General and Sediment Control Notes

1. All storm drains shall be constructed in accordance with the latest edition of the general specifications of Maryland State Highway Administration, Montgomery County, and W.S.S.C.
2. Types of structures refer to the standard storm drainage details of W.S.S.C., Maryland State Highway Administration and Montgomery County, unless otherwise noted.
3. 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 inches whichever is less, contact the Montgomery County Department of Transportation before proceeding with construction.
4. Repairs to utilities or private property damaged as a result of contractor's negligence or method of operation must be made at his own expense.
5. All existing pipes and/or structures shall be connected, brick shut, filled, compacted or removed as directed by the engineer in the field.
6. Grading shall be done in such a manner as to provide positive drainage.
7. The contractor shall make field adjustments to structures when necessary to meet existing conditions.
8. Sod all disturbed areas except where otherwise directed.
9. Clearing to be limited to the "limit of grading" as shown on the plans.
10. Notify the gas company 24 hours in advance of starting work in the vicinity of high pressure gas mains. Call 783-5225 ext. 275
11. Contact Washington Suburban Sanitary Commission system maintenance engineer before excavating beneath or in the vicinity of existing water or sewer mains. Backfill to be done under the supervision of Washington Suburban Sanitary Commission.
12. All trench bedding shall be class "C" unless otherwise noted.
13. All sediment will be prevented from entering any storm drainage system, through use of sand bags, gravel, boards or applicable methods until side slopes are soded and roadway pavement is in place.
14. Frame and cover shown to be Neenah Foundary Company R-1791-A, small manhole frame, solid lid or equivalent.

Design Certificate

I hereby certify that this plan has been prepared in accordance with "Standards and Specifications for Soil Erosion and Sediment Control in Urbanizing Areas," M.S.C.D. "On-site Storm Water Management Policy" and "Interim Storm Water Management Criteria" dated Jan. 9, 1976 and Montgomery County Department of Transportation "Interim Storm Drain Design Criteria" dated July 1, 1968 and as amended Dec. 1, 1975. The estimated total amount of fill as shown on these plans has been computed to be 335 cubic yards. The total area to be disturbed as shown on these plans has been determined to be 10,925 sq. ft.

6/8/79
Date

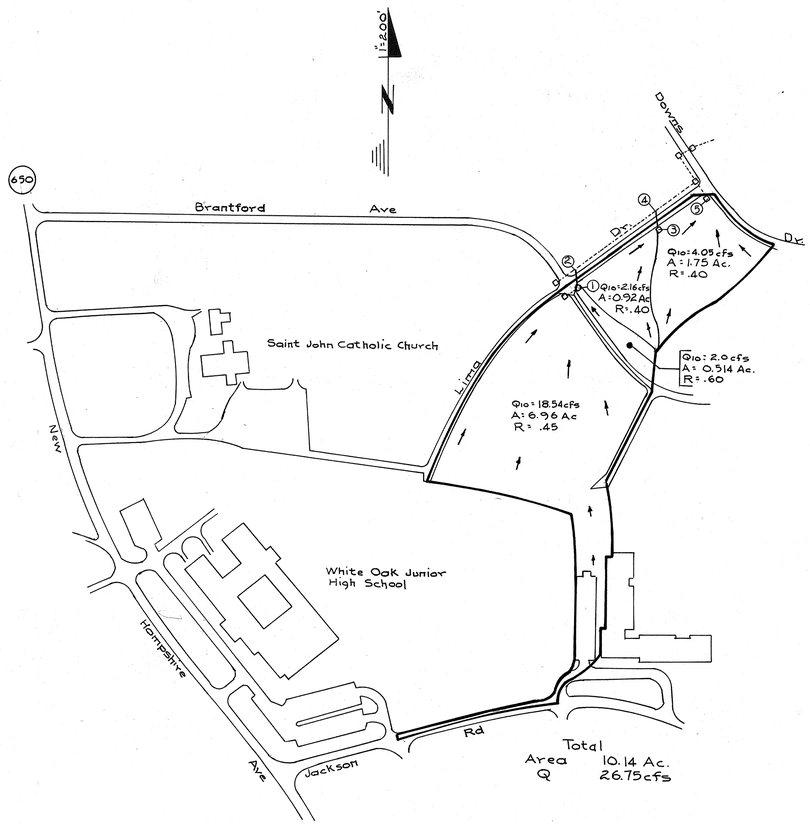
6/8/79
Sergio Delafuente P.L.S. No. 9692

