

1/21/00 C.O. pm  
1/27/00 10am C.O.

# PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 5/31/98

A 50809

DISTRICT \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 410-313-2640

DATE 12-28-99

DATE SYSTEM APPROVED 1/27/00

INSPECTOR BB

Richard B. Stine, Inc.

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

ADDRESS 9917 Woodshoro Road, Woodshoro, MD 21798 PHONE 301-845-0618

SUBDIVISION Lewis Property LOT 1 ROAD 6115 6000 Ten Oaks Road

PROPERTY OWNER Joan Lewis Kennedy

ADDRESS \_\_\_\_\_

## TOP SEAMED TANK REQUIRED

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

## DUPLEX PUMP SYSTEM SUGGESTED

INSTALL: 1-1000 GALLON TOP SEAMED PUMP CHAMBER

NOTES: - Septic pump detail to be provided by installer prior to issuance of septic permit.  
- Pump performance test is necessary prior to Health Department approval of pumped septic system.

TRENCHES - Trench to be 3 feet wide. Inlet 2.0 feet below original grade. Bottom maximum depth 4.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Begin trenches 10 feet off the front lot line and 65 feet off the right (131.50') lot line as seen when facing the lot from Ten Oaks Road. Run trenches on 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.

9/23/99 O.K. (BB)

PLANS APPROVED BY Amy McMillen DATE 8-17-1999

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

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

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

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

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

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

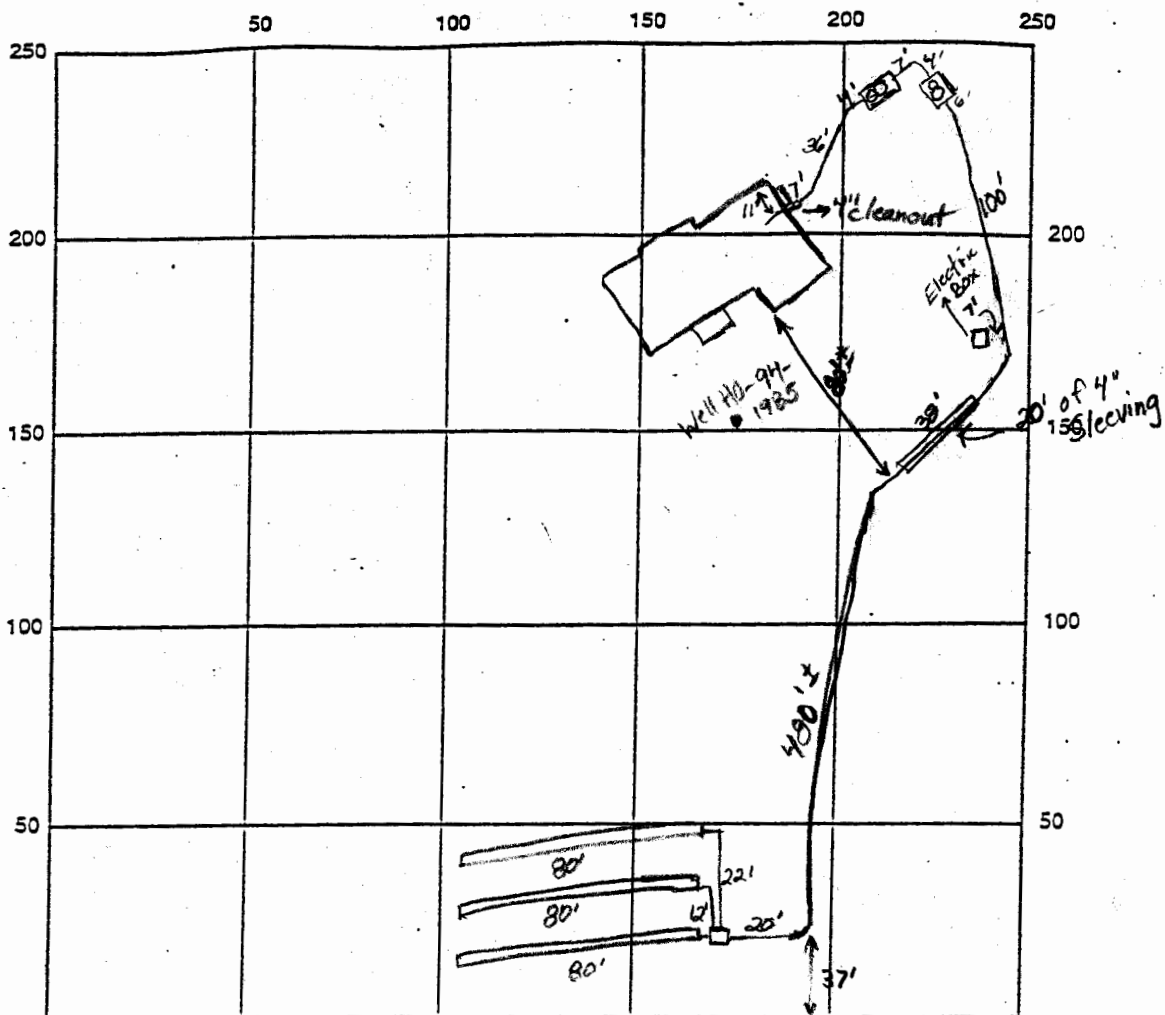
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

OTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Ten Oaks Road

SEPTIC TANK LEVEL 1-1000 Midseamed, 1-1000 Top  
*scamed pump*

CLEANOUTS 1-4" house, 2-6" and 2 manhole  
on tanks

DISTRIBUTION BOX LEVEL O.K. levelers installed

DRAIN FIELD/TITLE DEPTH 4 FT.

TRENCH WIDTH 3 FT.

INLET DEPTH 2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT.

TOTAL LENGTH 3x80' FT. (240' total)

NUMBER OF TRENCHES 3

ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER — FT.

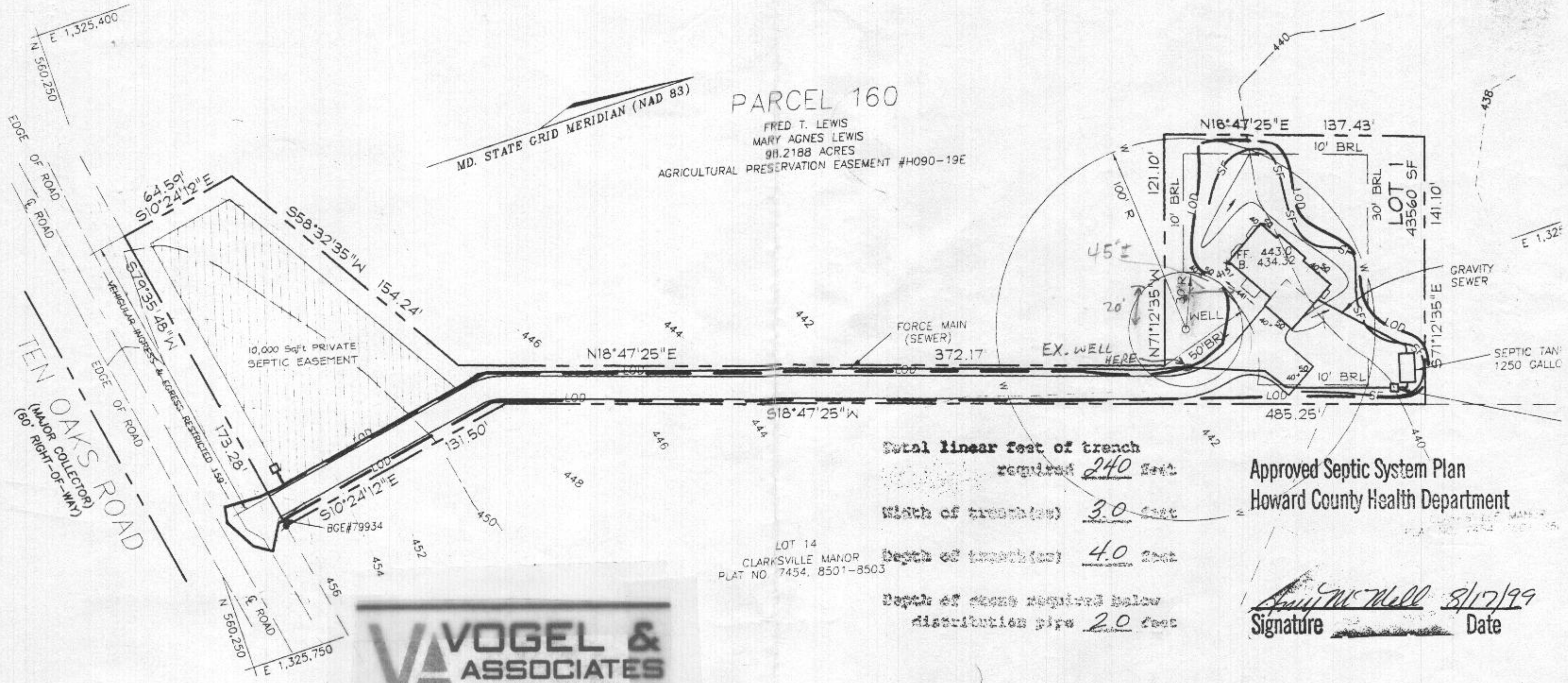
EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 1/21/00 House connection made. O.K. to cover everything except  
distribution box. Inverts in box not checked. I recommend that  
box be left open to check that pump power is sufficient. Only single  
pump installed in system. Final approval pending pump performance  
test BB 1/27/00 Pump and alarm working good. Inverts in dis-  
tribution box have levelers. Everything looks O.K. BB

