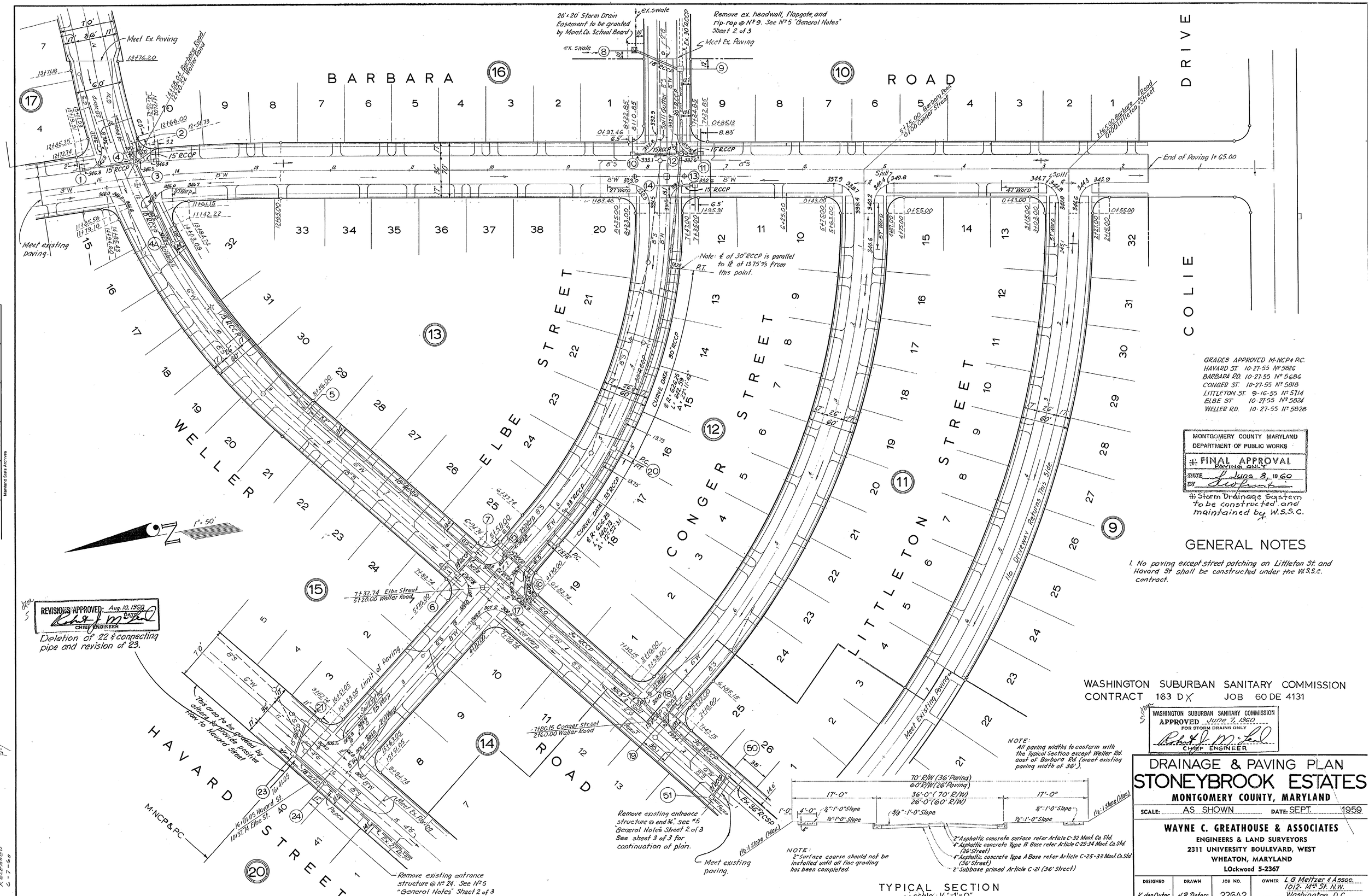


REVISIONS APPROVED: Aug. 10, 1960
DATE
CHIEF ENGINEER
Deletion of 22 & connecting pipe and revision of 23.

