PROPERTY OF FOLINGER LAGARDE CORP.

LIMIT OF SUBDIVISION

MATCH LINE A-A

SEE SHEET 2 of 5

LIMITS OF MONTGOMERY COUNTY PROJECT #188

BUCKHANNON DRIVE

VICTORY LANE

MILBERN DRIVE

GREENLANE DRIVE

GREENLANE COURT

GAINSBOROUGH ROAD

ENID DRIVE

PEPCO 250' RIGHT OF WAY

Permit #64-117
Permit #64-116
Permit #64-118
Permit #64-123
Permit #64-131

Remove existing curb & gutter & driveway construct

Existing Paving

Velocity Check with Rip-Rap See Detail 5 of 5

Construct 40 Lin. Ft. of ditch See Section this Sheet

Drainage Easement

Proposed Storm Drain Easement

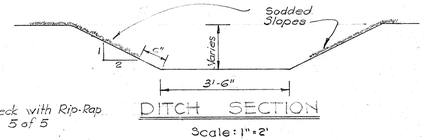
20' Easement

15' Easement

S.D. #D-35, 64101 Y

GENERAL NOTES
FOR STORM DRAIN CONSTRUCTION

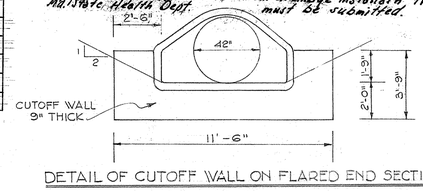
1. All storm drains shall be constructed in accordance with the General Specifications of the Washington Suburban Sanitary Commission, adopted September 30, 1954.
2. Types of structures refer to the Washington Suburban Sanitary Commission's Standard Drainage Details unless otherwise noted.
3. Information 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. Storm drain construction shown on this plan to be maintained by Montgomery County Dept. of Public Works.



STRUCTURE SCHEDULE						
No.	Type		W	Top Down	Top Up	Remarks
1	Flared End Section With Cutoff Wall					Gray Conc. Co. or equal. Cutoff wall detail this sheet
2	B	Manhole	54"Sq.	357.46		W.S.S.C. Standard
3	B-15	Inlet	2.50	356.70	357.22	" "
4	B	Manhole	48"Sq.	365.50		" "
5	B	Manhole	48"Sq.	374.81		" "
6	A-5	Inlet	2.50	383.30	384.22	" "
7	A-5	Inlet	2.50	388.84	388.90	" "
8	B-10	Inlet	2.50	388.84	388.95	" "
9	B-10	Inlet	2.50	391.25	391.25	" "
11	42"x18" Field Connection					" "
12	B-10	Inlet	2.50	355.76	355.76	" "
13	B-10	Inlet	2.50	355.82	355.92	" "

STRUCTURE AND PIPE SCHEDULE REFER TO THIS SHEET ONLY

PIPE SCHEDULE		
Size	Type	Length
15"	RCCP	95'
18"	RCCP	665'
21"	RCCP	267'
42"	RCCP	314'



DETAIL OF CUTOFF WALL ON FLARED END SECTION
Scale: 1/4" = 1'
CONCRETE VOLUME = 0.77 C.Y.
USE WSSC CLASS B CONCRETE

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
*FINAL APPROVAL
DATE: 18th 1964
BY: [signature]
* SUBJECT TO NECESSARY EASEMENTS

WASHINGTON SUBURBAN SANITARY COMMISSION
*APPROVED MAY 18, 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.
[signature]
SENIOR DESIGNING ENGINEER

*Subject to issuance of permit by Maryland State Department of Health
*See Montg. Co. Director of Public Works' letter dated Sept. 6, 1961 regarding elimination of protective gate. - Structure No. 27

*Prior to issuance of WSCCPW's permit a copy of the permit for the storm drainage installation fr. the Md. State Health Dept. must be submitted.

STATE OF MARYLAND
ALDEN E. TAUSNER JR.
No. 2048
REGISTERED PROFESSIONAL ENGINEER
Alden E. Jones Jr.

Date	Revision
5/13/64	Poles and Gas Added
6/5/64	Driveways Added.
7-13-64	Driveways lot 14 blk.11; lot 1, 5 & 6 blk. 12, lots 1 5 & 7 blk. 17 and lot 1 blk. 23 revised.
	7-31-64 Driveways lot 10 blk 11, lot 5 blk 12, lot 1 blk 23 revised.
	8-14-64 Driveways lot 4 blk 12 and lots 13-15 blk 17 revised.

Drafting: J.F. & P.M.
Check:
Design: P.M.
Check:

ARTERY HOMES, INC.
Citizens Building
Connecticut Ave & Farragut St.
Kensington, Md.

