

2/20/01
11/20/00
2/22/01
4/6/01
2/26/01
C.O. PH

Bruce Bopst
410-984-6863

05-421234

PERMIT

INDEXED

SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
410-313-2640

P 514698

A 49401

ISSUE DATE 12/7/2000

APPROVAL DATE 2/26/01

Installed by Bruce Bopst (410-984-6863)

Freedom Sanitation - Brandonwood Homes IS PERMITTED TO INSTALL X ALTER

ADDRESS 239 West Old Liberty Road, Eldersburg, MD 21784 PHONE 410-795-2947

SUBDIVISION Paternal Gift Farm LOT NUMBER 25 ADDRESS 7105 Alexander Drive

PROPERTY OWNER Richard Kaiser & B. Yu PROPERTY OWNER'S ADDRESS 7105 Alexander Drive

SEPTIC TANK CAPACITY 1500 GALLONS Highland, MD 20777

PUMP CHAMBER CAPACITY NA GALLONS

NUMBER OF BEDROOMS 5

*** TOP SEAMED TANK REQUIRED ***

SQUARE FEET PER BEDROOM 180 300-240 (300 sq ft / 1200 @ 6-8 ft depth; 180 sq ft @ 8-10 ft depth) (900 sq ft total sidewall) as installed

LINEAR FEET OF TRENCH REQUIRED 300 (only able to install 280 LF. due to tight site restrictions), OK RP 2/26/01 RP 2/26/01

TRENCHES: Trenches to be 2 feet wide. Inlet 6 feet below original grade. Bottom maximum depth 10.5 feet below original grade. 4.2 feet of stone below distribution box. (If deep clay layer, use

LOCATION: 4'-6" stone fill depth instead.)

Place the distribution box 95 feet from the front (124.25') lot line and 75 feet from the right (209.33') lot line as viewed from Alexander Drive. Install trenches on contour, first toward right lot line, later in both directions from distribution box.

ADDITIONAL NOTES: Call Health Department for open trench inspection prior to placing any gravel.

[Reason: May need to go to 6 or 6.5' on northwest side of sewage disposal area.]

Trenches should be kept 7' edge to edge for this job only
OK & lengthen first 6 trenches (keep 10' from 5" pipe) slightly to allow elimination of the seventh trench. RP 2/27/01

CALL FOR LAYOUT INSP. PRIOR TO STARTING TRENCHES

PLANS APPROVED Ronald J. Pinkley OKSRK 12/7/00 DATE 2-8-00

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

BUILDING PERMIT SIGNED AND RETURNED

NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED 2/27/04 800146322 - PROPOSED DECK

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

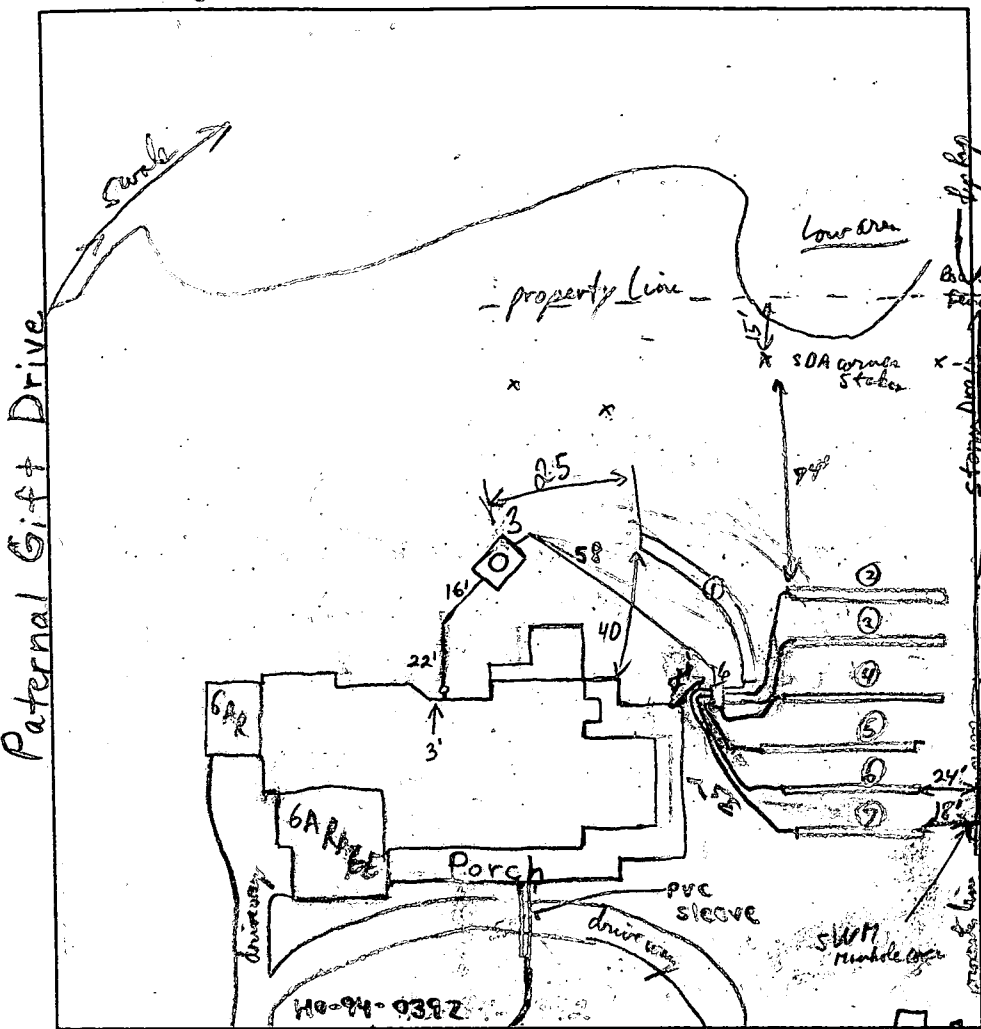
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

49401

NOT TO SCALE



1 1/2 - 2' Fill over original Topsoil over remainder of Backyard.

TRENCH DATA

TRENCH WIDTH 2
 TRENCH INLET DEPTH 4-6
 TRENCH BOTTOM DEPTH 10
 (11" 2-4" (all 5" in sandy soil)
 (11" 2-4" (all 5" in sandy soil)
 DEPTH OF STONE 6
 NUMBER OF TRENCHES 7
 TOTAL TRENCH LENGTH 280LF *on sidewall*
 ABSORBENT AREA 140LF x 5' = 700 sq ft + 140 x 2 = 280 + 280 = 1280 *Total = 1400 sq ft*
 DISTRIBUTION BOX LEVEL ✓
 BAFFLE IN DISTRIBUTION BOX ✓

SEPTIC TANK DATA

SEPTIC TANK 1500 TS GALLONS
 MANHOLE RISER ✓
 6 INCH INSPECTION PORT ✓

PUMP CHAMBER DATA N/A

PUMP CHAMBER GALLONS ✓
 MANHOLE RISER ✓
 ALARM ✓
 PUMP PERFORMANCE TEST ✓

PRE-CONSTRUCTION INSPECTION: Alexander Drive 2/20/01 Still on top of easement. Contractor

will attempt to install trenches on contour. If not possible, builder will have

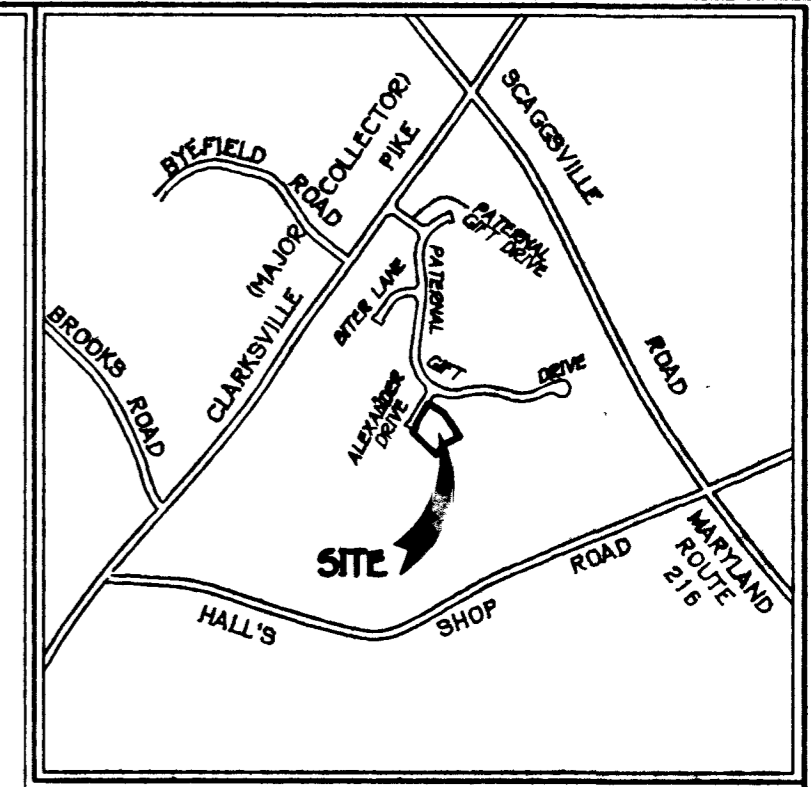
INSPECTION COMMENTS: 2/20/01 Tanks set. (BB) Specs modified to fit slope per @ 6' per acre slope. (BB)

