-GENERAL NOTES-

1. All elevation shown are based on WSSD datum.
2. All pipe and channel elevations shown are invert elevations.
3. Information concerning underground utilities was obtained from available records but the Contractor must determine the exact location and elevation of the mains by digging test pits by hand at all utility crossings well in advance of trenching.
4. Unless otherwise shown, Inlets are 3' back of curb and gutter fillet P.C.
5. Types of structures refer to the Washington Suburban Sanitary Commission's Standard Storm Drainage Details unless otherwise noted.
6. All curb fillets are 25' radius.
7. All storm drains shall be constructed in accordance with the General Specifications of the Washington Suburban Sanitary Commission, adopted September 30, 1954.
8. Steps shall be provided in the chonnds of structures involving pipes larger than 27"in accordance with the Washington Suburban Sanitary Commission's Standard Detail.

MONTGOMERY COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS
*FINAL APPROVAL
DATE January 14, 1959
*Subject to State Rd Approval

S.D. # 7-18 5806-7

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED August 6-58
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAVEMENT FOR MOVING ANY W.S.S.C. STRUCTURES AFFECTED.
THE STORM DRAINAGE STRUCTURES SHOWN ON THIS PLAN ARE PROPOSED AS TO DIVISION AS A COMPONENT PART OF THE STORM DRAINAGE SYSTEM FOR THIS DRAINAGE AREA. THIS COMMISSION ASSUMES NO RESPONSIBILITY WHATSOEVER FOR ANY DAMAGE WHICH MAY BE CAUSED TO ADJACENT PROPERTY OWNERS OR TO OWNERS DOWNSTREAM, BY REASON OF THE INSTALLATION OF THE DRAINAGE STRUCTURES SHOWN HEREON.
James A. Stapp
SENIOR DESIGN ENGINEER
THE W.S.S.C. CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

Revision of ditches below 82 & 107 approved 7/18/58-SBS

BALTIC AVENUE
ASPEN HILL ROAD
MILL STREET
RIVERS
ADRIAN STREET
McCALL STREET
HILL ROAD

Ext. 24"RCP
Ex. highway drainage ditch
Ex. highway drainage ditch & Easement of Mid. S. R.C. Easement Area
Road outlet ditch to drain into Exist. 24"D
TYPICAL DITCH SECTION
No Scale
℄ Curve Data
Δ = 12°-30'
R = 354.00'
T = 38.77'
L = 77.23'
Right of Way Pole to be moved by others.
See detail this Area Sheet 4
Paved ditch to drain into Exist 24"RCP
Paved ditch to drain into Exist. 24"RCP
Limit of Mid. S.R.C. Easement Area
Construct Concrete ditch from Outfall Structure No. 82 to Exist. 24"RCP @ 4'6 Below R. Sta. 4+41.
Side ditch
Provide 4'-2'D. Stub & brick Shut.
LIMIT OF APPROVAL
Construct 18"RCP and brick Shut.
See Sheet No. 2
Existing Concrete Curb & Gutter
Existing Asphalt Pavement
Existing Concrete Pavement

LAWRENCE L. LEVIN, OWNER
4901 RANDOLPH ROAD
ROCKVILLE, MD.

STRUCTURE SCHEDULE			
No	Type	Elev. Top	Remarks
87	Manhole	257.50	See detail Sheet 4
88	B Manhole	260.25	5' Inside Square
89	A-2 Inlet	263.00	
90	A-2 Inlet	261.35	
91	Manhole	263.43	
92	B-1 Inlet	264.84	Not Included
93	B-1 Inlet	264.84	
94	A-1 Inlet	264.25	
95	B-1 Inlet	261.35	
96	B-1 Inlet	261.85	
97	B-1 Inlet	263.00	
98	B-2 Inlet	262.78	
99	B-1 Inlet	305.05	
100	F-1 Inlet	309.38	Not Included
101	B-1 Inlet	309.38	
102	B-2 Inlet	305.05	
105	A-1 Inlet	256.88	
106	A-1 Inlet	256.88	
82	Endwall with Flapgate		See detail Sheet 4
107	Endwall with Flapgate		See detail Sheet 4

PIPE SCHEDULE		
Size	Type	Length
15"	RCCP	41'
18"	RCCP	78'
18"	RCSP	110'
18"	RCCP	80'
21"	RCCP	683'
24"	RCCP	75'
36"	RCCP	138'
36"	RCCP	135'

