



**DEVELOPER'S CERTIFICATE**  
 I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I also authorize periodic on-site inspection by the Howard County Soil Conservation District or their authorized agents, as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard County Soil Conservation District.

*William J. Blackert* 5/30/74  
 Date

**ENGINEER'S CERTIFICATE**  
 I certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard County Soil Conservation District.

*William J. Blackert* 6/7/74  
 Signature of Engineer Date

Reviewed for Howard County Soil Conservation District and meet Technical Requirements.

*James M. Nelson* 10-9-74  
 U.S. Soil Conservation Service Date

This development plan is approved for Soil Erosion and Sediment Control by the Howard County Soil Conservation District.

*Robert W. Zehn* 10-9-74  
 District Coordinator Date

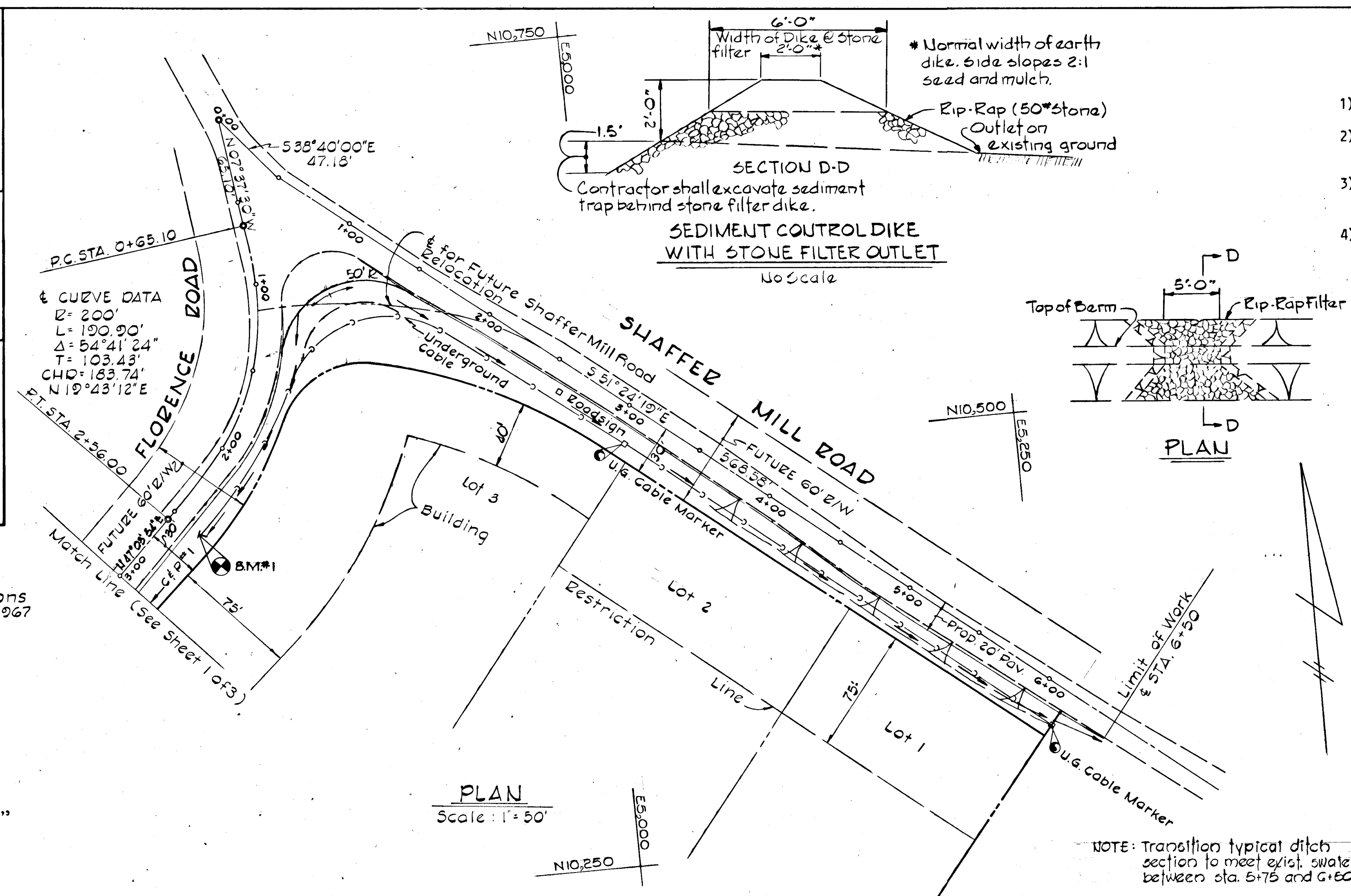
**GENERAL NOTES**

- All Construction Shown Hereon Shall be in Accordance with the Howard County Road Construction Code and Standard Specifications Dated November 27, 1962 and Revised August 1967.
- Reference to Page and Drawing Numbers Shown Hereon are Referred to the Above Mentioned Road Construction Code and Standard Specifications.
- Design Speed - 35 mph.

**BENCH MARKS**

B.M. #1 - Elev. 300.00 - R.R. Spike in C&P #126  
 60'± N.E. I.P. "D"

B.M. #2 - Elev. 309.53 - R.R. Spike in Pole #1  
 53'± N.W. P.O.L. 1+90 SPUR #1 to I.P. "E"



**SEDIMENT CONTROL NOTES**

- The developer shall notify the Howard County Soil Conservation District at least 24 hours prior to beginning any construction shown hereon (465-3180).