Send revised Specs of 2/22/01 to Tr 1-5 completed & covered, Tr 6 being measured - OK to continue. 2/26/01

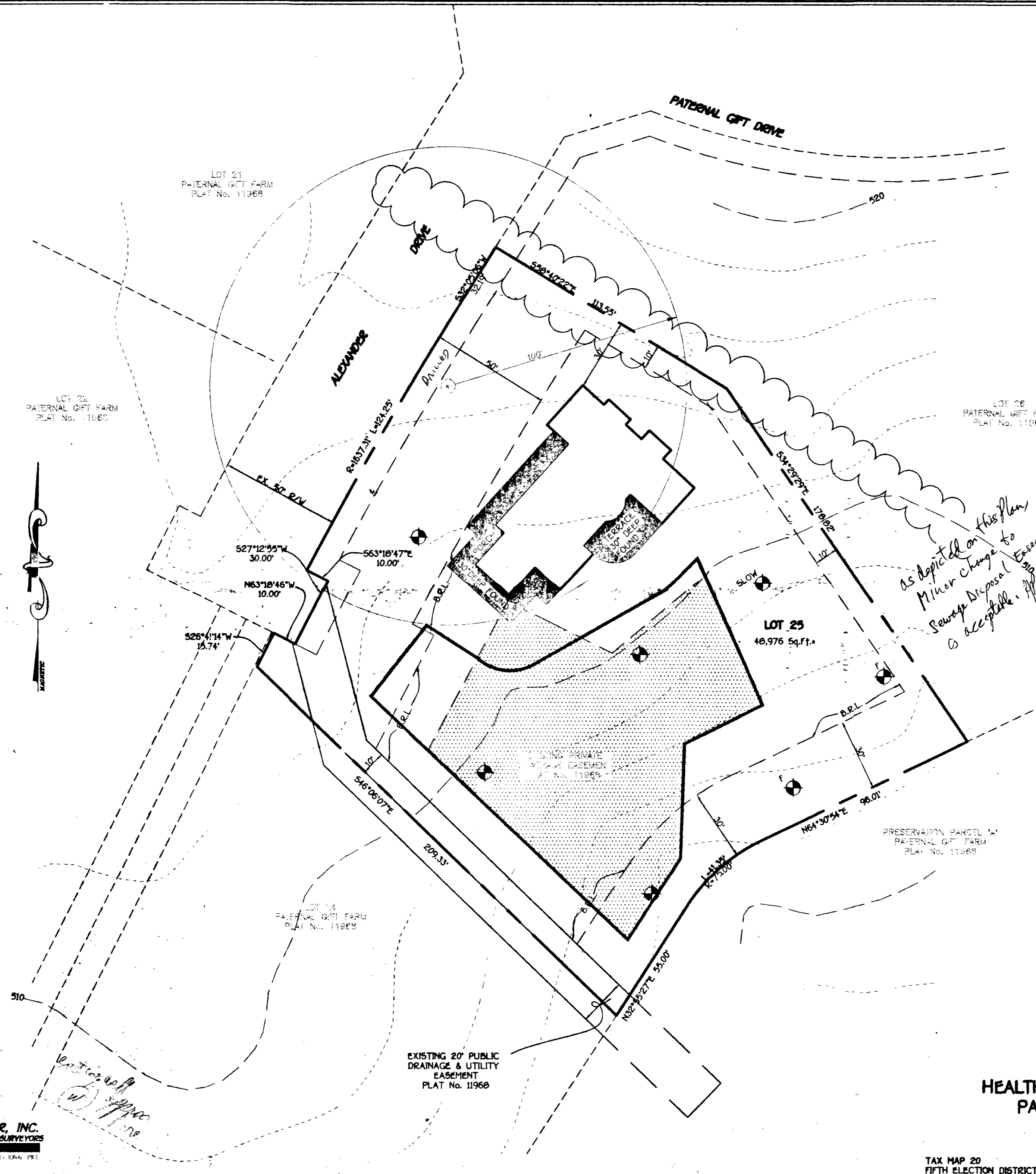
2/23/01 OK to install 1st trench. ADVISED INSTALLER OK TO INSTALL TRENCHES OVER WEEKEND, BUT BOTTOM DEPTH INSP. REQUIRED FOR TRENCH INSTALLED LATER (MR)

INSPECTOR R. Kelly

DATE SYSTEM APPROVED 2/26/01



VICINITY MAP
SCALE: 1"=1200'



*As depicted on this plan,
Minor change to
Sewage Disposal Easement
is acceptable. Affinity, P.S.
9/9/99*



FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
INTERNATIONAL SQUARE OFFICE PARK 10472 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461-2855

**HEALTH DEPARTMENT EXHIBIT
PATERNAL GIFT FARM
LOT 25**

TAX MAP 20
FIFTH ELECTION DISTRICT
SCALE: 1" = 30'
DATE: SEPTEMBER 8, 1999
PARCELS 90.179 AND P/O PARCEL 369
HOWARD COUNTY, MARYLAND

U.S. EQUIVALENT COORDINATE TABLE

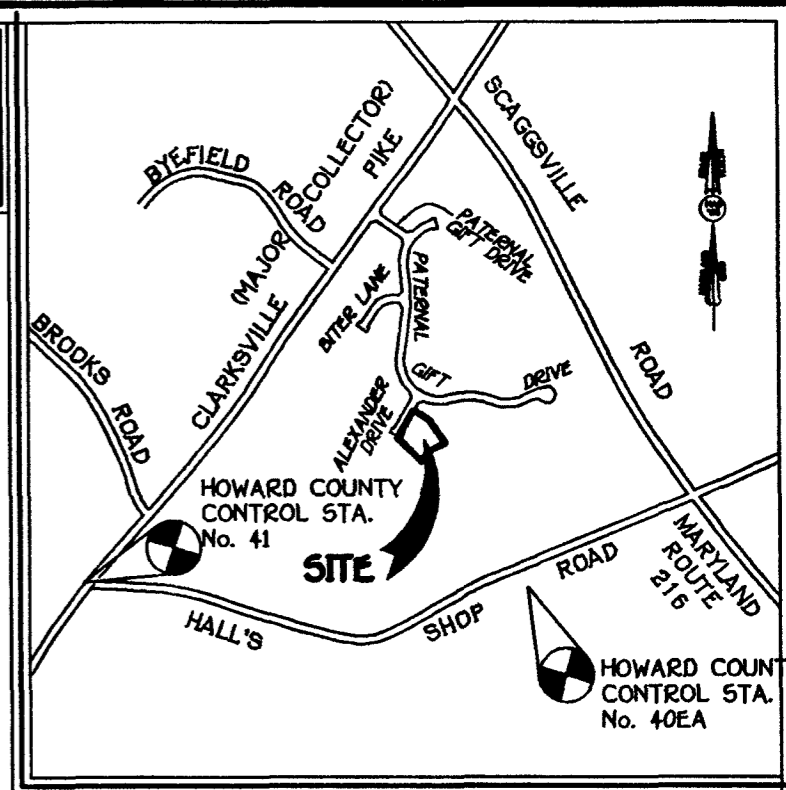
POINT	NORTH	EAST
1630	548750.368000	1323979.226800
1640	548884.720500	1324054.087700
1649	548736.304800	1323972.157600
1652	548911.993900	1324071.986200
1653	548705.573500	1324270.241900
1655	548591.160300	1324122.995800
1709	548745.876800	1323988.161500
1710	548772.555200	1324001.081400
1714	548777.047400	1323992.944800
2022	548852.957000	1324168.981000
2036	548637.324000	1324152.888000
2484	548664.262000	1324183.572000