Developer/Builder's Certificate

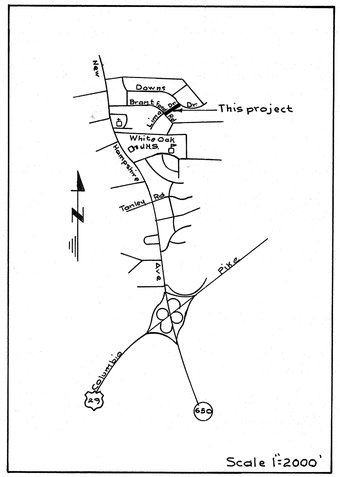
I hereby certify that all clearing, grading, construction and/or development will be done pursuant to this plan.

6/18/79
Date

Robert C. Merryman
Developer/Builder



Drainage Area Map



Vicinity Map

Bench Marks

D.T.P. #1
Nail and washer in Pepco pole No. 742736 on south east corner at the intersection of Lima Drive and Brantford Avenue.
Elevation - 349.76

D.T.P. #2
Nail and washer in C&P pole No. M6328 east side of Downs Drive at the intersection of Downs Drive and Lima Drive.
Elevation - 339.97

W.S.S.C. PERMIT # 79078
FOR WORK IN PUBLIC SPACE SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR ANY ADJUSTMENT OF W.S.S.C. FACILITIES AFFECTED.

NUMBER	REVISION	DATE

DES. ELR/SD
DR. ELR
CHK. SD
REVISIONS

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MD.

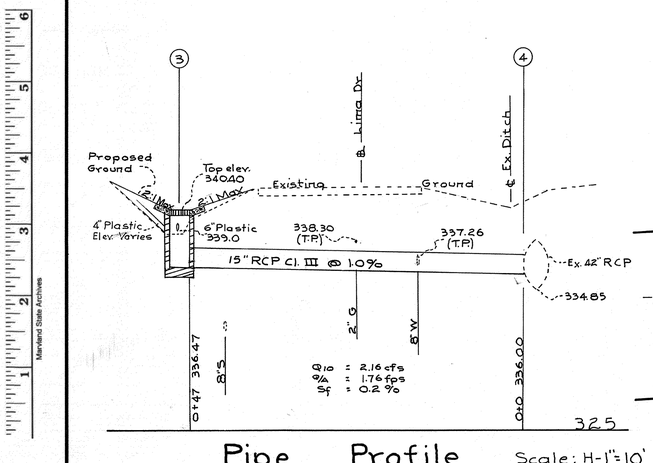
Storm Drain
Lima Drive
East Springbrook
Scale: As shown April, 1979

