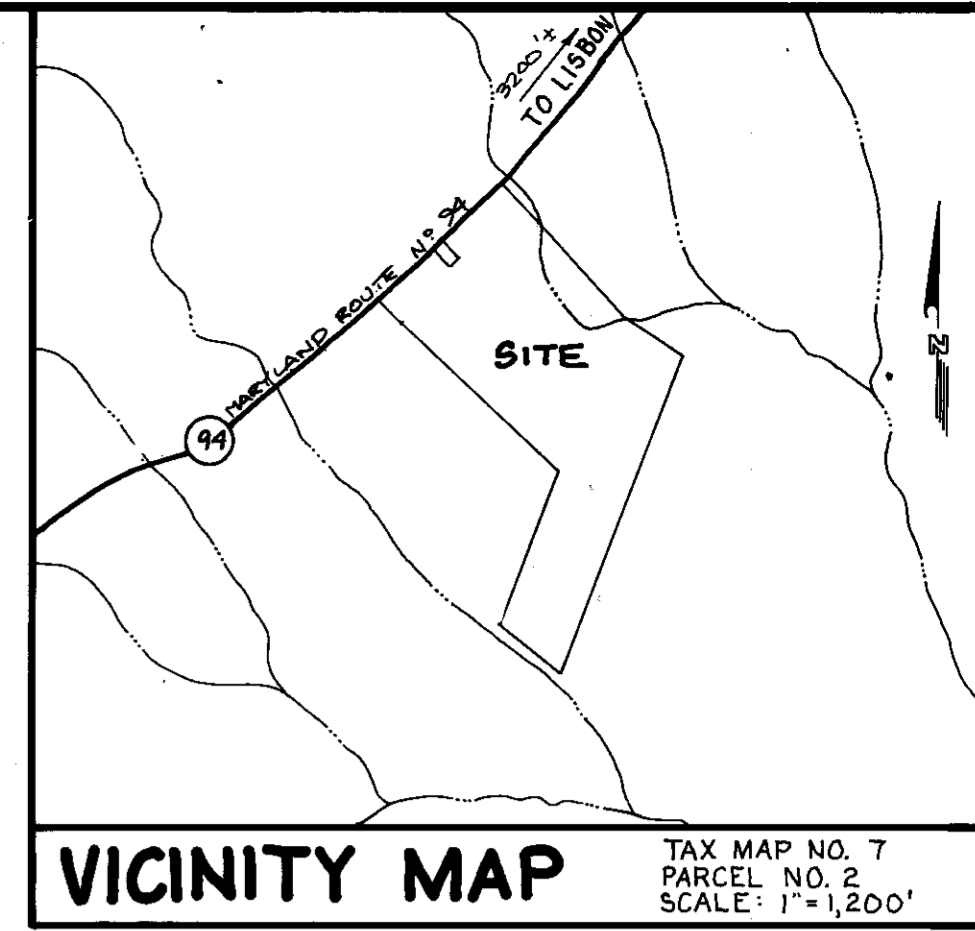


COORDINATES		
NO.	NORTH	EAST
2	544,660.4400	776,817.8300
3	545,188.2100	777,419.1500
4	544,399.3600	778,189.4000
5	544,193.0700	778,488.0900
6	542,173.8300	777,767.7900
221	544,464.4725	776,590.7881
301	542,480.7034	777,380.4973
306	544,351.8137	776,732.1837
307	543,442.6246	777,741.7362
378	544,704.2982	777,134.4016
379	544,651.9249	777,073.9282
399	544,837.2389	777,019.2676
400	544,784.4660	776,959.1402



