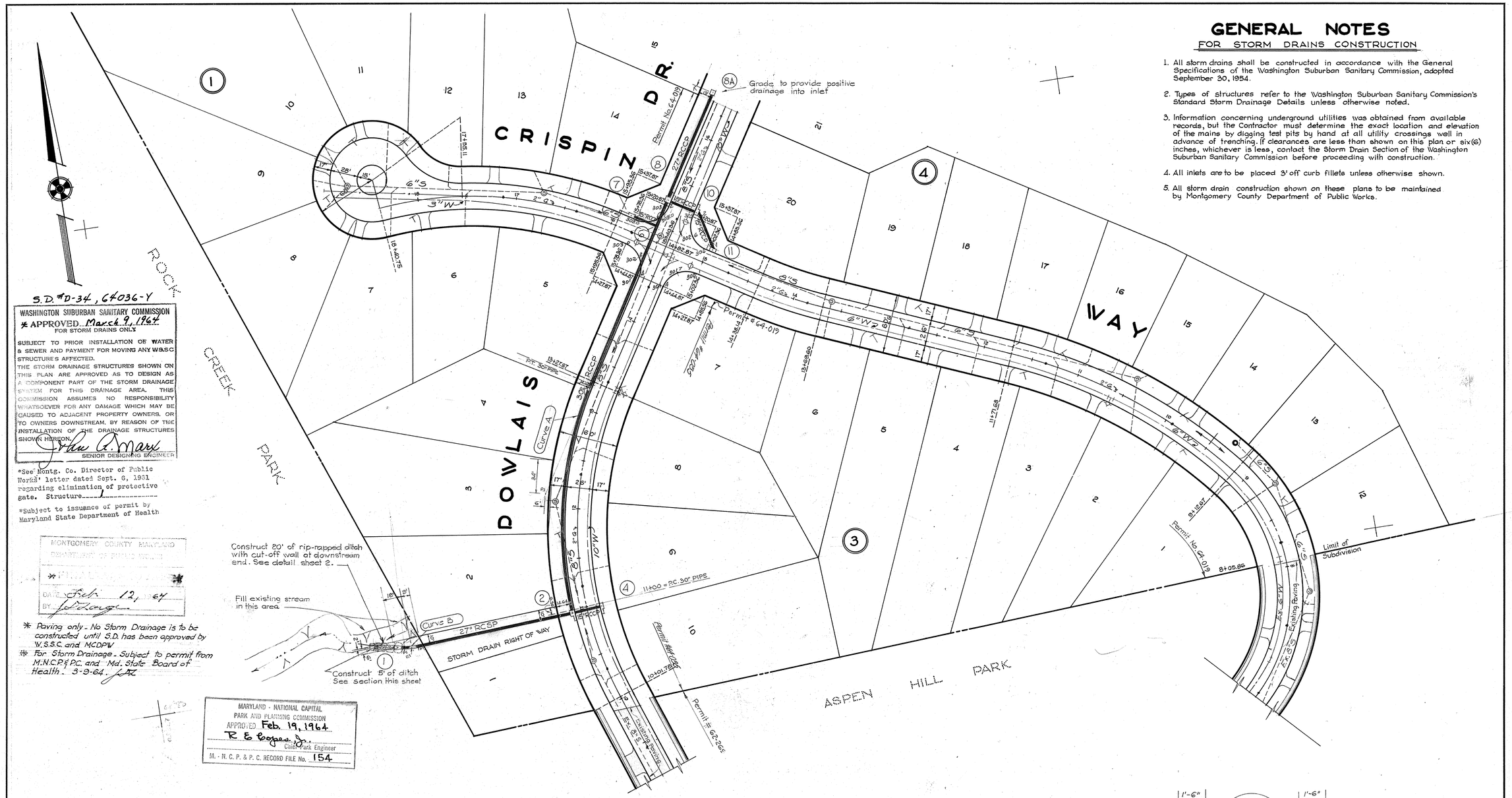
GENERAL NOTES

FOR STORM DRAINS CONSTRUCTION

1. All storm drains shall be constructed in accordance with the General Specifications of the Washington Suburban Sanitary Commission, adopted September 30, 1954.
2. Types of structures refer to the Washington Suburban Sanitary Commission's Standard Storm Drainage Details unless otherwise noted.
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. If clearances are less than shown on this plan or six (6) inches, whichever is less, contact the Storm Drain Section of the Washington Suburban Sanitary Commission before proceeding with construction.
4. All inlets are to be placed 3' off curb fillets unless otherwise shown.
5. All storm drain construction shown on these plans to be maintained by Montgomery County Department of Public Works.