APPROVED
CHIEF, DIV. OF TRANS ENG'G.
DEPUTY DIRECTOR, DEPT. OF TRANS

PROJECT: 798195
DWG: 1 OF 2

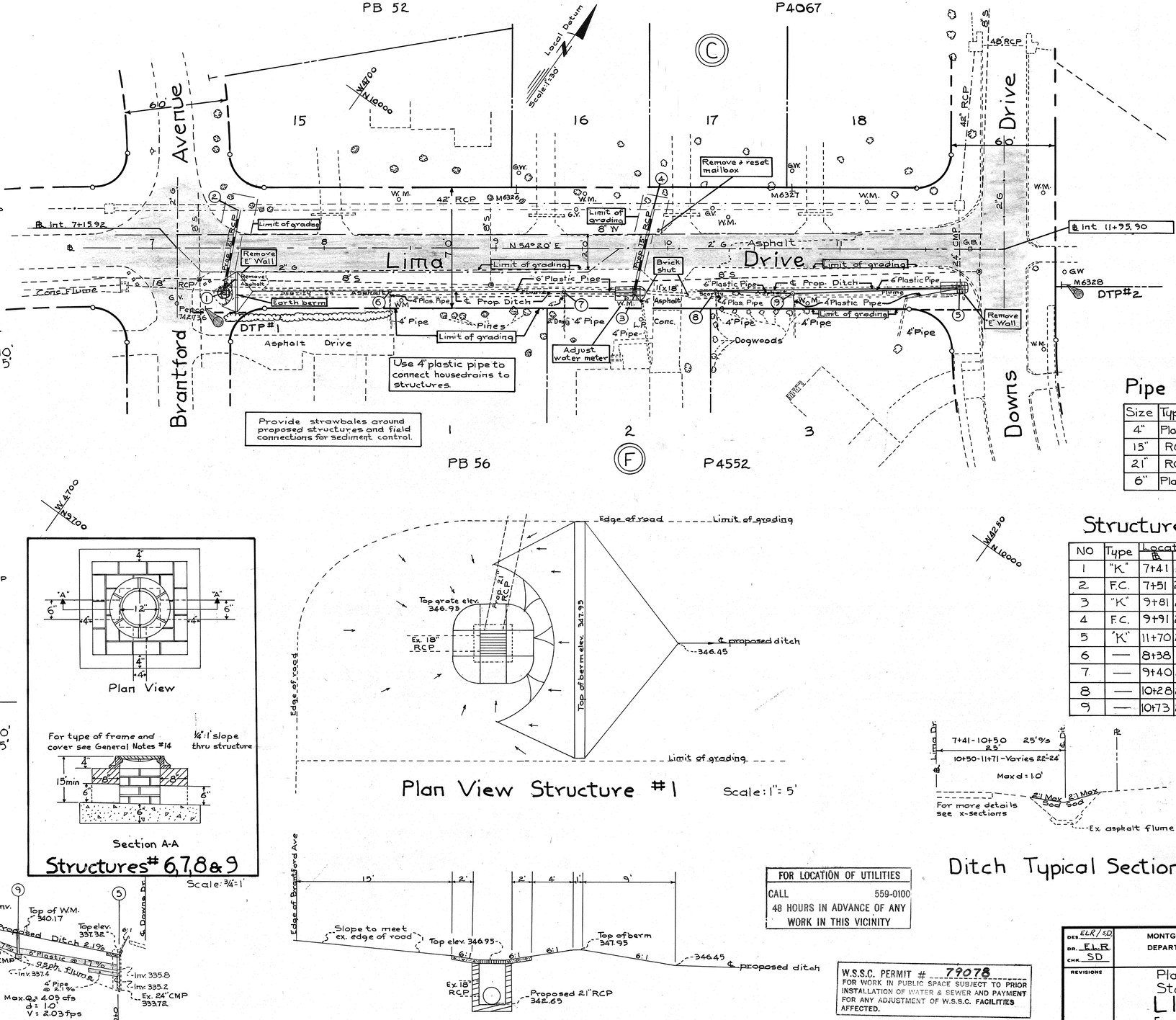
CE487-352-1
SD File No. 356

Maryland State Archives



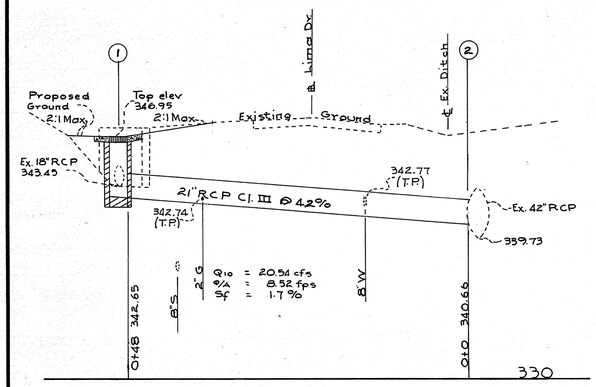
Pipe Profile Scale: H-1"=10' V-1"=5'

PB 52 P4067



Pipe Schedule

Size	Type	Class	Length
4"	Plastic	—	55'
15"	RCP	III	48'
21"	RCP	III	48'
6"	Plastic	—	280'



Pipe Profile Scale: H-1"=10' V-1"=5'

