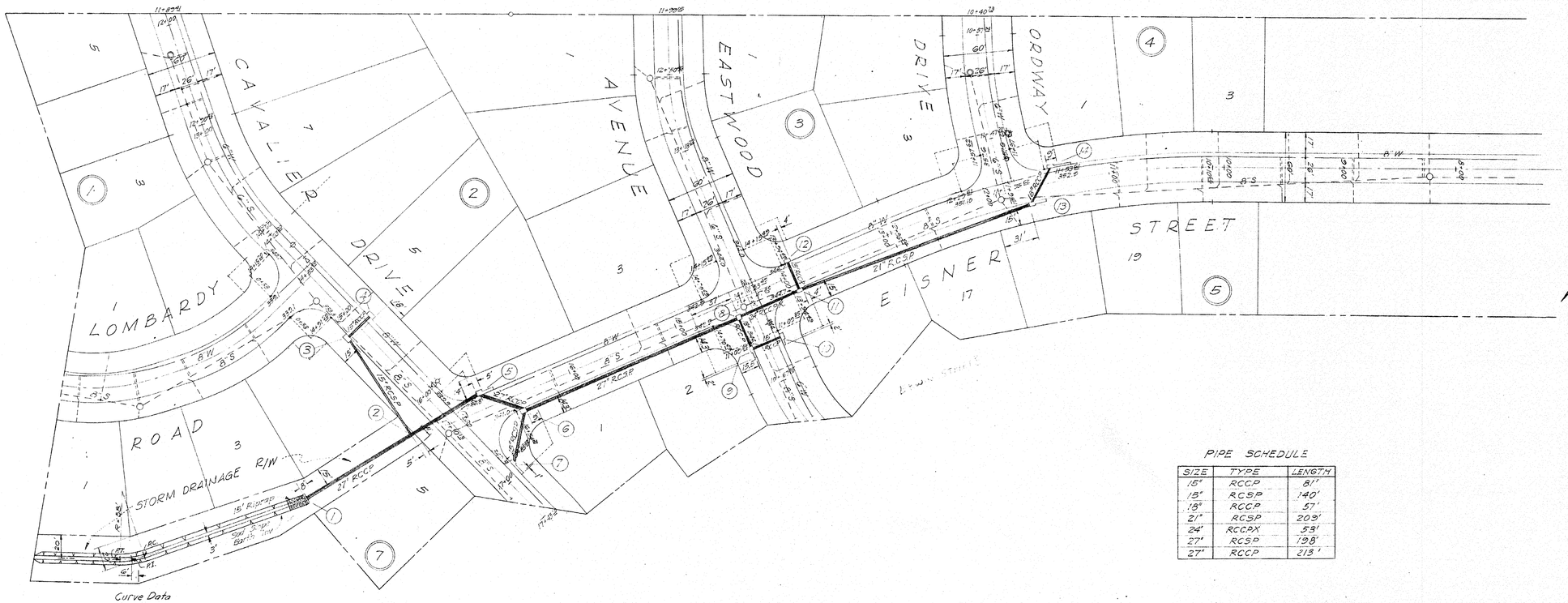
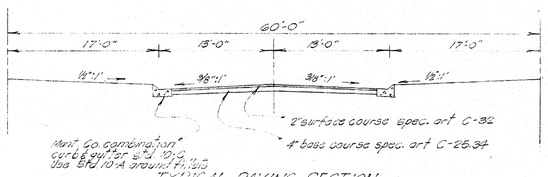


Curve Data
R=58'
Δ=20°00'00"
T-10.23
Arc=20.25



TYPICAL PAVING SECTION
SCALE: 1/4"=1'-0"

PIPE SCHEDULE

SIZE	TYPE	LENGTH
15"	RCCP	81'
15"	RCSP	140'
18"	RCCP	57'
21"	RCSP	205'
24"	RCCPX	53'
27"	RCSP	198'
27"	RCCP	213'

