RICKOVER ROAD

INGERSOL DRIVE

RICKOVER ROAD

CONN. AVE

SPRUELL DRIVE

(1.) (2) (3) (4)

(See continuation below)

MATCH LINE

Excavate Channel
See Detail below
for outlet location

7+14.78 Rickover
7+85.63 Ingersol

2+51.11 Conn.
34+13.11 Spruell

32+09.47 Spruell
0+00 Rickover

0+00 Ingersol
20+12.67 Spruell

Provide 150'± of 6" Rolled Maccdam Temporary Curb @ Turn-around Omit 3' of Curb around each Flow Line to Drain

10+28.46

End ditch at natural Ground

End Paving

NOTE:
Sidewalks
to be built
As shown.

See profile sheet 2

Match Line

OUTLET FROM E-3

DETAIL FOR CHANNEL EXCAVATION
SCALE 1"= 2'-0"

Aug. 15 58
WSSC 76th Cong.
* Subject to necessary drainage easement.

S.D. # D-18, 58076-Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED July 10, 1958
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY WS&S FACILITIES AFFECTED.
THE STORM DRAINAGE INSTALLATION SHOWN ON THIS PLAN AND APPROVED AS TO DESIGN IS A COMPONENT PART OF THE STORM DRAINAGE SYSTEM FOR THIS DEVELOPMENT. NEITHER THE COMMISSION NOR ITS OFFICERS OR AGENTS SHALL BE RESPONSIBLE IN WHATSOEVER FOR ANY DAMAGE WHICH MAY BE CAUSED TO ADJACENT PROPERTY OWNERS OR TO OWNERS DOWNSTREAM, BY REASON OF THE INSTALLATION OF THE DRAINAGE FACILITIES SHOWN HEREON.
James A. Tapp
CHIEF ENGINEER
THE W.S.S.C. CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

Chairmans of 4 lots and revision of E-1, E-2 & E-3 to W.S.S.C. std cut-off walls approved 11/10/60 JAT

NOTES:

1. All storm drains shall be constructed in accordance with the general specifications of the W.S.S.C. adopted Sept. 30, 1954.
2. Types of structures refer to W.S.S.C. 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 & elevation of mains by digging test pits by hand at all utility crossings well in advance of trenching.
4. Where original ground is below pipe, the fill is to be compacted to 95% of maximum density.

SHEET 1 OF 2

STORM DRAIN & PAVING PLAN
VARIOUS STREETS
ROCK CREEK PALISADES
MONTGOMERY COUNTY, MARYLAND

DESIGNED BY	SCALE 1" = 50'	DATE
DRAWN BY	Greenhorne, O'Mara, Demberry & Nealon Civil Engineering - Land Surveying 4610 Lee Hwy, Arlington, Va.	
APPROVED BY	OWNER: Bancroft Construction Co. 11103 Dewey Road Kensington, Maryland	JOB NO. FILE NO. PP-13

