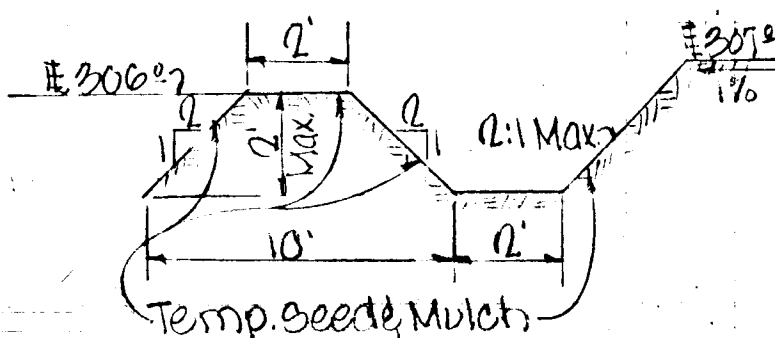


**DETAILS OF BLEEDER BERM & SEDIMENT TRAP\***

NO SCALE

\* Required Storage Capacity - 70% Trap Efficiency  
Proposed Storage Capacity - 70% Trap Efficiency



SECTION 'A-A'

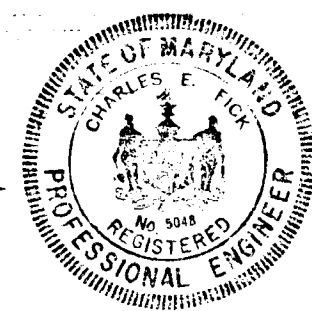
**DIVERSION BERM \***

NO SCALE

**ENGINEER'S CERTIFICATE**

I hereby certify that this plan for silt and erosion control meets the requirements, standards and specifications of the Howard County Soil Conservation District.

Charles E. Fick 1/18/72  
Professional Engr. Reg. No. 5048 Date



**OWNER'S CERTIFICATE**

I hereby certify that all construction of silt & sediment control will be done according to this plan.

Samuel B. Slackley 1/20/72  
Great Oaks Associates Date

**HOWARD COUNTY**

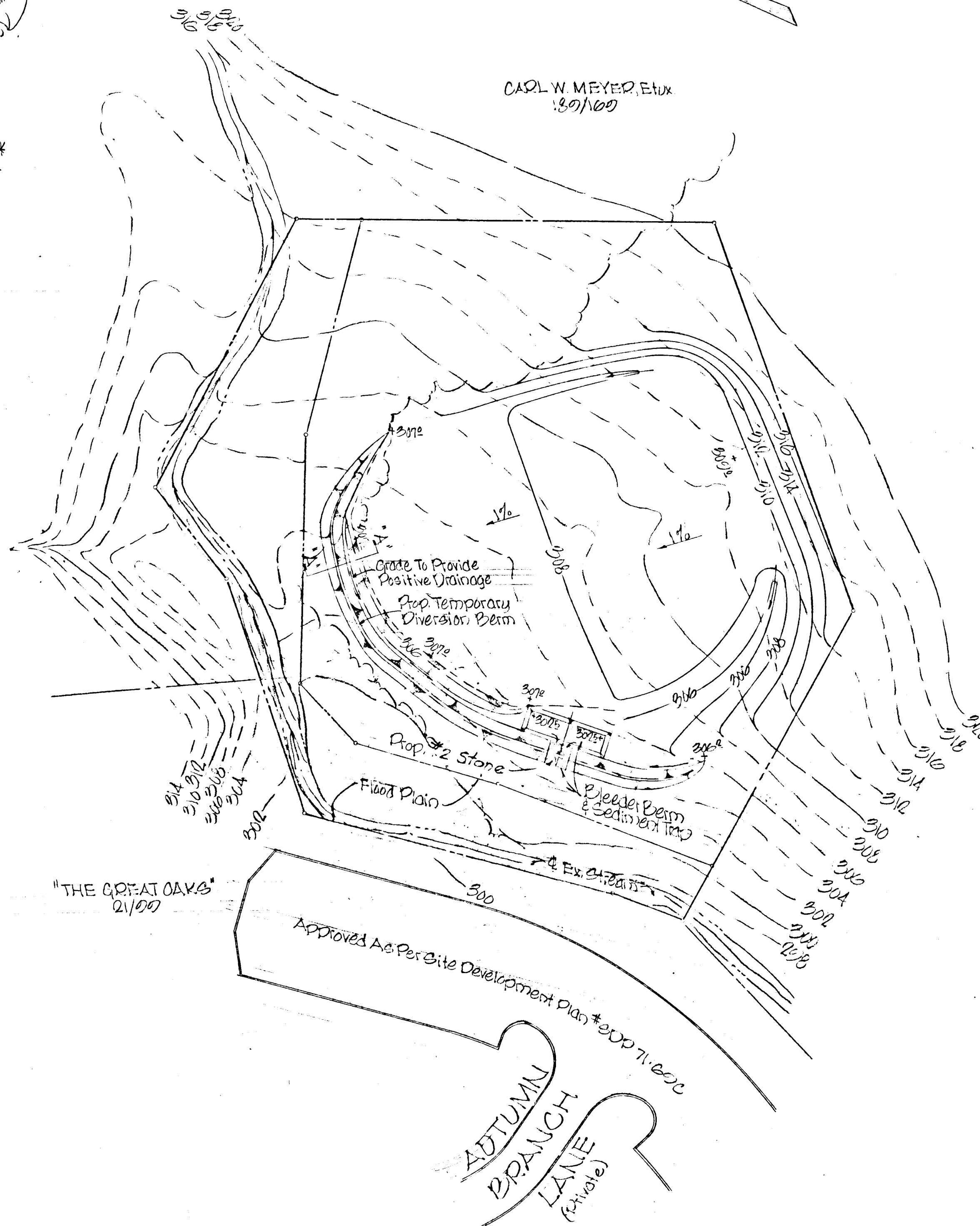
This plan is hereby approved for soil erosion and sediment control by the Howard Co. Soil Conservation Dist.