DATE	REMARKS	BY
	REVISIONS	

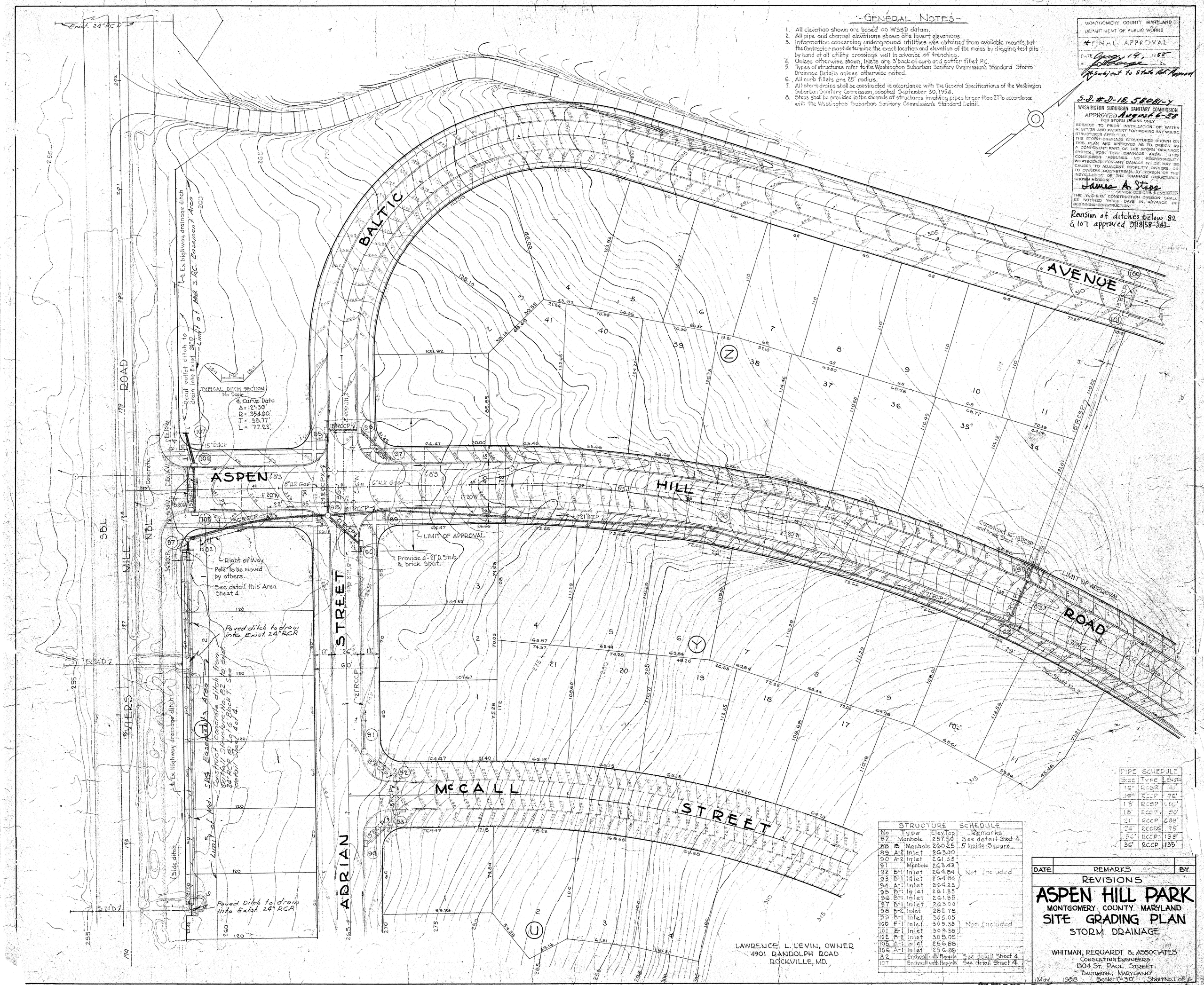
ASPEN HILL PARK
MONTGOMERY COUNTY MARYLAND
SITE GRADING PLAN
STORM DRAINAGE

WHITMAN, REQUARDT & ASSOCIATES
CONSULTING ENGINEERS
1304 ST. PAUL STREET
BALTIMORE, MARYLAND
May, 1958 Scale: 1"=30' Sheet No. 1 of 4

CE 487-351-1

SD FILE NO. 358 217 NW 5 Kensington District

Maryland State Archives



-GENERAL NOTES-

1. All elevation shown are based on WSSD datum.
2. All pipe and channel elevations shown are Invert elevations.
3. Information concerning underground utilities was obtained from available records, but the Contractor must determine the exact location and elevation of the mains by digging test pits by hand at all utility crossings well in advance of trenching.
4. Unless otherwise shown, Inlets are 3' back of curb and gutter fillet P.C.
5. Types of structures refer to the Washington Suburban Sanitary Commission's Standard Storm Drainage Details unless otherwise noted.
6. All curb fillets are 25' radius.
7. All storm drains shall be constructed in accordance with the General Specifications of the Washington Suburban Sanitary Commission, adopted September 30, 1954.
8. Steps shall be provided in the channels of structures involving pipes larger than 27" in accordance with the Washington Suburban Sanitary Commission's Standard Detail.

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
*FINAL APPROVAL
DATE Aug. 14, 1958
By [signature] Sr.
*Subject to State Rd. Approval

S.D. #D-18, 58081-Y
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED August 6-58
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY W.S.S.C. STRUCTURES AFFECTED.
THE STORM DRAINAGE STRUCTURES SHOWN ON THIS PLAN ARE APPROVED AS TO DESIGN AS A COMPONENT PART OF THE STORM DRAINAGE SYSTEM FOR THIS DRAINAGE AREA. THIS COMMISSION ASSUMES NO RESPONSIBILITY WHATSOEVER FOR ANY DAMAGE WHICH MAY BE CAUSED TO ADJACENT PROPERTY OWNERS, OR TO OWNERS DOWNSTREAM, BY REASON OF THE INSTALLATION OF THE DRAINAGE STRUCTURES SHOWN HEREON.
James A. Stapp
SENIOR DESIGN ENGINEER
THE W.S.S.C. CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

Revision of ditches below 82 & 107 approved 3/18/58-SAS

PIPE SCHEDULE		
Size	Type	Length
15"	RCSP	41'
18"	RCCP	75'
18"	RCSP	16'
18"	RCCP	80'
21"	RCCP	683'
24"	RCCPX	75'
36"	RCCP	138'
36"	RCCP	135'

STRUCTURE SCHEDULE				
No	Type	Elev. Top	Remarks	
87	Manhole	257.50	See detail Sheet 4	
88	B	Manhole	260.25	5' Inside-Square
89	A-2	Inlet	263.00	
90	A-2	Inlet	261.35	
91		Manhole	263.43	Not Included
92	B-1	Inlet	264.84	
93	B-1	Inlet	264.84	
94	A-1	Inlet	264.23	
95	B-1	Inlet	261.35	
96	B-1	Inlet	261.85	
97	B-1	Inlet	263.00	
98	B-2	Inlet	282.78	
99	B-1	Inlet	305.05	
100	F-1	Inlet	309.38	Not Included
101	B-1	Inlet	309.38	
102	B-2	Inlet	305.05	
105	A-1	Inlet	256.88	
106	A-1	Inlet	256.88	
82		Endwall with Flapgate	See detail Sheet 4	
107		Endwall with Flapgate	See detail Sheet 4	

