

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

02-393271

P 511466

A 59808-B

DISTRICT _____

DATE 03/18/99

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 3/23/99

INSPECTOR *MS*

INDEXED

Jack Fyock Septic Services

IS PERMITTED TO INSTALL ALTER _____

ADDRESS P. O. Box 89, Triadelphia Road, Glenelg, Maryland 21737 PHONE 410-988-9270

SUBDIVISION Lerch Property LOT 1 ROAD 8817 Old Frederick Road

PROPERTY OWNER _____

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 69

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 11.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 8.0 feet of stone below distribution pipe.

LOCATION - Begin trenches 10 feet off the front lot line and 10 feet off the left lot line as seen when facing the lot from Old Frederick Road. Run trenches on contour toward the right lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 3/24/99 OK ALL

PLANS APPROVED BY Amy McMillen

DATE 3-16-99

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 SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 25/40 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

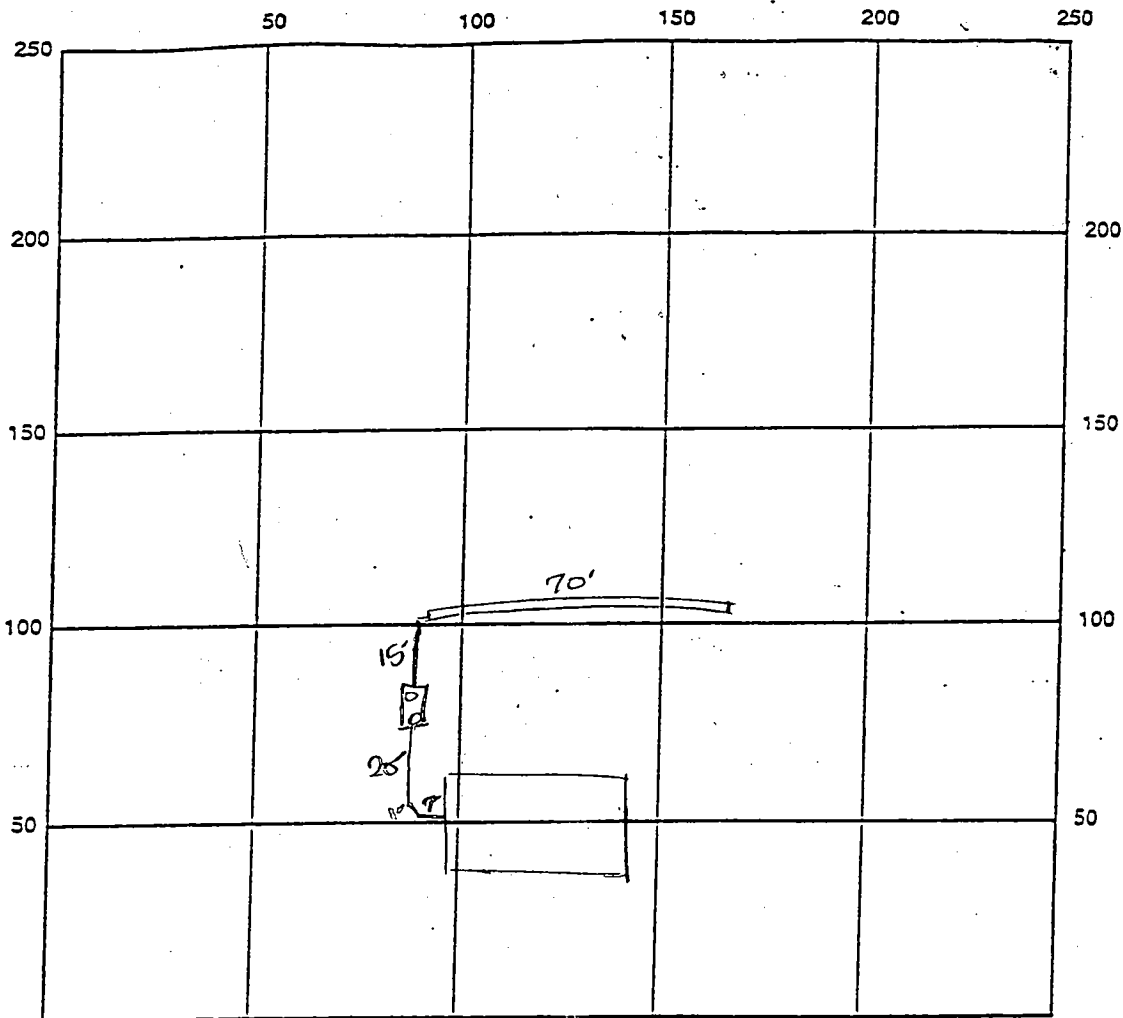
*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