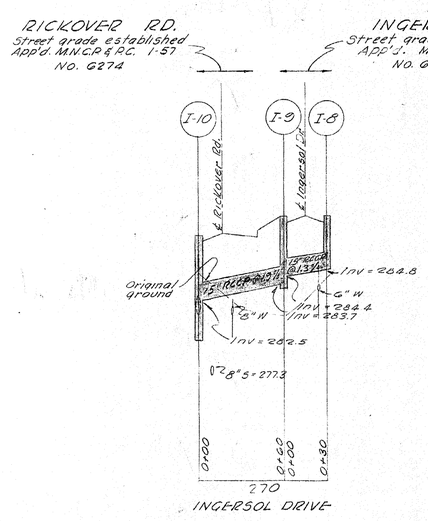
Revised 1-5-60

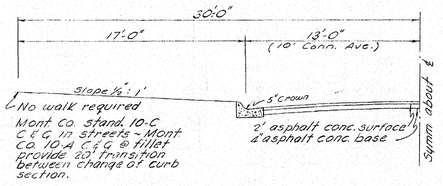
CE487-349-1

SD FILE NO. 353

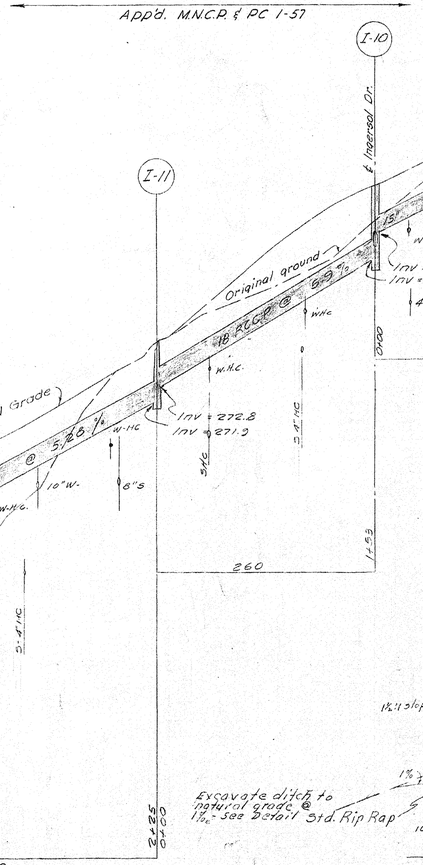
SCHEDULE

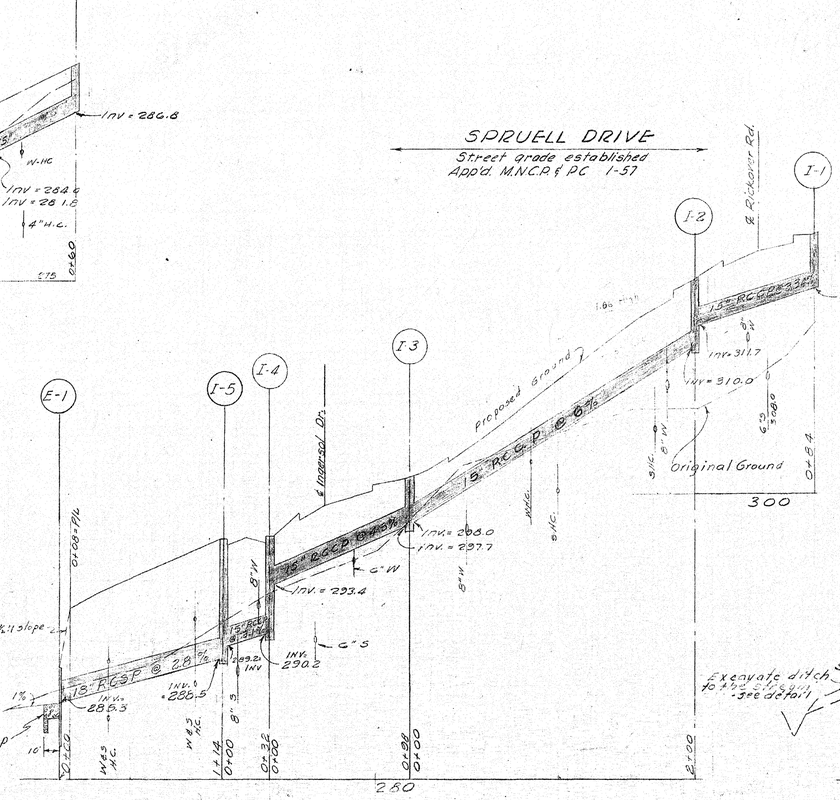
STRUCTURE				PIPE		
NO.	TYPE	TOP EL.	REMARKS	DIA.	LENGTH	TYPE
I-1	F-1	318.2		15"	475 L.F.	RCCP
I-2	A-2	315.0		15"	261 L.F.	RCSP
I-3	A-1	301.0		18"	368 L.F.	RCCP
I-4	B-2	297.0		18"	37 L.F.	RCSP
I-5	B-1	297.5		21"	101 L.F.	RCSP
E-1	5% & RR	290.17				
I-6	A-1	269.5				
I-7	A-1	269.5				
E-2	5% & RR	260.42				
I-8	B-1	288.5				
I-9	A-1	288.5				
I-10	A-2	287.1				
I-14	F-1	305.4				
I-11	B-2	276.5				
I-12	A-1	262.2				
I-13	A-2	262.0				
E-3	5% & RR	250.62				

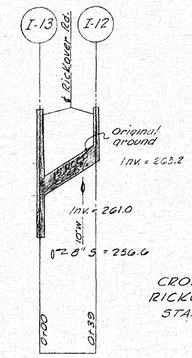




HALF PAVING SECTION
Scale: 3/16" = 1'-0"

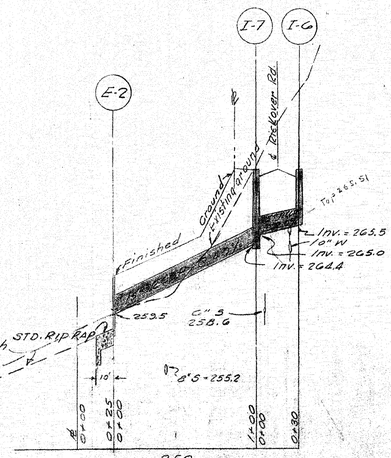






CROSS DRAIN
RICKOVER RD.
STA. 10+83

RICKOVER ROAD
Street grade established
App'd. M.N.C.P. & PC. 1-57



PIPE CROSSING
RICKOVER RD. STA. 17+84

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
* FINAL APPROVAL
DATE Aug. 15 1958
BY hm Zb Tallard

* Subject to necessary drainage easement

S. D. # D-18, 58072-Y

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED July 18, 1958
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 OTHERS DOWNSTREAM, BY REASON OF THE INSTALLATION OF THE DRAINAGE STRUCTURES SHOWN HEREON.
James A. Stapp
SENIOR DESIGNING ENGINEER
THE W.S.S.C. CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

Elimination of flap gates and revision of E-1, E-2 & E-3 to W.S.S.C. Std cut-off walls approved 1/12/60 JAS

Revised 1-5-60
SHEET 2 OF 2

STORM DRAIN & PAVING PLAN
VARIOUS STREETS
ROCK CREEK PALISADES
MONTGOMERY COUNTY, MD.

