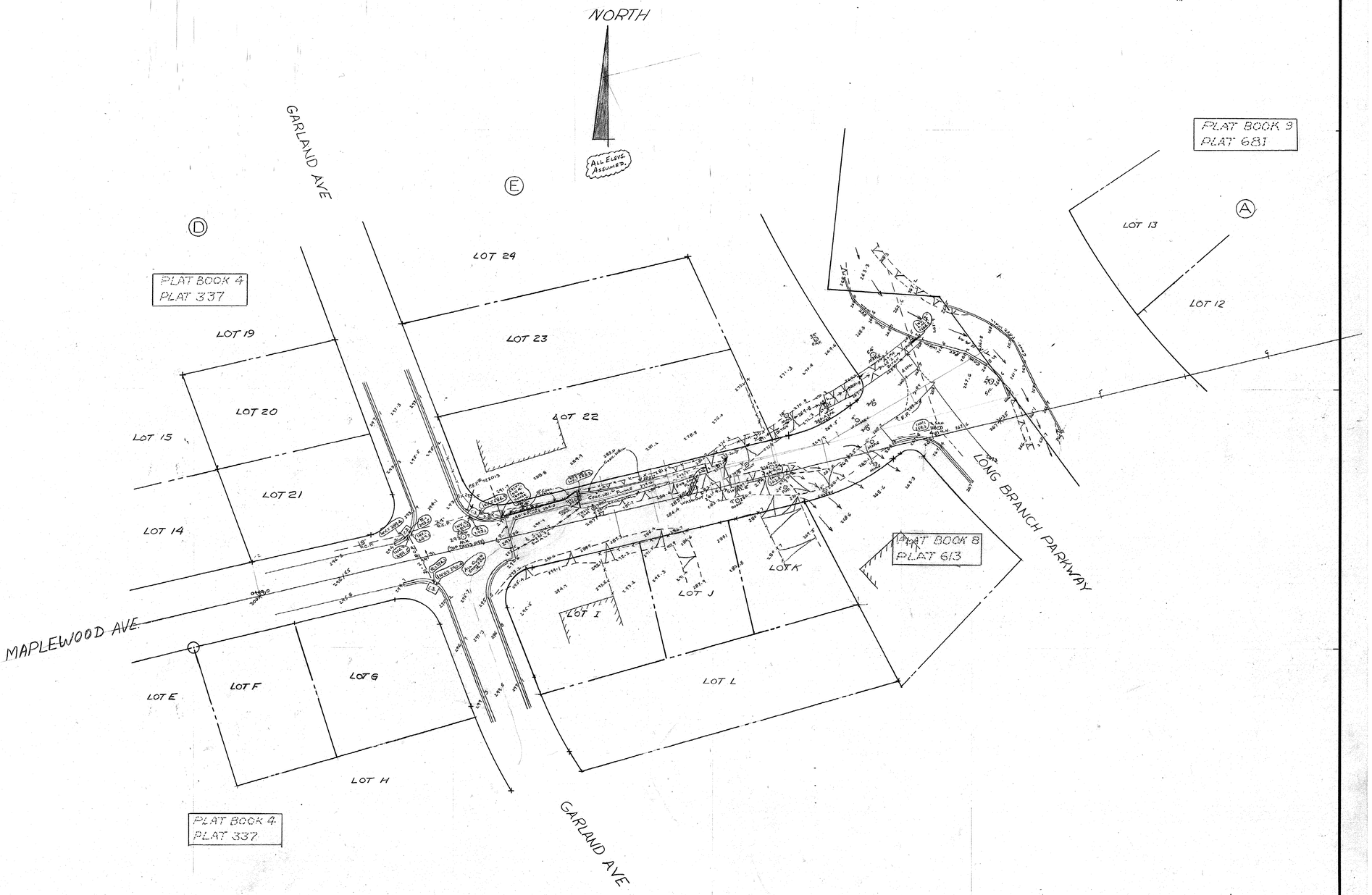
K&E C-T 10 1183 8-72 51906



NUMBER	REVISION	DATE

LAKE I-74

DES.
DR.
CHK.
REVISIONS

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MD.

TOPO
GARLAND AVENUE

Scale 1"=30' Dec 12, 73

APPROVED

CHIEF, DIV. OF TRANS. ENG'G. DIRECTOR, DEP'T. OF TRANS.

PROJECT: 736-17 DWG: OF

SD FILE NO. 97

CE 487-96-1

K&E C-T 19 1183 8-72 51906•

SEDIMENT CONTROL NOTES

1. All erosion and sediment control measures are to be constructed and maintained in accordance with the latest edition of the "Standards and Specifications for Soil Erosion and Sediment Control in Urbanizing Areas".
2. All points of construction ingress and egress will be protected to prevent tracking of mud onto public ways.
3. All sediment will be prevented from entering any storm drainage system (i.e. through use of sand bags, gravel, boards or other methods.)
4. Trench widths shall be kept to a minimum to safeguard trees and minimize grading. Contractor shall install sheeting and shoring as dictated by safety requirements; 50' max length of excavated trench to be left open at any one time.
5. Approval of the Sediment Control Plan for this project is conditional upon the approval of a sediment control plan for off site waste and/or borrow areas. Before the final award of the contract, the contractor must submit the plan(s) approved by the Sediment Control Section, Department of Environmental Protection, for conformance to the Sediment Control Ordinance, Chapter 19 ., Montgomery County Code 1972 as amended for all off site waste and/or borrow areas.
6. Sod or seed and mulch, as required, all disturbed areas not to be paved in accordance with "Standards and Specifications For Soil Erosion and Sediment Control in Urbanizing Areas."
7. Contractor is responsible for assuring that erosion and sediment is controlled during construction.