BUILDING PERMIT SIGNED AND RETURNED 11-602

BOD 139231 - New Sun Room

11-59808-B



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Old Frederick Road

SEPTIC TANK LEVEL OK - 1000000 top seam CLEANOUTS 2 on tank
 COMP

DISTRIBUTION BOX LEVEL N/A

DRAIN FIELD/TILE DEPTH 11 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 8 FT. TOTAL LENGTH 70 FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL BOTTOM AREA 560 SQ. FT.

DRYWALL INSIDE DIAMETER 7 FT. EFFECTIVE DEPTH BELOW INLET 7 FT.

ABSORBENT AREA SQ. FT.

REMARKS: 5/31/99 FINAL INSP - OK TO COVER ALL SEPTIC WORK

adequately. sufficient materials on site JCS

CONSULTED GMA

DATE SYSTEM APPROVED 5/31/99 INSPECTOR [Signature]

SEPTIC SPECIFICATIONS WORK-SHEET

SUBDIVISION: Lerch Property

A 59808B

STREET NAME: Old Frederick Rd

LOT NUMBER: 1

AVERAGE PERCOLATION RATE: 17 min SQUARE FEET PER BEDROOM: 180

NUMBER OF BEDROOMS: 3 LINEAR FEET OF TRENCH PER BEDROOM: 23'

TOTAL LINEAR FEET OF TRENCH: 69 SEPTIC TANK CAPACITY: 1000

TOP SEAMED TANK REQUIRED? YES NO

COMPARTMENTED TANK REQUIRED? YES NO

TRENCH DIMENSIONS: Trench to be 2.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 11.0 feet below original grade. Effective area begins at 8.0 feet below original grade. 3.0 feet of stone below distribution pipe.

=====
PUMPED SYSTEM PROPOSED: YES NO

PUMPED SEPTIC SYSTEM DETAIL: _____ gallon pump chamber.

YES NO Top seamed pump chamber required?

Note 1: Septic pump detail to be provided by installer prior to issuance of septic permit.

Note 2: Pump performance test is necessary prior to Health Department approval of pumped septic system.

=====
LOCATION: Begin trenches 110 feet off the front lot line and 10 feet off the left lot line, as seen when facing the lot from Old Fred. Rd. Run trenches on contour toward the right lot line

ADDITIONAL NOTES: _____

Reviewer: Amy McMill

Date: 3/16/99

SEPTIC SPECIFICATIONS WORK-SHEET

SUBDIVISION: Lerch Property

59808B

STREET NAME: Old Frederick Rd

LOT NUMBER: 1

AVERAGE PERCOLATION RATE: 10min SQUARE FEET PER BEDROOM: 180'

NUMBER OF BEDROOMS: 3 ~~LINEAR FEET OF TRENCH PER BEDROOM~~

~~TOTAL LINEAR FEET OF TRENCH~~ SEPTIC TANK CAPACITY: 1000

TOP SEAMED TANK REQUIRED? YES NO *two compartment tank*

COMPARTMENTED TANK REQUIRED? YES NO

Drywell Calculations:

180# per bdrm x 3 bdrm = 540 total

15x15 Drywell with 8' stone = 480

*Additional trench not necessary - 480 is reasonably close to required 540

Trench/Drywell Specs:

Inlet - 3.0'

Bottom - 11.0'

Stone - 8.0'

PUMPED SYSTEM PROPOSED: YES NO

PUMPED SEPTIC SYSTEM DETAIL: _____ gallon pump chamber.

YES NO Top seamed pump chamber required

Note 1: Septic pump detail to be provided by installer prior to issuance of septic permit.

Note 2: Pump performance test is necessary prior to Health Department approval of pumped septic system.

LOCATION: Begin drywell 10 feet off the front lot line and 10 feet off the left lot line as seen when facing the lot from Old Frederick Road.