- Berms, sediment traps, etc., to be constructed prior to any onsite grading or disturbance to any existing surface material, and to be stabilized as soon after construction as possible.
- All sediment control structures to remain in place until permission for their removal has been obtained from the Howard County Soil Conservation District (465-3180 or 465-5000 Ext. 291).
- All graded areas not to be sodded shall be stabilized by seeding and mulching in accordance with the following:
  - Site Preparation:
    - Harrow or disc in areas proposed to be seeded the following materials at the specified rate, to a depth of 3"
      - Pulverized limestone at 1 1/2 tons/acre.
      - Commercial fertilizer 5-10-10 at 3/4 tons/acre.
      - Super phosphate at 600 lbs/acre.
  - Seeding:
    - Sow the following seed mixture at the rate of 200 lbs/acre with a mechanical spreader.
      - 20% Annual Rye Grass
      - 80% Kentucky 31 Fescue
    - The seeded area shall then be raked with a York Rake (minimum of 2 passes), covered and compacted with Cultipacker or other approved method.
  - Mulching:
    - Seeded areas shall be uniformly mulched immediately after seeding with unweathered small grain straw at the rate 1 1/2 to 2 tons/acre.
    - Tie mulch down with liquid asphalt at 0.1 gal/s.y. or emulsified asphalt at 0.04 gal/s.y.

DATE

DESIGNED BY: E.B. Walsh  
 DRAFTED BY: A.R. Zierden  
 CHECKED BY: R.B. Carter

Reg. No. 4575

PURDUM & JESCHKE  
 CONSULTING ENGINEERS AND  
 LAND SURVEYORS  
 1023 N. CALVERT STREET  
 BALTIMORE, MARYLAND 21271

OWNER AND DEVELOPER  
 WILLIAM J. BLACKERT, SR., ET. AL.  
 18001 Shaffers Mill Road  
 Mt. Airy, Maryland 21771