STRUCTURE SCHEDULE

NO.	TYPE	ELEV.	REMARKS
1	Special Endwall	333.1	See Sheet NO. 3
2	27"x15" Field Conn.		
3	A-1 Inlet	338.8	WSSC Std.
4	A-1 Inlet	338.8	" "
5	F-2 Inlet	340.7	" "
6	A-2 Inlet	341.0	" "
7	F-1 Inlet	342.1	WSSC Std.
8	B MH	342.9	48" Square
9	B-1 Inlet	344.2	WSSC Std.
10	B-1 Inlet	344.3	" "
11	A-1 Inlet	344.7	" "
12	A-1 Inlet	344.7	" "
13	F-1 Inlet	352.6	WSSC Std.
14	J-1 Inlet	352.9	See Detail, Sheet NO. 3

LOD 20 59003Y

James A. Strip

GENERAL NOTES

1. All storm drainage shall be constructed in accordance with the General Specifications of the Washington Suburban Sanitary Commission, adopted September 30, 1954.
2. Stone shall be provided [illegible] at structures involving a [illegible] in accordance with the Washington Suburban Sanitary Commission's Standard Detail.
3. Types of [illegible] Washington Suburban Sanitary Commission [illegible] Standard Detail [illegible]
4. Information concerning [illegible] utilities was obtained from available records. It is the Contractor's [illegible] determining the exact location and elevation of the utility by digging test pits by hand in all utility crossings well in advance of the trenching.