ADDITIONAL NOTES: _____

Reviewer: Amy McMillen

Date: 2/2/99

Handwritten notes:
11' stone of
drywell can be
fipped out for
installation
A McMillen

APPLICATION

PERCOLATION TESTING

A 59808-A

P _____

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

FOR SUBDIVISION
OF SINGLE LOT
CONTAINING 2 HOUSES,
WITH PUBLIC WATER
& ONE SEWAGE SYSTEM (CW)

DISTRICT _____

DATE 2-6-91

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

DPZ violation case

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

PROPERTY OWNER Holly LERICHT

ADDRESS 8813 OLD FOG LORICK RD PHONE 410-461-5588

AGENT OR PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION 8813 OLD FOG LORICK RD LOT NO. #1

ROAD AND DESCRIPTION _____

TAX MAP 17 PARCEL # 85

SIZE OF LOT #1 = 1/2 ACRES 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 _____

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

59808-A
COUNTY #

SOIL PROFILE
427

0'
3.0'
12.0'

or/br Clay lm
brown silty clay lm
mica flecs
pale grey damp silty clay lm
at 10.0'
WATER

428

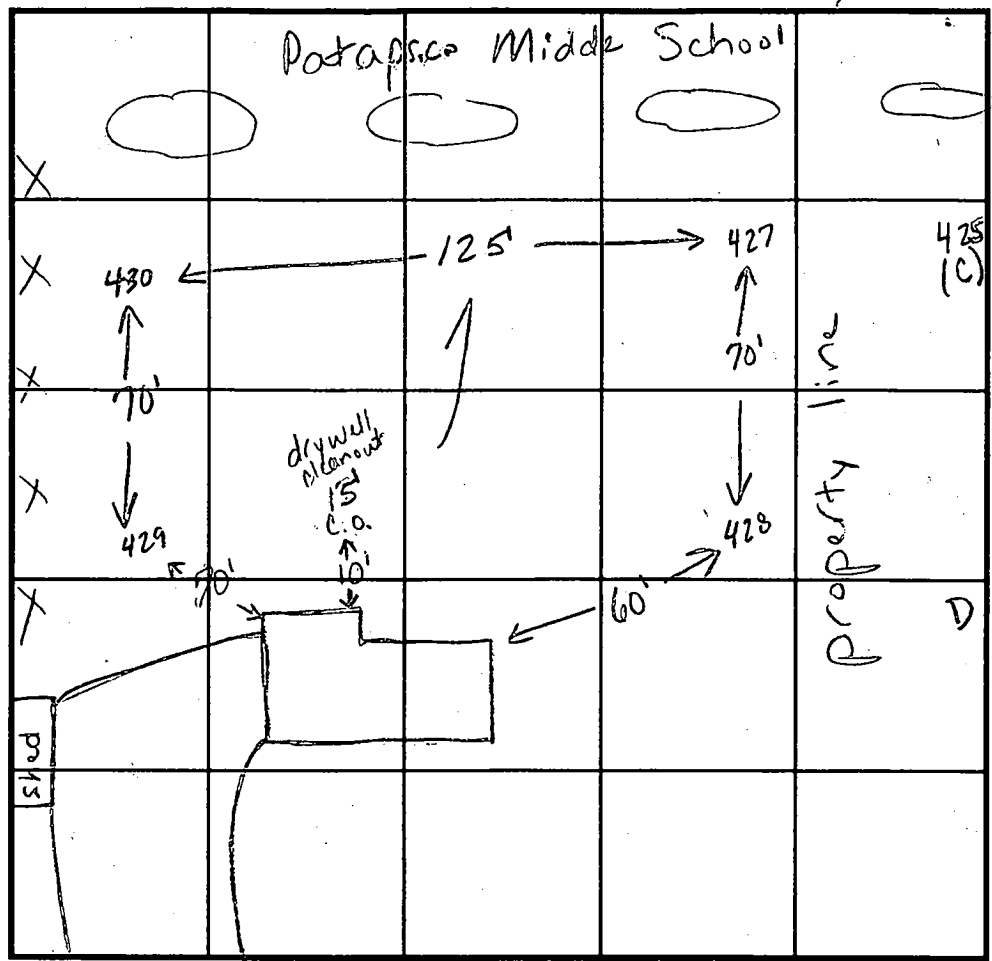
3.5'

or/brown Clay lm
burnt orange Silty Clay loam
flecs of mica

429

11.0'

Old Conduit Pipe running into perc hole
surrounded by large field stone
RAIN WATER