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

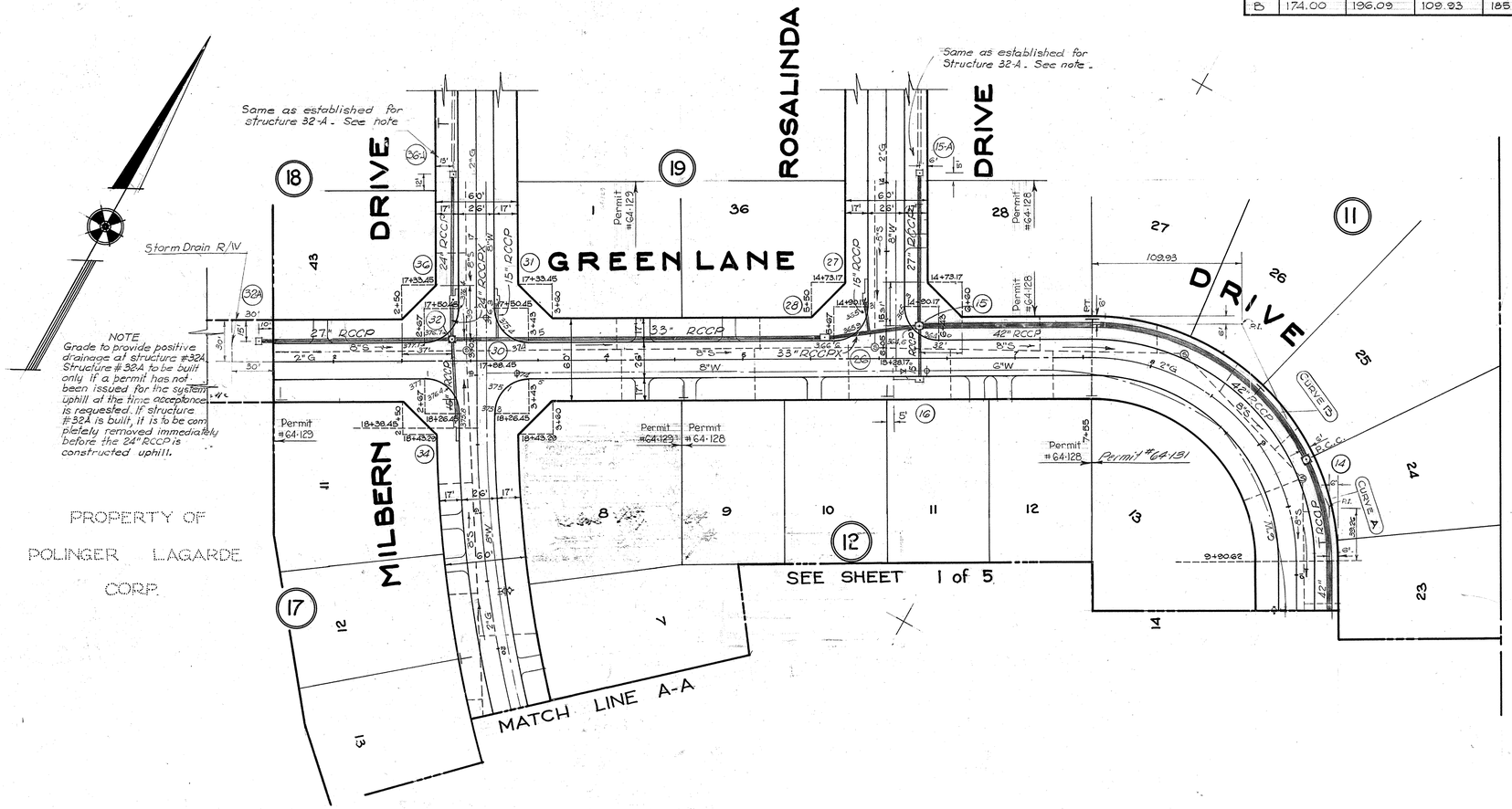
PAVING AND STORM DRAINS

REGENCY ESTATES
MONTGOMERY COUNTY, MARYLAND

Date: August, 1963
Scale: 1" = 50'
Job No.: 1723-D-1
Sheet No.: 1 of 5

P4-042
CE487-664-1
To WSSC
SD FILE NO. 675

PIPE CURVE DATA						
Curve	Radius	Arc	Tangent	Chord	Delta	Max. Laying Length of pipe
A	174.00	77.23	39.26	76.70	25° 25' 50"	4'
B	174.00	196.09	109.93	185.88	64° 34' 10"	4'



STRUCTURE SCHEDULE						
No.	Type		W	Top Down	Top Up	Remarks
14	B	MANHOLE	54"Sq	359.50		W.S.S.C. Standard
15	B	MANHOLE	54"Sq	366.70		" "
16	B-20	INLET	2.50	364.33	365.08	" "
26	33"x15" Field Connection					" "
27	B-15	INLET	2.50	365.24	365.47	" "
28	A-5	INLET	3.37	366.69	366.91	" "
30	33"x15" Field Connection					" "
31	B-10	INLET	2.50	376.35	376.63	" "
32	B	MANHOLE	48"Sq	376.00		" "
34	B-15	INLET	2.50	375.79	375.98	" "
36	B-10	INLET	4.79	376.35	376.63	" "
* 32-A	D	INLET	2.50sq	379.2		open N,S,& W Side
* 36-A	D	INLET	2.50sq	379.9		Open N, W & E Side
* 15-A	D	INLET	2.50sq	366.9		Open N, W & E Side

* Modify vertical opening from 6" to 1'-0" and place one 5/8" ø bar horizontally 6" on center for protection.

