SD # D-36, 6428)-Y

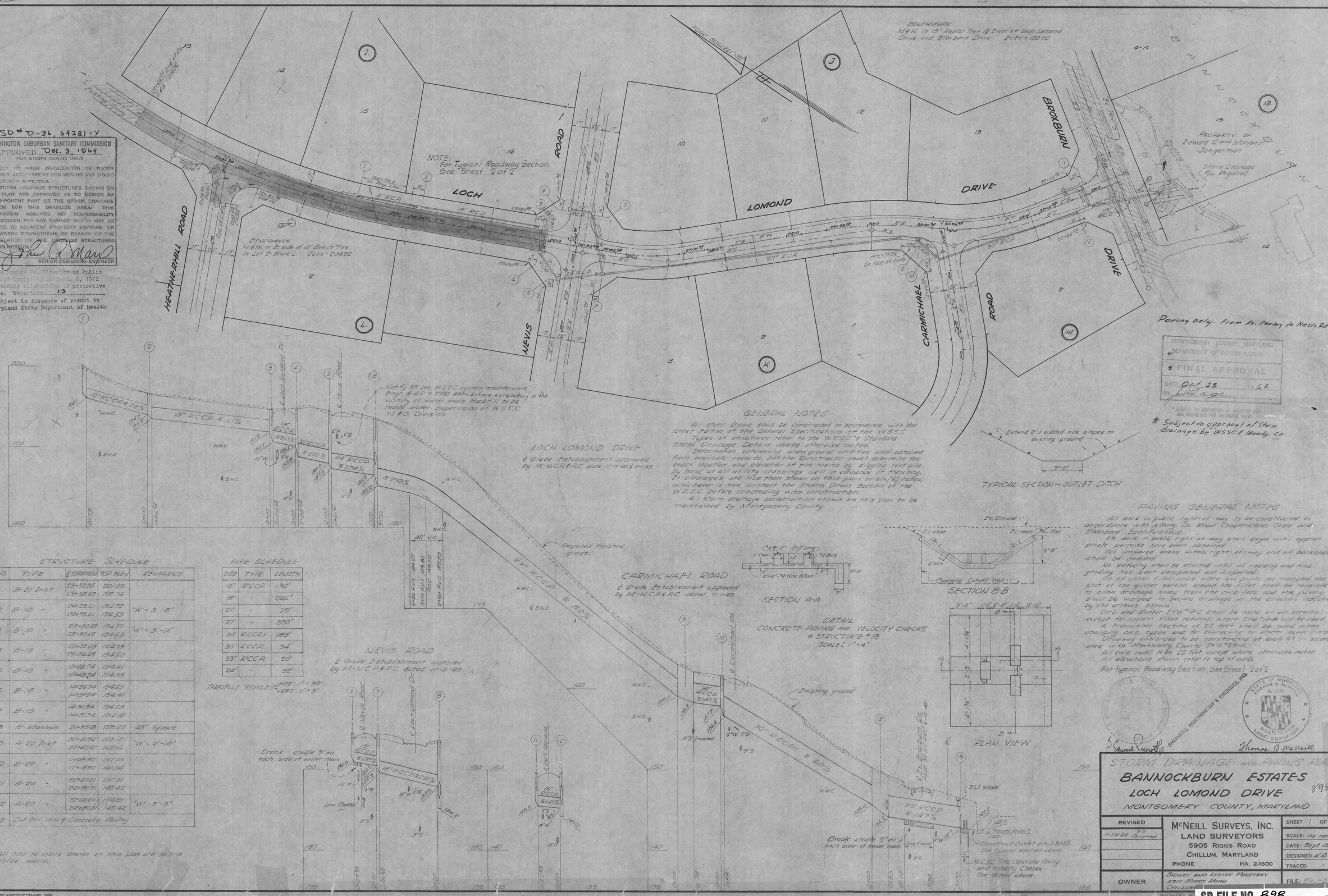
WASHINGTON SUBURBAN SANITARY COMMISSION
*APPROVED Oct. 9, 1964
FOR STORM DRAINS ONLY

SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY W&SC 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 C. Marx
SENIOR DESIGNING ENGINEER

*See Montg. Co. Director of Public Works' letter dated Sept. 6, 1961 regarding eliminating protective gate. Structure 13