METRIC EQUIVALENT COORDINATE TABLE

POINT	NORTH	EAST
1630	167259.446685	403549.675428
1640	167300.397409	403572.736916
1649	167255.160213	403547.520732
1652	167308.710358	403577.948550
1653	167245.793294	403638.377008
1655	167210.920081	403593.496307
1709	167258.077765	403552.398730
1710	167266.209357	403556.580564
1714	167267.578583	403553.856683
2022	167290.715875	403607.512624
2036	167224.990805	403602.607468
2484	167233.201524	403611.959970

CURVE DATA TABULATION

NO. - NO.	RADIUS	ARC LENGTH	DELTA	TANGENT	CHORD BEARING AND DISTANCE
1714-1640	1,637.31'	124.25'	04°20'53"	62.15'	N29°54'40"E 124.22'
2484-2036	75.00'	41.35'	31°35'27"	21.22'	S48°43'10"W 40.83'



VICINITY MAP
SCALE: 1"=1200'

GENERAL NOTES:

- This Area Designates A Private Sewerage Easement Of 10,000 Square Feet As Required By The Maryland State Department Of The Environment For Individual Sewage Disposal. Improvements Of Any Nature In This Area Are Restricted Until Public Sewerage Is Available. These Easements Shall Become Null And Void Upon Connection To A Public Sewerage System. The County Health Officer Shall Have The Authority To Grant Variances For Encroachments Into The Private Sewerage Easement. Recordation Of A Modified 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.
- Subject Property Zoned RR-DEO Per 10/18/93 Comprehensive Zoning Plan.
- Coordinates Based On Nad '83, Maryland Coordinate System As Projected By Howard County Geodetic Control Stations No. 41 And No. 40EA. Sta. 41 N 166963.204(m) E 402977.139(m) Sta. 40EA N 167003.7026(m) E 403711.4833(m)
- This Plat Is Based On Field Run Monumented Boundary Survey Performed On Or About April, 1993, By Fisher, Collins & Carter Inc.
- Denotes Iron Pin Set Capped "F.C.C. 106".
- Denotes Iron Pipe Or Iron Bar Found.
- Denotes Angular Change In Bearing Of Boundary Or Rights-Of-Way.
- Denotes Concrete Monument Set With Aluminum Plate "F.C.C. 106".
- Denotes Concrete Monument Or Stone Found.
- Refuse Collection, Snow Removal And Road Maintenance To Be Provided At The Junction Of Pipe/Flag Stem And The Road R/W And Not Onto The Flag/Pipe Stem Driveway.
- Use-In-Common Driveways Shall Be Provided Prior To Residential Occupancy To Ensure Safe Access For Fire And Emergency Vehicles Per The Following (Minimum) Requirements:
 - Width - 12 Feet (14 Feet Serving More Than One Residence);
 - Surface - Six (6) Inches Of Compacted Crusher Run Base With Tar And Chip Coating. (1 - 1/2" Minimum);
 - Geometry - Maximum 15% Grade, Maximum 10% Grade Change And 45-Foot Turning Radius;
 - Structures (Culverts/Bridges) - Capable Of Supporting 25 Gross Tons (H25-Loading);
 - Drainage Elements - Capable Of Safely Passing 100 Year Flood With No More Than 1 Foot Depth Over Surface;
 - Structure Clearances - Minimum 12 Feet;
 - Maintenance - Sufficient To Ensure All Weather Use.
- All Lot Areas Are More Or Less (±).
- Distances Shown Are Based On Surface Measurement And Not Reduced To Nad '83 Grid Measurement.
- Denotes Existing Private Sewerage Easement Shown On Plat No. 11968 Abandoned By Recordation Of This Plat.
- Plat Subject To Prior Department Of Planning And Zoning File Nos. 594-06, P94-09 And P95-79.
- No Dwelling Exists On Lot 25.

OWNER AND DEVELOPER
RICHARD H. KAISER AND BERNADETTE YU
P.O. BOX 77
HIGHLAND, MD. 20777

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

Terrill A. Fisher 10/14/99 Date
Terral A. Fisher, L.S. #10692 (Registered Land Surveyor)

Richard H. Kaiser 10/14/99 Date
Richard H. Kaiser (Owner)

Bernadette Yu 10/14/99 Date
Bernadette Yu (Owner)

THE PURPOSE OF THIS RECORD PLAT IS TO REVISE THE BUILDING RESTRICTION LINES TO CONFORM TO CURRENT HOWARD COUNTY ZONING REGULATIONS AND TO REVISE THE OUTLINE OF THE PRIVATE SEWERAGE EASEMENT ON LOT No. 25, "PATERNAL GIFT FARM", PLAT No. 11968.

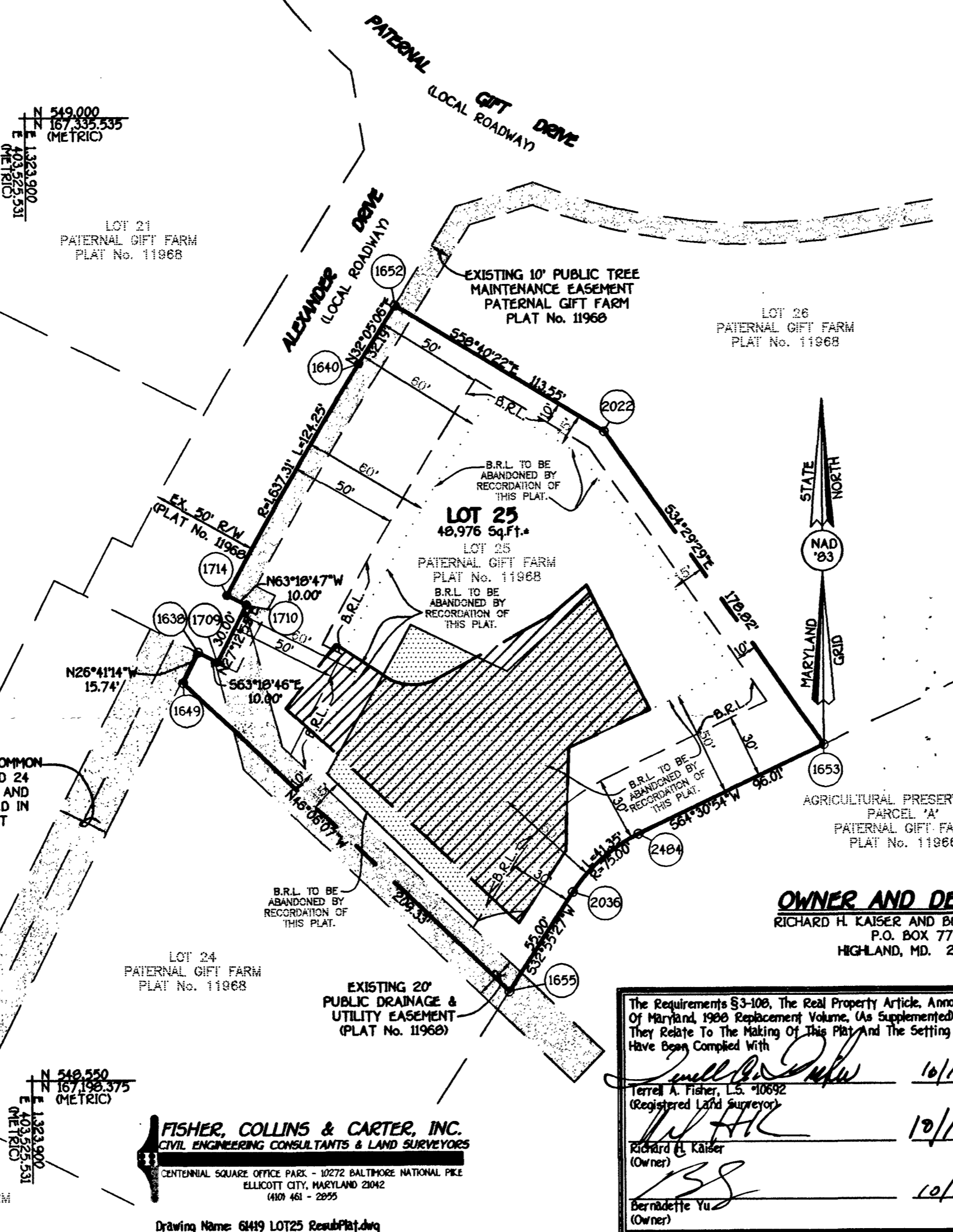
Reservation Of Public Utility And Forest Conservation Easements

"Developer Reserves Unto Itself, Its Successors And Assigns, All Easements Shown On This Plan For Water, Sewer, Storm Drainage, Other Public Utilities And Forest Conservation (Designated As "Forest Conservation Area"). Located In, On, Over, And Through Lots 25 Through 25, Any Conveyances Of The Aforesaid Lots Shall Be Subject To The Easements Herein Reserved, Whether Or Not Expressly Stated In The Deed(s) Conveying Said Lot(s). Developer Shall Execute And Deliver Deeds For The Easements Herein Reserved To Howard County, With A Metes And Bounds Description Of The Forest Conservation Area. Upon Completion Of The Public Utilities And Their Acceptance By Howard County, And, In The Case Of The Forest Conservation Easement(s), Upon Completion Of The Developer's Obligations Under The Forest Conservation Installation And Maintenance Agreement Executed By Developer And The County, And The Release Of Developer's Surety Posted With Said Agreement, The County Shall Accept The Easements And Record The Deed(s) Of Easement In The Land Records Of Howard County."