DESIGNED BY | SCALE: | DATE:
DRAWN BY | GREENHORNE & O'MARA, CIVIL ENGINEERS LAND SURVEYORS, 4636 BALTIMORE AVENUE, HYATTSVILLE, MD.
APPROVED BY | OWNER: BANCROFT CONSTRUCTION CO. 11102 DEWEY ROAD, KENSINGTON, MARYLAND | JOB NO. | FILE NO. IP-137

CE 487-349-2

SD FILE NO. 393

General Notes

1. All storm drains shall be constructed in accordance with the General Specifications of the Washington Suburban Sanitary Commission, most recent edition.
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.

Structure Schedule

№	Type	Top Elevation Up	Top Elevation Down	Remarks
1	Endwall (6')	266.0	—	VSSC Std. (6')
2	60"×21" Tee	—	—	Field Connection
3	60"×30" Tee	—	—	" "
4	A-B	270.0	270.0	⅜ Throat Section
5	E' Endwall	282.75	—	SRC Std. (24')
6	60"×15" Tee	—	—	Field Connection
A-A	D Inl	284.5	—	48"ø
A-B	D Inl	285.0	—	48"ø
A-C	D Inl	288.5	—	48"ø
A-D	D Inl	274.9	—	84"ø ¥ Slots, H&S
A-E	Spec. Inl	279.5	—	See Detail
H-1	Headwall (15')	273.17	—	VSSC Std. (15')
H-2	Headwall (15')	269.15	—	(15')
H-3	Endwall (21')	268.78	—	SRC 'C'

Note:
Storm Drainage and Right of Way Stake-out to be Provided by Developer as Directed.
Final Grading and Surface Improvements Within Town House Development to be Done by the Developer After the Completion of the Storm Drainage Construction.
Special Note: February 20, 1968
Attention is called to deletion of the 21" drain between M-A & H-3.

Block Section
No Scale.

Section

Front Elevation

Velocity Check Details
Scale: 1"=10'

35' Utility Right Of Way
Provide Slots to H&S, See

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

Sprusell Drive
Estab. Grade on ℄ App. ANCP & PC 1-8-57

Sprusell Drive
Estab. Grads on ℄ App. ANCP & PC 12-28-55

Details Structure M-L
Scale: ¼"=1'-0"

Pipe Cover Detail
No Scale.

Chain Link Fence Detail
(No Scale)

℄ Pipe Curve Data:
Rad = 300.00
Arc = 81.16
Δ = 15°30'00"
Tan = 40.83
Ch'd = 80.91
Max. Pipe Laying Length = 6'-0"

Sprusell Dr.

Storm Drain R.O.W.

18' Right of Way

Sprusell Ct.

Connecticut Avenue

Byrd Road

Drive

DTP A&L #1 El. 282.61
Sewer Manhole Rim 110' N. ℄ Int. Sprusell Dr. & Byrd Rd., 10' E. ℄ Sprusell Dr.

DTP #7824 El. 300.21
Railroad Spike in W. side C. & P. pole A 12317, W. side Connecticut Ave., 700' N. Denfield Ave.

DTP #7826 El. 282.78
= cut. S.W. corner concrete headwall E. side Connecticut Ave., 150' N. Woodson Ave. & Aslonia Rd.

Owner: Edward V. Schultz
℅ Samuel E. Beale
7005 Wisconsin Avenue
Bethesda, Maryland

DATE	DESCRIPTION
	REVISIONS

CONTRACT NO. 68SDR5

WASHINGTON SUBURBAN SANITARY COMMISSION

APPROVED JUNE 28, 1968

SUPERVISION FOR MAIN LINES ONLY BY DEPT. OF STATE FORESTS & PARKS BALTIMORE, MD.

EXAMINED FOR: WATER & SEWERS — FK 11-27-68; STORM DRAIN; OTHER UTILITIES

Prepared by: ALLEN & KOENIG • Surveyors • Planners • Bethesda • Maryland

Montgomery County Dept. of Public Works CONTRACT "68SDR5"

Kensington District
STORM DRAINS
Connecticut Avenue to Sprusell Drive
• Rock Creek Palisades •
Montgomery County, Maryland

DRAWING NO. 0F

WSSC PERMIT # 2080 FOR WORK IN PUBLIC SPACE

CE487-349-3

FI
SD
HO.
85-1