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



STRUCTURE SCHEDULE

NO.	TYPE	℄ STATION	TOP ELEV.	REMARKS
1	B-20 Inlet	23+37.95 23+58.47	201.05 199.76	
2	B-10 "	24+25.01 24+30.61	196.70 196.55	"W" = 3'-6"
3	B-10 "	25+80.08 25+90.68	194.77 194.65	"W" = 3'-11"
4	B-15 "	25+79.68 25+94.68	194.78 194.60	
5	B-10 "	13+88.04 13+93.04	194.41 194.38	
6	B-15 "	14+36.94 14+51.94	194.65 194.41	
7	B-15 "	14+36.94 14+51.94	194.65 194.41	
8	B-Manhole	26+82.08	193.60	4.5' Square
9	A-20 Inlet	30+41.92 30+62.42	163.10 162.16	"W" = 2'-10"
10	B-20 "	11+28.37 12+18.37	163.10 161.56	
11	B-20 "	32+60.01 32+80.01	150.31 149.42	
12	A-20 "	32+60.01 32+80.01	150.31 149.42	"W" = 3'-5"
13	Cut Off Wall & Concrete Paving			

All ties to inlets shown on this plan are to the inside walls.

PIPE SCHEDULE

SIZE	TYPE	LENGTH
15"	RCCP	190'
18"	"	246'
21"	"	39'
27"	"	390'
30"	R.C.C.P.	183'
30"	R.C.C.P.	34'
33"	RCCP	50'
24"	"	52'

PROFILE SCALES: HOR. 1" = 50' VERT. 1" = 5'

CE487-882-1

SD # D-36, 6428) - Y

WASHINGTON SUBURBAN SANITARY COMMISSION
*APPROVED Dec. 9, 1964
FOR STORM DRAINS ONLY

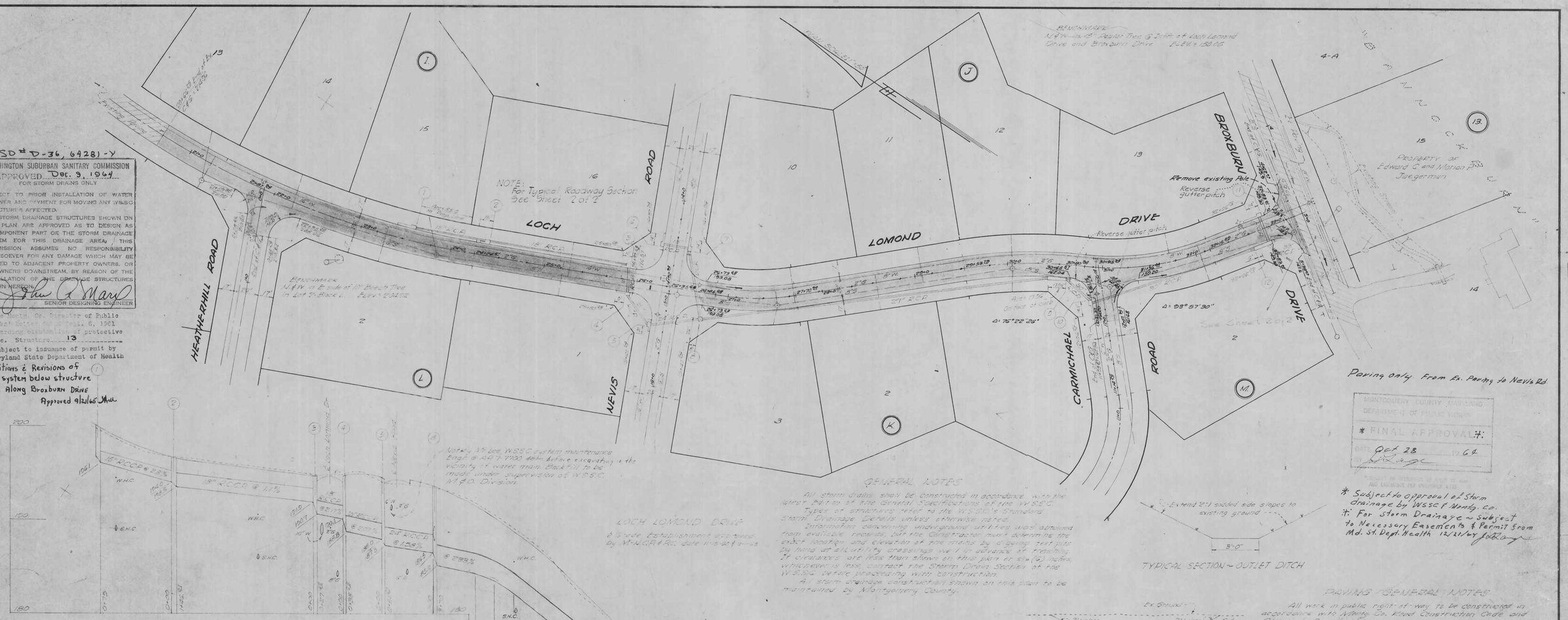
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY WSSC STRUCTURE IN AFFECTED.
THE STORM DRAINAGE STRUCTURES SHOWN ON THIS PLAN ARE APPROVED AS TO DESIGN AS A COMPONENT PART OF THE STORM DRAINAGE SYSTEM FOR THIS DRAINAGE AREA. THIS COMMISSION ASSUMES NO RESPONSIBILITY WHATSOEVER 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 L. Marx
SENIOR DESIGNING ENGINEER