EXISTING 24' PRIVATE DRIVEWAY USE-IN-COMMON ACCESS EASEMENT ACROSS LOTS 23 AND 24 FOR THE USE AND BENEFIT OF LOTS 23 AND 24. MAINTENANCE AGREEMENT RECORDED IN LIBER No. 3591, FOLIO 477 EASEMENT (PLAT No. 11968)

AREA TABULATION

Total Number Of Buildable Lots To Be Recorded	1
Total Number Of Open Space Lots To Be Recorded	0
Total Number Of Lots To Be Recorded	1
Total Area Of Buildable Lots To Be Recorded	1.124 AC±
Total Area Of Open Space Lots To Be Recorded	0.000 AC±
Total Area Of Lots To Be Recorded	1.124 AC±
Total Area Of Roadway To Be Recorded	0.000 AC±
Total Area To Be Recorded	1.124 AC±



FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10772 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461-2955

Drawing Name: 6149 LOT25 ResubPlat.dwg

Approved: For Private Water And Private Sewerage Systems, Howard County Health Department.

Diane Matuyok 11/10/99 Date
Howard County Health Officer DR. KRADE

Approved: Howard County Department Of Planning And Zoning.

[Signature] 11/15/99 Date
Chief, Development Engineering Division

[Signature] 11/16/99 Date
Director

OWNER'S CERTIFICATE

Richard H. Kaiser And Bernadette Yu Owners Of The Property Shown And Described Hereon, Hereby Adopt This Plan Of Subdivision, And In Consideration Of The Approval Of This Final Plat By The Department Of Planning And Zoning, Establish The Minimum Building Restriction Lines And Grant Unto Howard County, Maryland, Its Successors And Assigns: (1) The Right To Lay, Construct And Maintain Sewers, Drains, Water Pipes And Other Municipal Utilities And Services In And Under All Roads And Street Rights-Of-Way And The Specific Easement Areas Shown Hereon; (2) The Right To Require Dedication For Public Use The Beds Of The Streets And/Or Roads And Floodplains And Open Space Where Applicable And For Good And Other Valuable Consideration, Hereby Grant The Right And Option To Howard County To Acquire The Fee Simple Title To The Beds Of The Streets And/Or Roads And Floodplains, Storm Drainage Facilities And Open Space Where Applicable; (3) The Right To Require Dedication Of Waterways And Drainage Easements For The Specific Purpose Of Their Construction, Repair And Maintenance; And (4) That No Building Or Similar Structure Of Any Kind Shall Be Erected On Or Over The Said Easements And Rights-Of-Way. Witness My Hand This 14th Day Of October, 1999.

[Signature] Richard H. Kaiser
[Signature] Bernadette Yu

[Signature] WITNESS
[Signature] WITNESS

SURVEYOR'S CERTIFICATE

I Hereby Certify That The Final Plat Shown Hereon Is Correct; That It Is A Subdivision Of All Of The Lands Conveyed By Prue H. Scheidt Trust Under The Will Dated August 12, 1975 To Richard H. Kaiser And Bernadette Yu, His Wife By Deed Dated March 12, 1999 And Recorded In The Land Records Of Howard County, Maryland In Liber No. 4705 At Folio 66, And That All Monuments Are In Place Or Will Be In Place Prior To Acceptance Of The Streets In The Subdivision By Howard County, Maryland As Shown, In Accordance With The Annotated Code Of Maryland, As Amended, And Monumentation Is In Accordance With The Howard County Subdivision Regulations.

Terrill A. Fisher 10/14/99 Date
Terral A. Fisher, Professional Land Surveyor No. 10692

Recorded As Plat No. 14023 On NOVEMBER 18, 1999 Among The Land Records Of Howard County, Maryland.

REVISION PLAT
PATERNAL GIFT FARM
LOT 25
(REVISION OF LOT No. 25, "PATERNAL GIFT FARM", PLAT No. 11968)
ZONED: RR-DEO
TAX MAP No. 40 PART OF PARCEL No. 90 GRID No. 11 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

Scale: 1" = 50'
DATE: OCTOBER 14, 1999
SHEET 1 OF 1
F00-

**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: CHARLES A. KLEIN & SON, INC. Telephone #: (410) 549-6960
Address: 5220 KLEIN MILL ROAD
SPRINGVILLE, 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): CHARLES A. KLEIN, JR. License #: 6521
*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: RICHARD F. BOURQUETTE, JR. Telephone #: (301) 585-8500
Subdivision: INTERNAL GOLF FARM Lot #: 25 Well Tag #: HO-24-0392
Site Address: 2105 ALEXANDER DRIVE
HIGHLAND, MD 20777

Submersible Pump Data	Pitless Adapter	Well Cap and Electric Conduit
Make: <u>JACUZZI</u>	Make: <u>HARDWARD</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>5545-BP-52</u>	Model #: <u>PT-800</u>	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity: <u>5</u> GPM	Depth: <u>27"</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: <u>12</u> GPM	NSF approved: <input checked="" type="checkbox"/>	Conduit min 18" R.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: <u>ND</u> (feet)		Conduit secured to well cap: <input checked="" type="checkbox"/>

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 _____

Pipine to house
Type: CALIBETHALONE
PSI: 1" (150 psi min)
Depth of supply line: 36" min)

House Connection
PVC sleeved to undisturbed soil at wall penetration: Yes
Approximate length of sleeve: _____
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.

Signature of company representative responsible for installation: Charles A. Klein, Jr. date: 3/2/01
CHARLES A. KLEIN, JR.

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

Date Insp. Requested: 4/6/01 Date Insp. Approved: 4/6/01 **(SRK)**
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 3" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter

C1 3653

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A 49401

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 040794

Depth of Well 220 (TO NEAREST FOOT)

PERMIT NO. FROM PERMIT TO DRILL WELL 40-94-0392

OWNER Scheidt & Sagan last name first name TOWN Highland STREET OR RFD Hall Shop Rd SUBDIVISION Paternal Gift SECTION LOT 25

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Top Soil, red clay, Silt Sand, clay, Sand Stone, Mica, Sand Stone, Mica, Quartz, Mica.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY, NO. OF BAGS 19, NO. OF POUNDS 1900, GALLONS OF WATER 95, DEPTH OF GROUT SEAL 65 ft.

CASING RECORD: casing types insert appropriate code below, MAIN CASING TYPE ST, Nominal diameter 6, Total depth 70.

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

SCREEN RECORD: screen type or open hole insert appropriate code below, SCREEN TYPE ST, BR, HO, PL, OT.

IN HARD ROCK AREAS IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED yes [X] no [Y]

- 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...

