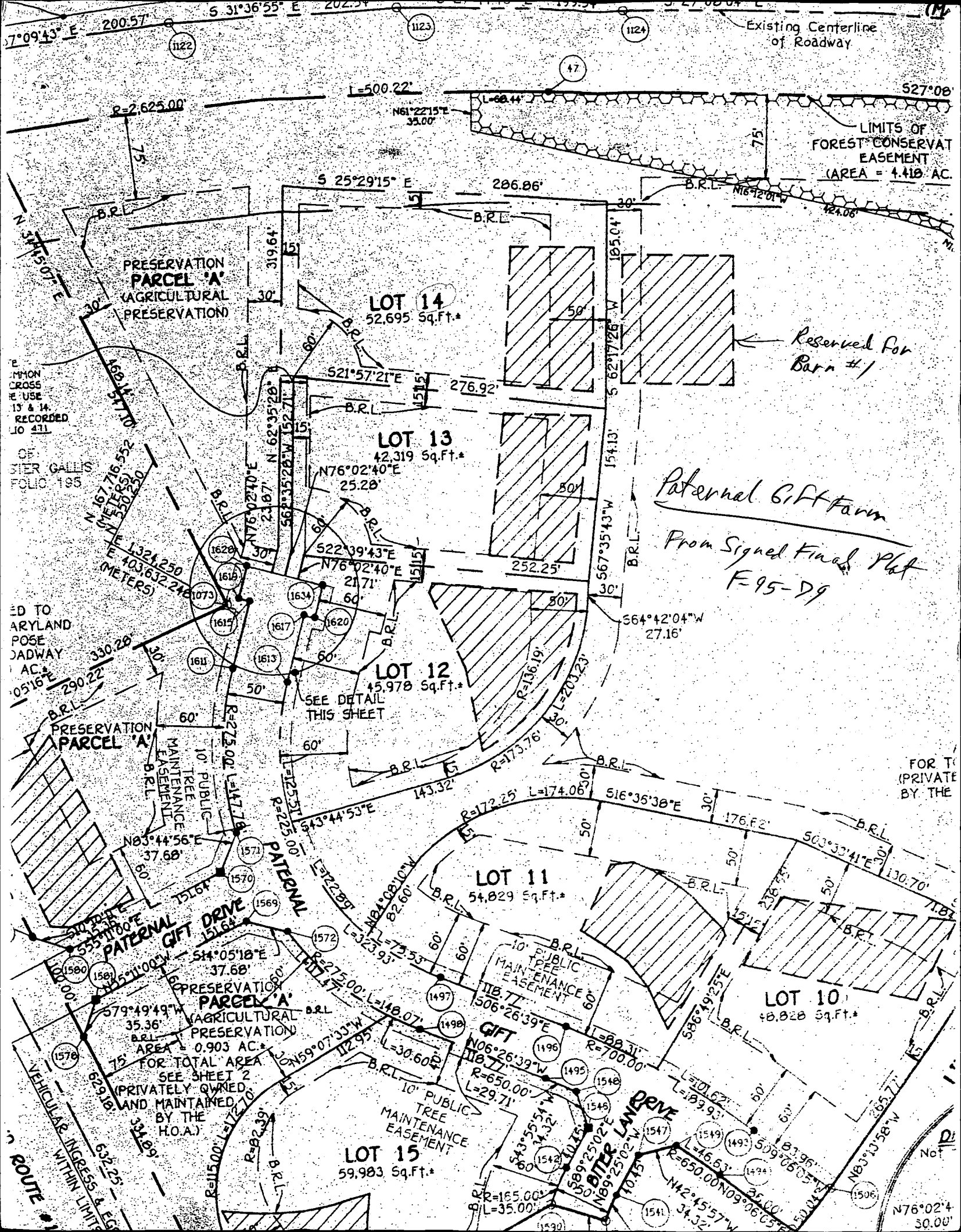
P4

P3

P5



wrote a letter to S.S. for Wed 3/29  
explaining concern about suitability  
of Septic Area after reviewing test  
notes during site inspection. Believe  
it will best serve all interests to  
do a wet season eval in lower part of  
SDA. Now on record reconfigure  
SDA so lower boundary is also at 2  
from original perc holes. Suggest  
eval eval shall also be extended to  
lot 13 & lot 12.  
\* 4/12 See Letter to S.S. & Memo to H. 4/12 M/P/PC/W/S  
C/S



7°09'43" E 200.57'

1122

1124

47

Existing Centerline of Roadway

527°08'

LIMITS OF FOREST CONSERVATION EASEMENT (AREA = 4.418 AC.)