DATE SYSTEM APPROVED 1/27/00

INSPECTOR B. Baker



**PARCEL 160**  
 FRED T. LEWIS  
 MARY AGNES LEWIS  
 98.2188 ACRES  
 AGRICULTURAL PRESERVATION EASEMENT #H090-19E

Total linear feet of trench required 240 feet  
 Width of trench(es) 3.0 feet  
 Depth of trench(es) 4.0 feet  
 Depth of stone required below distribution pipe 2.0 feet

Approved Septic System Plan  
 Howard County Health Department

Amey McNeill 8/17/99  
 Signature Date

**VOGEL & ASSOCIATES**  
 ENGINEERS • SURVEYORS • PLANNERS  
 3891 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
 Tel 410.461.5828 Fax 410.465.3086

**SITE DEVELOPMENT PLAN**  
**LOT 1**  
**LEWIS PROPERTY**

TAX MAP #34 5TH ELECTION DISTRICT  
 PARCEL 160 HOWARD COUNTY, MARYLAND

**SEPTIC DATA**  
 Basement Elevation 434.32 \* ELEVATION REQUIRED FOR BASINIST SERVICE  
 First Floor Elevation 443.00  
 Invert. Out of House 440.72 437.00  
 Invert. into Septic Tank 436.10 436.35  
 Invert. Out of Septic Tank 436.10 436.10 → INVERT INTO PUMP CHAMBER 436.0  
 Invert. into Distribution box 453.50  
 Invert. into Trench 452.10  
 Existing grade at Septic Tank 439.20  
 Existing grade to Trench 434.1  
 Elevation of trail of grade 441.5



THE REQUIREMENTS § 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME, (AS SUPPLEMENT) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

Mark C. Martin 5/26/99  
DATE  
PROFESSIONAL LAND SURVEYOR NO. 10884

Fred T. Lewis 5/24/99  
DATE  
FRED T. LEWIS

Mary Agnes Lewis 5/24/99  
DATE  
MARY AGNES LEWIS

# GENERAL NOTES

1. SITE REFERENCE: L4005 / F.159
2. THE LOTS SHOWN HEREON COMPLY WITH MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT
3. PROPERTY ZONED RR-DEO PER THE COMPREHENSIVE ZONING PLAN DATED OCTOBER 18, 1993.
4. THIS PLAT IS BASED ON A FIELD SURVEY PERFORMED BY VOGEL & ASSOCIATES INC., ON OR ABOUT AUGUST 11, 1998.
5. THE BEARINGS SHOWN ON THIS PLAT ARE REFERRED TO THE SYSTEM OF COORDINATES ESTABLISHED IN THE MARYLAND COORDINATE SYSTEM (NAD 83) AS PROJECTED BY THE FOLLOWING HOWARD COUNTY GEODETIC CONTROL STATIONS:

3482 (N) 565,468.155 (E) 1,321,931.507  
3484 (N) 563,852.454 (E) 1,324,672.172

6. BRL DENOTES BUILDING RESTRICTION LINE.
7. DENOTES IRON PIN W/CAP SET.
8. DENOTES IRON PIPE OR IRON BAR FOUND.
9. DENOTES ANGULAR CHANGE IN BEARING OF BOUNDARY OR RIGHTS-OF-WAY.
10. DENOTES STONE OR MONUMENT FOUND.