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE
430

Same as test hole #427
Cave-in at 10.0'
WATER 11.0'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-20-98	427	2.5' S	2:03:30	2:33:30	2:33:30	SLOW	EATG
		12.0' D	Visual - see profile				
	redug	3.0' S	2:39	2:42	2:42	2:45	3min
	428	11.0' D	Visual only - see profile				
	*429	5.0' D	Visual only - see profile				
	430	11.0' D	Visual only - see profile				

REMARKS test holes staked *Maintain 25' off test hole 429

TYPE OF SOIL _____

TESTED BY Kim Maiste / Amy McMillen ALSO PRESENT Eagle's, home owner

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

BUT OK @ 5'

U.S. EQUIVALENT COORDINATE TABLE

POINT	NORTH	EAST
2	594514.900189	1364463.602609
7	594717.516427	1364747.751252
15	594768.847400	1364517.935515
20	594639.017201	1364801.590126
21	594729.748502	1364679.965000
22	594689.455728	1364786.376862
50	594789.747782	1364522.408628
59	594646.494047	1364886.084443
103	594449.366230	1364767.591305

METRIC COORDINATE TABLE

POINT	NORTH	EAST
2	101208.520372	415889.337878
7	101270.261547	415975.946534
15	101285.907259	415905.898557
20	101246.334936	416016.740704
21	101273.989891	415955.285486
22	101261.708629	415987.719643
50	101292.277709	415907.261964
59	101248.613883	416018.110574
103	101188.529204	415981.993794

CURVE DATA TABULATION

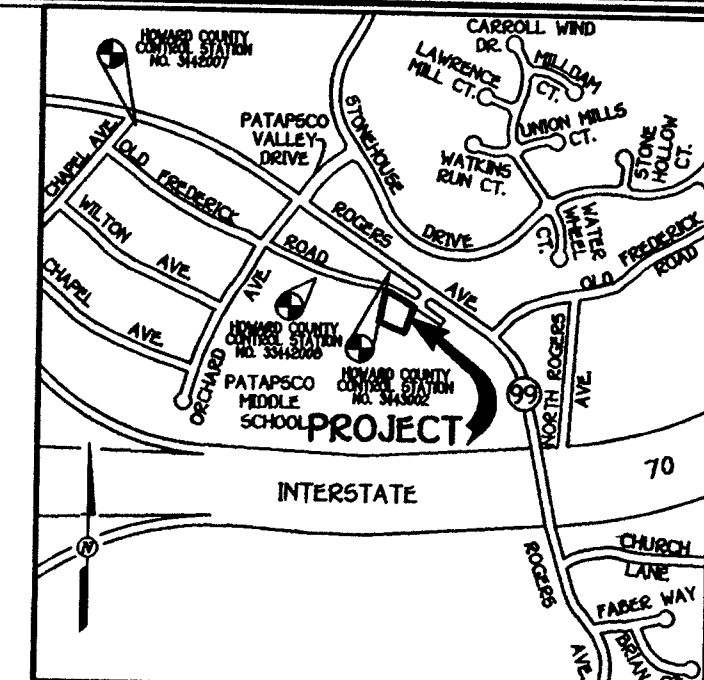
POINT-POINT	RADIUS	ARC	DELTA	TANGENT	CHORD
21-22	455.63'	114.08'	14°20'45"	57.34'	569°15'39"E 113.78'