R=2,625.00

75'

L=500.22'

N61°22'15" E 35.00'

L=68.44'

75'

S 25°29'15" E 286.86'

B.R.L.

30'

B.R.L.

521°57'21" E 276.92'

30'

B.R.L.

319.64'

30'

B.R.L.

522°39'43" E 252.25'

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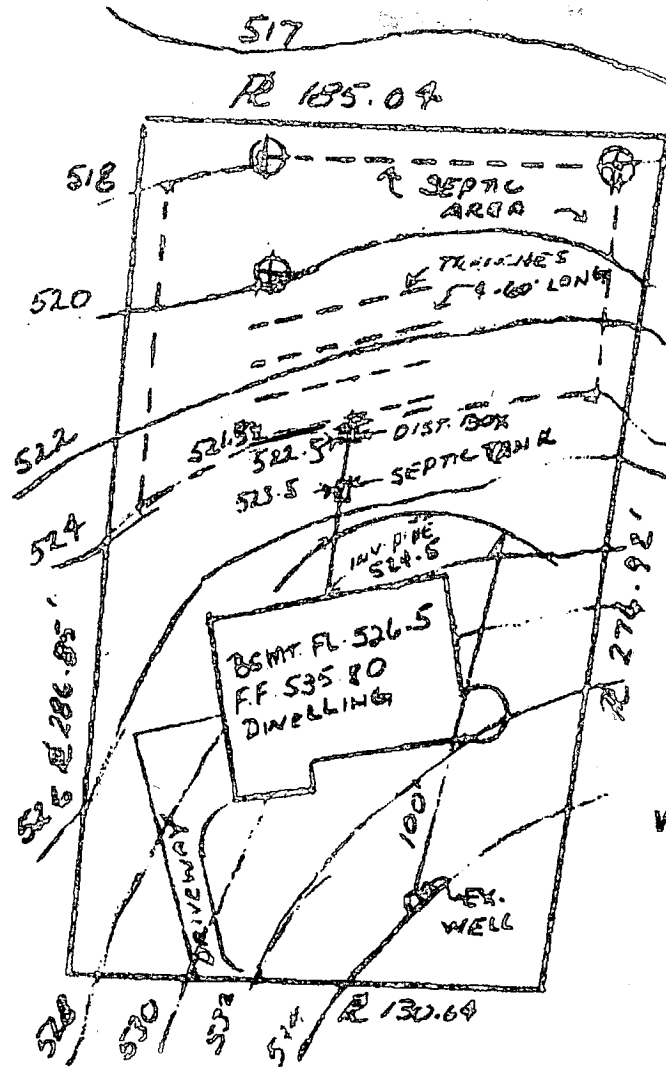
1122

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T. ALP      Poternd Gift      PJP  
3/28/00      Site Problem

Concerns of Water Tables - lots  
were approved - SDA's moved. Halfway  
down slope of area's perched  
Soil suggest they have water at 7-10ft  
depth in wettest seasons (based on table in  
knowledge not available then).  
Main Concern is lot #12 approved  
to a triangular SDA and a swale bisecting  
it. - What can we do now to  
Mitigate Septic System design repercussions.  
I suggest a border well in portion of SDA  
in Swale.

Building permit application No. B00122993



Revised  
Proposed septic layout for  
Lot # 14 Paternal Gift Sub.

\*Scale = 1' = 50'

Note: This is a Reduced Copy - Scale is incorrect

Elevations:

Top of Bsmt. Fl. 526.5

Inv. pipe under Fl. 524.5

top of septic tank 523.5

top of distr. box 522.5

top of 1st trench 521.00 OK but

adjustment to begin @ 54 ft R6. = 518.5 RFP 4/18/00

Adjustment to Septic Area Accepted as shown hand drawn 4/18/00

well is existing

Plans updated to 5 bedroom @ *builder's* request. 8/14/00

Note: Plans Not to Scale.