PLAN AND PROFILE  
 SHAFFER MILL ROAD

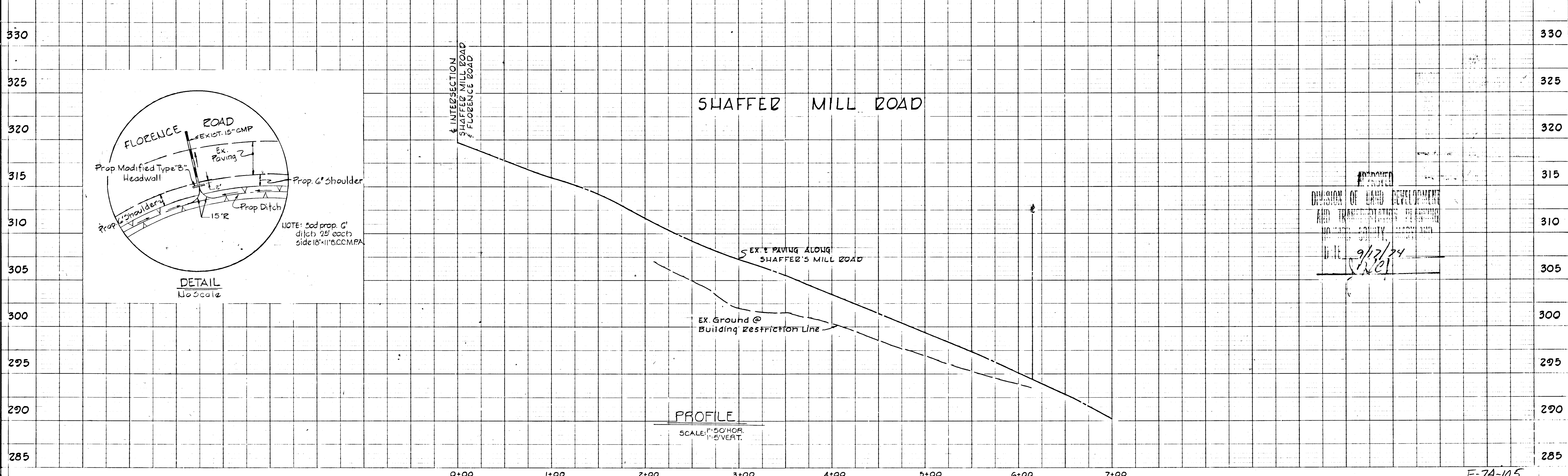
# SHAFFER'S MILL ESTATES

4th ELECTION DISTRICT  
 May 23, 1974

Sheet 2 of 3  
 HOWARD COUNTY, MARYLAND  
 SCALE: As Shown

*B. P. Mehlend* 10/16/74  
 Chief, Bureau of Highways Date

*J. H. Clawson* 10/14/74  
 Chief, Division of Land Development and Transportation Planning Date



DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING  
 HOWARD COUNTY, MARYLAND

9/17/74  
*[Signature]*

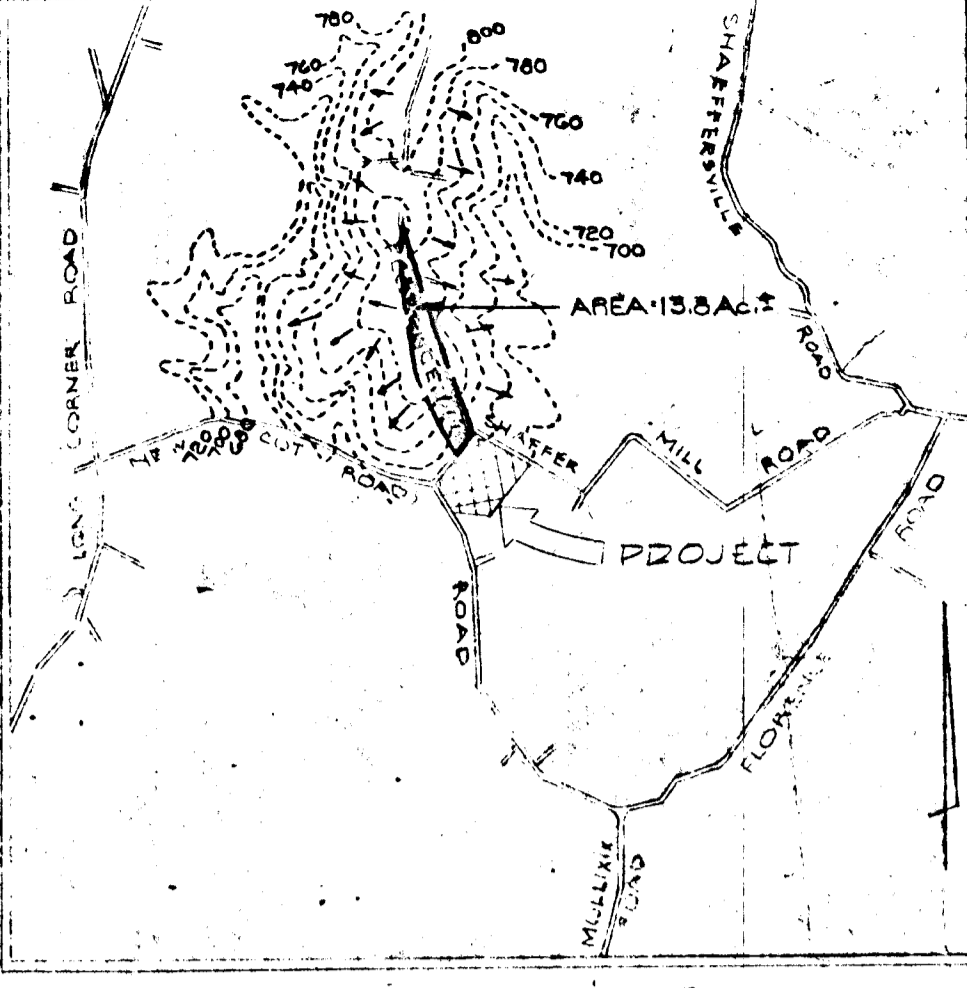
PERC TEST DATA			
LOT NO.	Block	Average Percolation Time in Minutes for Second Inch	Maximum Depth Permitted For Effluent Pipe to Either Sewage Disposal Area or to Highest Elevation of Ground with Reference to Existing Grade at Time of Percolation Test
1	-	14 Min.	5 1/2'
2	-	8 Min.	4 1/2'
3	-	7 Min.	3'
4	-	8 Min.	4 1/2'
5	-	11 Min.	4'
6	-	7 Min.	3'
7	-	8 Min.	3 1/2'
8	-	18 Min.	5'
9	-	9 Min.	3 1/2'