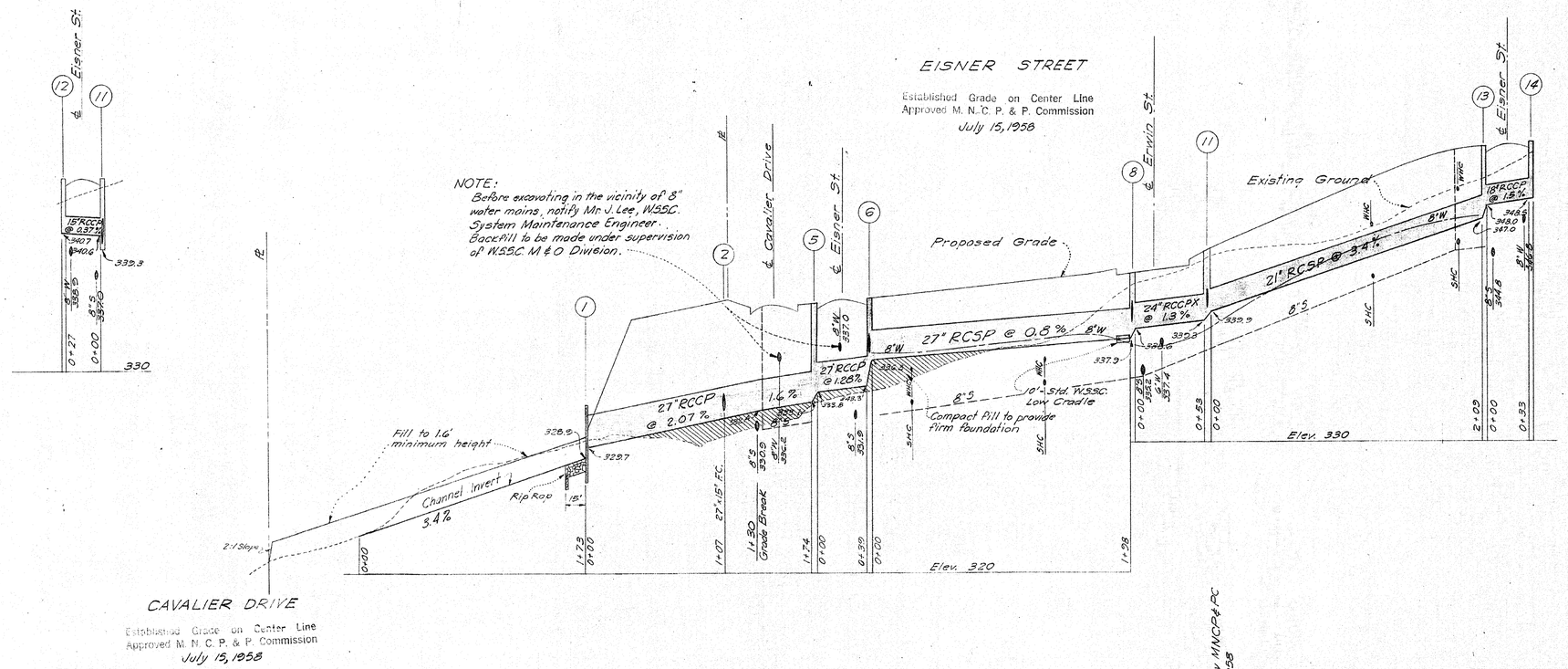
Sheet 1 of 3

STORM DRAINAGE and PAVING PLAN
SECTION 4
NORTHWOOD PARK
MONTGOMERY COUNTY, MARYLAND

DESIGNED BY	SCALE 1"=50'	DATE AUG. 1958
DRAWN BY	GREENHORNE AND O'MARA CIVIL ENGINEERS LAND SURVEYORS 4634 BALTIMORE AVENUE, HYATTSVILLE, MD.	
APPROVED BY	OWNER: RINERIDGE, INC. 10.801 LOCKRIDGE DRIVE SILVER SPRING, MD.	JOB NO. 58-414 FILE NO. SD-231

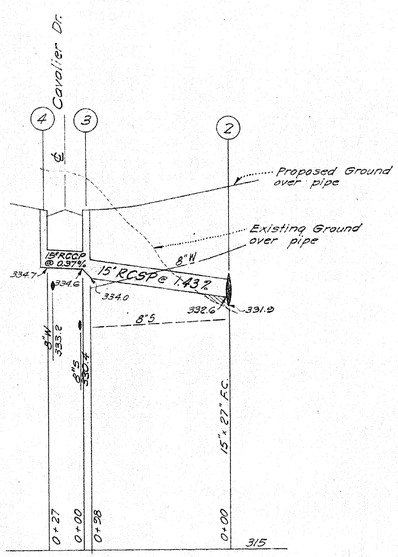
CE487-383-1

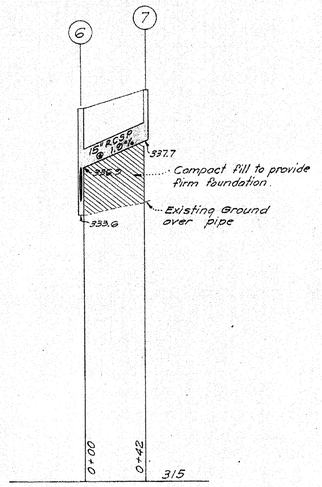
CD FILE NO. 387

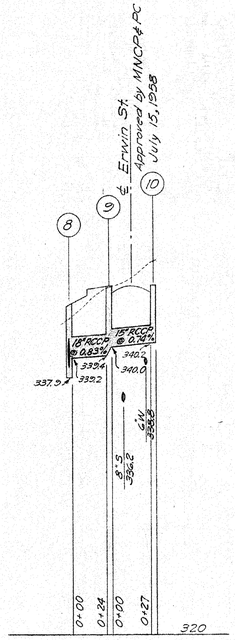


CAVALIER DRIVE

Established Grade on Center Line
Approved M. N. C. P. & P. Commission
July 15, 1958

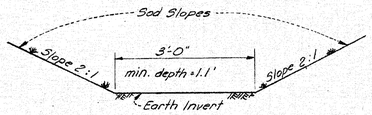






PROFILES

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



TYPICAL CHANNEL SECTION

No Scale

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PERMIT FOR MAINS ANY W.S.S.C. STRUCTURE APPROVED.
THE FINAL PLANS & PROFILES SHOWN ON THIS PLAN ARE APPROVED AS TO DESIGN AS A COMPONENT PART OF THE SYSTEM ... THIS CONDITION ... RESPONSIBILITY WHATSOEVER FOR ANY DAMAGE THAT MAY BE CAUSED TO ADJACENT PROPERTY, PERSONS OR TO OTHER PROPERTY ... AS A RESULT OF THE INSTALLATION OF THE DRAINAGE STRUCTURES SHOWN HEREON.
Arthur A. Stage
CHIEF ENGINEER
THE W.S.S.C. CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