Paternal Gift Drive

Geoffrey Forbes, Ltd.

tel.# 410 517 2776

tel. 410 861 8565

I released B/L based on this plan but they are to follow up with a plan to scale (so I can write specs correctly) (and to accurately determine well check) and I suggest home corner measurement useful letter when well check needed. RFP 4/18/00

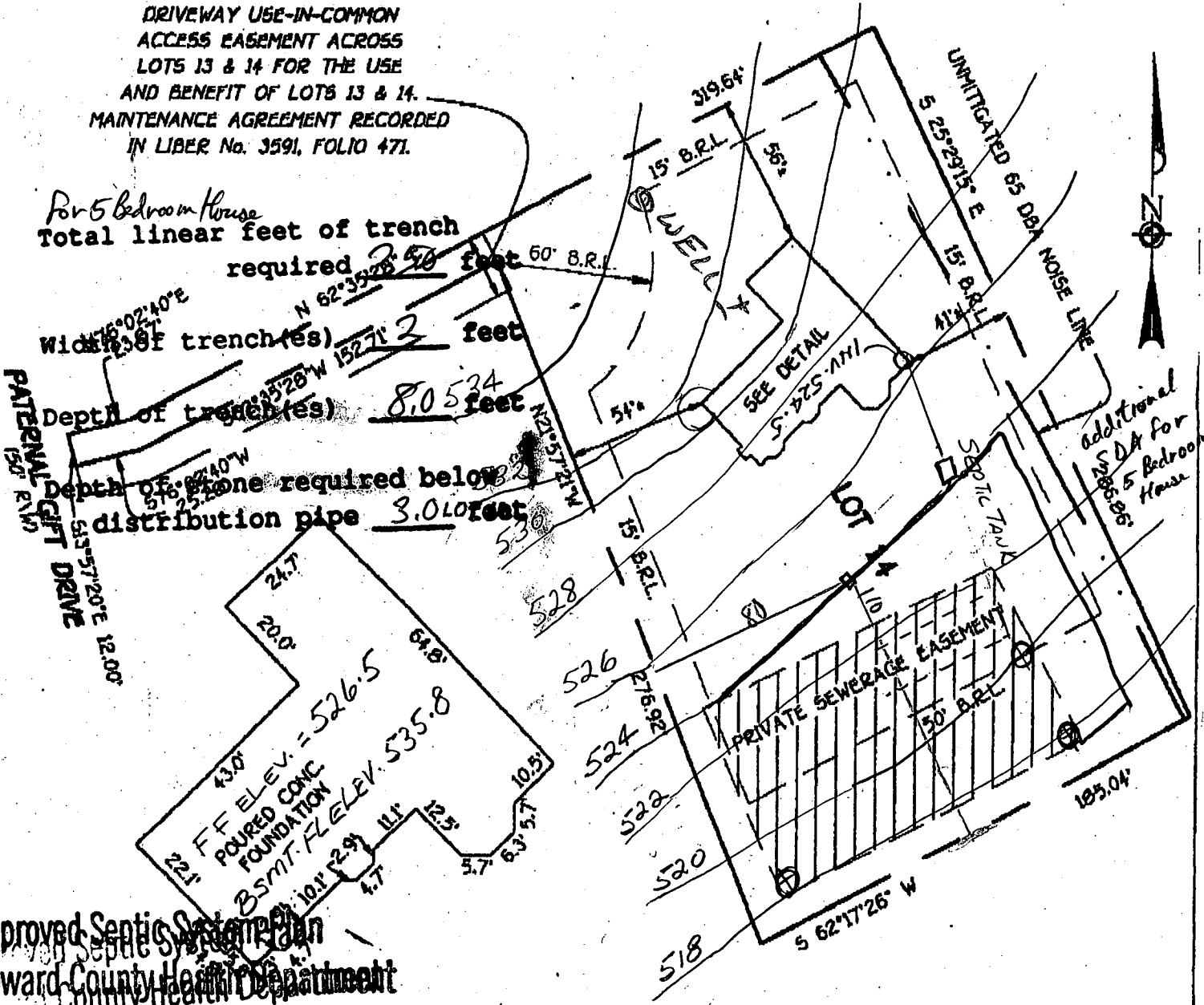
**GENERAL NOTES:**

*13501 Potomac Gift Dr.*

- 1) 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 0037 B, EFFECTIVE DATE: DEC. 4, 1986
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 1' PLUS OR MINUS (±).

PARCEL 'A'

24' WIDE PRIVATE DRIVEWAY USE-IN-COMMON ACCESS EASEMENT ACROSS LOTS 13 & 14 FOR THE USE AND BENEFIT OF LOTS 13 & 14. MAINTENANCE AGREEMENT RECORDED IN LIBER No. 3591, FOLIO 471.