GRADES APPROVED M-NCP & P.C.
HAVARD ST. 10-27-55 Nº 5826
BARBARA RD. 10-27-55 Nº 5686
CONGER ST. 10-27-55 Nº 5818
LITTLETON ST. 9-16-55 Nº 5714
ELBE ST. 10-27-55 Nº 5824
WELLER RD. 10-27-55 Nº 5828

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
FINAL APPROVAL
PAVING ONLY
DATE June 8, 1960
BY [signature]
Storm Drainage System to be constructed and maintained by W.S.S.C.

GENERAL NOTES

1. No paving except street patching on Littleton St. and Havard St shall be constructed under the W.S.S.C. contract.

WASHINGTON SUBURBAN SANITARY COMMISSION
CONTRACT 163 DX JOB 60 DE 4131

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED June 7, 1960
FOR STORM DRAINS ONLY
[signature]
CHIEF ENGINEER

NOTE:
All paving widths to conform with the Typical Section except Weller Rd. east of Barbara Rd. (meet existing paving width of 36').

NOTE:
2" Surface course should not be installed until all fine grading has been completed.

2" Asphaltic concrete surface refer Article C-32 Mont. Co. Std.
4" Asphaltic concrete Type B Base refer Article C-25-34 Mont. Co. Std. (36' Street)
4" Asphaltic concrete Type A Base refer Article C-25-33 Mont. Co. Std. (36' Street)
2" Subbase primed Article C-21 (36' Street)

TYPICAL SECTION
scale: 1/8" = 1'-0"

DRAINAGE & PAVING PLAN
STONEYBROOK ESTATES
MONTGOMERY COUNTY, MARYLAND

SCALE: AS SHOWN DATE: SEPT. 1959

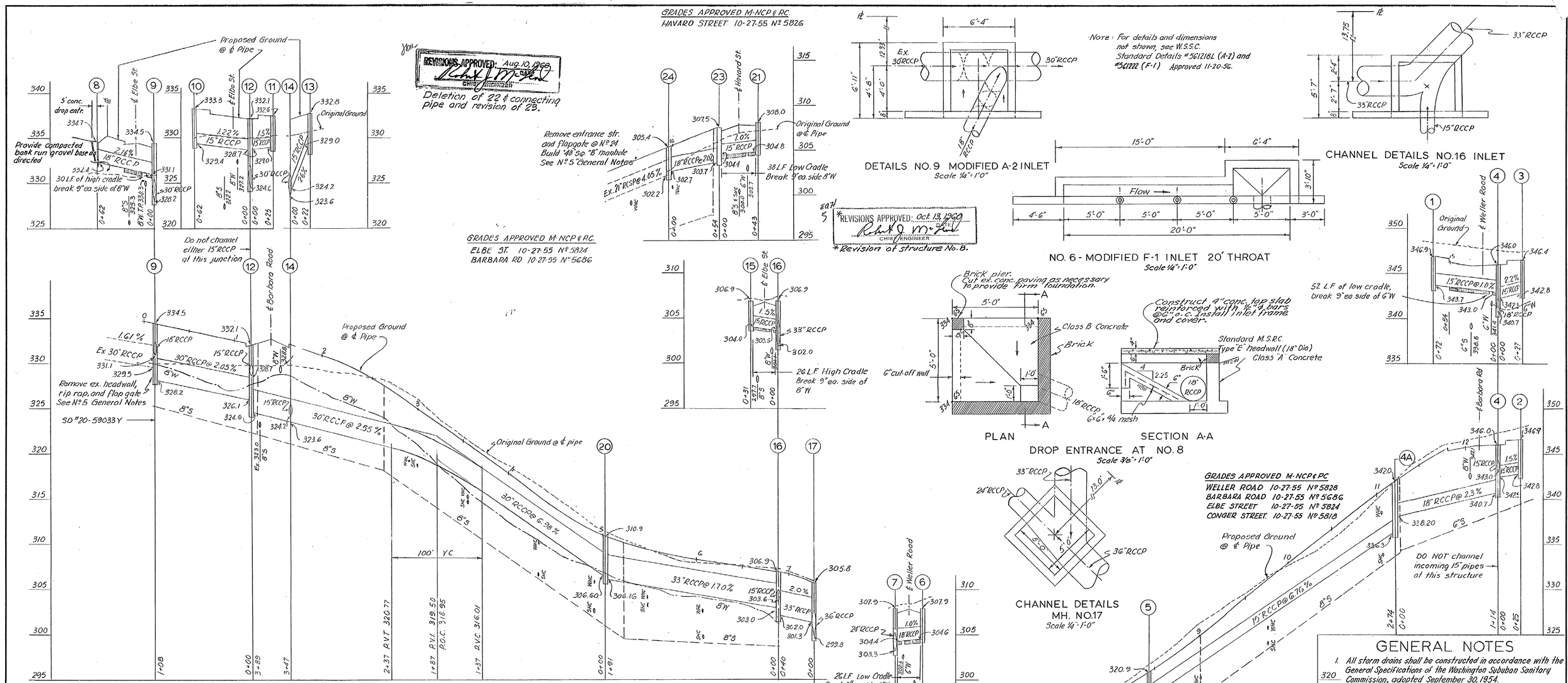
WAYNE C. GREATHOUSE & ASSOCIATES
ENGINEERS & LAND SURVEYORS
2311 UNIVERSITY BOULEVARD, WEST
WHEATON, MARYLAND
LOckwood 5-2367