Jane M. Helm 2-10-72  
District Conservationist Date

Russell W. Ziehm 2-10-72  
Howard Soil Conservation District - Date

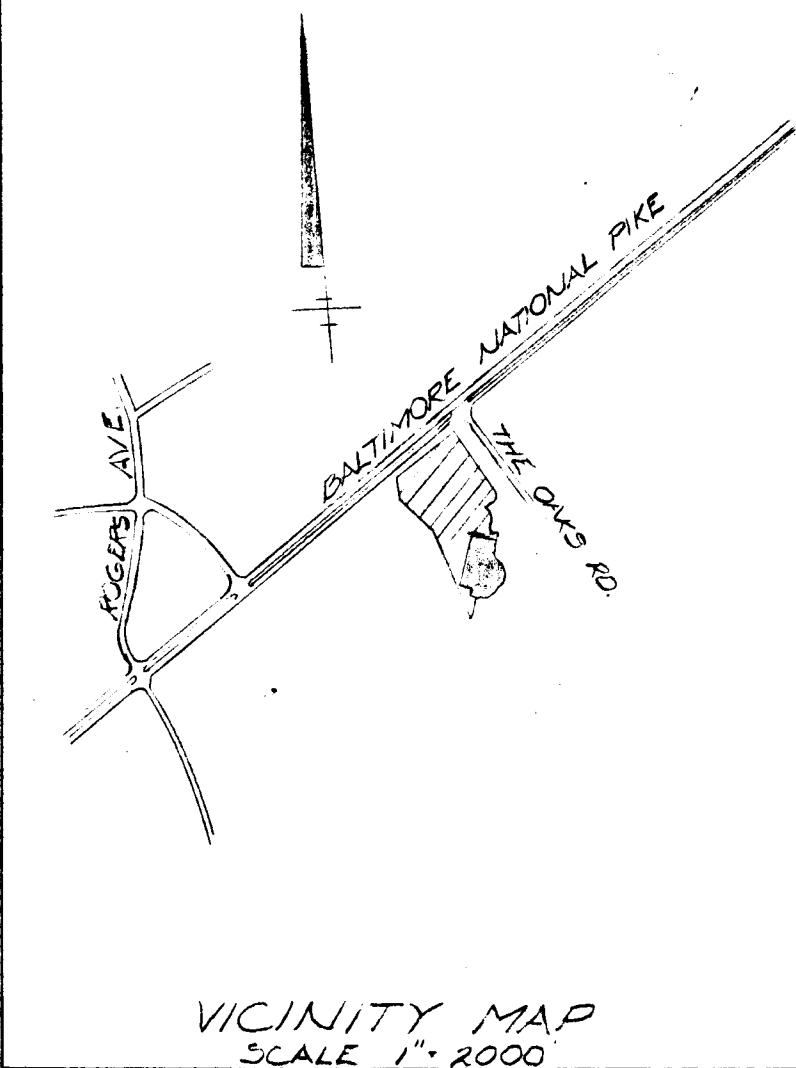
**ENGINEER**  
GEORGE WM. STEPHENS, JR.  
AND ASSOCIATES, INC.  
300 Allegheny Ave.  
Towson, Md., 21284