DATE	REMARKS	BY

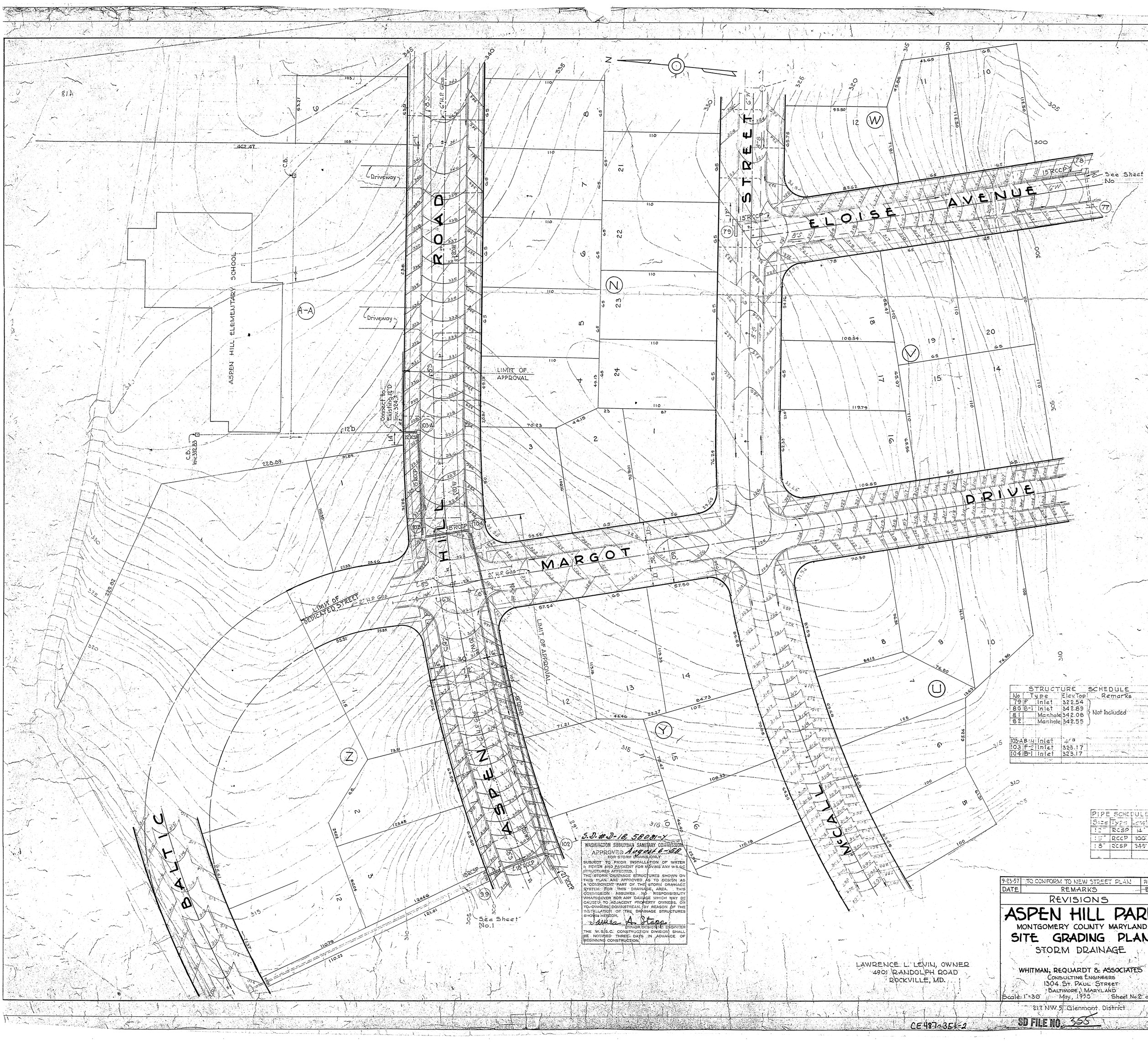
REVISIONS

ASPEN HILL PARK
MONTGOMERY COUNTY MARYLAND
SITE GRADING PLAN
STORM DRAINAGE

WHITMAN, REQUARDT & ASSOCIATES
CONSULTING ENGINEERS
1304 ST. PAUL STREET
BALTIMORE, MARYLAND
May, 1958 Scale: 1"=30' Sheet No. 1 of 4

CE487-351-1

SD FILE NO. 355 217 N.W.5 Glenmont District



STRUCTURE SCHEDULE				
No	Type		Elev. Top	Remarks
79	F	Inlet	322.54	Not Included
80	B-1	Inlet	342.89	
81		Manhole	342.08	
82		Manhole	342.55	
103-A	B-4	Inlet	[illegible]	
103	F-2	Inlet	323.17	
104	B-1	Inlet	323.17	

PIPE SCHEDULE		
Size	Type	Length
12"	RCSP	14'
15"	RCCP	100'
18"	RCSP	349'

S.D. #D-18, 58081-Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED August 6-58
FOR STORM DRAINS ONLY

SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY W.S.S.C. STRUCTURES AFFECTED.

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James A. Stapp
SENIOR DESIGNING ENGINEER

THE W.S.S.C. CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

LAWRENCE L. LEVIN, OWNER
4901 RANDOLPH ROAD
ROCKVILLE, MD.

DATE	REMARKS	BY
9-23-57	TO CONFORM TO NEW STREET PLAN	[illegible]

REVISIONS

ASPEN HILL PARK

MONTGOMERY COUNTY MARYLAND

SITE GRADING PLAN

STORM DRAINAGE

WHITMAN, REQUARDT & ASSOCIATES
CONSULTING ENGINEERS
1304 ST. PAUL STREET
BALTIMORE, MARYLAND

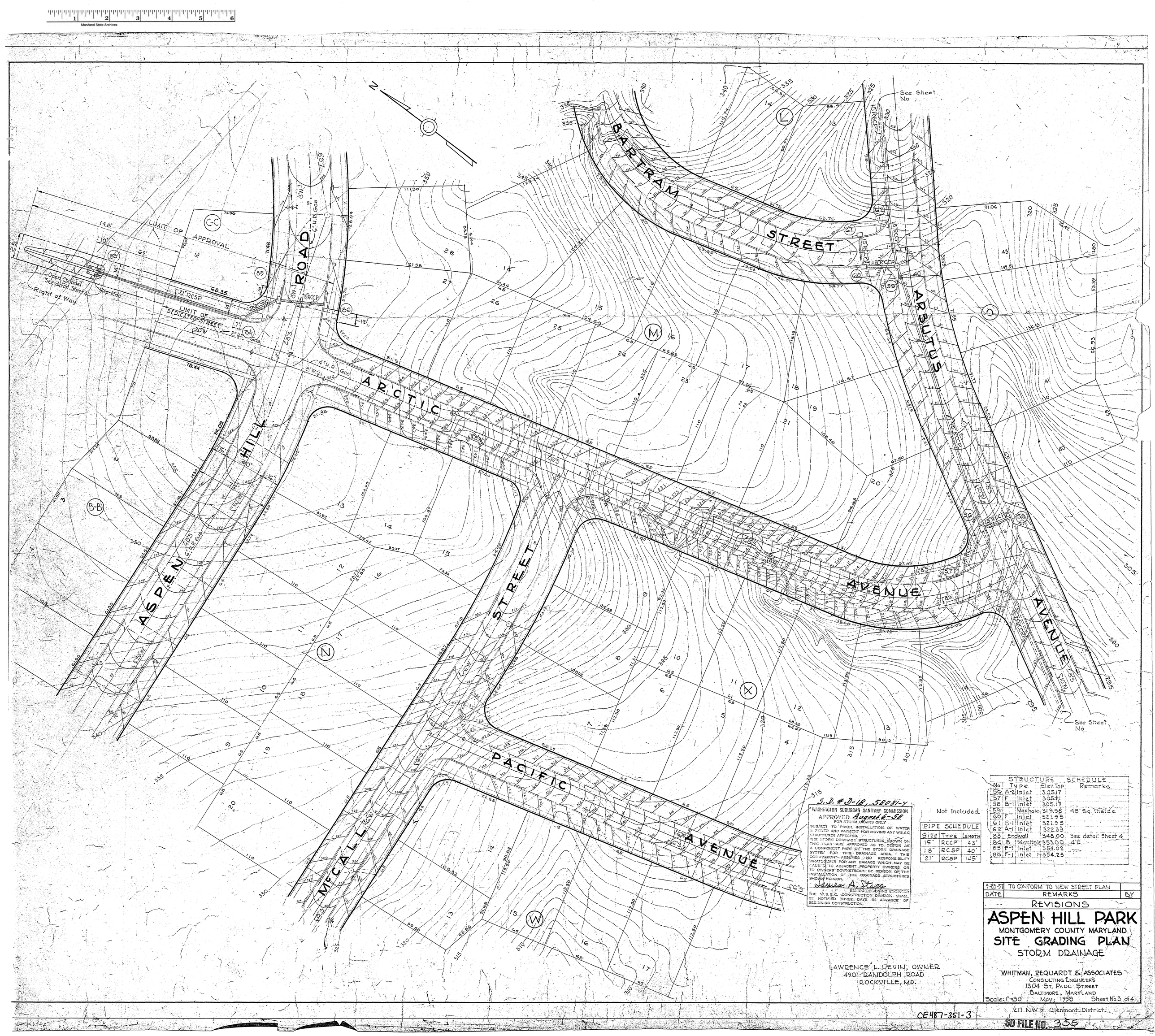
Scale: 1"=30' May, 1958 Sheet No. 2 of 4