GENERAL NOTES FOR STORM DRAIN CONSTRUCTION

1. All storm drains shall be constructed in accordance with the latest edition of the General Specifications of Maryland State Highway Administration, and Montgomery County.
2. Types of structures refer to the Standard Storm Drainage Details of the W.S.S.C., Maryland State Highway Administration, or Montgomery County, unless otherwise noted.
3. Where the drop on the main through a structure can be accommodated by an invert slope of 1 1/2: 1 or flatter, a rounded channel lined with sewer brick on edge shall be built to the crown of the pipes.
4. Information concerning underground utilities was obtained from available records, but the Contractor must determine the exact location and elevations of the mains by digging test pits by hand at all utility crossings well in advance of trenching. If clearances are less than shown on this plan or six (6) inches, whichever is less, contact the utility owner to arrange for acceptable crossing or adjustment.
5. All conflicting utilities will be moved or otherwise adjusted to provide clearances by their owners.

DESIGN CERTIFICATION

I hereby certify that the Sediment Control Plan for this project has been prepared in accordance with "Standards and Specifications for Soil Erosion and Sediment Control in Urbanizing Areas" and Montgomery County Department of Transportations "Interim Storm Drain Design Criteria" dated July 1, 1968, and that the total amount of excavation and fill as shown on these plans has been compututed to be approximately 98 yds³ of Fill & 200 yds³ of Excavation

Robert C. Merryman
Maryland P.E. 7937

5/15/74
Date

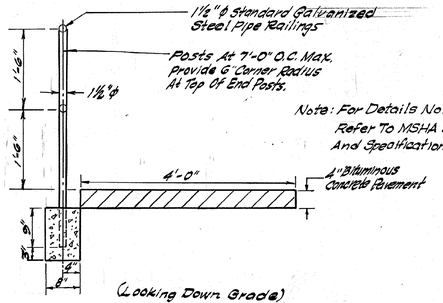
STATE OF MARYLAND — No. 7937 — REGISTERED PROFESSIONAL ENGINEER

BUILDER'S CERTIFICATION

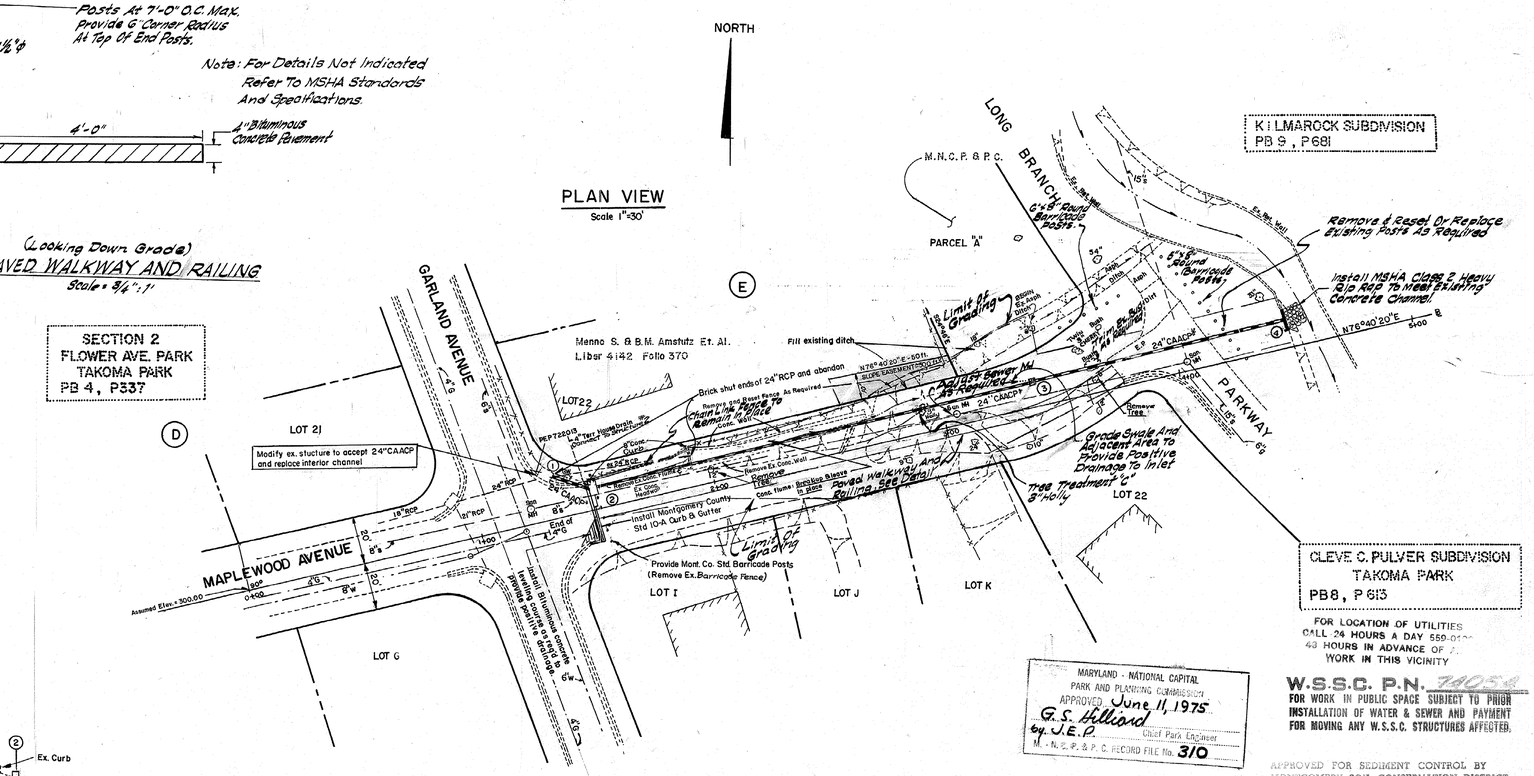
I hereby certify that all clearing, grading construction and/or development will be done pursuant to this plan.

