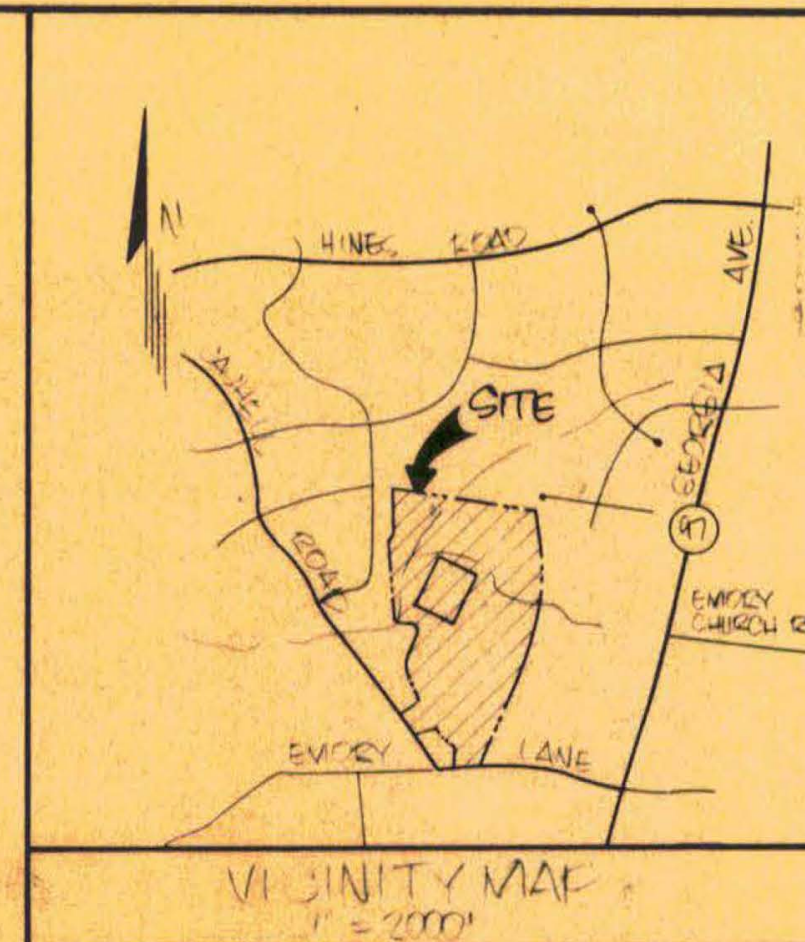




- LEGEND**
- STREAM BUFFER
 - TREE STAND DELINEATION
 - PROPERTY LINE
 - 5A Soil
2C Soil
 - SOIL BOUNDARY
 - PROPOSED STRUCTURES
 - ● ● ● ● LIMIT OF DISTURBANCE
 - W W W W W LIMIT OF WETLANDS

- SOILS KEY**
- FROM: MARYLAND NATIONAL CAPITAL PARK AND PLANNING COMMISSION
UPDATE: INTERIM REPORT, APRIL 1990
BY: USDA SOIL CONSERVATION SERVICE
- 2B GLENNVILLE SILT LOAM
 - 2C GLENNVILLE SILT LOAM
 - 5A GLENNVILLE SILT LOAM
 - 5A BATTLE CREEK LOAM
 - 5A HATFIELD CREEK LOAM
 - 5A WHEATON URBAN LAND COMPLEX
 - UB URBAN LAND COMPLEX

THE MARYLAND NATIONAL CAPITAL
PARK AND PLANNING COMMISSION
ENVIRONMENTAL PLANNING DIVISION

APPROVED

Plan No. CBA-1821
Signature: [Signature] DATE: 4/14/94

DEVELOPMENT PROGRAM

PROPOSED CONSTRUCTION START: JUNE, 1994
PROPOSED CONSTRUCTION COMPLETION: NOVEMBER, 1994.

DEPCO WILL NOTIFY MNCPP & PC PRIOR TO CONSTRUCTION START AND IMMEDIATELY FOLLOWING COMPLETION.