*David Kelly*  
Signature

*8/14/00*  
Date

*Revised BPP for 5 Bedroom Design approved 8/14/00*

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
CULICOTT CITY, MARYLAND 21042  
4101 161 - 2955

FCC -

STATE OF MARYLAND  
CHARLES J. CROV, SR.  
PROFESSIONAL LAND SURVEYOR  
No. 10763  
REG. 1985

*Charles J. Crov, Sr.*  
PROFESSIONAL LAND SURVEYOR  
REG. 10703

*5/15/00*  
DATE

**HOUSE LOCATION DRAWING**

FOUNDATION LOCATION: 5/13/00  
FINAL LOCATION: \_\_\_\_\_  
BOUNDARY SURVEY: \_\_\_\_\_

SCALE: 1"=60'  
DATE: 5/16/00  
DRAWN BY: T.B.F.  
CHECKED BY: C.C.  
PROJECT No.: 61507

07694

SEQUENCE NO (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER A49415

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 04/14/00

DEPTH OF WELL 400

PERMIT NO. FROM PERMIT TO DRILL WELL: HO-94-2635

OWNER Scheidt Susan STREET OR RFD Paternal Gift Farm Drive TOWN Highland SUBDIVISION Paternal Gift Farm SECTION LOT 14

WELL LOG Not required for driven wells

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Topsoil, Sandy Clay, Sandstone, Granite, etc.

GROUTING RECORD YES NO (Y) (N)

WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 27 NO. OF POUNDS 2700 GALLONS OF WATER 162 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 68 ft.

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) 84

OTHER CASING (if used) diameter inch depth (feet) from to

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

DEPTH (nearest ft.) 400 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 from to

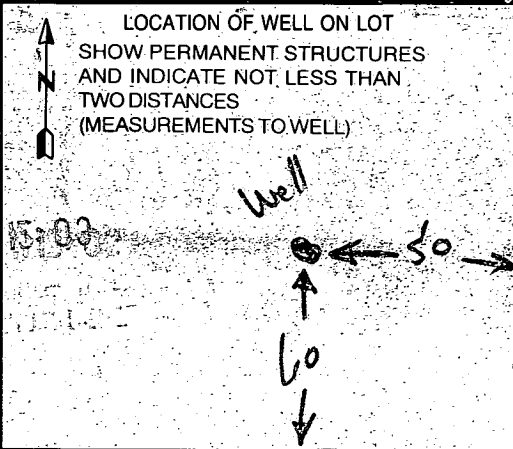
GRAVEL-PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 15 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 41 ft. WHEN PUMPING 95 ft. TYPE OF PUMP USED (for test) (S) submersible

PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES or 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) 31 PUMP HORSE POWER 37 PUMP COLUMN LENGTH (nearest ft.) 41 CASING HEIGHT (circle appropriate box and enter casing height) (+) above LAND SURFACE (-) below 2 (nearest foot)