*See Mont. Co. Director of Public Works' letter dated Sept. 6, 1961 regarding maintaining protective gate. Structure 13

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

Additions & Revisions of S.D. system below structure #12 Along Broxburn DRIVE
Approved 9/2/65 [illegible]



MONTGOMERY COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS
* FINAL APPROVAL ‡
Oct 28 1964
[illegible]

* Subject to approval of Storm Drainage by WSSC & Mont. Co.
‡ For Storm Drainage - Subject to Necessary Easements & Permit from Md. St. Dept. Health 12/21/67 [illegible]

GENERAL NOTES

All storm drains shall be constructed in accordance with the latest edition of the General Specifications of the W.S.S.C.

Types of structures refer to the W.S.S.C. Standard Storm Drainage Details unless otherwise noted.

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 circumstances other than shown on this plan or six (6) inches, whichever is less, contact the Storm Drain Section of the W.S.S.C. before proceeding with construction.

All storm drainage constructed shown on this plan to be maintained by Montgomery County.

PAVING GENERAL NOTES

All work in public right-of-way to be constructed in accordance with Montg. Co. Road Construction Code and Standard Specifications.

No work in public right-of-way shall begin until appropriate permits have been obtained.

All unpaved areas within right-of-way and all backslopes shall be seeded.

No surfacing shall be started until all grading and fine grading has been completed and inspected.

In all corner fillets, where curb grade points are indicated, the plan of the gutter section around the fillet shall be reversed to allow drainage away from the curb face, and the paving shall be warped to secure drainage in the direction indicated by the arrows shown.

Curb and Gutter Std. T-6 and T-8-C shall be used on all streets except on corner fillet returns where Std. T-10-A shall be used.

A transition section of 20 feet shall be used when changing curb types and for connecting to storm sewer inlets.

Driveway entrances to be constructed at each lot in accordance with Montgomery County Std. #23-A.

All curb radii to be 25 feet except where otherwise noted.

All elevations shown refer to top of curb.

For typical Roadway Section, See Sheet 2 of 2

STRUCTURE SCHEDULE

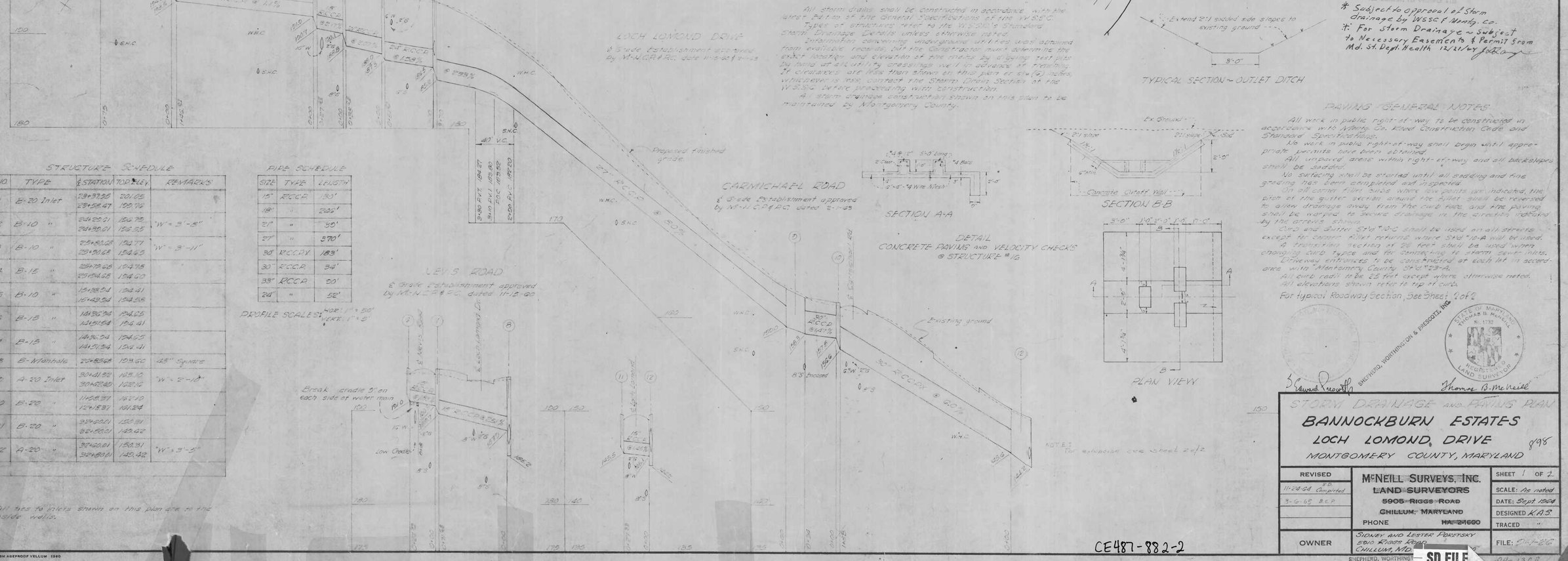
NO	TYPE	STATION	TOP ELEV.	REMARKS
1	B-20 Inlet	23+37.25 23+58.47	201.05 199.76	
2	B-10 "	24+00.01 24+30.01	196.70 198.35	"W" = 3'-8"
3	B-10 "	25+80.05 25+80.05	192.77 194.65	"W" = 3'-11"
4	B-15 "	25+79.65 25+94.65	194.78 194.60	
5	B-10 "	15+98.04 15+98.04	194.41 194.88	
6	B-15 "	14+96.04 14+81.04	194.05 194.41	
7	B-15 "	14+96.04 14+71.04	194.05 194.41	
8	B-Manhole	20+88.68	199.60	48" Square
9	A-20 Inlet	30+41.82 30+82.82	189.10 192.16	"W" = 2'-10"
10	B-20 "	11+28.37 12+15.37	162.10 161.24	
11	B-20 "	32+00.01 32+50.01	150.31 149.42	
12	A-20 "	32+00.01 32+50.01	150.31 149.42	"W" = 3'-3"