Richard J. Lynch, Director Dept of Trans.
Montgomery County

5/22/74
Date



(Looking Down Grade)
PAVED WALKWAY AND RAILING
Scale = 3/4":1'

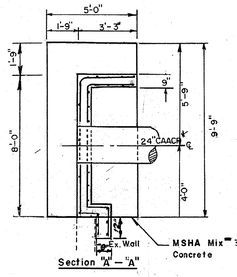


PROFILE
Scale Horz 1"=50'
Vert. 1"=5'

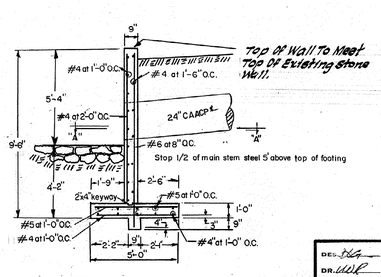
SCHEDULE

Structure NO.	STA	TYPE	ELEVATION TOP	ELEVATION INV.	OFFSET	REMARKS	Pipe FROM—TO	DIA.	LENGTH	TYPE
1	—	—	—	286.90	—	Ex Structure (Modify)	1 – 2	24"	17'	CAACP*
2	1+50	B-10	292.50	285.80	9' Lt ℄	Std W.S.S.C B-10. Inlet, W=2'-6" **	2 – 3	24"	186'	CAACP*
3	3+38	E4.	270.00	266.50	10' Lt ℄	Std N.C.P 48-184-E4A	3 – 4	24"	108'	CAACP*
4	4+48	—	266.60	261.50	12' Lt ℄	Endwall (See Detail Below)				

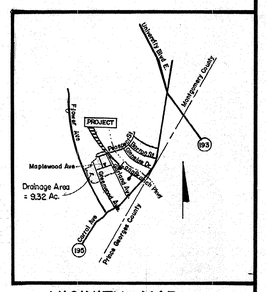
* Corrugated Aluminum Alloy Culvert Pipe - .075" Thk. (AASHO Designation M-196 Type 2)
** Omit curb transition section box side of structure.



ENDWALL DETAIL
Scale 1/4"=1'



NOTE:
1. Minimum cover for bar shall be 2", unless otherwise noted.
2. For detail of construction not indicated, refer to M.S.H.A. specifications.



VICINITY MAP
Scale 1"=2000'

MARYLAND - NATIONAL CAPITAL PARK AND PLANNING COMMISSION
APPROVED June 11, 1975
G.S. Hilliard by J.E.P. Chief Park Engineer
M-N.C.P.&P.C. RECORD FILE No. 310

FOR LOCATION OF UTILITIES CALL 24 HOURS A DAY 559-0123
48 HOURS IN ADVANCE OF WORK IN THIS VICINITY

W.S.S.C. P.N. 74054
FOR WORK IN PUBLIC SPACE SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY W.S.S.C. STRUCTURES AFFECTED.

APPROVED FOR SEDIMENT CONTROL BY MONTGOMERY SOIL CONSERVATION DISTRICT.
Don D. Fields SUPERVISOR DPC 6/4/74 DATE

NUMBER	REVISION	DATE

DES. DLG
DR. WLP
CHK. RJL
REVISIONS

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MD.

STORM DRAINAGE & SEDIMENT CONTROL

GARLAND AVENUE

Scale: As Noted — March 1974

APPROVED 5/14/74
E. James Sayre, CHIEF, DIV. OF TRANS. ENG'G.
R. J. Lynch, DIRECTOR, DEPT. OF TRANS.

PROJECT: 75823 — DWG. 1 OF 1

SD FILE NO. 97

CE 487-96-2