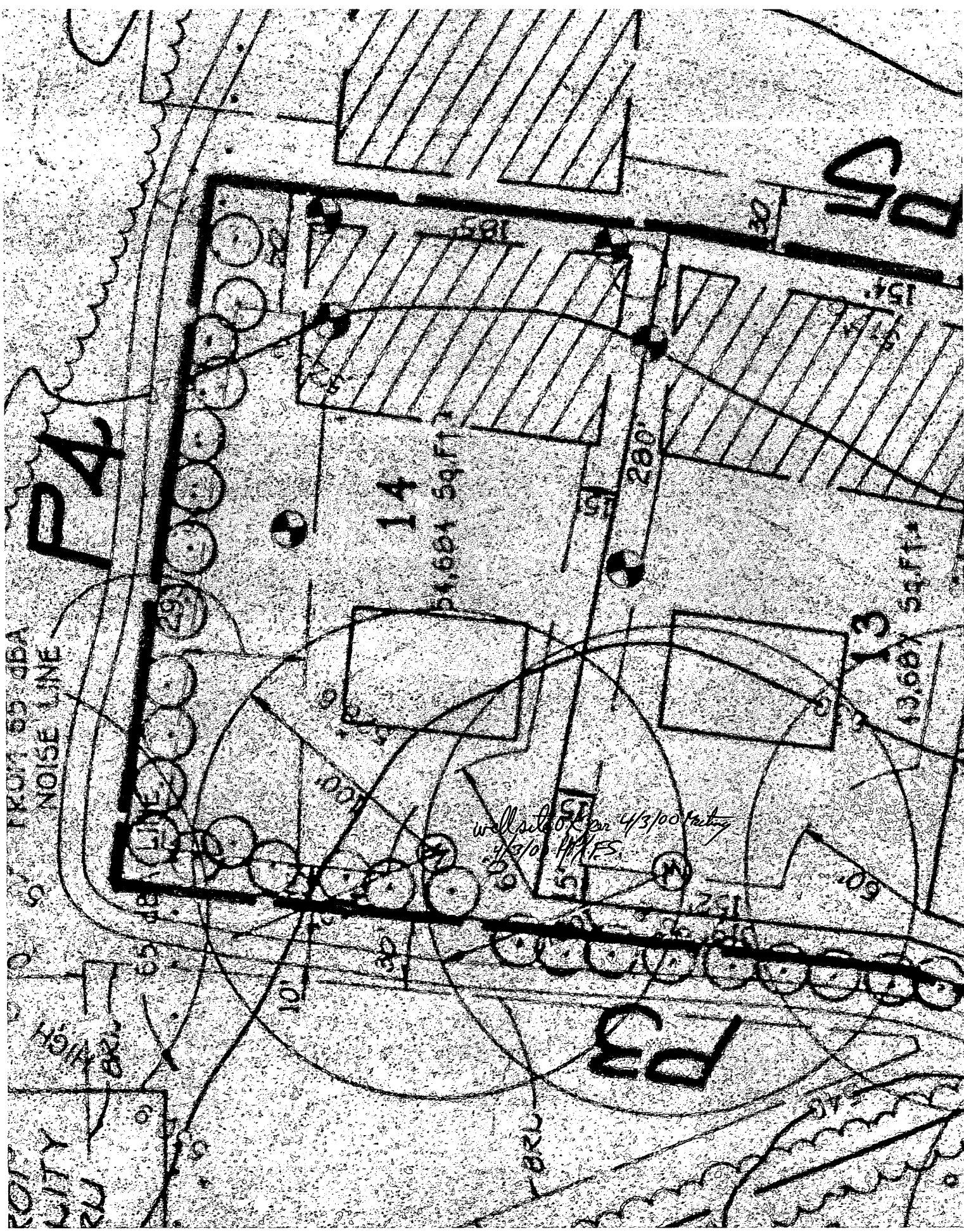


NUMBER OF UNSUCCESSFUL WELLS 0 WELL HYDROFRACTURED (Y) (N) CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

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. MW D 040 George F. Cartwright DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. MW D 376 W. Blumquist SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)







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HOWARD COUNTY HEALTH DEPARTMENT

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*Diane L. Matuszak, M.D., M.P.H., County Health Officer*

March 29, 2000

Paternal Gift Limited Partnership  
C/o Susan Scheidt  
12730 Hall Shop Road  
Highland, MD 20777

Re: Paternal Gift Subdivision  
Lots 14, 13, 12 and Preservation Parcel B

Dear Ms. Scheidt,

This is to request re-evaluation of the designated sewage disposal area on each of the above referenced properties.

The reason for concern is the relatively low landscape position and features, such as swales on or near the lot boundaries, and the associated soil profile descriptions with redoxomorphic features indicative of seasonally high water tables.

This condition came to my attention as I was reviewing the percolation test notes and sewage disposal area designation prior to issuance of the well construction permit application for Lot 14. For a well construction permit to be issued, the reviewing agency must be satisfied that there is an appropriate point of discharge for the wastewater generated by that well.

To conduct the re-evaluation, it is suggested that the perimeter of each of the septic areas be staked out. Then one or two percolation test observation holes should be excavated in the lower portion of each of the designated areas to a depth of approximately 13 feet. If the depth to water table is observed to be compatible with the intended sewage disposal system design, then the septic area could be accepted as currently designated. If the depth to water table was not compatible with the planned system design, then a reconfiguration of the septic area or modified septic system design or house size limitation can be considered, whichever is most compatible with the information presented.

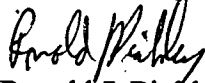
Regarding Lot 14, although wet season testing is preferred, reconfiguration of the SDA, so that the entire 10,000 sq. ft. reserved area is on or at higher elevations than the original lowermost percolation test holes (675B and 677C on the 7-8-93 test notes), may be an acceptable option at this time.

We are currently in the time of year that wet season testing is performed, and remain uncertain how long after the end of April that water tables will remain high enough to do this type of testing. Once the wet season ends it may be a year or more before the next window of opportunity presents itself, so your prompt response is requested.

If you have already sold either lot 12 and/or 13, please send us the name and address of the current owners so that we may extend them a similar offer as has been given you.

If you have any questions regarding this matter, please call me at 410-313-2640.

Respectfully yours,



Ronald J. Pinkley, R.S.  
Water & Sewere Program

*Meeting 4/3/00 - F. King, A. Matlock, R.P.  
& Ma. Schmitt. Issue resolved. OK  
to release well permit. Can reconfigure water  
SDA morning hill when BP comes in per F.S.  
dispute R.P.'s concerns. 4/4/00*