CARL W. MEYER, ETUX  
2/9/1972



**LEGEND**

Existing Ground Shown Thus: - - - - -  
Proposed Grades Shown Thus: \_\_\_\_\_



**GENERAL NOTES**

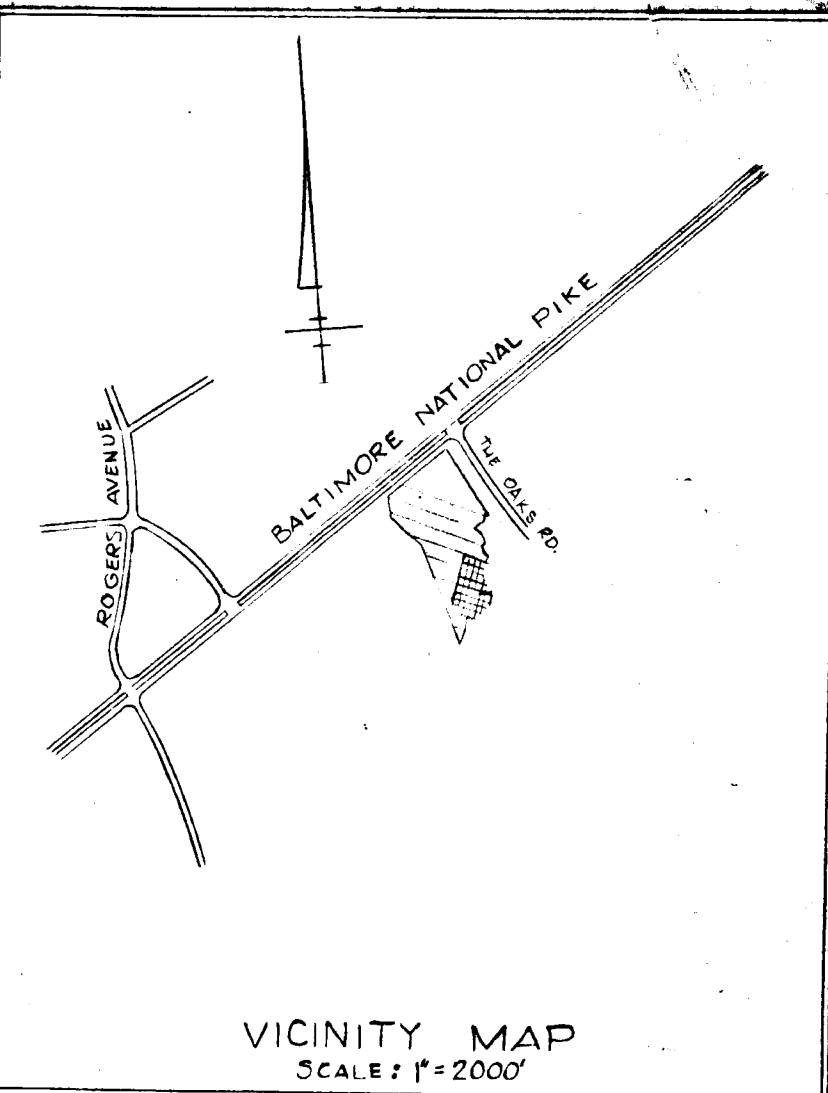
1. Install Rip-Rap, and Diversion Berm at location shown. Outlet to be placed on and tied to Existing Ground.
2. Stabilize all disturbed Areas with temporary or permanent seeding as shown immediately following the grading of these areas as follows:
  - a) Apply 2000 lbs./Ac. of Pulverized dolomitic limestone. (46 lbs./1000 SF)
  - b) Apply 800 lbs./Ac. or 18.4 lbs./1000 SF of 10-10-10 or equivalent fertilizer.
  - c) Harrow or disc lime & fertilizer into the soil to a depth of at least 3 inches. On slopes this should be done along the Contour.
  - d) For temporary seeding apply Italian Ryegrass seed at the rate of 35 lbs./Ac. (0.90 lbs./1000 SF)
  - e) For Permanent seeding apply Kentucky 31 tall Fescue seed at the rate of 60 lbs./Ac. (1.4 lbs./1000 SF)
  - f) Immediately after seeding, uniformly mulch these areas with un-weathered small grain straw at the rate of 2 tons/Ac.
  - g) Apply liquid asphalt binder at the rate of 0.1 gal./SF.
3. Grade drainage swales as soon as possible to direct drainage to ultimate points of outfall.
4. During building construction, disturbed areas will be kept to a minimum and maintained at all times. Immediately following building construction, finished grading and permanent planting will be done.
5. All work to be done according to plans and specifications approved by the Howard County Soil Conservation District and the Department of Public Works. (See Howard County Sediment Control Manual for approved specifications.)
6. Prior to beginning any grading, at least 24 hours notice is to be given to the Howard County Soil Conservation District and the Department of Public Works.
7. No sediment control measures shall be removed without the approval of the Howard County Soil Conservation District.
8. Sediment control measures shall be installed prior to any other grading on the site.