DESIGNED	DRAWN	JOB NO.	OWNER
K. den Outer	J.B. Peters	226A2	L.G. Meltzer & Assoc. 1012-14th St. N.W. Washington, D.C.

CE487-168-1

SD FILE NO. 169

Sheet 601219-Y



SCHEDULE

STRUCTURES					PIPES			
No.	Type	Elevations		Remarks	Dia.	Line	Length	Type
1.	B-1	34.79 S	347.10 N		15"	1-4	67'	RCCP
2.	F-1	34.90 E	347.10 W		15"	2-4	20'	RCCP
3.	A-1	346.28 N	346.38 S		15"	3-4	22'	RCCP
4.	"B" M1	346.0	℄	48" Ø	18"	4-4A	110'	RCCP
5	B-2	321.31 E	320.51 W		15"	4A-5	269'	RCCP
6.	Spec.	308.38 W	307.84 E	20' Throat	18"	5-7	274'	RCCP
7.	B-2	308.00 W	307.84 E		18"	6-7	26'	RCCP
8.	"E"	334.7		SBC TYPE "E"	24"	7-17	84'	RCCP
9.	A-2	334.47 E	334.35 W		18"	8-9	60'	RCCP
10.	A-1	333.26 N	333.75 S		30"	9-12	103'	RCCP
11.	A-1	332.60 N	332.60 S		15"	10-12	57'	RCCP
12	"B" M1	332.1	℄	48" Ø	15"	11-12	20'	RCCP
13.	A-1	332.66 N	332.70 S		15"	13-14	19'	RCCP
14.	15" x 30"			F.C.	30"	12-20	384'	RCCP
15.	F-1	307.22 N	307.26 S		15"	15-16	26'	RCCP
16.	A-2	306.86 N	306.95 S		33"	16-17	96'	RCCP
17	"B" M1	305.8	℄	60" Ø	36"	17-50	336'	RCCP
18.	B-1	300.79 N	301.17 S		15"	18-19	25'	RCCP
19	15" x 36"			F.C.	15"	21-23	38'	RCCP
20.	A-2	310.74 N	311.02 S					
21	B-1	307.98 W	308.44 E		18"	23-24	49'	RCCP
22	"C"	307.8	℄	SBC TYPE "C"	33"	20-16	186'	RCCP
23	F-1	307.12 W	307.78 E					
24	"B" M1	305.4	℄	48" Ø				
4A	"B" M1	342.0	℄	48" Ø				