PIPE SCHEDULE

SIZE	TYPE	LENGTH
15"	RCCP	130'
18"	"	265'
21"	"	50'
27"	"	370'
30"	RCCP/V	183'
30"	RCCP	34'
33"	RCCP	50'
24"	"	52'

PROFILE SCALES: HOR. 1" = 50' VERT. 1" = 5'

All ties to inlets shown on this plan are to the inside walls.



Sidney Poretsky
SHEPHERD, WORTHINGTON & PRESCOTT, INC.
Thomas B. McNeill
STATE OF MARYLAND THOMAS B. McNEILL No. 1232 REGISTERED LAND SURVEYOR

STORM DRAINAGE AND PAVING PLAN
BANNOCKBURN ESTATES
LOCH LOMOND DRIVE
MONTGOMERY COUNTY, MARYLAND

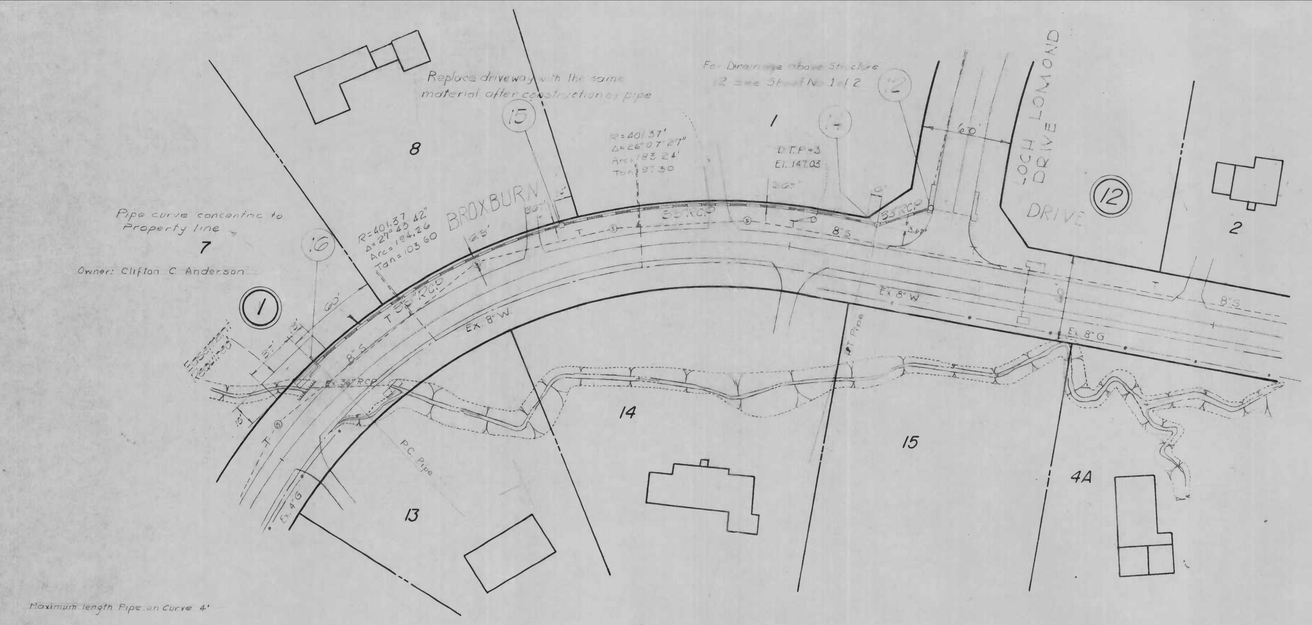
REVISED	McNEILL SURVEYS, INC. LAND SURVEYORS 5905 RIGGS ROAD CHILLUM, MARYLAND PHONE HA. 2-1660	SHEET 1 OF 2
11-24-64 B.D. Completed		SCALE: As noted
9-6-65 B.E.P.		DATE: Sept 1964
		DESIGNED K.A.S.
		TRACED "
OWNER	SIDNEY AND LESTER PORETSKY 5910 Riggs Road CHILLUM, MD.	FILE: [illegible]