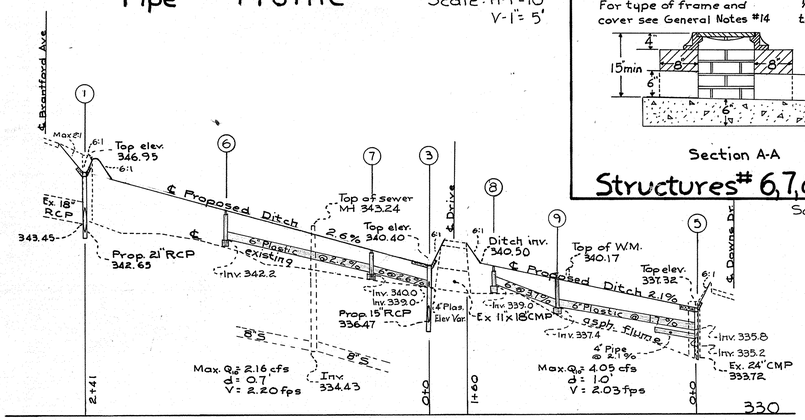
Structures # 6, 7, 8 & 9 Scale: ¾"=1'

Plan View Structure #1 Scale: 1"=5'

Structure Schedule

NO	Type	Location ℄	Location S/S	Elev.	Remarks
1	"K"	7+41	25'Rt	Top 346.95	Mod MSHA 378.01 See this sheet
2	F.C.	7+51	23'Lt	340.67	WSSC std. SD/4
3	"K"	9+81	25'Rt	Top 340.40	MSHA std 378.01
4	F.C.	9+91	24'Lt	335.97	WSSC std. SD/4
5	"K"	11+70	22'Rt	Top 337.32	MSHA std. 378.01
6	—	8+38	25Rt	Top 344.29	See detail this sheet
7	—	9+40	25'Rt	Top 341.52	See detail this sheet
8	—	10+28	24'Rt	Top 340.38	See detail this sheet
9	—	10+73	26Rt	Top 339.85	See detail this sheet

Ditch Typical Section Scale: H-1"=10' V-1"=5'



Ditch Profile Scale: H-1"=50' V-1"=5'

Profile Structure #1 Scale: 1"=5'

FOR LOCATION OF UTILITIES
CALL 559-0100
48 HOURS IN ADVANCE OF ANY WORK IN THIS VICINITY

W.S.S.C. PERMIT # 79078
FOR WORK IN PUBLIC SPACE SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR ANY ADJUSTMENT OF W.S.S.C. FACILITIES AFFECTED.

NUMBER	REVISION	DATE

DES. ELR/SD
DR. ELR
CHK. SD
REVISIONS

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MD.

Plan and Profile
Storm Drainage
LIMA DRIVE
East Springbrook
Scale: As shown April 1979

APPROVED
CHIEF, DIV. OF TRANS. ENG'G.
DIRECTOR, DEPT. OF TRANS.

PROJECT: 798195 DWG: 2 OF 2

CE 487-352-2

SD File No. 356

Maryland State Archives

Bench Marks
DTP #1 Nail + Washer In Pepco Pole
#742736 S.E. Cor Int Lima Dr. + Brantford
Elev. 349.76
DTP #2 Nail + Washer In C+P Pole
M6328 East Side Downs Dr @ Int Of
Downs Dr and Lima Dr
Elev 339.97
Coord Assumed
Scale: 1"=30'
SPRINGBROOK TERRACE
VENICE PLACE
LIMA DRIVE
DOWNS DRIVE
BRANTFORD AVENUE
15' EASEMENT
15' EASEMENT
PB 66
P6018
PB 52
P 4067
PB 66
P6019
PB 67
P6193
PB 56
P 4552
PB 56
P 4552
DTP #1
DTP #2
℄ Int 7+15.92
℄ Int 11+95.90
Assume 0+0 Downs
N 10000 W 5000
N 9700 W 4700
N 10300 W 4400
N 10000 W 4250
MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MD.
DES.
DR. EL R
CHK.
REVISIONS
Topo
LIMA DRIVE
East Springbrook Sept. 1978
APPROVED
CHIEF, DIV. OF TRANS. ENG'G.
DIRECTOR, DEPT. OF TRANS.
PROJECT: 798195
DWG: 1 OF 1
NUMBER
REVISION
DATE
SD FILE NO. 356

CE487-352-3