217 NW 5 Glenmont District

CE 487-351-2

SD FILE NO. 355

Maryland State Archives



STRUCTURE SCHEDULE			
No	Type	Elev. Top	Remarks
56	A-2 Inlet	305.17	
57	F Inlet	305.17	
58	B-1 Inlet	305.17	
59	Manhole	319.95	48" Sq. Inside
60	F Inlet	321.95	
61	B-1 Inlet	321.95	
62	A-1 Inlet	322.33	
83	Endwall	348.00	See detail Sheet 4
84	B Manhole	353.00	4'Ø
85	F-1 Inlet	354.02	
86	F-1 Inlet	354.25	

Not Included

PIPE SCHEDULE		
SIZE	TYPE	LENGTH
15"	RCCP	43'
18"	RCSP	40'
21"	RCSP	145'

S.D. # D-18, 5808-X

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED August 6-58
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James A. Starr
SENIOR DESIGNING ENGINEER

THE W.S.S.C. CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

DATE	REMARKS	BY
9-23-57	TO CONFORM TO NEW STREET PLAN	

REVISIONS

ASPEN HILL PARK

MONTGOMERY COUNTY MARYLAND

SITE GRADING PLAN

STORM DRAINAGE

LAWRENCE L. LEVIN, OWNER
4901 RANDOLPH ROAD
ROCKVILLE, MD.

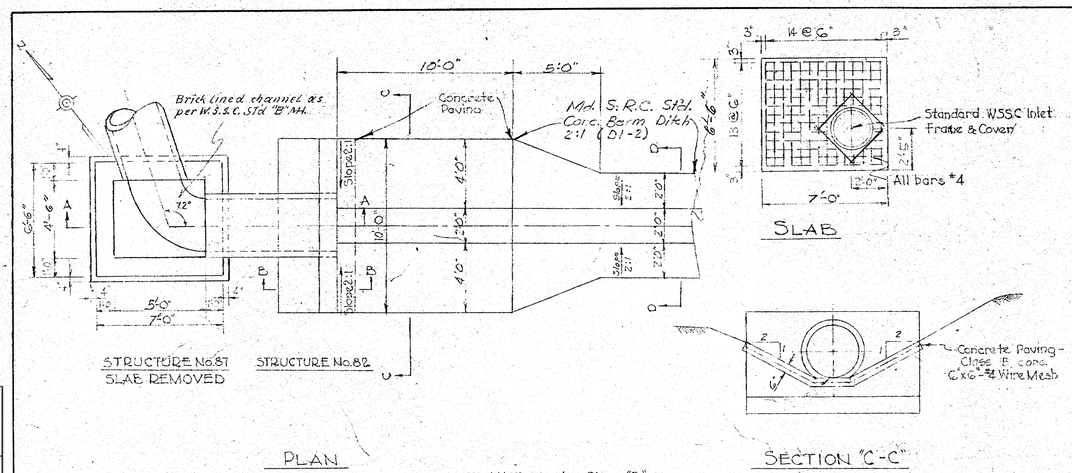
WHITMAN, REQUARDT & ASSOCIATES
CONSULTING ENGINEERS
1304 ST. PAUL STREET
BALTIMORE, MARYLAND

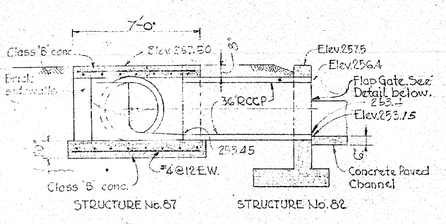
Scale: 1"=30' May, 1958 Sheet No. 3 of 4