S.D. #D-34, 64036-Y

WASHINGTON SUBURBAN SANITARY COMMISSION
* APPROVED March 9, 1964
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.

John A. Mary
SENIOR DESIGNING ENGINEER

*See Montg. Co. Director of Public Works' letter dated Sept. 6, 1961 regarding elimination of protective gate. Structure_____

*Subject to issuance of permit by Maryland State Department of Health

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
*
DATE Feb. 12, 64
BY J. L. Lange

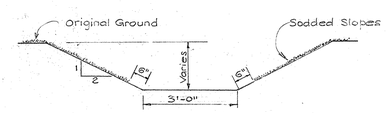
* Paving only - No Storm Drainage is to be constructed until S.D. has been approved by W.S.S.C. and MCDPW
* For Storm Drainage - Subject to permit from M.N.C.P.&P.C. and Md. State Board of Health. 3-9-64. JAZ

MARYLAND - NATIONAL CAPITAL PARK AND PLANNING COMMISSION
APPROVED Feb. 19, 1964
R. E. Pogue, Jr.
Chief Park Engineer
M.-N.C.P.&P.C. RECORD FILE No. 154

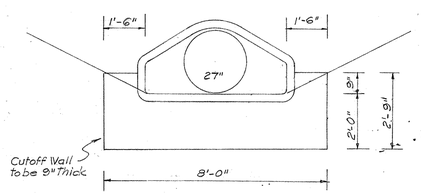
STRUCTURE SCHEDULE						
No.	Type	W	Top Down	Top Up	Remarks
1	Flared End Section with cut-off wall				Gray Concrete Pipe Co. or Equal. See detail this sheet
2	B-10	Inlet	3.37	294.78	W.S.S.C. Standard
4	B-10	Inlet	2.50	294.78	" "
6	30" x 15" Field Connection				
7	B-15	Inlet	2.50	303.15	303.54	W.S.S.C. Standard
8	B-10	Inlet	4.79	303.23	303.44	" "
10	B-10	Inlet	2.50	303.23	303.52	" "
11	A-5	Inlet	2.50	305.00	" "
8-A	D	Inlet	2.50	307.50	W.S.S.C Std. Open N, E & W Sides

PIPE SCHEDULE		
Size	Type	Length
15"	RCCP	95
18"	RCCP	27
27"	RCCP	114
27"	RCSP	174
30"	RCCP	434'

PIPE CURVE DATA						
Curve	Radius	Arc	Tangent	Chord	Delta	Remarks
A	373.00	234.21	121.0	230.48	35° 30' 02"	Maximum Length of Pipe to be 6'
B	154.00	13.98	7.0	13.98	5° 58'50"	Maximum Length of Pipe to be 4'



TYPICAL DITCH SECTION
No Scale



DETAIL OF CUT-OFF WALL ON FLARED END SECTION
STRUCTURE No 1
Concrete Volume = 0.45 cu.yd.. Class B Concrete
Scale: 3/8" = 1'

STATE OF MARYLAND
ALDEN E. IMOS, JR.
No. 2047
REGISTERED
PROFESSIONAL ENGINEER

Alden E. Imos Jr.

Date	Revision
2/24/64	gas & Poles Added

Drafting: J.F.
Check:
Design:
Check:

DEVELOPERS
DI MAIO BROTHERS
4819 Camelot St.
Rockville - Maryland

CIVIL ENGINEERS ■ LAND PLANNERS ■ LAND SURVEYORS
THOMAS G. OYSTER AND ASSOCIATES INC.
2419 REEDIE DRIVE ■ WHEATON ■ MARYLAND ■ 949-2011