TOTAL PIPE LENGTHS					
Dia.	Length	Type	Dia.	Length	Type
15"	563'	RCCP	30"	487'	RCCP
18"	519'	RCCP	33"	220'	RCCP
24"	84'	RCCP	36"	336'	RCCP

GENERAL NOTES

1. All storm drains shall be constructed in accordance with the General Specifications of the Washington Suburban Sanitary Commission, adopted September 30, 1954.
2. Steps shall be provided in the channels of structures involving pipes larger than 27" in accordance with the Washington Suburban Sanitary Commission's Standard Detail.
3. Types of structures refer to the Washington Suburban Sanitary Commission's Standard Storm Drainage Details unless otherwise noted.
4. Information concerning underground utilites 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.
5. All storm drain flap gates, manhole rims, frames, and covers are to be salvaged from existing structures Nº 9, Nº 50, and Nº 24. Aforementioned items not used on this contract will be delivered to the Montgomery County Highway Dept - Brookville Rd. Maint. Co. Md.

WASHINGTON SUBURBAN SANITARY COMMISSION
CONTRACT 163 D X
JOB 60 DE 4131

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED June 7, 1960
FOR STORM DRAINS ONLY
CHIEF ENGINEER

DRAINAGE & PAVING PLAN
STONEYBROOK ESTATES
MONTGOMERY COUNTY, MARYLAND

SCALE: AS SHOWN DATE: SEPT. 1959

WAYNE C. GREATHOUSE & ASSOCIATES
ENGINEERS & LAND SURVEYORS
2311 UNIVERSITY BOULEVARD, WEST
WHEATON, MARYLAND
LOckwood 5-2367

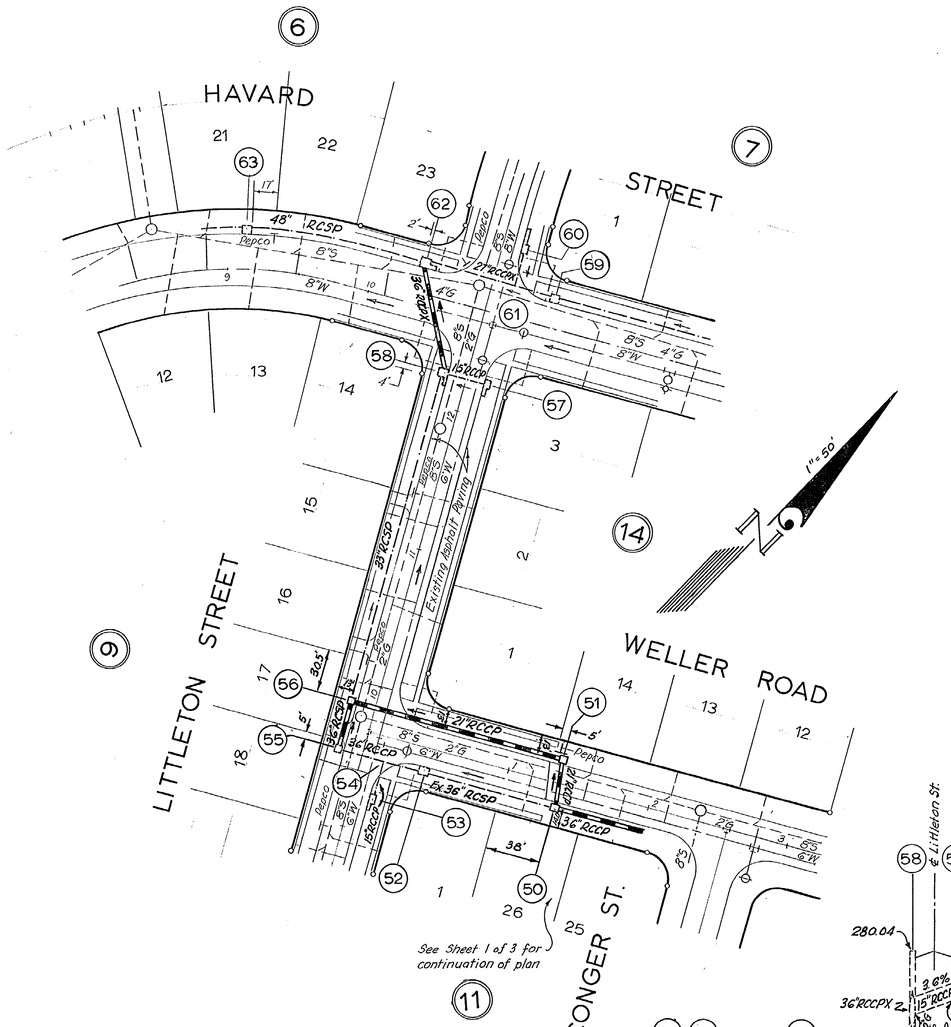
DESIGNED	DRAWN	JOB NO.	OWNER
K. den Outer	J.B. Peters	226A2	L.G. Meltzer & Assoc. 1012 14th St. N.W. Washington, D.C.