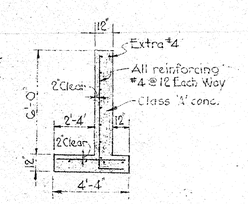
CE487-351-3

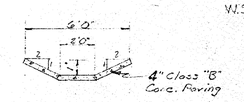
217 NW 5 Glenmont District

SD FILE NO. 355



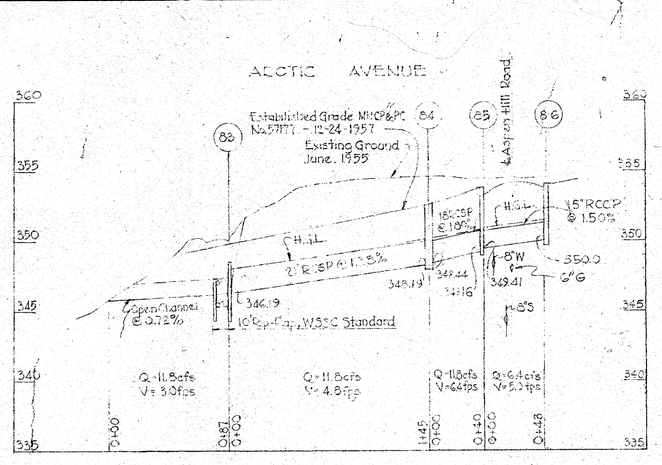


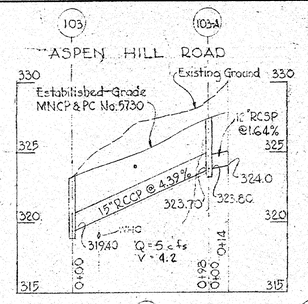


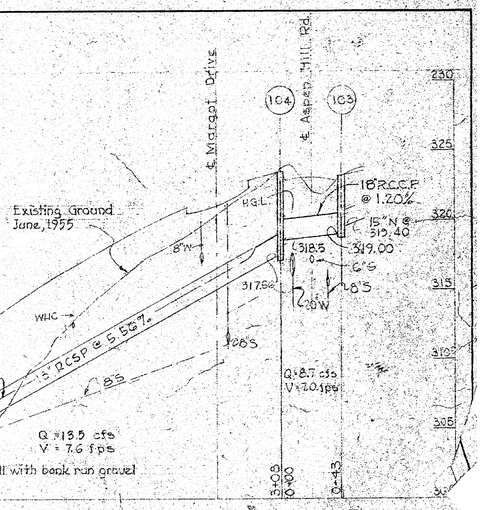


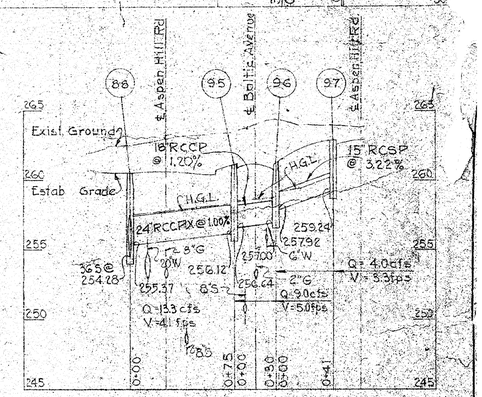
STRUCTURES 82 & 87
No Scale

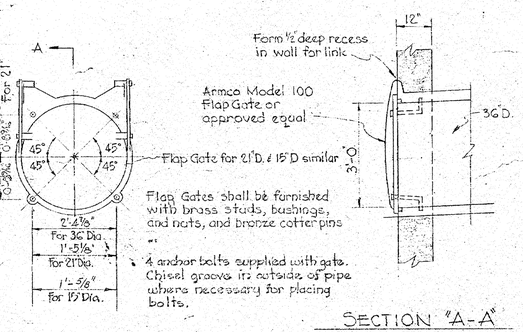
Where Water Main is above Storm Drain Contractor to contact Mr. Lee (AP 7-7700) WSSC System Maintenance Engineer before excavating in vicinity of Water Mains.
Backfill to be made under supervision of W.S.S.C. M. & O. Division.



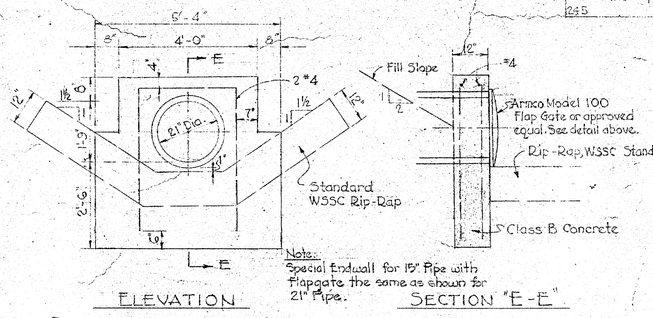




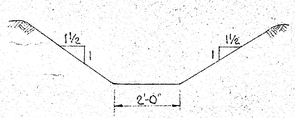


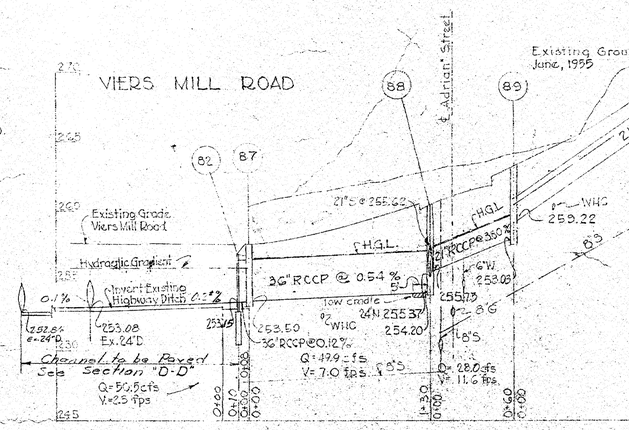


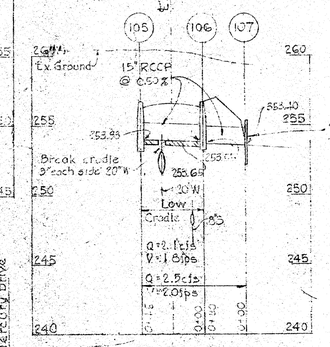
FLAP GATE DETAILS
Scale: ½"=1'-0"

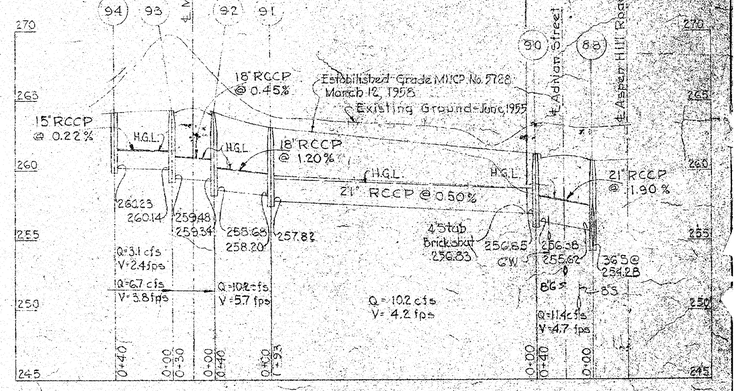


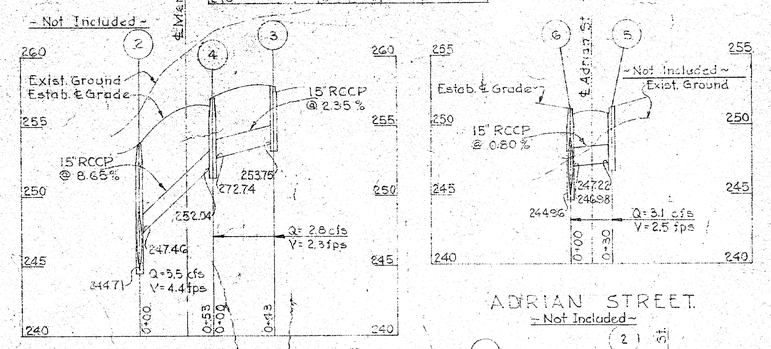
Note: Special endwall for 15" Pipe with flapgate the same as shown for 21" Pipe.