**LOT AREA CHART**

**LOT 1:**  
 Gross Lot Area = 4.9928 Ac.±  
 100 Yr. Flood Plain = 0.4700 Ac.±  
 Net Lot Area = 4.5228 Ac.±

**LOT 2:**  
 Gross Lot Area = 5.5655 Ac.±  
 100 Yr. Flood Plain = 0.6500 Ac.±  
 Net Lot Area = 4.9154 Ac.±

**LOT 3:**  
 Gross Lot Area = 3.2682 Ac.±  
 25% Slope Area = 0.0400 Ac.±  
 Pan Handle Area = 0.2682 Ac.±  
 Net Lot Area = 2.9600 Ac.±

**LOT 7:**  
 Gross Lot Area = 6.1792 Ac.±  
 25% Slope Area = 0.1300 Ac.±  
 100 Yr. Flood Plain = 1.6600 Ac.±  
 Pan Handle Area = 0.6100 Ac.±  
 Net Lot Area = 3.7792 Ac.±

**LOT 11:**  
 Gross Lot Area = 3.2380 Ac.±  
 Pan Handle Area = 0.2380 Ac.±  
 Net Lot Area = 3.0000 Ac.±

**LOT 12:**  
 Gross Lot Area = 3.2242 Ac.±  
 Pan Handle Area = 0.1140 Ac.±  
 Net Lot Area = 3.1102 Ac.±

- GENERAL NOTES**
- Existing Zoning
  - Gross Area of Tract
  - Area of Proposed lots or parcels
  - Area of Proposed Roads -  
 A. Maryland Route #94  
 B. Lisbon Road  
 TOTAL
  - Number of Lots Proposed (Minimum 3.00 Acre Lots)
  - Water system: Private - 0.0
    - Sewerage system: Private (See Below)
- R - Rural  
 52.26 Acres.±  
 48.95 Acres.±  
 0.93 Acres.±  
 2.31 Acres.±  
 13 Lots
- Property Owner: Frall Developers, Inc.; Liber 1945 Folio 322
  - All Construction shall be done conforming to the Specifications and Standards for Sediment and Erosion Control.
  - This Plan is subject to VP - 80 - 41, WP - 89 - 51
  - See Office of Planning and Zoning File No. S - 82 - 16, F - 80 - 121, P - 83 - 10, F - 84 - 125.
  - NO GRADING, STRUCTURES OR REMOVAL OF VEGETATIVE COVER WILL BE PERMITTED WITHIN THE BUFFER AREAS.
  - SOIL CLASSIFICATION MAP N° 6

This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.