TREE PROTECTION MEASURES

THE LIMITS OF DISTURBANCE ARE CONFINED TO THE AREA SHOWN ON THIS PLAN. ALL CONSTRUCTION ACTIVITY WILL BE TAKING PLACE WITHIN THIS LIMIT OF DISTURBANCE WHICH IS A MINIMUM OF 100 FEET FROM ANY TREE STAND. THEREFORE, NO TREE PROTECTION DEVICES ARE NECESSARY, AND NONE ARE PROPOSED. NO TREES ARE PROPOSED TO BE REMOVED BY THIS PLAN.

FOREST CONSERVATION WORKSHEET

A. TOTAL AREA OF TRACT: 28.02 acres
B. AREA WITHIN 100 YEAR FLOODPLAIN: 2.400 ac. D.A. or Use III-P water: 0 acres
C. AREA OF LAND TO BE USED FOR AGRICULTURE: 0 acres
D. AREA WITHIN ROW/EASEMENT FOR WHICH WSC OR MCDOT/SHA WILL BE RESPONSIBLE: 0 acres
E. NET TRACT AREA (A-B-C-D): 28.02 acres
F. LAND USE CATEGORY: 100 (from Table 2)
G. AFFORESTATION THRESHOLD (1% from Table 3.15 x E): 11.97 acres
H. CONSERVATION THRESHOLD (1% from Table 3.15 x E): 11.97 acres
I. EXISTING FOREST COVER: 36.8 acres (32.1 including landscape buffers)
J. FOREST COVER ABOVE AFFORESTATION THRESHOLD (I-G): 24.83 acres (20.14)
K. FOREST COVER ABOVE CONSERVATION THRESHOLD (I-H): 24.83 acres (19.14)

CALCULATION OF BREAK-EVEN POINT (Forested acres to be saved for no planting requirements):

L. IF K > 0 AND I < G, BREAK-EVEN POINT EQUALS: 11.97 acres
IF I < G, THERE IS NO BREAK-EVEN POINT AND AFFORESTATION PLANTING IS REQUIRED. REFER TO P. BELOW.
IF K > 0, BREAK-EVEN POINT EQUALS (K x 20%) + H: 22.14 acres

M. FOREST COVER TO BE RETAINED: 36.8 acres (32.14)
N. TOTAL AREA OF FOREST TO BE CLEARED: 0 acres
IF N IS GREATER THAN L, REFORESTATION PLANTING IS REQUIRED. SEE Q-W, BELOW.

CALCULATION OF AFFORESTATION REQUIREMENT:

P. AFFORESTATION REQUIREMENT: G - I = 0 acres

CALCULATION OF REFORESTATION REQUIREMENT:

Q. AREA OF FOREST ABOVE CONSERVATION THRESHOLD TO BE CLEARED
IF K < 0, use K; IF K > 0, use 0: 0 acres
R. AREA OF FOREST BELOW CONSERVATION THRESHOLD TO BE CLEARED (I-G): 0 acres
S. FORESTED AREA ABOVE CONSERVATION THRESHOLD TO BE SAVED (M-H): 0 acres
T. PLANTING REQUIRED FOR CLEARING ABOVE THRESHOLD: Q x X = 0 acres
U. PLANTING REQUIRED FOR CLEARING BELOW THRESHOLD: R x Z = 0 acres
V. CREDIT FOR FOREST SAVED ABOVE CONSERVATION THRESHOLD: 11.97 acres
W. TOTAL REFORESTATION REQUIREMENT: T + U - V = 0 acres

TOTAL PLANTING REQUIREMENT:

X. AFFORESTATION AND REFORESTATION: P + W = 0 acres
Y. CREDIT FOR TREES AND LANDSCAPING: 11.97 acres
Z. TOTAL FOREST PLANTING REQUIREMENT: X - Y = 0 ACRES

1. Use 0 for all negative numbers that result from the calculations.
2. See Appendix A - Glossary, for definition of terms.
3. Refer to Section II.B(4) of this manual for detailed explanation.

Source: TREES Technical Manual by MNCPP & PC Draft Manual, June 1992.