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

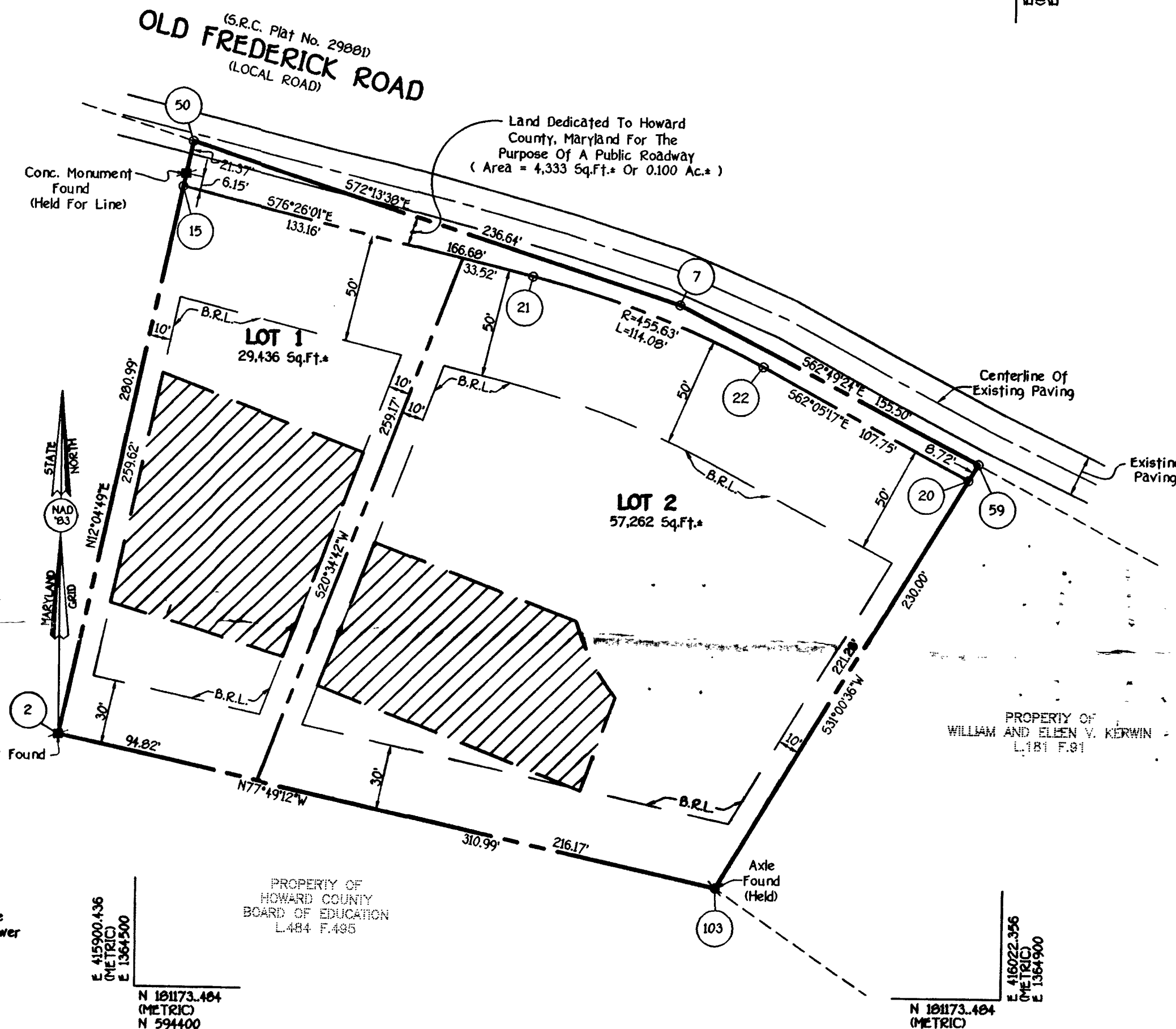
Terrell A. Fisher 4/16/99 Date
 Terrell A. Fisher, L.S. 10692 (Registered Land Surveyor)
Holly Lerch 4/16/99 Date
 Holly Lerch (Owner)

N 101325.884
 (METRIC)
 N 594900

E 416022.356
 (METRIC)
 E 1364900



VICINITY MAP
 SCALE: 1" = 1200'