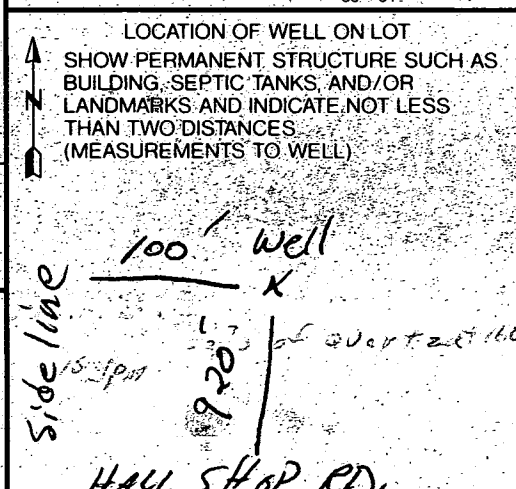
DRILLERS IDENT. NO. 40
DRILLERS SIGNATURE George F. Cartwright
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) 40 68 220
EACH CASING SCREEN SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH)

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. to nearest gal.) 12, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 25, WHEN PUMPING 88, TYPE OF PUMP USED (for test) 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, PUMP HORSEPOWER, PUMP COLUMN LENGTH, CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE 2 (nearest foot)



B 1 4006 SEQUENCE NO. (DP USE ONLY) STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please print or type STATE PERMIT NUMBER HO-99-0392

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

70 fill in this form completely 79

Date Received (APA) 030795

OWNER INFORMATION

SCHEIDT SUZAN
15 Last Name 13 Owner First Name 34

12730 HALL SHOP RD
38 Street or RFD 55

HIGHLAND MD 20777
57 Town 70 State 72 Zip 76

DRILLER INFORMATION MSD/MGD/MWD

George F. Easterday 40
Driller's Name 77 License No. 80

L. Franklin Easterday, Inc.
Firm Name

9265 Brown Church Rd., MT. Airy, Md. 21771
Address

George F. Easterday 8/24/94
Signature Date

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5
8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500
14 20

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)

APPROXIMATE DEPTH OF WELL 200 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6 INCH
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 DEEPEINED 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 - CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

THIS WELL WILL DEEPEIN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41

Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER GAP

FORCE RA WRITE INITIALS IN BOX PERMIT No. HO-99-0392

SPECIAL CONDITIONS

B 3 LOCATION OF WELL

HOWARD
8 COUNTY

PATERMAL GIFT FARM
23 SUBDIVISION 42

SECTION 44 46 LOT 25 48 50

HIGHLAND
52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 1 MI
73 76 77 78

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

HALL SHOP RD
11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

920
34 DISTANCE FROM ROAD 37

ENTER FT OR MI FT

TAX MAP: _____ BLK: _____ PARCEL _____

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A49401
COUNTY NAME COUNTY NO.

STATE SIGNATURE DATE ISSUED 032795 land party 3/24/95
INSERT S 41

NORTH GRID 487000 EAST GRID 0811000
50 55 57 63

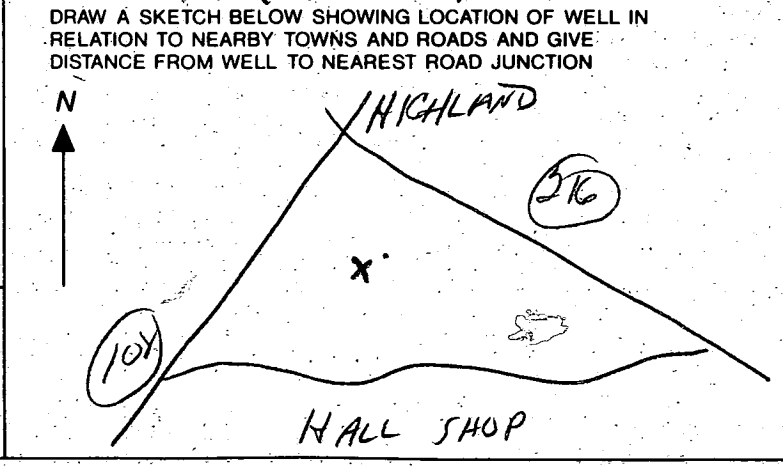
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1 well

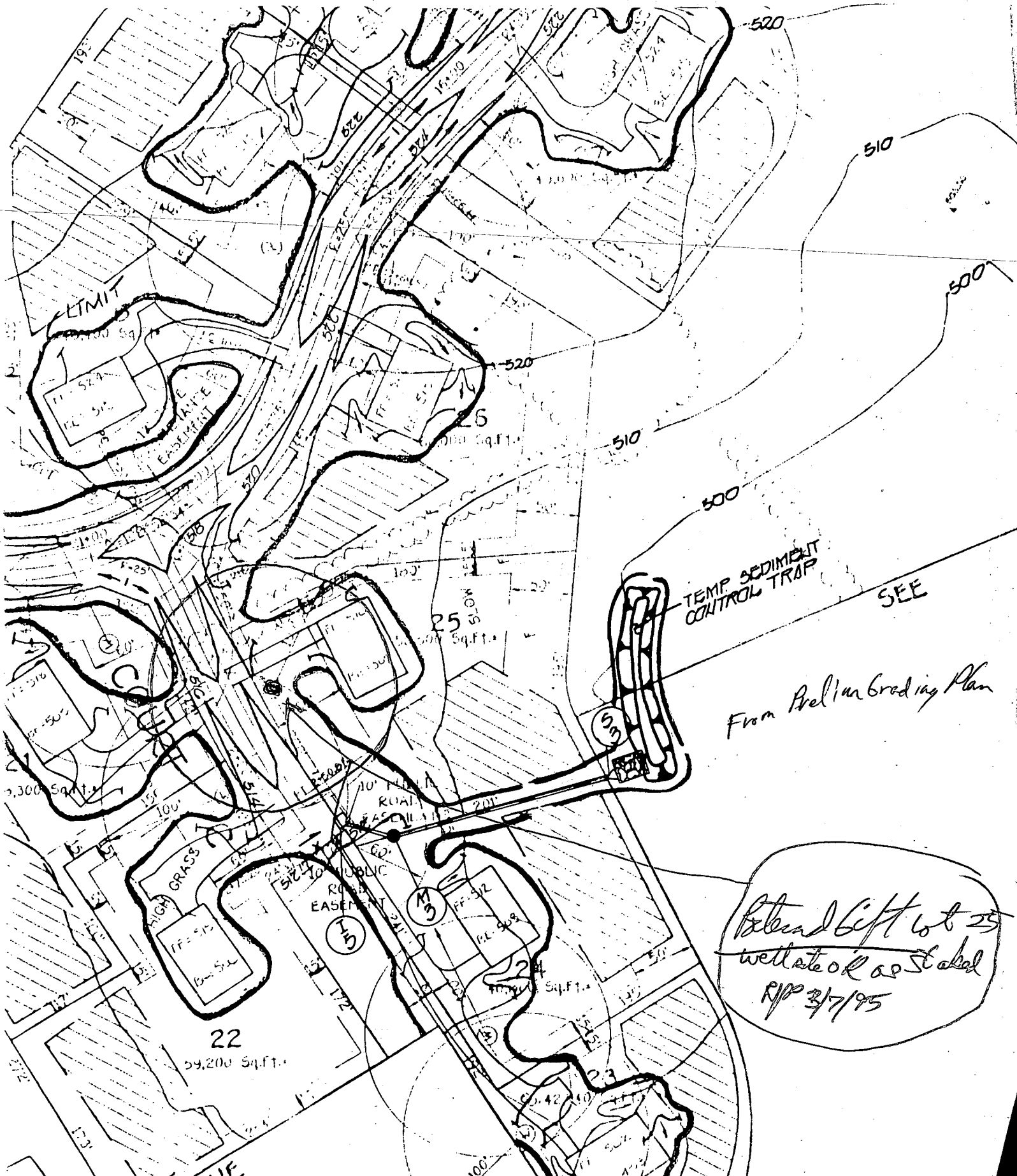
WRITE THE BOX NUMBER FROM THE MAP HERE

8101
4807

LOC UNCLER TAG OK



NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =



TEMP. SEDIMENT CONTROL TRAP

SEE

From Prelim Grading Plan

Extend left lot 25
well site of as stated
RIP 3/7/95

APPLICATION

PERCOLATION TESTING

A 49401

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. 10

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 G. 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