STRUCTURE AND PIPE SCHEDULE REFER TO THIS SHEET ONLY

PIPE SCHEDULE		
Size	Type	Length
15"	RCCP	144'
24"	RCCP	89'
24"	RCCPX	25'
27"	RCCP	249'
33"	RCCP	267'
33"	RCCPX	68'
42"	RCCP	430'

S.D.# D-35, 64101 Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED MAY 18, 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.
SENIOR DESIGNING ENGINEER

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
FINAL APPROVAL
DATE June 1st, 1964
BY

STATE OF MARYLAND ALDEN E. TINUS, JR. No. 2041 REGISTERED PROFESSIONAL ENGINEER
Alden E. Tinus Jr.

Date	Revision
5/13/64	Poles and Guys Added
6-5-64	Driveways Added.
7-13-64	Driveways lots 7-9, 11 & 12 Blk. 12; lots 11 & 12 blk 17; lot 43 blk. 18 and lot 1 blk. 19 revised.
7-31-64	Driveway lot 8 blk. 12 revised as shown.
8-17-64	Driveways on lot 11 blk. 17 and lot 1 blk. 19 revised.

Drafting: J.F. & P.H.
Check:
Design: P.H.
Check:

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

PAVING & STORM DRAINS

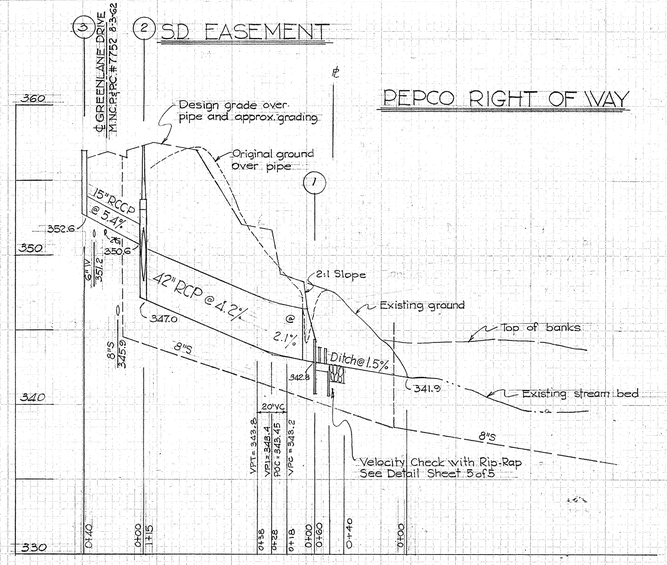
REGENCY ESTATES
MONTGOMERY COUNTY, MARYLAND

Date: August, 1963
Scale: 1" = 50'
Job No. 1723-D-1
Sheet No. 2 of 5

P4-043
CE487-664-2
SD FILE NO. 675

SD EASEMENT

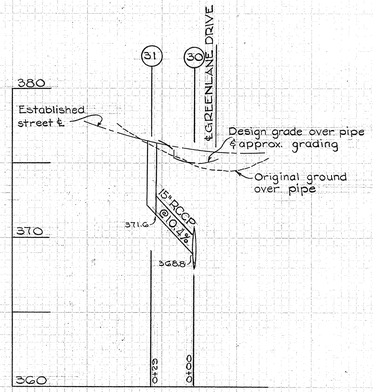
PEPCO RIGHT OF WAY



NOTE: Original ground not shown was above established grade

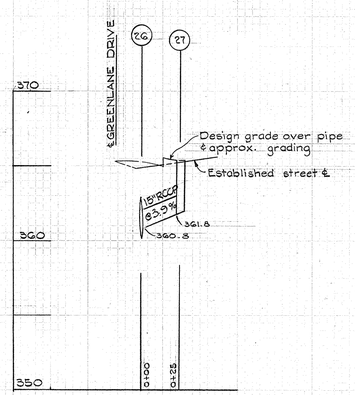
MILBERN DRIVE

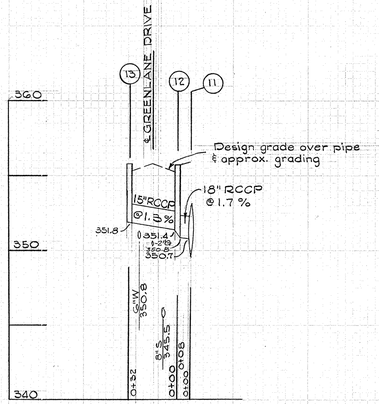
MNCP&PC File # 7742 Aug. 3, 1962



ROSALINA DRIVE

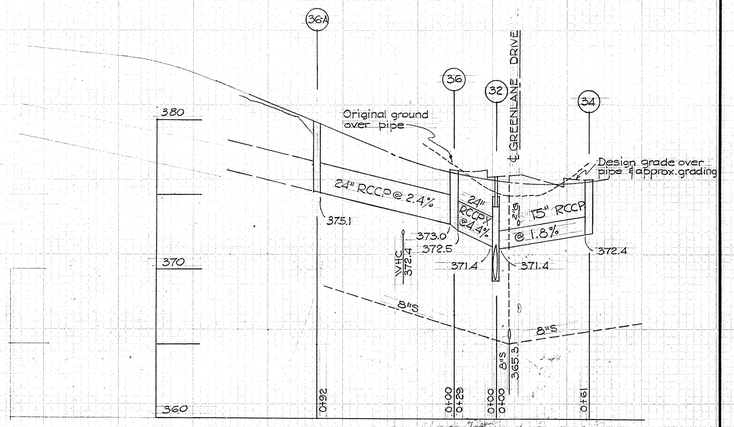
MNCP&PC File # 7748 Aug. 3, 1962





MILBERN DRIVE

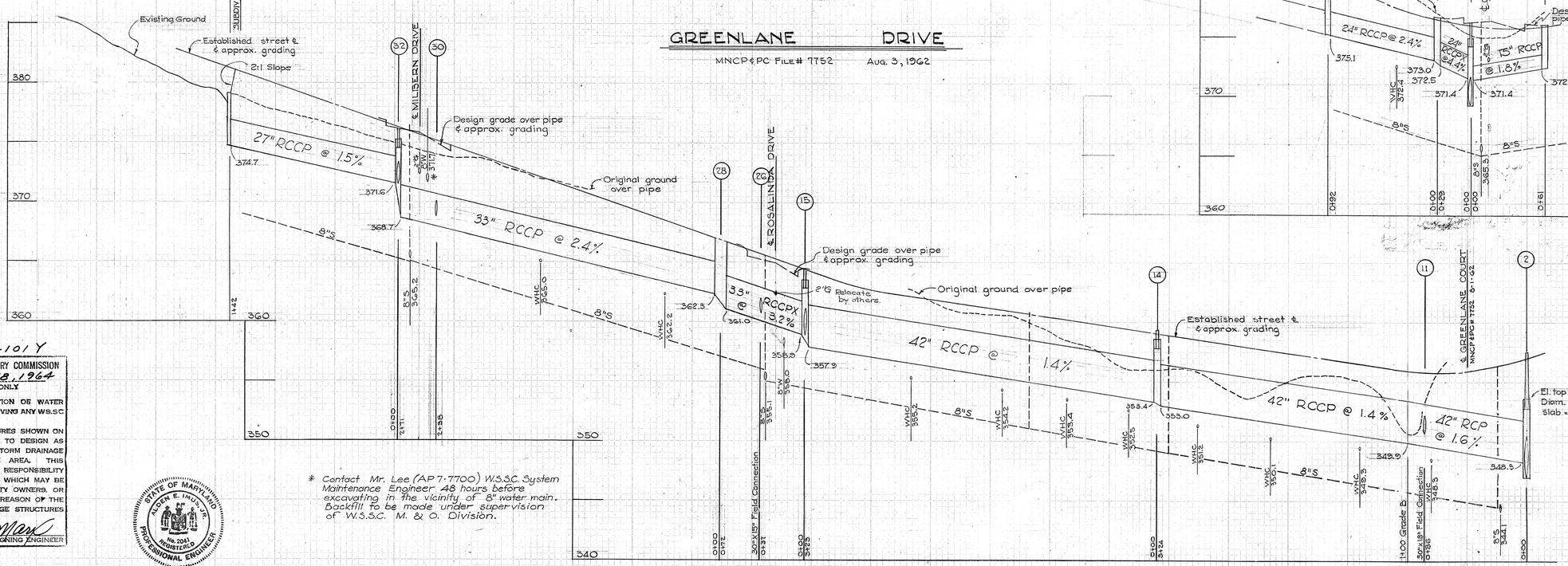
M.N.C.P.&P.C. File # 7742 8-3-1962



HIGHLAND STONE SUBDIVISION

GREENLANE DRIVE

MNCP&PC File # 7752 Aug. 3, 1962



* Contact Mr. Lee (AP 7-7700) W.S.S.C. System Maintenance Engineer 48 hours before excavating in the vicinity of 8" water main. Backfill to be made under supervision of W.S.S.C. M. & O. Division.

