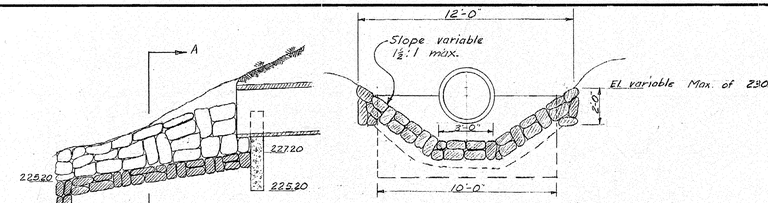
SD#D-17,57101Y

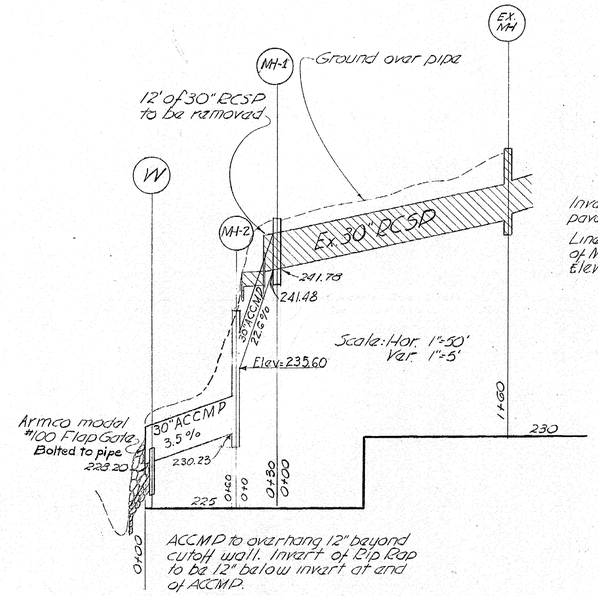
WASHINGTON SUBURBAN SANITARY COMMISSION
*APPROVED August 13, 1957
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY W.S.S.C STRUCTURES AFFECTED.
THE STORM DRAINAGE STRUCTURES SHOWN ON THIS PLAN ARE APPROVED AS TO DESIGN AS A COMPONENT PART OF THE STORM DRAINAGE 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.
James A. Stapp
SENIOR DESIGNING ENGINEER
THE W.S.S.C. CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

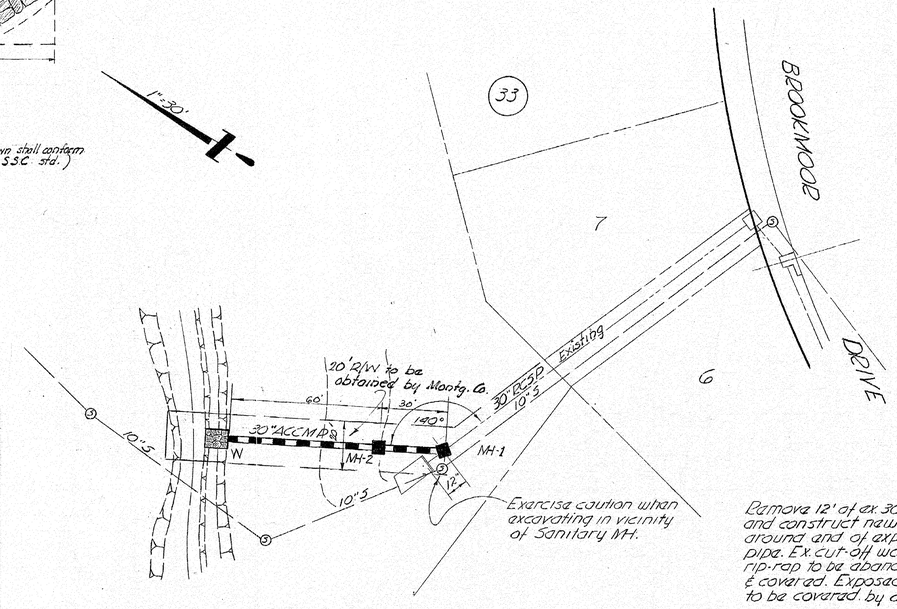
* As temporary Construction Profile revisions approved 10/31/57 - JBB