**SOIL EROSION PLAN**  
COMMUNITY RECREATION AREA  
FOR

"THE GREAT OAKS"

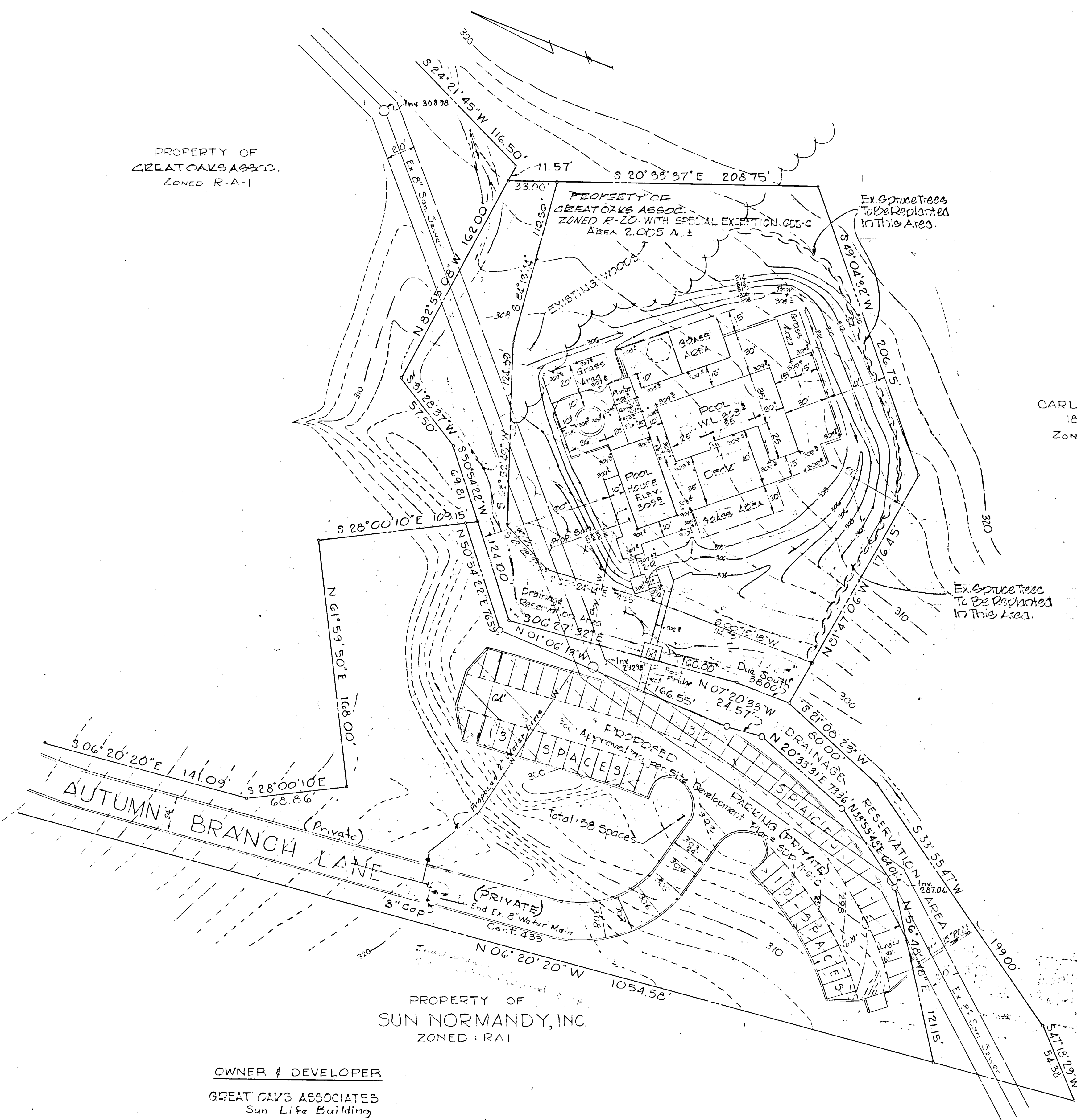
HOWARD CO., MARYLAND 2ND ELECTION DIST.  
SCALE: 1" = 40' DECEMBER 20, 1971

**OWNER & DEVELOPER**  
GREAT OAKS ASSOCIATES  
Sun Life Building  
Baltimore, Md., 21201



VICINITY MAP  
SCALE: 1"=2000'

**Notes**  
 1. No fences shown on this Plan.  
 2. Paving section for private roads & parking lots to be 6' crusher run, rolled and choked, with 2" bituminous concrete top.



PROPERTY OF GREAT OAKS ASSOC.  
ZONED R-A-1

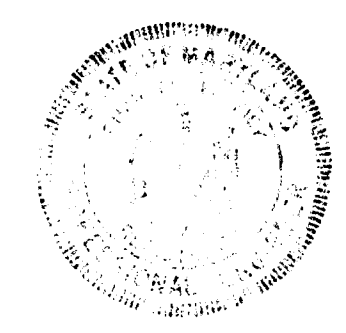
PROPERTY OF GREAT OAKS ASSOC.  
ZONED R-20 WITH SPECIAL EXCEPTION, GSE-C  
AREA 2.005 A.C.

CARL W. MEYER  
189/169  
ZONED R-20

PROPERTY OF SUN NORMANDY, INC.  
ZONED: RA1

**OWNER & DEVELOPER**  
 GREAT OAKS ASSOCIATES  
 Sun Life Building  
 Baltimore, Maryland  