11. ALL AREAS SHOWN ARE MORE OR LESS.

12. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND 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 ENCROACHMENT INTO THE PRIVATE SEWAGE EASEMENT.

13. FOR LOT 1, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE IS TO BE PROVIDED AT THE JUNCTION OF THE LOT AND TEN OAKS ROAD RIGHT-OF-WAY ONLY AND NOT ONTO THE LOT'S DRIVEWAY.

# GENERAL NOTES (CONT)

14. DRIVEWAY(S) SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY FOR A NEW RESIDENTIAL DWELLING TO INSURE 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 (BRIDGES/CULVERTS) - 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 DRIVEWAY SURFACE
- F) STRUCTURE CLEARANCES - MINIMUM 12 FEET
- G) MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.

15. LOT 1 IS BEING CREATED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 105.E.6 OF THE HOWARD COUNTY ZONING REGULATIONS FOR THE SUBDIVISION OF LOTS WITHIN THE AGRICULTURAL LAND PRESERVATION DISTRICT.
16. DUE TO AVERAGE LOT SIZE, THIS SUBDIVISION IS EXEMPT FROM STORM WATER MANAGEMENT.
17. THIS SUBDIVISION IS EXEMPT FROM PLATTING THE RESIDUE PROPERTY (PARCEL 180) PER SECTION 16.102(d)(2) OF THE HOWARD COUNTY SUBDIVISION REGULATIONS (AGRICULTURAL PRESERVATION SUBDIVISIONS).
18. PERIMETER LANDSCAPING REQUIREMENTS FOR LOT 1 ARE SHOWN IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL ON A CERTIFIED LANDSCAPE PLAN ON FILE WITH THIS FINAL PLAT. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING MUST BE POSTED AS PART OF THE GRADING PERMIT IN THE AMOUNT OF \$3,300.00 (\$300.00 PER TREE).
19. NO OPEN SPACE REQUIREMENTS EXIST FOR THIS SUBDIVISION PER SECTION 16.121(a)(2) OF THE HOWARD COUNTY SUBDIVISION REGULATIONS.
20. THIS SUBDIVISION IS EXEMPT FROM THE FOREST CONSERVATION PROGRAM PER SECTION 16.1202(b) OF THE COUNTY CODE AS IT RELATES TO AGRICULTURAL PRESERVATION SUBDIVISIONS.
21. THIS PLAT IS SUBJECT TO SECTION 15.514(b) OF THE AGRICULTURAL LAND PRESERVATION PROGRAM.
22. THERE ARE NO WETLANDS OR FLOODPLAINS LOCATED WITHIN LOT 1.
23. REF: WP-99-99, APPROVED MAY 13, 1999, TO WAIVE SECTION 16.119(f)(3) OF THE HOWARD COUNTY SUBDIVISION REGULATIONS TO ALLOW A SECOND POINT OF ACCESS ONTO A RESTRICTED ACCESS ROAD TEN OAKS ROAD, A MAJOR COLLECTOR FOR ONE (1) NEW LOT ON AN AGRICULTURAL PRESERVATION EASEMENT PROPERTY.
24. Fifty foot Well Radius is for Agricultural Preservation purposes only, not to be confused with 100' Well Radius as Ho. Co. Health Dept. requires.

## PARCEL 160

FRED T. LEWIS  
MARY AGNES LEWIS  
98.2188 ACRES  
AGRICULTURAL PRESERVATION EASEMENT #H090-19E

LOT 14  
CLARKSVILLE MANOR  
PLAT NO. 7454, 8501-8503

LOT 13  
CLARKSVILLE MANOR  
PLAT NO. 7454, 8501-8503

## 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:	1.00 AC
TOTAL AREA OF OPEN SPACE LOTS TO BE RECORDED:	0.000 AC
TOTAL AREA OF LOTS TO BE RECORDED:	1.00 AC
TOTAL AREA OF ROADWAY TO BE RECORDED:	0.1192 AC
TOTAL AREA TO BE RECORDED:	1.1192 AC

## DEVELOPER

HERITAGE LAND DEVELOPMENT  
3243 BETHANY LANE  
ELLICOTT CITY, MARYLAND 21042

## OWNERS

FRED T. LEWIS AND MARY AGNES LEWIS  
6005 TEN OAKS ROAD  
CLARKSVILLE, MD. 21029



3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
Tel 410.461.5828 Fax 410.465.3966