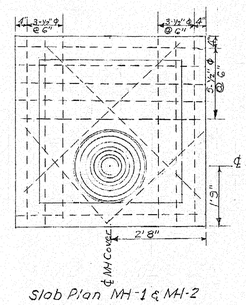


SEC. A-A

RIP RAP DETAIL (All details not shown shall conform with W.S.S.C. std.)
SCALE ¼" = 1'-0"





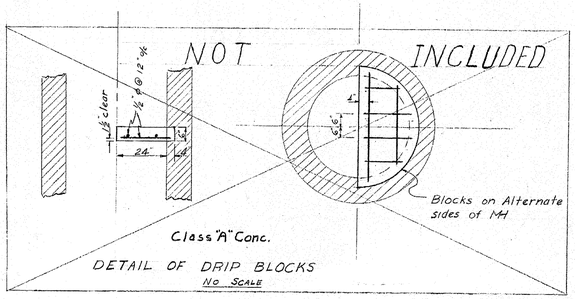


Slab Plan MH-1 & MH-2

Use SRC Std. Type C Manhole frame & cover — To be flush with top of slab

Note: Slab to be Class A Concrete, 6" thick. Rectangular reinforcing to be 1½" Clear of bottom of Slab. Diagonal reinforcing to be 7/8" ϕ-hook up @ each end to be 1¾" Clear of bottom of Slab

Notify W.S.S.C. Systems Maintenance Engineer, Appleton 7-7700, before excavating in vicinity of Sanitary MH



DETAIL OF DRIP BLOCKS
NO SCALE

Schedule							
Structure				Pipe			
No	Type	Top el	Remarks	Dia.	Lgth.	Line	Kind
MH-1	B	245.2	Std. 48" x 48" With Mod. Slab	30"	86'	W-MH-1	ACCMP
W	STD. W.S.S.C. CUT-OFF WALL & 10' RIP-RAP						14 Gage with paved invert
MH-2	B	239.5	Std. 48" x 48" With Mod. Slab				

GENERAL NOTES

1. All storm drains shall be constructed in accordance with the General Specifications of the WSSC, adopted September 30, 1954.
2. Steps shall be provided in channels of structures involving pipes larger than 27" in accordance with the WSSC's Standard Detail.
3. Types of structures refer to the WSSC's Standard Storm Drainage Details unless otherwise noted.
4. 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.

2. Revised 10/30/57
1. This plan is a revision of SD.# D-12, 54103-Y App'd Sept 8, 1954.

NUMBER	REVISION	DATE

DES. D.M.&H.W.
DR. B.W.N.
CHK. D.L.M.
CODE REQ.
STORM DRAINS
RIGHT OF WAY
UTILITIES
CONTRACT

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE, MD.