Sheet 2 of 3

STORM DRAINAGE & PAVING PLAN
SECTION 4

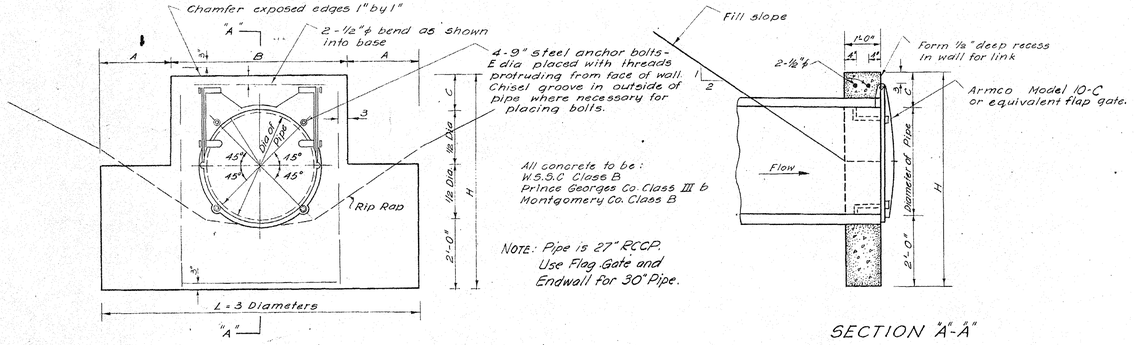
NORTHWOOD PARK

MONTGOMERY COUNTY, MARYLAND

DESIGNED BY	SCALE As Shown	DATE Sept 1958
DRAWN BY	GREENHORNE AND O'MARA CIVIL ENGINEERS LAND SURVEYORS 4634 BALTIMORE AVENUE, HYATTSVILLE, MD.	
APPROVED BY	OWNER PINERIDGE, INC. 10,801 LOCKRIDGE DRIVE SILVER SPRING, MD.	JOB NO. 58-414 FILE NO. 50-231

CE487-383-2

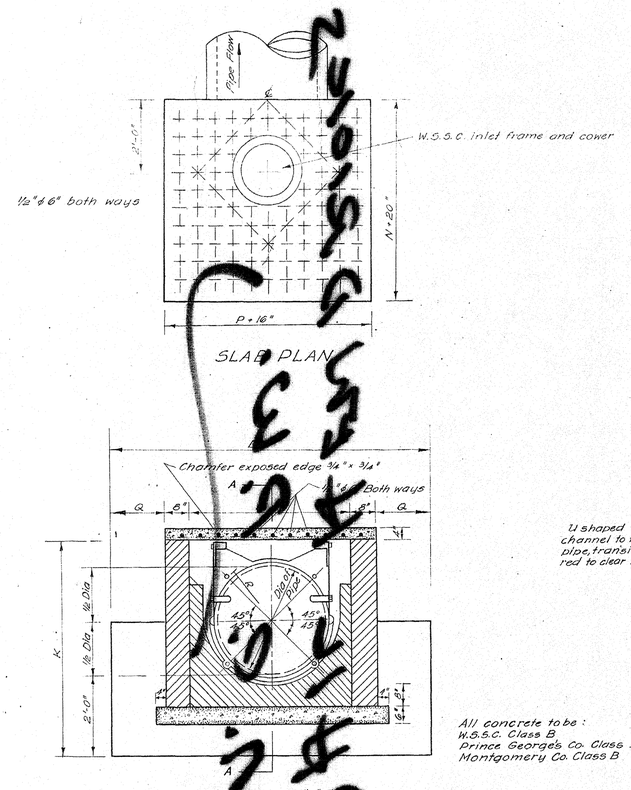
SD FILE NO. 387



STRUCTURE NO. 1

SPECIAL CUT OFF WALL WITH FLAP GATE AT OUTLET.