Observation test holes shown hereon have been field located and shown as: ⊕

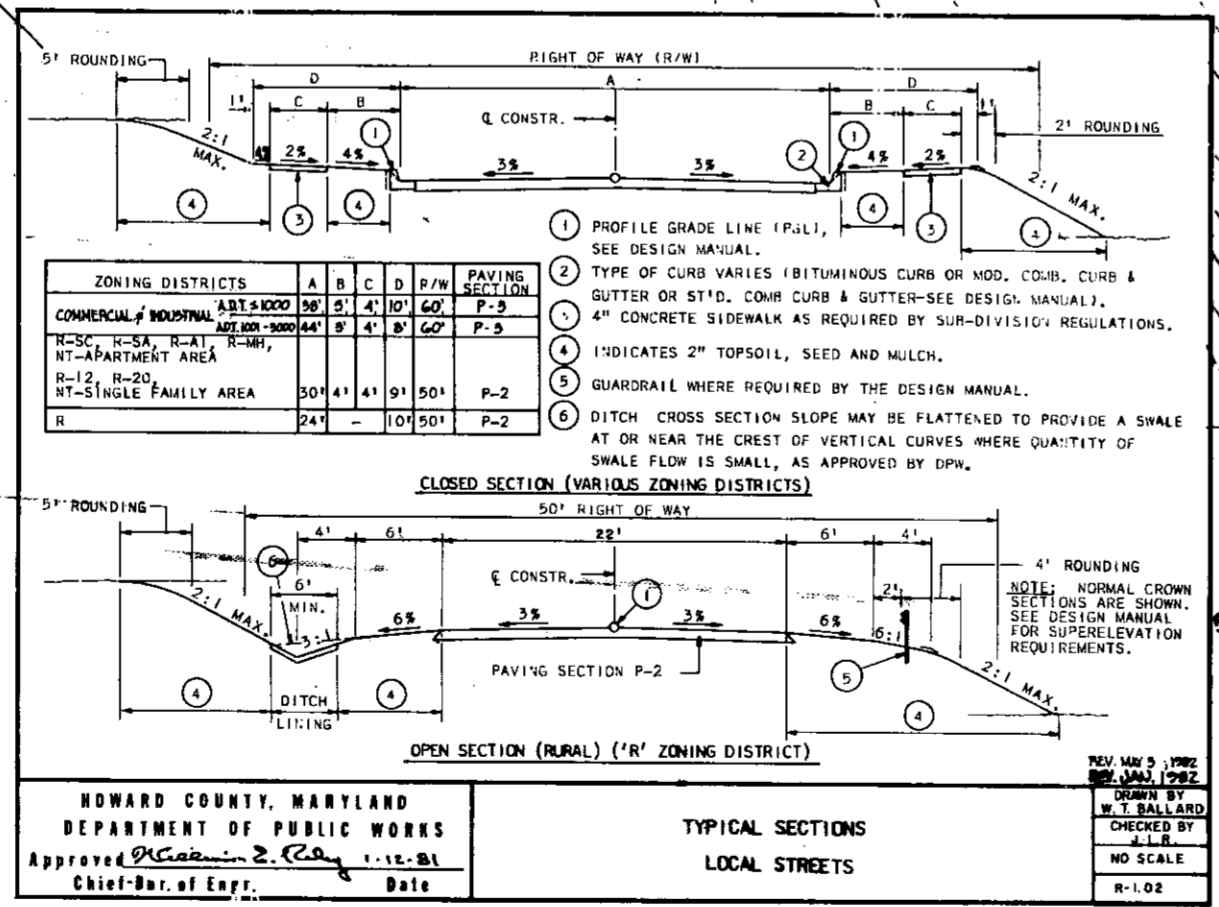
The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Percolation tests and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems.  
*Joseph Byrd* 5-23-89  
 County Health Officer Date

**PERCOLATION TEST DATA**  
 (August 1982)

Lot No.	Average Perc Time in Minutes for 2nd Trench	Maximum Depth Permitted in Feet
1	10	3 1/2
2	non-buildable - combine w/ lot 1	
3	non-buildable - combine w/ lot 4	
4	12	3 1/2
5	10	3 1/2
6	20	4 1/2
7	14	4 1/2
8	18	3 1/2
9	8	3
N/A	6	2 1/2
10	20	4
11	19	3 1/2
12	19	3 1/2
13	12	3 1/2
14	8	2 1/2



*Sourabh Munshi*  
 SOURABH G. MUNSHI P.E. No. 10,539  
 PROF. L.S. No. 10,770  
 1/24/89

OWNER / DEVELOPER:  
 FRALL DEVELOPERS, INC.  
 P.O. BOX 659  
 MT. AIRY, MD. 21771  
 (301) 795-1866



TEMPORARILY APPROVED  
 ON *May 9, 1989*  
 OFFICE OF PLANNING AND  
 ZONING  
*W. H. Smith*  
 PLANNING DIRECTOR  
 DATE 6/13/89

PRELIMINARY PLAN  
**LISBON ESTATES**  
 FOURTH ELECTION DISTRICT  
 HOWARD COUNTY MARYLAND

TAX MAP NO. 7, PARCEL NO. 154  
 SCALE: 1" = 100'  
 JAN. 1988

**W** VANMAR ASSOCIATES INC  
 Engineers-Surveyors-Planners  
 180 South Main Street, Mount Airy, Maryland 21771  
 (301) 829-1890 (301) 831-3015