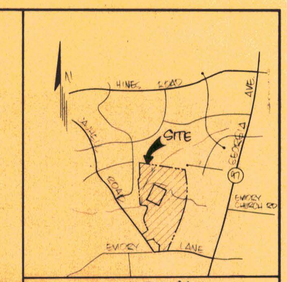

DEVELOPMENT PROGRAM

PROPOSED CONSTRUCTION START : JUNE, 1994

PROPOSED CONSTRUCTION COMPLETION : NOVEMBER, 1994

PEPCO WILL NOTIFY MNCP&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.

LEGEND

- STREAM BUFFER
- TREE STAND DELINEATION
- PROPERTY LINE
- SOIL BOUNDARY (5A Soil / 2C Soil)
- PROPOSED STRUCTURES
- LIMIT OF DISTURBANCE
- LIMIT OF WETLANDS

THE MARYLAND NATIONAL CAPITAL PARK AND PLANNING COMMISSION
ENVIRONMENTAL PLANNING DIVISION
APPROVED
Plan No. CBA-3821
SIGNATURE _____ DATE 4/14/94

SOILS KEY

FROM MONTGOMERY COUNTY SOIL SURVEY UPDATE - INTERIM REPORT - APRIL 1990 BY USDA SOIL CONSERVATION SERVICE

- 2B GLENELLA SILT LOAM
- 2C GLENELLA SILT LOAM
- 5A GLENVILLE SILT LOAM
- 6A BALTIMORE SILT LOAM
- 6A/A HATBORO SILT LOAM
- GG/UB WHEATON URBAN LAND COMPLEX
- UB URBAN LAND COMPLEX

FOREST CONSERVATION WORKSHEET

A. TOTAL AREA OF TRACT: 39.82 acres
B. AREA WITHIN 100 YEAR FLOODPLAIN (≥ 400 sq. D.A. or Use III/III-P waters): 0 acres
C. AREA OF LAND TO BE USED FOR AGRICULTURE: 0 acres
D. AREA WITHIN ROW/EASEMENT FOR WHICH WSSC OR MCDOT/SHA WILL BE RESPONSIBLE: 0 acres
E. NET TRACT AREA (A-B-C-D): 39.82 acres
F. LAND USE CATEGORY: TSA (from Table 2)
G. AFFORESTATION THRESHOLD (% from Table 3 [15] x E): 11.97 acres
H. CONSERVATION THRESHOLD (% from Table 3 [20] x E): 15.96 acres
I. EXISTING FOREST COVER: 36.8 acres (SC.1 (excluding landscape buffer))
J. FOREST COVER ABOVE AFFORESTATION THRESHOLD (I-G): 24.83 acres (20.1 ac)
K. FOREST COVER ABOVE CONSERVATION THRESHOLD (I-H): 20.84 acres (16.1 ac)

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 I: N/A 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: 20.13 acres

M. FOREST COVER TO BE RETAINED: 36.80 acres (32.1 ac)
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 ≥ N, use N; K < N, use K): 0 acres
R. AREA OF FOREST BELOW CONSERVATION THRESHOLD TO BE CLEARED IN Q: 0 acres
S. FORESTED AREA ABOVE CONSERVATION THRESHOLD TO BE SAVED (M-H): ____ acres
T. PLANTING REQUIRED FOR CLEARING ABOVE THRESHOLD: Q x ¼ = 0 acres
U. PLANTING REQUIRED FOR CLEARING BELOW THRESHOLD: R x 2 = 0 acres
V. CREDIT FOR FOREST SAVED ABOVE CONSERVATION THRESHOLD(S): N/A 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[3]: N/A 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 III.B(4) of this manual for detailed explanation.

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

LOIEDERMAN ASSOCIATES, INC.
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Designed KBB, JMD
Drafted MM
Checked KBB, JMD
Proj. Eng
OFFICE 2/24/94
DATE 2/24/94

NO. REVISIONS BY DATE

FOREST CONSERVATION PLAN

NORBECK SUBSTATION #158
9TH ELECTION DISTRICT

FEB 24 1994

SCALE 1" = 100'
SHEET 1 OF 1 SHEETS
JOB NO. 91-0