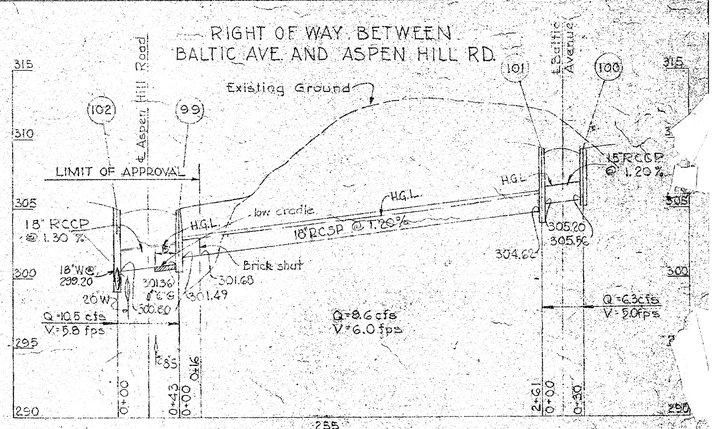


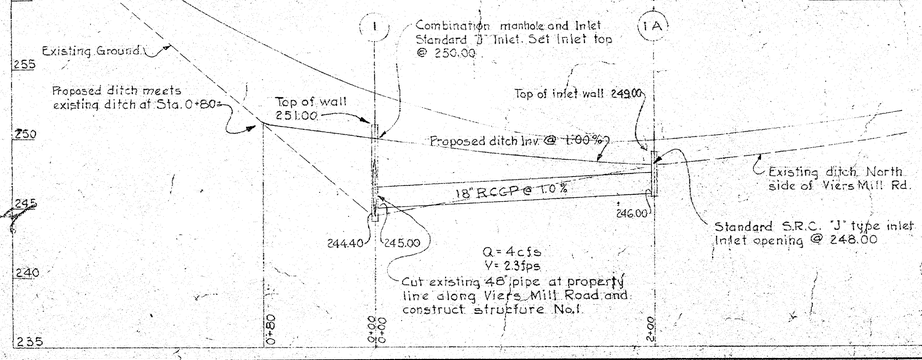


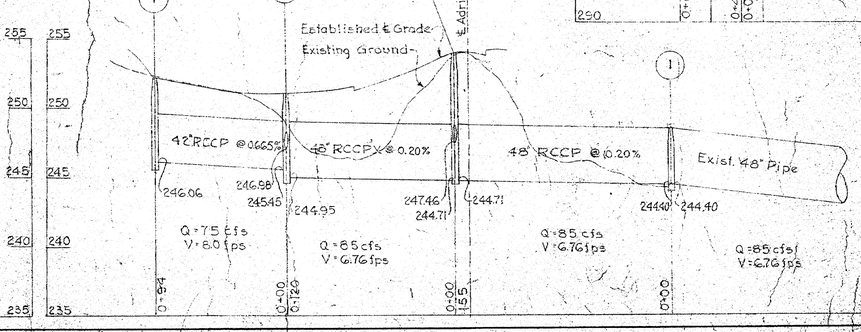












S.D. #9-18, 58081-4

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED August 6-58
FOR ESTIMATING PURPOSES ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER, SEWER AND PAYMENT FOR MOVING ANY W.S.S.C. STRUCTURES AFFECTED.
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[signature] [illegible]
SENIOR DESIGNING ENGINEER
THE W.S.S.C. CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

MONTGOMERY COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS
FINAL APPROVAL
DATE Aug 14 1958
BY [signature]
* 3 Aspen Hill Rd. approval only required.

STRUCTURE No.83
Scale: ½"=1'-0"
* Revision of ditches below 82 & 107 approved 3/18/58-ddz

DATE	REMARKS	BY
9-23-57	TO CONFORM TO NEW STREET PLAN	

REVISIONS

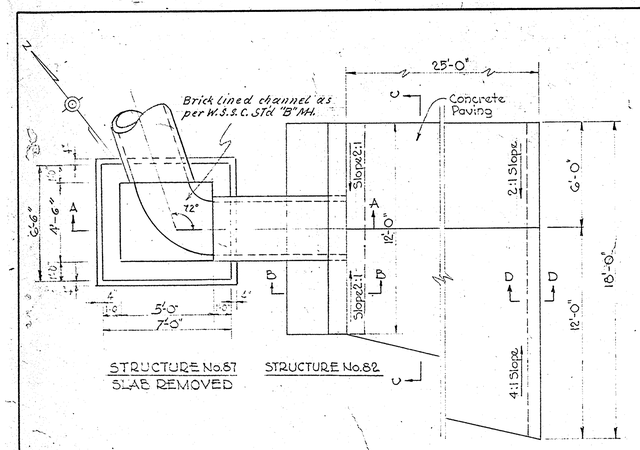
ASPEN HILL PARK
MONTGOMERY COUNTY MARYLAND
STORM DRAINAGE PROFILES

WHITMAN, REQUARDT & ASSOCIATES
CONSULTING ENGINEERS
1304 ST. PAUL STREET
BALTIMORE, MARYLAND
Vert. 1"=5' Hor. 1"=50' May, 1958 Sheet No. 4 of 35

SD FILE NO. 217 NW 5 Clarmont District

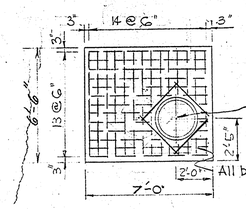
CE487-351-4

Maryland State Archives

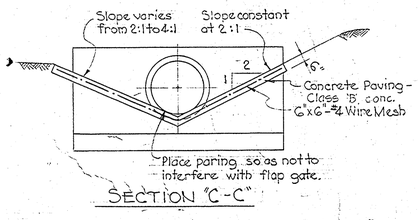


PLAN

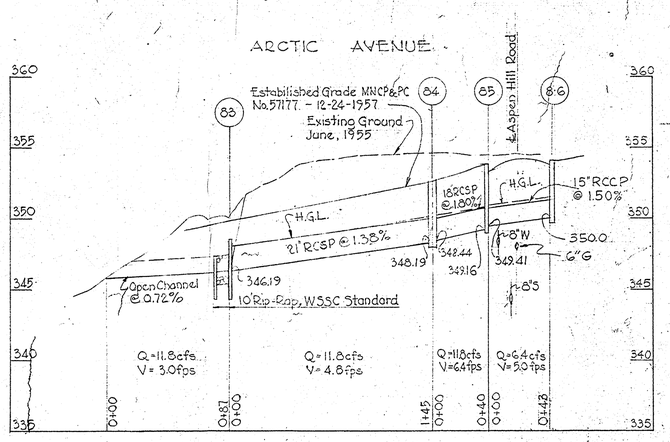
All Concrete Class "B"