PROPERTY OF HOWARD COUNTY BOARD OF EDUCATION L.484 F.495

PROPERTY OF WILLIAM AND EILEEN V. KERWIN L.181 F.91

PROPERTY OF HOWARD COUNTY BOARD OF EDUCATION L.484 F.495

General Notes

- Subject Property Zoned R-20 Per 10/18/93 Comprehensive Zoning Plan.
- Coordinates Based On Nad '83, Maryland Coordinate System As Projected By Howard County Geodetic Control Stations No. 3442007 And No. 3443002.
Sta. 3442007 N 595,829.621 E 1,363,088.231
Sta. 3443002 N 594,942.757 E 1,364,687.564
- This Plat Is Based On Field Run Monumented Boundary Survey Performed On Or About January 9, 1998, By Fisher, Collins And Carter, Inc.
- B.R.L. Denotes Building Restriction Line.
- 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.
- Driveway(s) Shall Be Provided Prior To Issuance Of Building Permits To Provide Safe Access For Fire And Emergency Vehicles Per The Following (Minimum) Requirements:
a) Width - 12 Feet (14 Feet Serving More Than One Residence);
b) Surface - Six (6") Inches Of Compacted Crusher Run Base With Tar And Chip Coating, (1-1/2" Minimum);
c) Geometry - Maximum 15% Grade, Maximum 10% Grade Change And 45-Foot Turning Radius;
d) Structures (Culverts/Bridges) - Capable Of Supporting 25 Gross Tons (H25-Loading);
e) 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 Insure All Weather Use.
- All Lot Areas Are More Or Less (a).
- Distances Shown Are Based On Surface Measurement And Not Reduced To Nad '83 Grid Measurement.
- Existing House On Lot 1 And Lot 2 To Remain. The Existing Dwellings And Other Structures Are In Non-Compliance With The Current Zoning Setback Restrictions. No New Buildings Extensions Or Additions To The Existing Structures Are To Be Constructed At A Distance Less Than The Zoning Regulations Require.
- ▨ This Area Designates A Private Sewerage Easement Of 10,000 Square Feet As Required By The Maryland State Department Of The Environment For Individual Sewerage Disposal Improvements Of Any Nature In This Area Are Restricted Until Public Sewerage Is Available. These Easements Shall Be 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.
- No Non-Tidal Wetlands Exist On Site.
- This Plan Of Subdivision Is Conditionally Exempt From The Requirements Of Section 16.1202 Forest Conservation. The Exemption Is Subject To The Owner Filing A "Declarations Of Intent For Real Estate Transaction" With Any Further Subdivision. New Lots May Be Subject To Addressing The Requirements Of Section 16.1202 Of The Howard County Subdivision And Land Development Regulations.
- Lots 1 And 2 Are Currently Exempt From The Landscaping Requirements Of Section 16.124 Of The Howard County Code And The Landscape Manual Since Existing Dwellings Are Located On Both Lots, Which Are To Remain. However, Lot No. 2 Will Be Subject To The Landscaping Requirements Upon Further Resubdivision.

NOTES:

- Interim Individual On-Site Sewerage Disposal System May Be Utilized In The Subdivision For A Maximum Of 1 Year After An Adequate Community Sewer System Becomes Available.
- Any Future Extensions Of The Public Sewer System To Serve The Lots Created Through This Subdivision Will Be The Responsibility Of The Individual Lot Owners.

AREA TABULATION

TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED.	2
TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED.	0
TOTAL NUMBER OF LOTS TO BE RECORDED.	2
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED.	1.990 Ac.±
TOTAL AREA OF OPEN SPACE LOTS TO BE RECORDED.	0.000 Ac.±
TOTAL AREA OF LOTS TO BE RECORDED.	1.990 Ac.±
TOTAL AREA OF ROADWAY TO BE RECORDED.	0.100 Ac.±
TOTAL AREA TO BE RECORDED.	2.090 Ac.±

Owner/Developer

Holly Lerch
 8813 Route 99
 Ellicott City, Md. 21043

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE BLDG. - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 481 - 2255
 30634/LER-RP01.DWG

OWNER'S CERTIFICATE

I, Holly Lerch, Owner Of The Property Shown And Described Hereon, Herby 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, Herby 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 16th Day Of April, 1999.

Holly Lerch
 Holly Lerch

Facharia Y. Fisch
 Witness

SURVEYOR'S CERTIFICATE

I Herby Certify That The Final Plat Shown Hereon Is Correct; That It Is A Subdivision Of All Of The Lands Conveyed By Thomas C. Marshall And Linda M. Marshall By And Through Her Attorney In Fact, Thomas Clark Marshall To Holly Lerch By Deed Dated September 26, 1996 And Recorded In The Land Records Of Howard County, Maryland In Liber No. 3889 At Folio 656, 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.

Terrell A. Fisher
 Terrell A. Fisher, Professional Land Surveyor No. 10692
 Date 4/16/99

PURPOSE NOTE:

The Purpose Of This Plat Is To Establish Separate Lots For Two Existing Dwellings On The Property.

RECORDED AS PLAT No. 13807 ON 7-20-99
 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

Lerch Property
 Lots 1 And 2

ZONING: R-20

TAX MAP 17, PARCEL 05, GRID 18
 SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 DATE: APRIL 13, 1999



Scale: 1" = 50'

SHEET 1 OF 1
 F99-106

F-99-106

APPROVED: For Public Water And Private Sewerage Systems In Conformance With The Master Plan Of Water And Sewerage For Howard County.

Dina M. Mott 7/13/99 Date
 Howard County Health Officer, M.D. 1/16 M.D.E.

APPROVED: Howard County Department Of Planning And Zoning.

John D. ... 7/16/99 Date
 Chief, Development Engineering Division R-2

Paul ... 7/16/99 Date
 Director