SHEPHERD, WORTHINGTON & PRESCOTT, INC.

CE487-882-2

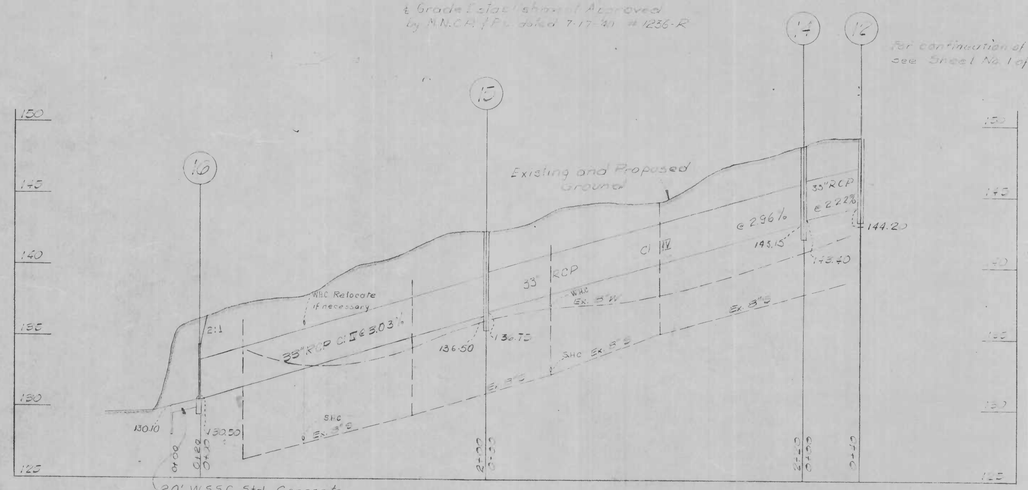
SD FILE

DIETZGEN 1980 ASEPROOF VELLUM 1980



PLAN
Scale 1"=50'

SCHEDULE									
STRUCTURE					PIPE				
No.	Type	Top Elev.		Remarks	From	To	Dia.	Length	Type
14	B-M	H 149.50		48" Square	12	14	33	40	RCP CIV
15	B-M	H 142.40		48" Square	14	15	33	155.24	RCP CIV
16	E			MSRC. Std. E Endwall for 36"	15	16	33	194.26	RCP CIV



Profile Scale
Horiz. 1"=50'
Vert. 1"=5'

SD# D-36, 64281-Y
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED Sept. 21, 1965
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FEE 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 THIS DRAINAGE STRUCTURE SHOWN HEREON.
John R. Mark
SENIOR DESIGNING ENGINEER

Sheet No. 2 of 2

STORM DRAINAGE and PAVING PLAN
BANNOCKBURN ESTATES
BROXBURN DRIVE
MONTGOMERY COUNTY, MARYLAND

898

SHEPHERD, WORTHINGTON & PRESCOTT, INC.
CIVIL ENGINEERS - LAND SURVEYORS - LAND PLANNERS
8226 FENTON STREET, SILVER SPRING, MD.

SCALE SHOWN DATE AUGUST 1965

OWNER SIDNEY & LESTER PORETSKY
5910 RIGGS ROAD
CHILLUM, MD.

SD FILE NO. 898

CE487-882-3