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN FOR HOWARD COUNTY

Howard County Health Officer 6/8/99  
DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chief, Development Engineering Division 6/14/99  
DATE

Director 6/15/99  
DATE

## OWNER'S CERTIFICATE

WE, FRED T. LEWIS AND MARY AGNES LEWIS, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS FINAL 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 PIPE AND OTHER MUNICIPAL UTILITIES AND SERVICES IN AND UNDER ALL ROADS OR STREET RIGHT-OF-WAYS AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON;
- 2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE OF THE BEDS OF THE STREETS AND OR ROADS, THE FLOOD PLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND 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 FLOOD PLAINS, 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;
- 4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY. WITNESS OUR HANDS THIS 24 DAY OF MAY, 1999.

Fred T. Lewis  
Mary Agnes Lewis

Tina R. Feaga  
Tina R. Feaga

## SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF THE LAND CONVEYED BY FRED T. LEWIS AND MARY AGNES LEWIS, HIS WIFE TO FRED T. LEWIS AND MARY AGNES LEWIS BY DEED DATED JUNE 19, 1977 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 4005 AT FOLIO 159.

I FURTHER CERTIFY THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY, AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED, AND THIS PLAT IS IN ACCORDANCE WITH THE HOWARD COUNTY SUBDIVISION REGULATIONS.

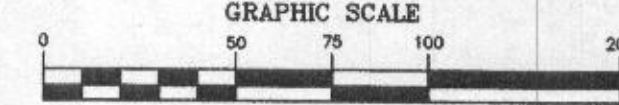
Mark C. Martin  
MARK C. MARTIN, PROFESSIONAL LAND SURVEYOR  
MARYLAND LICENSE NO. 10884



RECORDED AS PLAT NO. 13762 ON 6-17-99  
AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

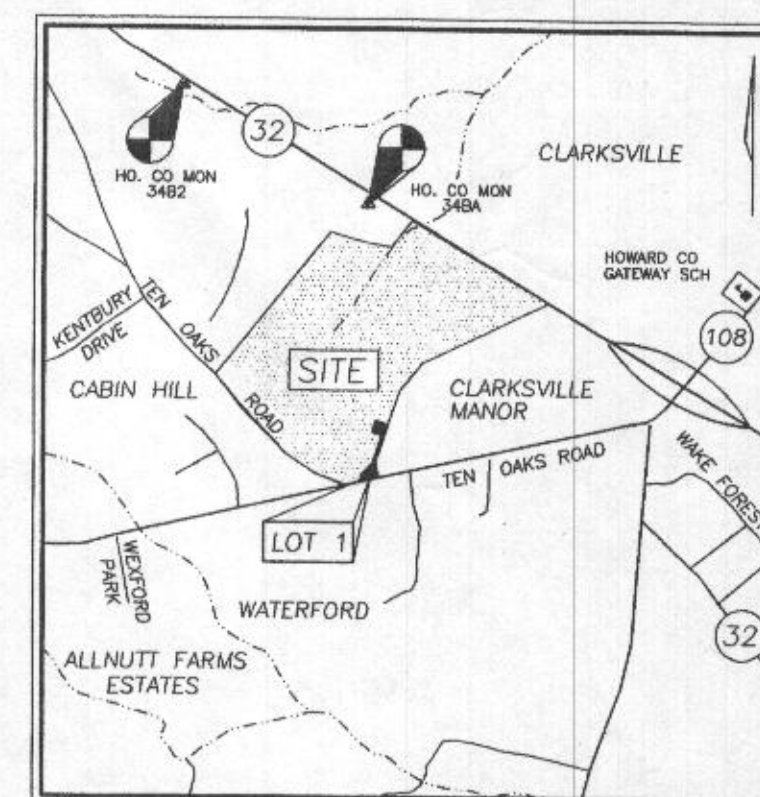
## LEWIS PROPERTY LOT 1

ZONED: RR-DEO  
TAX MAP NO:34 BLOCK 11 PARCEL NO:160  
FIFTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
DATE: MAY 21, 1999  
GRAPHIC SCALE



SCALE: 1"=50'  
SHEET 1 OF 1  
F 99-99

F-99-99



VICINITY MAP  
SCALE: 1"=2000'