Lot 10 49401
COUNTY #

SOIL PROFILE
579 A

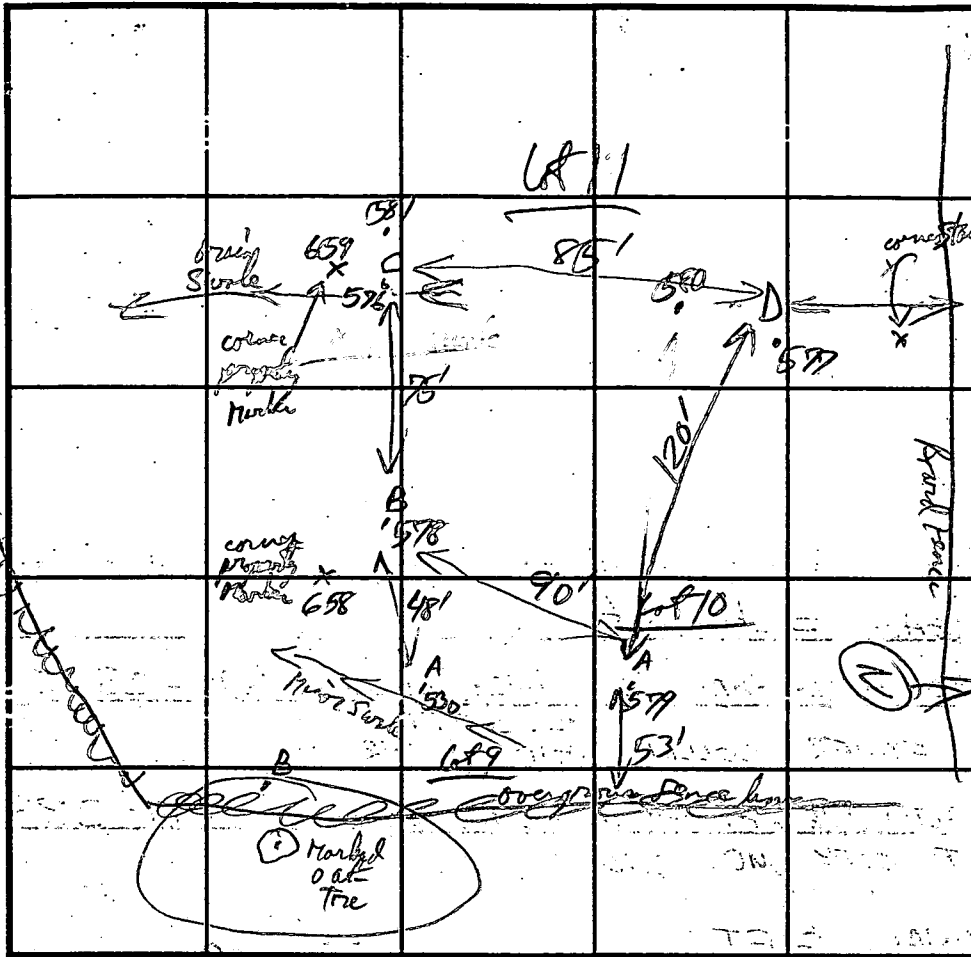
0' Red clay
4' Red Red Brown loess hCL-CL
7-8' Red Brown Mixed yellow + Neutral Brown hL v. fine
12' Red Brown v. fine to Coarse Red SL v. fine
13' 578 B

Red Brown hCL
5' Red Brown hL v. fine to coarse Moist

9' v. dark Red Brown to dark Brown fine to coarse Loam v. moist

581 C
2 1/2' yellow Red hCL
olive Brown Micaceous to gray Micaceous Loam SL. Moist

10 1/2' yellow + gray v. moist water



SOIL PROFILE
577 D

0' Red Brown hCL
6' orange Red Brown Moist
8-9' pale yellow Red + Brown SL-LS

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
7-9-93	579 A	11'	9:42:00	10:25			to 43 min slow Fail
		13					
	B	Visual Not Tested					?
	581 C	6'	10:30:00	10:30:00	10:32:00	10:34:00	2 1/2 min ? ok for lot 11; Not compatible with good holes ok on lot 10
		VR's water @ 12'					OK below 3'
	577 D	6'	10:23:40	10:27:00	10:27:40	10:32:40	Spin
		13					water 12'/lot 11

REMARKS _____
 TYPE OF SOIL Eluvial, Chert
 TESTED BY R.P. Valley ALSO PRESENT Dan & Rudy
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

APPLICATION

PERCOLATION TESTING

A 49401
P _____

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

DISTRICT _____
DATE _____

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 S. SCHMIDT

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION PATERNAL GIFT LOT NO. 10

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 _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING 7/20/93 Percolation OK but must consult with RP & H

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

P574698
 4/29/01

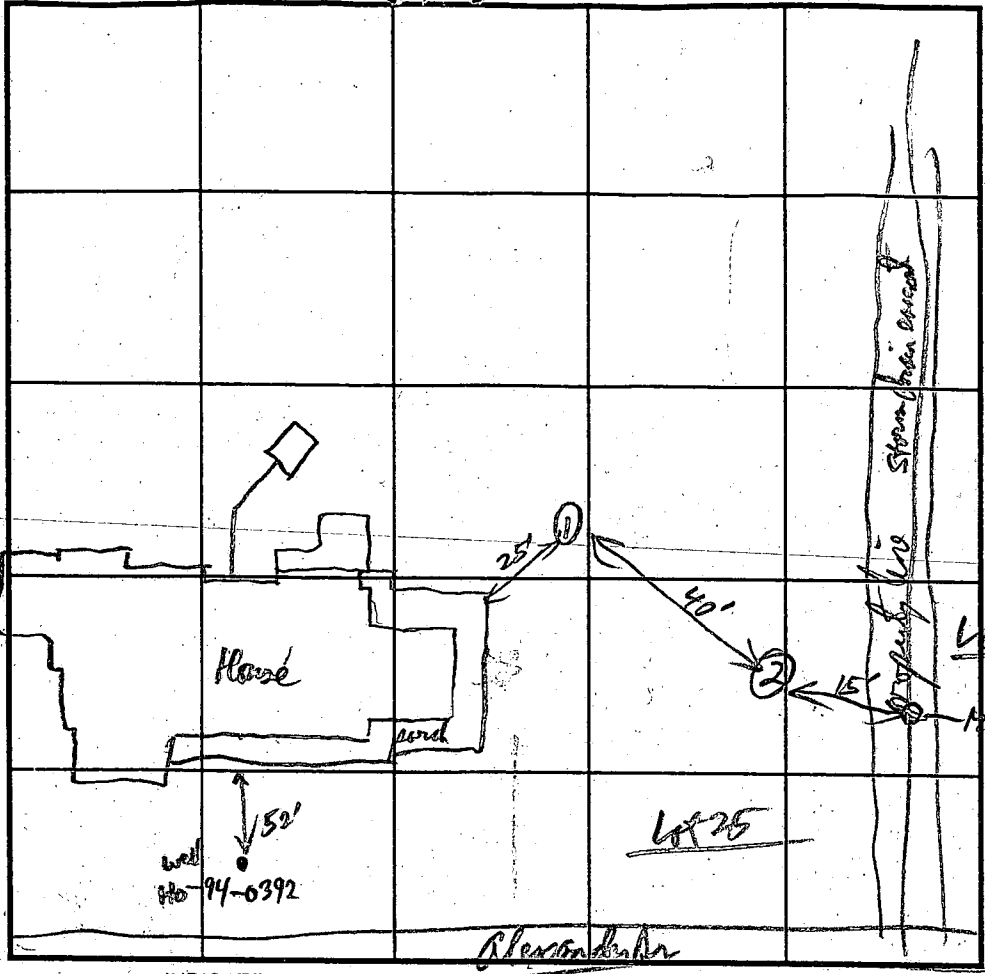
Paternal Gift from Family lot 25 7105 Alexander Dr.

COUNTY #

SOIL PROFILE

0' variable Fill
 0' old A horizon
 10' Old dark gray loam
 Red Brn Cl
 3' Red clay-ill
 6' Red yellow-ill
 8' ~~loam~~
 Property Red clay
 10' SL (mix)
 11' SL
 12' Neutral SL
 14'

2'
 Red Cl
 3' somewhat fine
 Red CL
 -SCL
 (info)
 6' yel+red
 HL-SIL
 8' yel+Tan Red Brn
 mix SL (mix)



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/22/01	(Revised) 1	14'	visual only				
	2	6'	11:08	11:21	11:21	11:40	19 min

REMARKS Cont. Monitoring wells are @ Dry season level. Now. - Deep clay encountered when system being installed

TYPE OF SOIL _____

TESTED BY R. P. Inley ALSO PRESENT Smith & Bruce Boyer (soil installers)

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

Design for 5 Room House

@ 1750 gal/ft/bed = 66 LF x 5 = 330 LF

@ 300 gal/ft/bed = 100 LF/bed x 5 = 500 LF (1500 gal/bed)

if 45 min perc - 0.45 gal/100ft 750 gpd ÷ 0.45 = 1667 gal/ft = 556 LF side tr

$$\begin{array}{r} 45 \overline{) 260.00} \\ \underline{180} \\ 80.00 \\ \underline{45} \\ 35.00 \\ \underline{30} \\ 5.00 \\ \underline{0} \\ 500 \end{array}$$

$$\begin{array}{r} 3 \overline{) 1667} \\ \underline{15} \\ 16 \\ \underline{15} \\ 17 \\ \underline{15} \\ 2 \end{array}$$

- if 4 ft sidewalk = 412 LF
- if 5 ft sidewalk = 333.3 LF
- if 6 ft sidewalk = 278 LF

$$150 \text{ gpd} \div 300 \text{ gal/ft} = 0.5 \text{ gal/ft} \times 2 = 1.0 \text{ gal/LF}$$