APPROVED For Individual Sewage and Public Sewer System

*William J. Blackert, Sr.*

J. BELT LOFFER, County Health Officer

Note: The lots shown hereon are not to be construed as showing ownership within and lot areas as required by the Maryland State Department of Health Regulations.



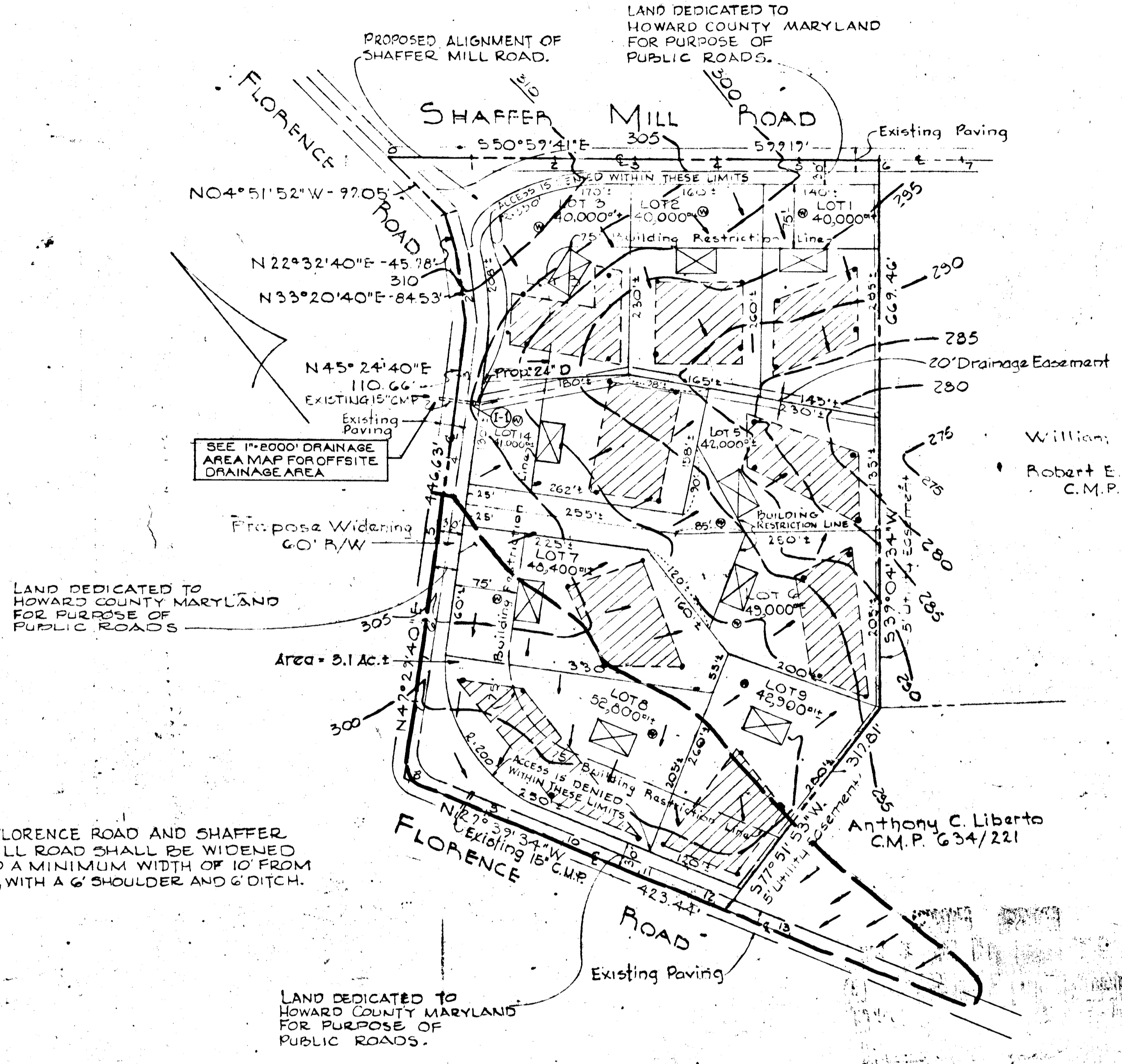
DRAINAGE AREA MAP  
SCALE 1"=2000'