 21201

Charles E. Ficks 12-15-71  
Reg. No. 5048 Date



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT COUNTY HEALTH OFFICER	<i>[Signature]</i> Feb 7 1972 DATE
APPROVED FOR ZONING HOWARD COUNTY OFFICE OF PLANNING AND ZONING	<i>[Signature]</i> 3-7-72 DATE
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	<i>[Signature]</i> 3/6/72 DATE
APPROVED FOR HIGHWAYS CHIEF BUREAU OF HIGHWAYS	<i>[Signature]</i> 3/1/72 DATE

APPROVED  
 DIVISION OF LAND DEVELOPMENT  
 AND TRANSPORTATION PLANNING  
 HOWARD COUNTY, MARYLAND  
 DATE 2/1/72

**SITE DEVELOPMENT PLAN**  
 COMMUNITY RECREATION AREA  
 FOR  
 THE GREAT OAKS  
 HOWARD CO. MD. 2<sup>ND</sup> ELECTION DISTRICT  
 SCALE: 1"=100' NOVEMBER 7, 1971  
 REVISED 12/10/1971

GEORGE WILLIAM STEPHENS JR.  
AND ASSOCIATES, INC.  
ENGINEERS  
303 ALLESHENY AVE.  
TOWSON 4, MARYLAND

SDP 72-10