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
FINAL APPROVAL
DATE: June 15, 1964
BY:
* SUBJECT TO NECESSARY EASEMENTS

S.D. # D-35, 64101 Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED MAY 18, 1964
FOR STORM DRAINS ONLY

SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY WSSC STRUCTURES AFFECTED.
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SENIOR DESIGNING ENGINEER

STATE OF MARYLAND — ALDEN E. IMUS, JR. — No. 2041 — REGISTERED PROFESSIONAL ENGINEER

Alden E. Imus Jr.

DATE	REVISION

DRAFTING: NWS 1-63
CHECK:
DESIGN: CPH
CHECK:

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

PAVING AND STORM DRAINS

REGENCY ESTATES

MONTGOMERY COUNTY, MARYLAND

DATE	JOB NO.
August, 1963	1723-D-1
SCALE: Vert: 1"=5' Hor: 1"=50'	SHEET NO. 3 OF 5

P4-044

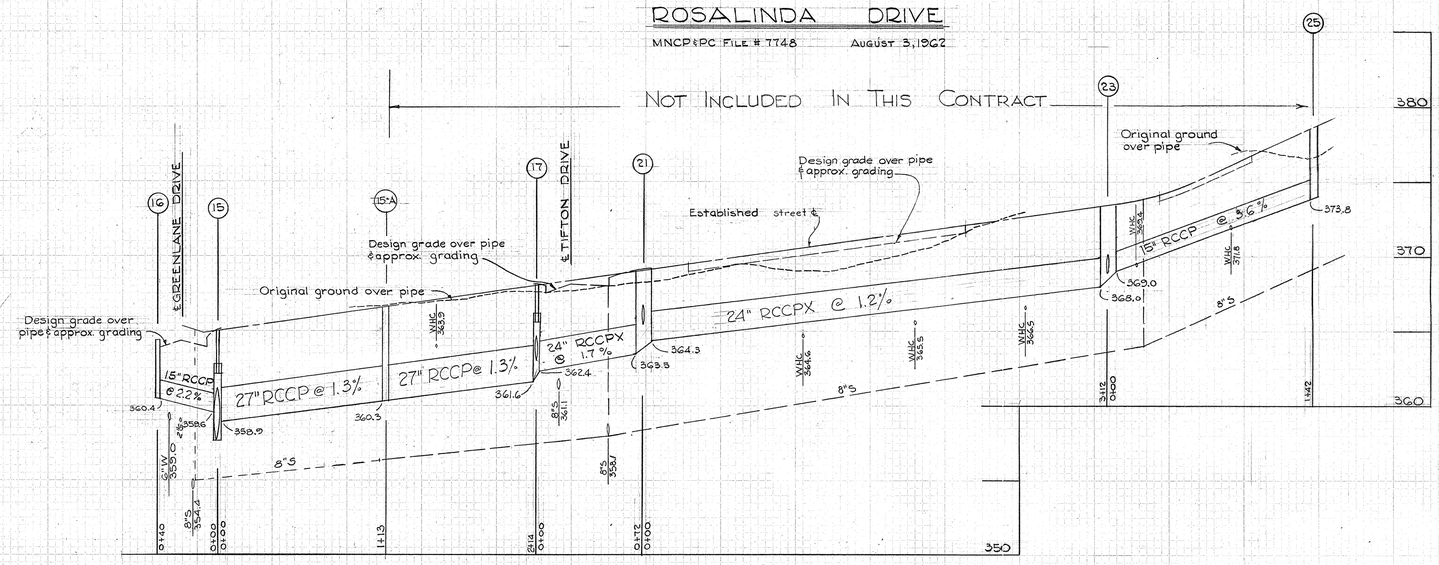
CE 487-664-3

SD FILE NO. 675

Maryland State Archives

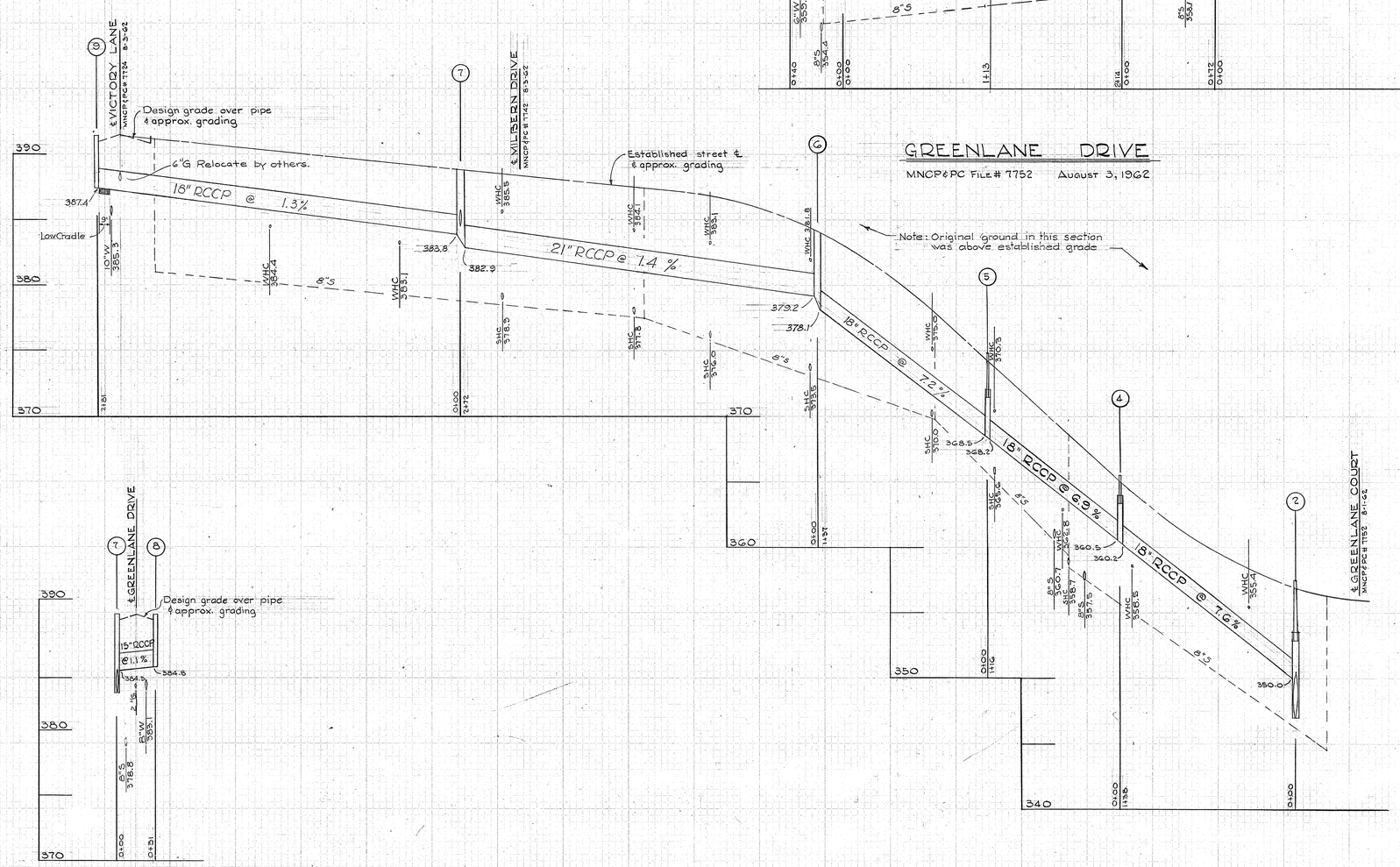
ROSALINDA DRIVE

MNCP&PC FILE # 7748 AUGUST 3, 1962



GREENLANE DRIVE

MNCP&PC FILE # 7752 AUGUST 3, 1962



GREENLANE DRIVE

S.D. # 0-35, 64101 Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED MAY 18, 1964
FOR STORM DRAINS ONLY

SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY WS,SC STRUCTURES AFFECTED.
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SENIOR DESIGNING ENGINEER

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
FINAL APPROVAL
DATE June 1st, 1964
BY

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

Alden E. Imus Jr

DATE	REVISION

DRAFTING: MWS / PK
CHECK:
DESIGN: PK
CHECK:

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

PAVING AND STORM DRAINS

REGENCY ESTATES

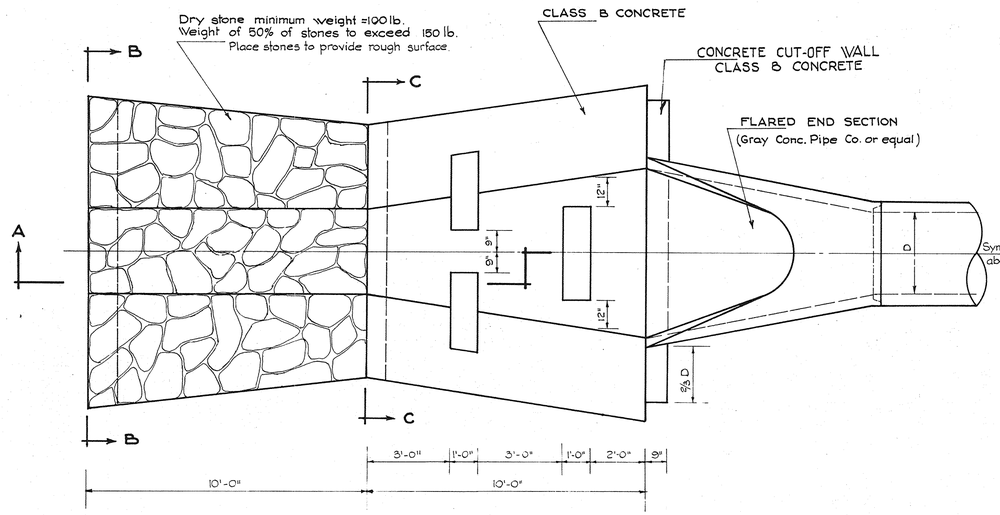
MONTGOMERY COUNTY, MARYLAND

DATE	JOB NO.
August, 1963	1723-D-1
SCALE Vert: 1"=5' Hor: 1"=50'	SHEET NO. 4 OF 5

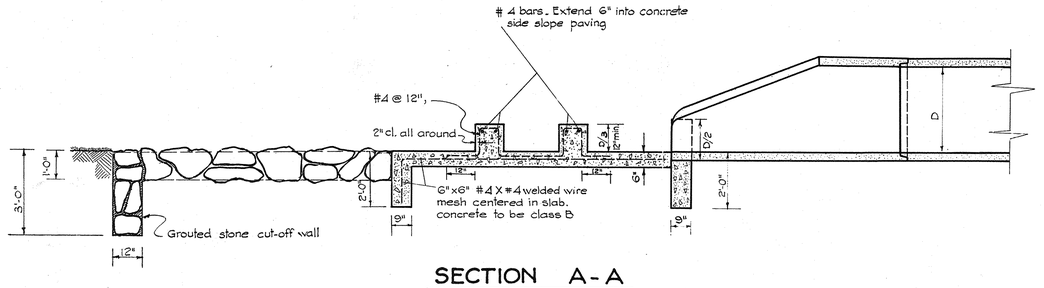
P4-045

CE 487-664-4

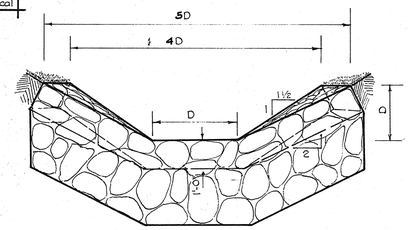
SD FILE NO. 675



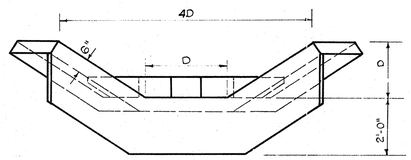
PLAN



SECTION A-A



VIEW B-B

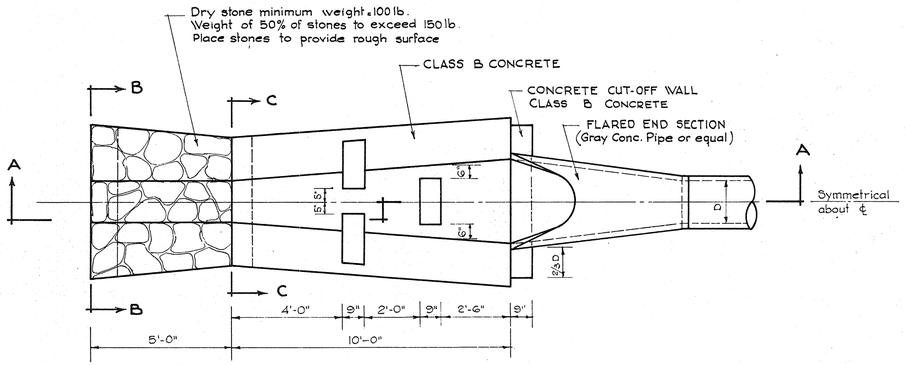


VIEW C-C

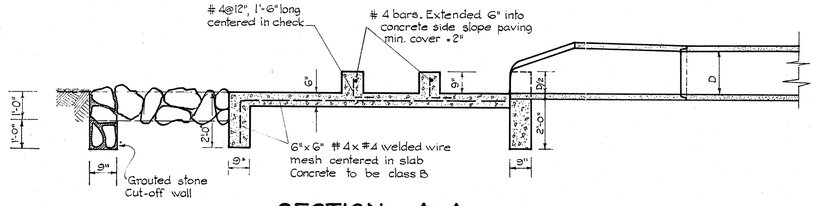
S.D. # 0-35, 64101 Y
WASHINGTON SUBURBAN SANITARY COMMISSION
*APPROVED MAY 18, 1964
FOR STORM DRAINS ONLY
* STRUCTURE #1 ONLY

VELOCITY CHECK WITH DRY RIP-RAP _ PIPES 27" THRU 72"

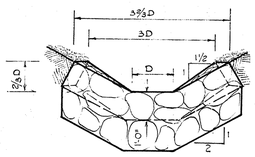
No Scale



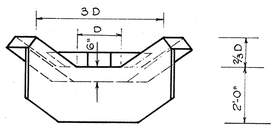
PLAN



SECTION A-A



VIEW B-B



VIEW C-C

VELOCITY CHECK WITH DRY RIP-RAP _ PIPES 15" THRU 24"

No Scale

Alden E. Jones Jr.