No Scale



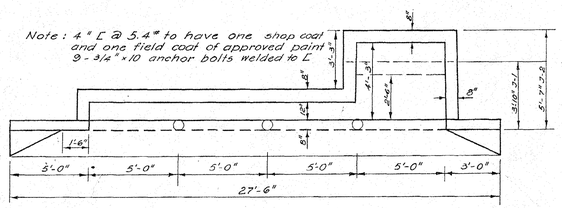
SPECIAL CUT OFF WALL WITH FLAP GATE AT ENTRANCE

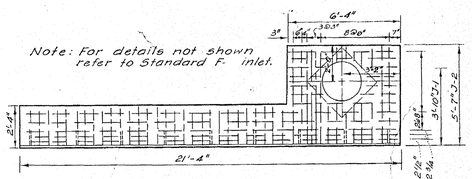
No Scale

GATE DIAM.	A	B	C	H	L	R	E	CU. YD. CONC.
60"	4'0"	7'0"	1'3"	8'4"	15'0"	34 1/4"	1"	2.7
54"	3'6"	6'6"	1'3"	7'9"	13'6"	31 1/8"	1"	2.4
48"	3'0"	6'0"	1'3"	7'3"	12'0"	27"	3/4"	2.0
42"	2'6"	5'6"	1'0"	6'6"	10'6"	23 1/8"	3/4"	1.7
36"	2'0"	5'0"	1'0"	6'0"	9'0"	20 7/16"	3/4"	1.4
W-1 → 30"	1'6"	4'6"	1'0"	5'6"	7'6"	17"	3/4"	1.1
24"	1'0"	4'0"	1'0"	5'0"	6'0"	13 3/4"	5/8"	.85
21"	10 1/2"	3'6"	1'0"	4'9"	5'3"	12 1/8"	5/8"	.66
18"	9"	3'0"	1'0"	4'6"	4'6"	10 1/8"	5/8"	.60
15"	7 1/2"	2'6"	1'0"	4'3"	3'9"	8 7/8"	1/2"	.47

GATE DIAM	E	L	K	N	P	Q	R"	CU. YD. CONC.
60"	1"	15'0"	8'4"	6'6"	6'8"	42"	34 1/4"	4.92
54"	1"	13'6"	7'10"	5'9"	6'0"	37"	31 1/8"	4.22
48"	3/4"	12'0"	7'2"	5'4"	5'6"	31"	27"	3.56
42"	3/4"	10'6"	6'6"	4'8"	5'0	25"	23 1/8"	2.97
36"	3/4"	9'0"	5'-9"	4'0"	4'6	19"	20 7/16"	2.39
30"	3/4"	7'6"	5'3"	3'6"	4'0"	13"	17"	1.95
24"	5/8"	6'0	4'9"	3'0"	3'6"	7"	13 3/4"	1.55
21"	5/8"	5'3"	4'6"	2'9"	3'3"	4"	12 1/8"	1.35
18"	5/8"	4'4"	4'4"	2'3"	3'0"	0"	10 1/8"	1.10
15"	1/2"	3'10"	4'0"	2'0"	2'6"	0"	8 7/8"	.94

NOTE.
Parge exposed portion of brick walls. Flap gates shall be furnished with brass studs, bushings and nuts and bronze cotter pins.





DETAIL "J" INLET.

SCALE: 1/4" = 1'-0"

SD #-20,(NO.)
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED Jan. 21, 1959
James A. Stapp
SENIOR DESIGNING ENGINEER

Sheet 3 of 3

STORM DRAINAGE & PAVING PLAN
SECTION 4

NORTHWOOD PARK

MONTGOMERY COUNTY, MARYLAND

Designed by	Scale 1" = 50'	Date AUG. 1958
Drawn by E.R.	GREENHORNE AND O'MARA CIVIL ENGINEERS - LAND SURVEYORS 4634 BALTIMORE AVE, HYATTSVILLE, MD.	
Approved by	Owner: PINERIDGE, INC. 10801 LOCKRIDGE DRIVE SILVER SPRING, MD.	Job No. 58-414 File No. SD-231

CE 487-383-3

SD FILE NO. 387

Maryland State Archives