**GENERAL NOTES**

- 1) Zoned R-40.
- 2) Total Number Of Lots 9.
- 3) Contours Shown Hereon Are Based On Assumed Datum.
- 4) Property Is Located On Tax Map C, Part Of Parcel 73.
- 5) Grades Within This Development Do Not Exceed 25% In As Much As They Relate To Minimum Lot Area In Accordance With Maryland State Department Of Health Regulations.
- 6) Area Of Lots 9.1 Ac.±
- 7) Area Of Land Dedicated To Howard County, Maryland For Purpose Of Public Road 1.2 Ac.±
- 8) Total Area = 10.3 Ac.±
- 9) Private Sewage And Private Water Will Be Used Within This Development.

**LEGEND**

- 1) [Hatched Area] This Area Designates A Private Sewage Easement Of Approximately 10,000 Sq. Ft. As Required By The Maryland State Health Department For Individual Sewage Disposal. Improvements Of Any Nature In This Area Are Restricted Until Public Sewerage Is Available And Servicing Any Residential Structure Constructed On These Building Sites. This Easement Shall Become Null And Void Upon Connection To A Public Sewage System.
- 2) [Circle with dot] Denotes Location Of Test Hole.
- 3) [Square with cross] Approximate Location Of Dwellings.
- 4) [Circle with cross] Denotes Approximate Location Of Well.



NOTE: FLORENCE ROAD AND SHAFER MILL ROAD SHALL BE WIDENED TO A MINIMUM WIDTH OF 10' FROM E, WITH A 6' SHOULDER AND 6" DITCH.

William J. Blackert, Sr.  
Robert E. Blackert - T/C  
C.M.P. 57B/498

Anthony C. Liberto  
C.M.P. 634/221



MURDUM JESCHKE  
ENGINEERS &  
LAND SURVEYORS  
3697 PARK AVE  
MELLCOTT CITY, MD. 21043

OWNER / DEVELOPER  
William J. Blackert, Sr. Et Al.  
18001 Shaffers Mill Road  
Mt Airy, Maryland - 21071

<i>A. P. Madala</i>	10/16/74	<i>W. J. Blackert</i>	10/14/74
Chief, Bureau of Highways	date	Chief, Division of Land Development and Transportation Planning	date

APPROVED  
DIVISION OF LAND DEVELOPMENT  
AND TRANSPORTATION PLANNING  
HOWARD COUNTY, MARYLAND  
DATE 9/17/74  
*[Signature]*

DRAINAGE AREA MAP  
SHAFER'S MILL ESTATES

4<sup>th</sup> ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
MARCH 1, 1974 Sheet 3 of 3 SCALE 1"=100'  
E-74-105