PAVING AND STORM DRAINS

DOWLAIS DRIVE
ROCK CREEK MANOR
MONTGOMERY COUNTY, MARYLAND

Date	Job No.
October, 1963	1673 D-1
Scale	Sheet No.
1" = 50'	1 of 2

P4-008

CE487-862-1

SD FILE NO. 816

S.D. #D-34, 64036-Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED March 9, 1964
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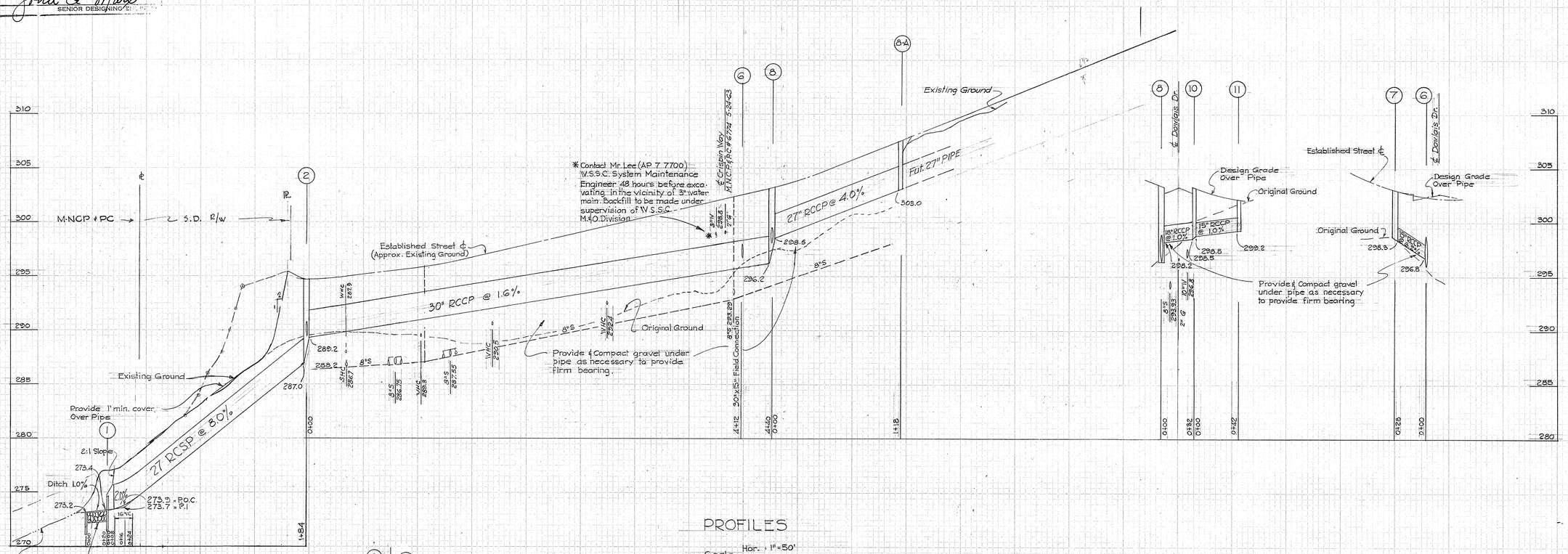
John A. Mars
SENIOR DESIGNING ENGINEER

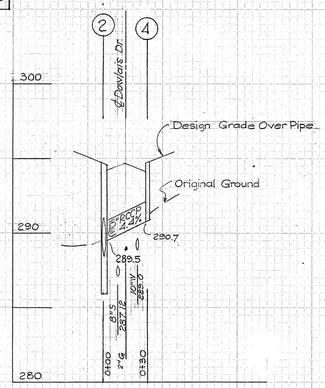
DOWLAIS DRIVE

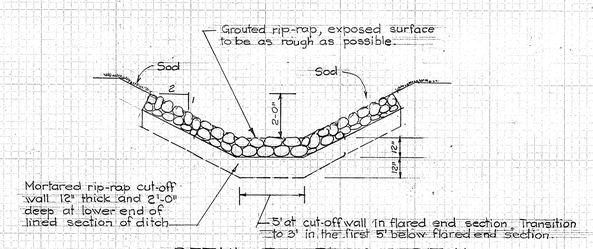
M.N.C.P. & P.C. # 8036 5-14-63



PROFILES

Scale: Hor. : 1" = 50'
Vert. : 1" = 5'





DETAIL - RIP-RAPPED DITCH
Scale 1/4" = 1'-0"

MARYLAND - NATIONAL CAPITAL PARK AND PLANNING COMMISSION
APPROVED Feb. 19, 1964
R. E. Pogue, Jr.
Chief Park Engineer
M.-N.C.P. & P.C. RECORD FILE No. 154

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
*FINAL APPROVAL
DATE March 9, 1964
BY

* Subject to permits from M.N.C.P.&P.C. & Md. St. Dept. Health.

STATE OF MARYLAND — ALDEN E. KROUSE — No. 2041 REGISTERED PROFESSIONAL ENGINEER

Alden E. Krouse Jr.

DATE	REVISION

DRAFTING: J.F
CHECK: J.V
DESIGN: J.V
CHECK: A.E.

DEVELOPERS
DI MAIO BROTHERS
4819 Camelot Street
Rockville - Maryland

CIVIL ENGINEERS ■ LAND PLANNERS ■ LAND SURVEYORS
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PAVING AND STORM DRAINS

DOWLAIS DRIVE
ROCK CREEK MANOR
MONTGOMERY COUNTY, MARYLAND

DATE	JOB NO.
October, 1963	1673 D-1
SCALE	SHEET NO.
As Shown	2 OF 2

CE487-802-2

SD FILE NO. 816

Maryland State Archives