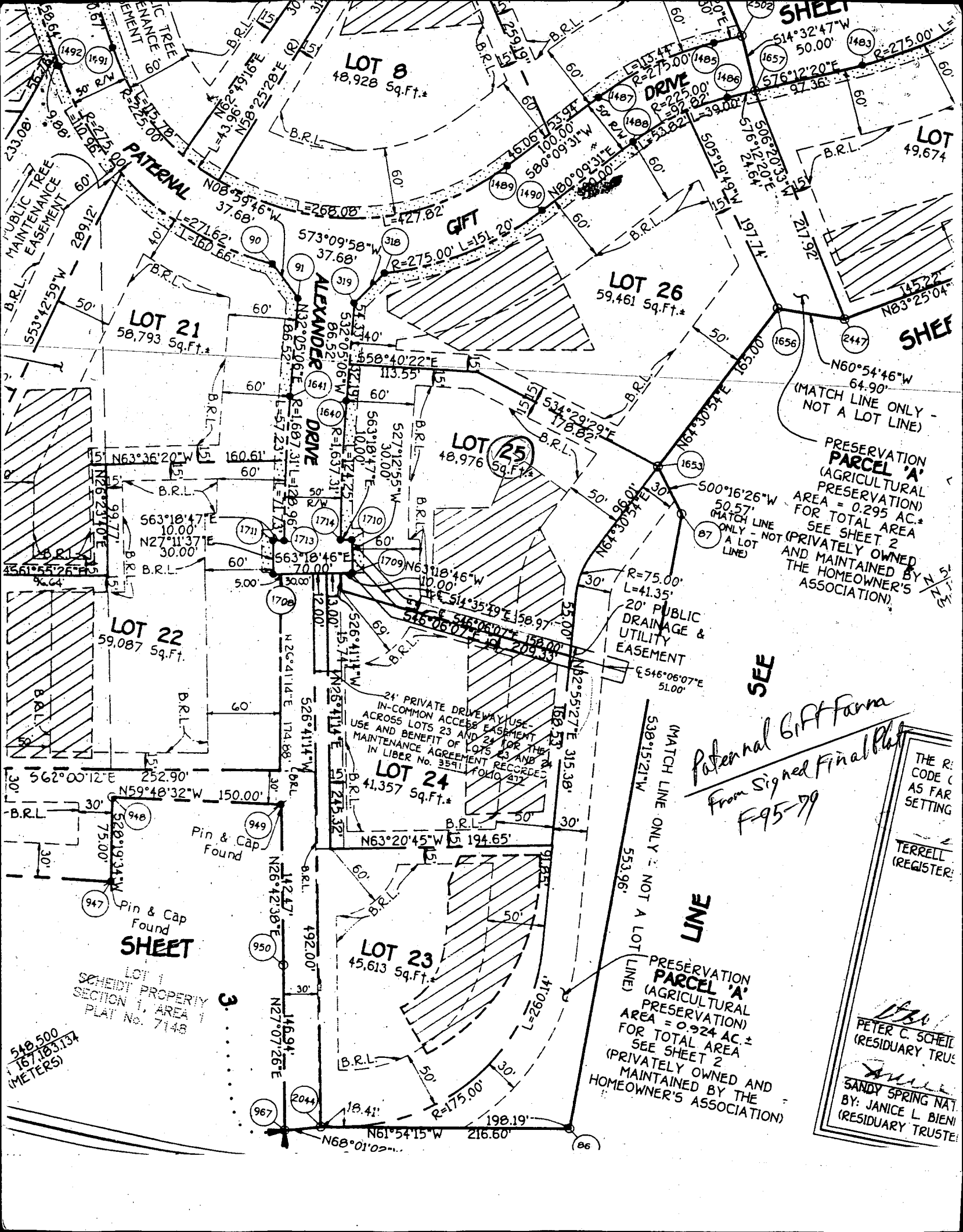
$$180 \text{ " } \div 180 \text{ " } = 1.833 \text{ gal/ft} \times 2 = 3.67 \text{ gal/LF}$$

$$\begin{array}{r} 180 \overline{) 158.00} \\ \underline{144} \\ 14.00 \\ \underline{0} \\ 60 \end{array}$$

$$\begin{array}{r} 2 \overline{) 750 \text{ gpd}} \\ \underline{2} \\ 750 \end{array}$$

$$2.67 \text{ gal/LF} \approx 2.5 \text{ gal/ft of TR}$$

$$\begin{array}{r} 300. \\ 2.5 \overline{) 750.0} \\ \underline{75} \\ 0 \end{array}$$



LOT 8
48,928 Sq.Ft.

LOT 21
58,793 Sq.Ft.

LOT 26
59,461 Sq.Ft.

LOT 25
48,976 Sq.Ft.

LOT 22
59,087 Sq.Ft.

LOT 24
41,357 Sq.Ft.

LOT 23
45,613 Sq.Ft.

SHEET

SHEET

PRESERVATION PARCEL 'A'
(AGRICULTURAL PRESERVATION)
AREA = 0.295 AC.
FOR TOTAL AREA SEE SHEET 2
(PRIVATELY OWNED AND MAINTAINED BY THE HOMEOWNER'S ASSOCIATION)

20' PUBLIC DRAINAGE & UTILITY EASEMENT

24' PRIVATE DRIVEWAY USE - IN-COMMON ACCESS EASEMENT ACROSS LOTS 23 AND 24 FOR THE USE AND BENEFIT OF LOTS 23 AND 24. MAINTENANCE AGREEMENT RECORDED IN LIBER No. 3591 FOLIO 472

SEE

Paternal Gift Farm
From Signed Final Plat F-95-79

MATCH LINE ONLY - NOT A LOT LINE

LINE

PRESERVATION PARCEL 'A'
(AGRICULTURAL PRESERVATION)
AREA = 0.294 AC.
FOR TOTAL AREA SEE SHEET 2
(PRIVATELY OWNED AND MAINTAINED BY THE HOMEOWNER'S ASSOCIATION)

THE RECORD CODE AS FAR SETTING

TERRELL (REGISTER)

Peter C. Scheidt
PETER C. SCHEIDT (RESIDUARY TRUSTEE)

Sandy Spring Nat.
SANDY SPRING NAT. (RESIDUARY TRUSTEE)
BY: JANICE L. BIEN

SHEET
LOT 1 SCHEIDT PROPERTY SECTION 1, AREA 1 PLAT No. 7148

548.500
167.183.134
(METERS)