CE487-168-2

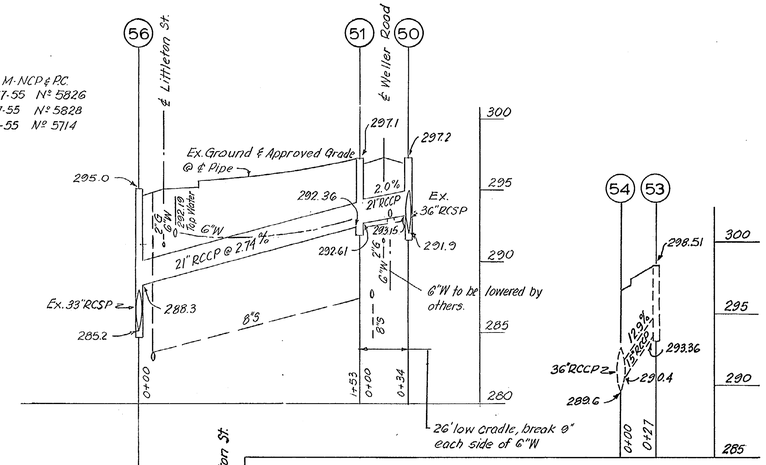
SD FILE NO. 169

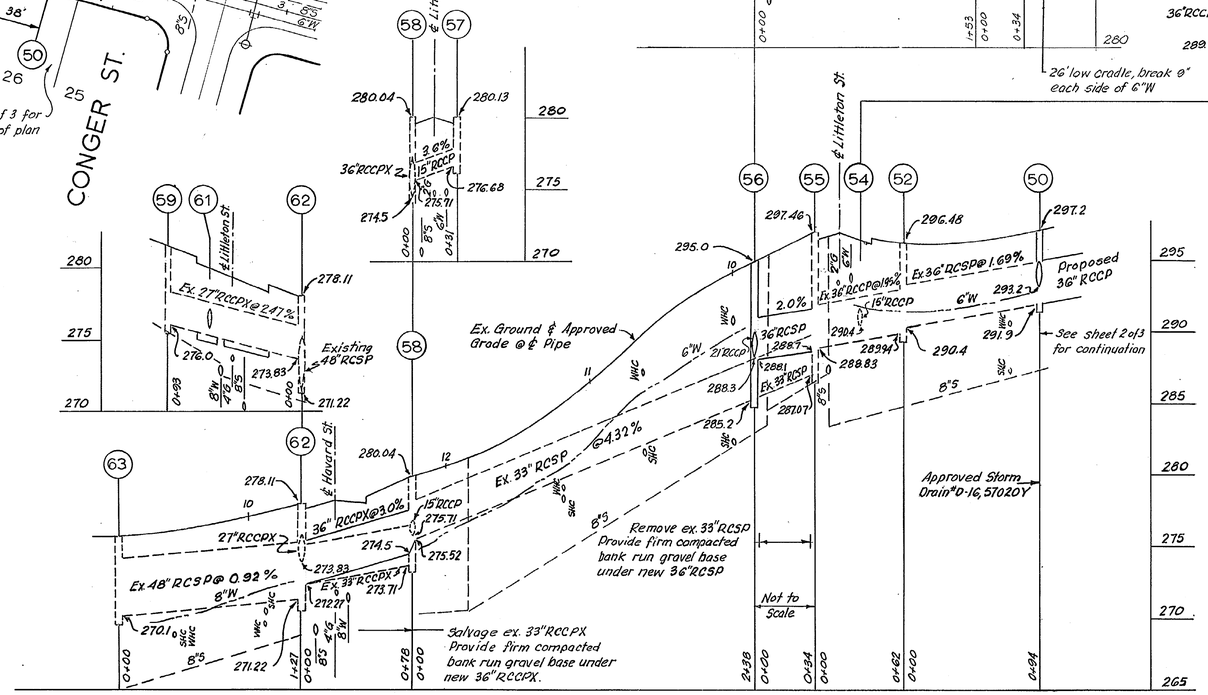
Sheet 601220-Y 2 of 3

Maryland State Archives



GRADES APPROVED M-NCP&PC
HAVARD ST. 10-27-55 Nº 5826
WELLER RD. 10-27-55 Nº 5828
LITTLETON ST. 9-16-55 Nº 5714





Scales: Hor: 1" = 50'
Vert: 1" = 5'

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED June 7, 1960
FOR STORM DRAINS ONLY
Robert J. McLeod
CHIEF ENGINEER

WASHINGTON SUBURBAN SANITARY COMMISSION
CONTRACT 163 D X
JOB 60 DE 4131

SCHEDULE

STRUCTURES				PIPES			
No.	Type	Elev.	Remarks	Dia.	Line	Length	Type
50	"B" MH	297.2	48" SQUARE	21"	50-51	30'	RCCP
51	"B" MH	297.1	48" SQUARE	21"	51-56	149'	RCCP
55 *	"B" MH	297.46	REBUILD INVERT	36"	55-56	30'	RCSP
56	"B" MH	295.0	48" SQUARE	36"	58-62	73'	RCCPX
58 *	B-2	280.04	REBUILD INVERT				
62**	B-2	278.11	REBUILD ARCH				

Note * Remove and replace top slab of Nº 55 and Nº 58 as required to rebuild channel to W.S.S.C. Standard Details & Dimensions.
** Rebuild front wall & channel as required to accomodate 36" pipe

DRAINAGE PLAN
STONEYBROOK ESTATES
MONTGOMERY COUNTY, MARYLAND

SCALE: AS SHOWN DATE: MARCH 1960

WAYNE C. GREATHOUSE & ASSOCIATES
ENGINEERS & LAND SURVEYORS
2311 UNIVERSITY BOULEVARD, WEST
WHEATON, MARYLAND
LOckwood 5-2367

DESIGNED	DRAWN	JOB NO.	OWNER
K. den Ouden	K. den Ouden	226 A2	L.G. MEITZER & ASSOC. 1012 - 14th ST. N.W. WASHINGTON, D.C.

CE487-168-3 SD FILE NO. 169 Sheet 601221-Y

Maryland State Archives