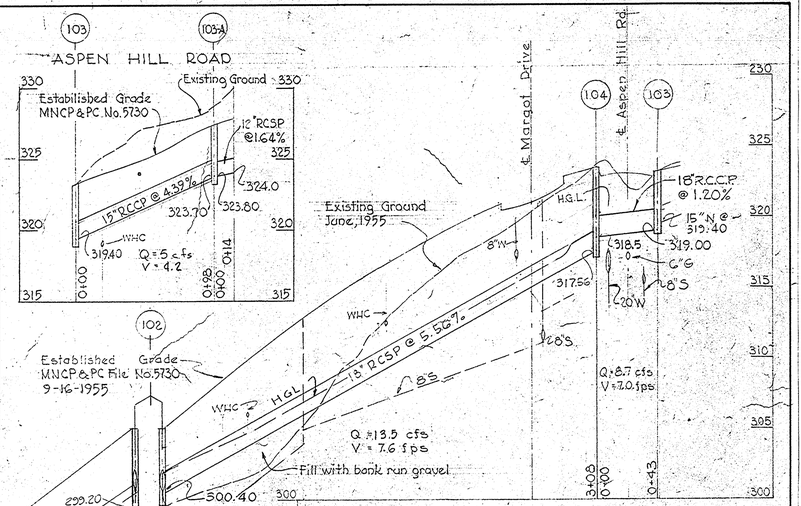


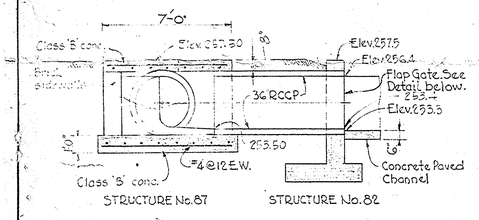
SLAB



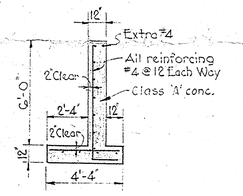
SECTION "C-C"



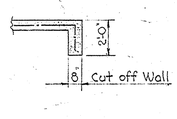




SECTION "A-A"



SECTION "B-B"

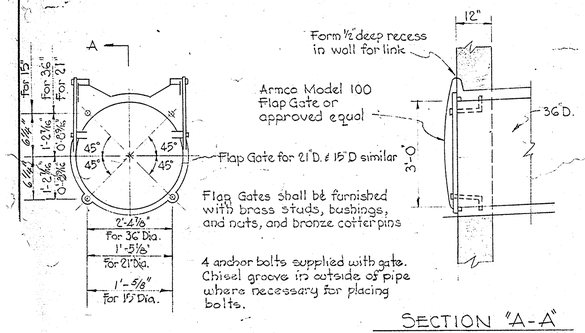


SECTION "D-D"

Where Water Main is above Storm Drain Contractor is to contact Mr. Lee A. Cap (E-7700) W.S.S.C. System Maintenance Engineer before excavating in vicinity of Water Mains.
Backfill to be made under supervision of W.S.S.C. M. & O. Division.

STRUCTURES 82 & 87

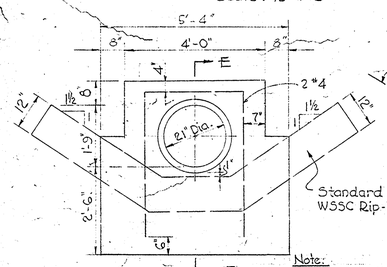
No Scale



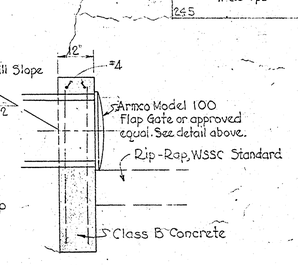
SECTION "A-A"

FLAP GATE DETAILS

Scale: ½"=1'-0

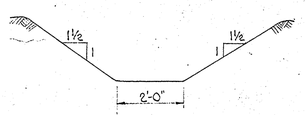


ELEVATION



Note: Special Endwall for 15" Pipe with Flapgate the same as shown for 21" Pipe.

SECTION "E-E"



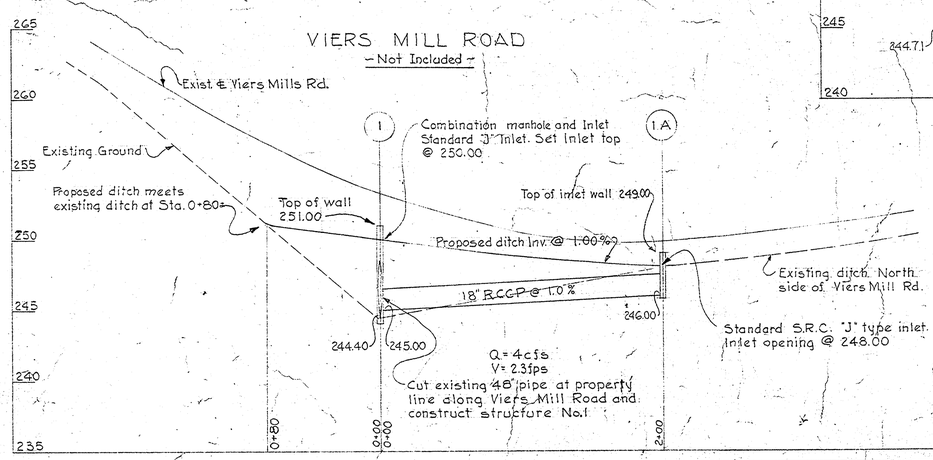
TYPICAL OPEN CHANNEL BELOW STRUCTURE No.83