DATE	REVISION		
		DRAFTING:	
		CHECK:	
		DESIGN:	
		CHECK:	

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

REGENCY ESTATES
MONTGOMERY COUNTY, MARYLAND

DATE	JOB NO.
April, 1964	1723-D-1
SCALE	SHEET NO. 5 OF 5

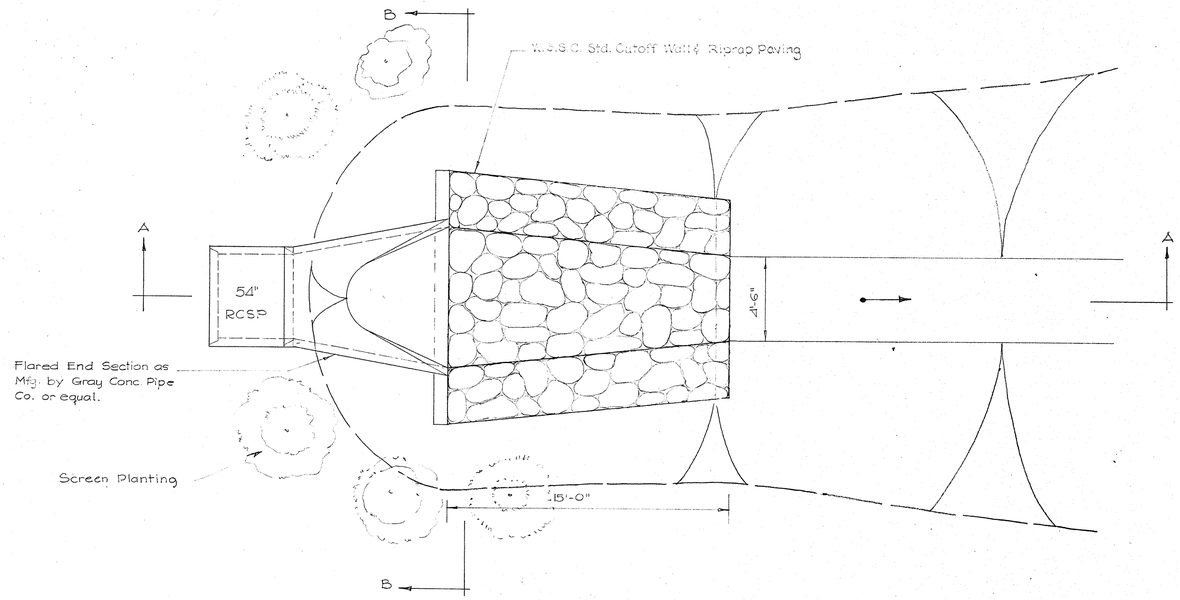
P4-046

CE487-664-5

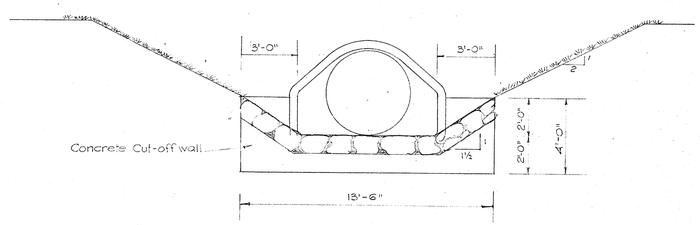
SD FILE NO. 675

Maryland State Archives

Maryland State Archives



PLAN



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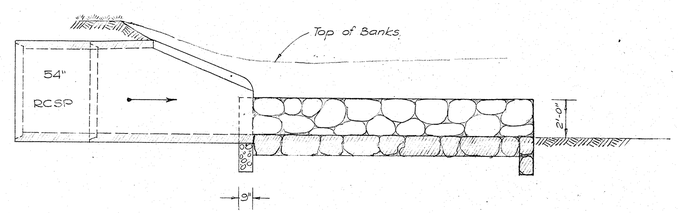

SECTION A-A

S.D.# D-28-62089 Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED March 13, 1963
FOR STORM DRAINS ONLY
SENIOR DESIGNING ENGINEER

675

DETAIL OF FLARED SECTION
STRUCTURE 100-A

DATE	REVISION			
		DRAFTING:		
		CHECK:		
		DESIGN:		
		CHECK:		

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

REGENCY ESTATES
MONTGOMERY COUNTY, MARYLAND

DATE	JOB NO.
February, 1963	1290 E-2
SCALE	SHEET NO.
1/4" = 1'	OF

CE487-664-6

SD FILE NO. 675