PUBLIC TREE MAINTENANCE EASEMENT

Pin & Cap Found
Pin & Cap Found

2044
967

947

949

950

1711

1713

1714

1717

1718

1719

1720

1721

1722

1723

1724

1725

1726

1727

1728

1729

1730

1731

1732

1733

1734

1735

1736

1737

1738

1739

1740

1741

1742

1743

1744

1745

1746

1747

1748

1749

1750

1751

1752

1753

1754

1755

1756

1757

1758

1759

1760

1761

1762

1763

1764

1765

1766

1767

1768

1769

1770

1771

1772

1773

1774

1775

1776

1777

1778

1779

1780

1781

1782

1783

1784

1785

1786

1787

1788

1789

1790

1791

1792

1793

1794

1795

1796

1797

1798

1799

1800

1801

1802

1803

1804

1805

1806

1807

1808

1809

1810

1811

1812

1813

1814

1815

1816

1817

1818

1819

1820

1821

1822

1823

1824

1825

1826

1827

1828

1829

1830

1831

1832

1833

1834

1835

1836

1837

1838

1839

1840

1841

1842

1843

1844

1845

1846

1847

1848

1849

1850

1851

1852

1853

1854

1855

1856

1857

1858

1859

1860

1861

1862

1863

1864

1865

1866

1867

1868

1869

1870

1871

1872

1873

1874

1875

1876

1877

1878

1879

1880

1881

1882

1883

1884

1885

1886

1887

1888

1889

1890

1891

1892

1893

1894

1895

1896

1897

1898

1899

1900

1901

1902

1903

1904

1905

1906

1907

1908

1909

1910

1911

1912

1913

1914

1915

1916

1917

1918

1919

1920

1921

1922

1923

1924

1925

1926

1927

1928

1929

1930

1931

1932

1933

1934

1935

1936

1937

1938

1939

1940

1941

1942

1943

1944

1945

1946

1947

1948

1949

1950

1951

1952

1953

1954

1955

1956

1957

1958

1959

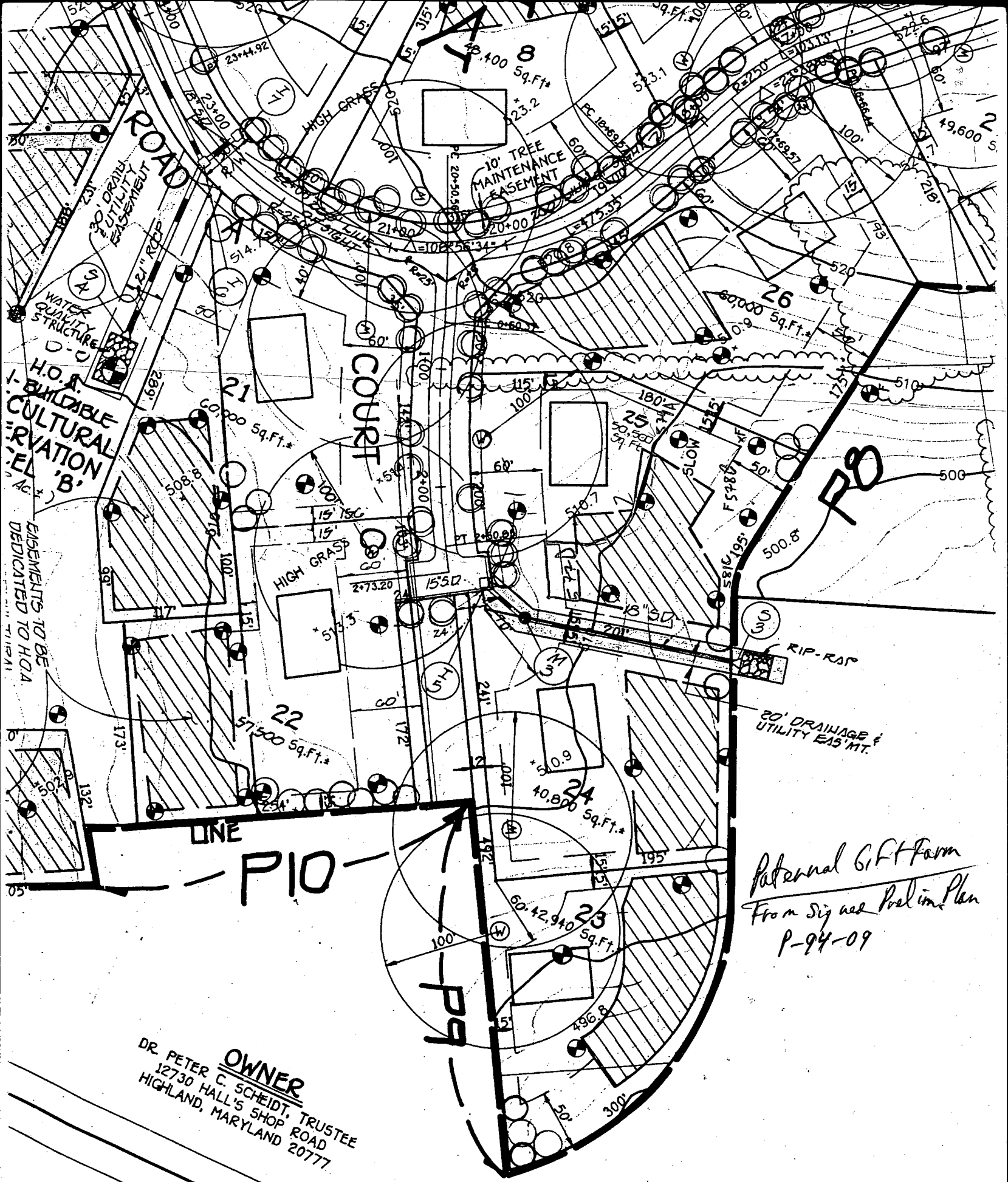
1960

1961

1962

1963

1964



post with wire ties following requirements

- 1) Test: MSMT 509
- 2) Test: MSMT 509
- 3) Test: MSMT 322
- 4) Test: MSMT 322

ey shall be overlapped.

ent and maintained when 2% of the fabric height.

LOT 21
PATERAL GIFT FARM
PLAT No. 11968

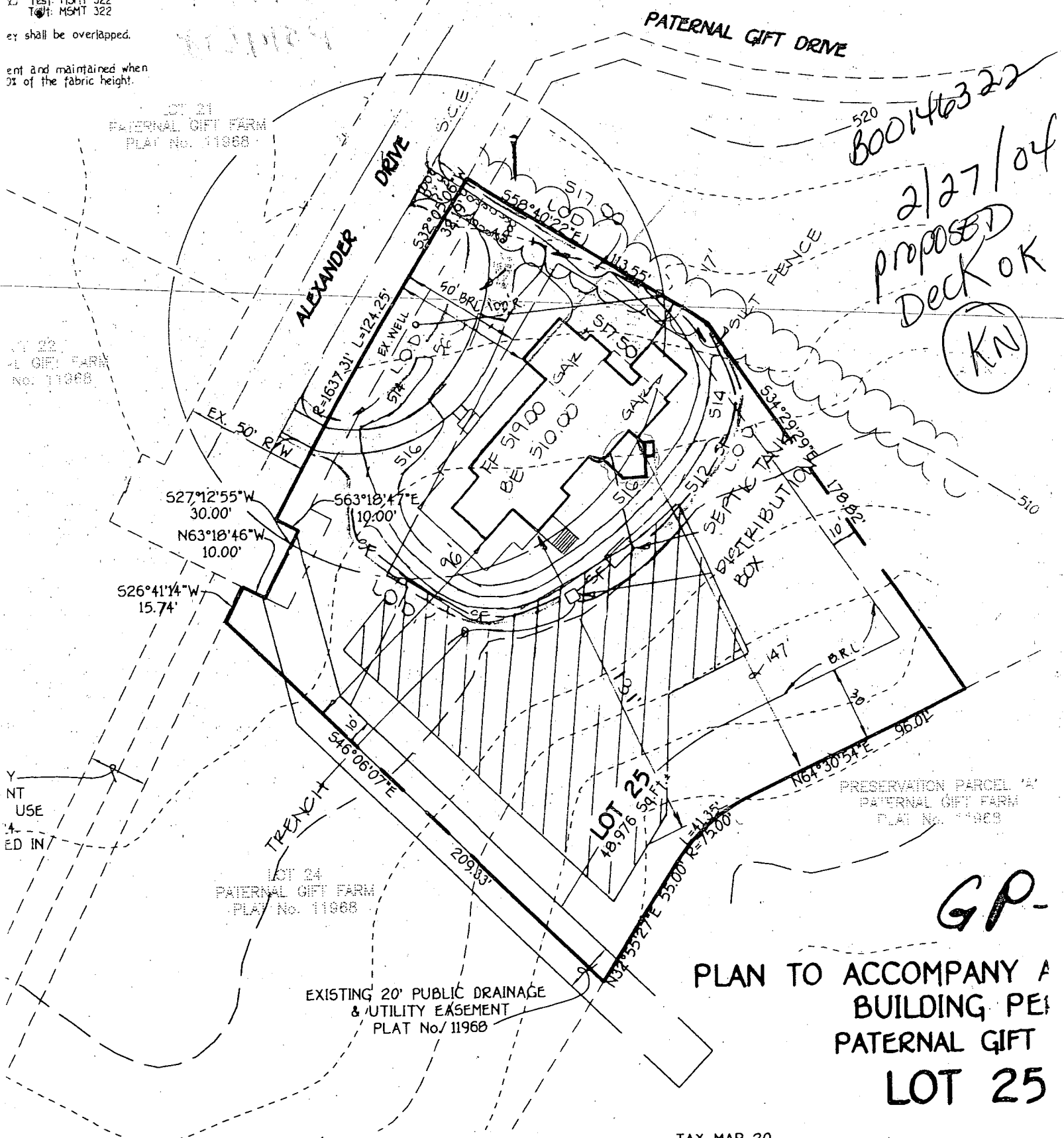
LOT 22
PATERAL GIFT FARM
PLAT No. 11968

Y
NT
USE
4
ED IN

LOT 24
PATERAL GIFT FARM
PLAT No. 11968

EXISTING 20' PUBLIC DRAINAGE
& UTILITY EASEMENT
PLAT No. 11968

PRESERVATION PARCEL 'A'
PATERAL GIFT FARM
PLAT No. 11968



520
800146322
2/27/04
PROPOSED
Deck OK
KN

GP.
PLAN TO ACCOMPANY A
BUILDING PERMIT
PATERAL GIFT
LOT 25

16x18 Proposed Deck

TAX MAP 20
FIFTH ELECTION DISTRICT
SCALE: 1" = 50'
DATE: MARCH 29, 1999