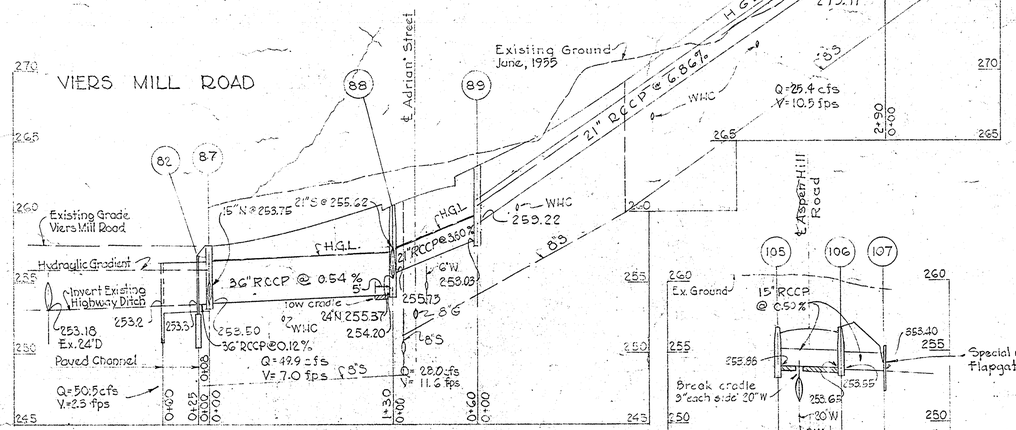
S.D. #3-18, 58081-Y

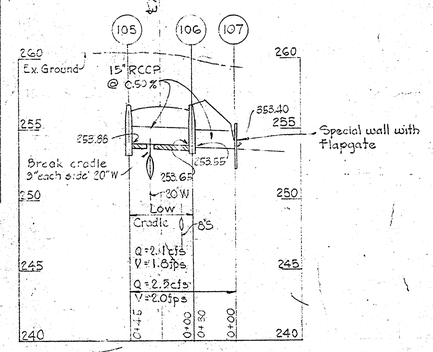
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED August 6-58
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY W.S.S.C. STRUCTURES AFFECTED.
THE STORM DRAINAGE STRUCTURES SHOWN ON THIS PLAN ARE APPROVED AS TO DESIGN AS A COMPONENT PART OF THE STORM DRAINAGE SYSTEM FOR THIS DRAINAGE AREA. THIS COMMISSION ASSUMES NO RESPONSIBILITY WHATSOEVER FOR ANY DAMAGE WHICH MAY BE CAUSED TO ADJACENT PROPERTY OWNERS, OR TO OWNERS DOWNSTREAM, BY REASON OF THE INSTALLATION OF THE DRAINAGE STRUCTURES SHOWN HEREON.
James A. Hunt
SENIOR DESIGNING ENGINEER
THE W.S.S.C. CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

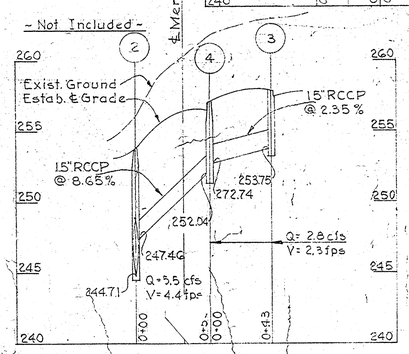
STRUCTURE No. 83

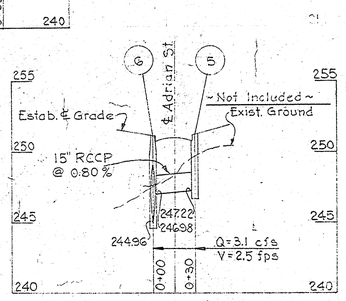
Scale: ½"=1'-0"

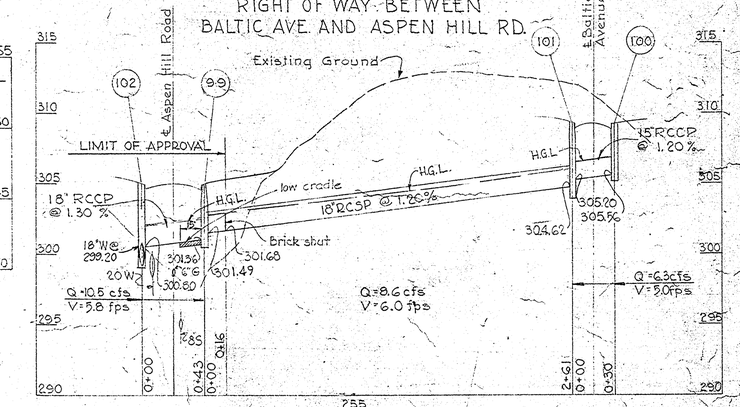


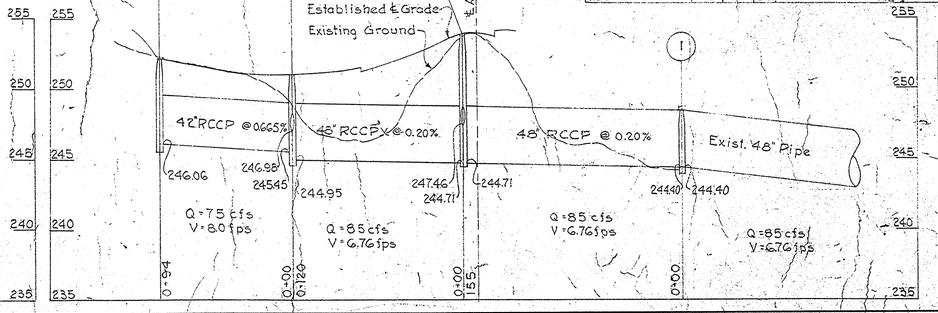


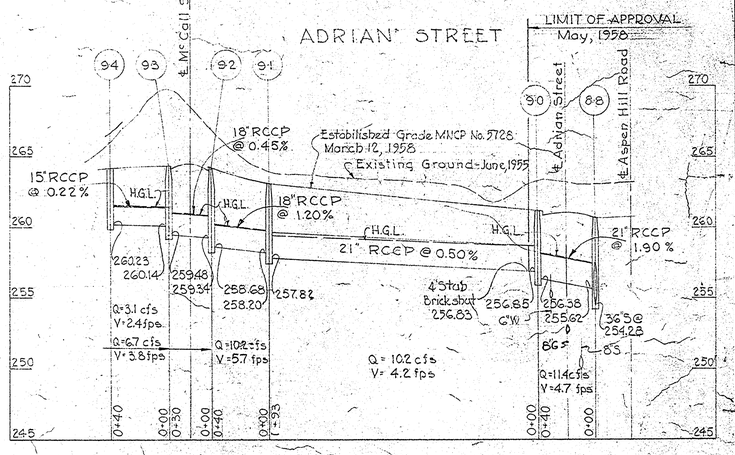












DATE	REMARKS	BY
9-23-57	TO CONFORM TO NEW STREET PLAN	

REVISIONS

ASPEN HILL PARK

MONTGOMERY COUNTY MARYLAND

STORM DRAINAGE PROFILES

WHITMAN, REQUARDT & ASSOCIATES
CONSULTING ENGINEERS
1304 ST. PAUL STREET
BALTIMORE, MARYLAND

Scale: Vert. 1"=5' Horiz. 1"=50' May, 1958 Sheet No.4 of 4

217 NW 5 Second District

SD FILE NO. 355

CE487-351-5