Outfall Sewer Extension
BROOKMOOR DR.
WOODMOOR

APPROVED:
CHIEF, HIGHWAY ENG. DIV. — DIRECTOR, DEPT. OF PUB. W

PROJ.	FILE	DWG.
844	13-301	1 of 1

CE487-299-1

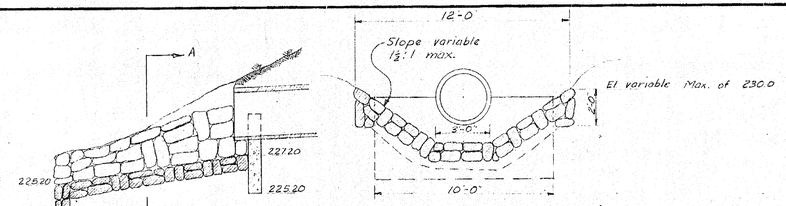
301

Maryland State Archives

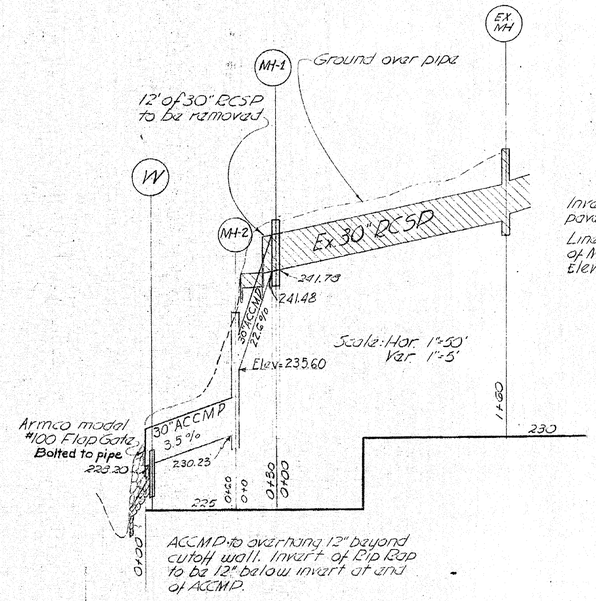
SD #D-17, 57101 Y

WASHINGTON SUBURBAN SANITARY COMMISSION
*APPROVED August 19, 1957
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. THE 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.
James A. Stone
SENIOR DEVELOPMENT ENGINEER
THE W.S.S.C. CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

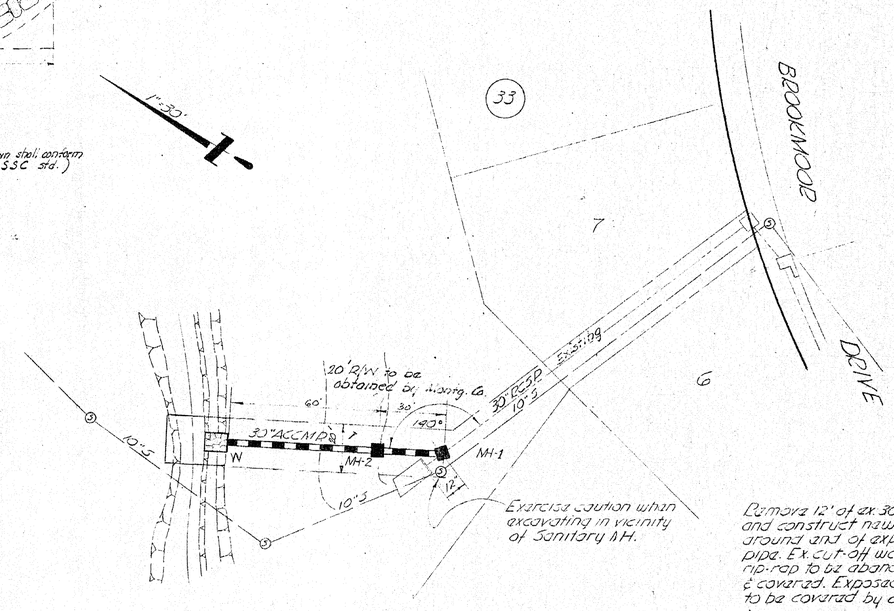
* As temporary Construction
Permit revisions approved
10/31/57 [illegible]



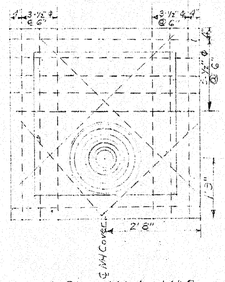
RIP RAP DETAIL (All details not shown shall conform with W.S.S.C. std.)
SCALE ¼" = 1'-0"



Invert of MH-2 to be paved with granite.
Line northwest wall of MH-2 with granite — Elev. 236.5 to 233.0



Remove 12' of ex. 30" pipe and construct new MH around end of exposed pipe. Ex. cut-off wall & rip-rap to be abandoned & covered. Exposed 10'5 to be covered by others.

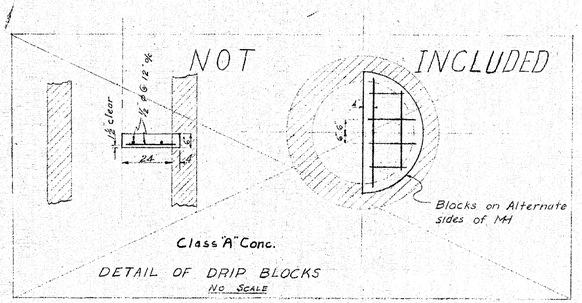


Use SRC Std. Type C Manhole frame & cover — To be flush with top of Slab

Slab Plan MH-1 & MH-2

Note: Slab to be Class A Concrete, 6" thick. Rectangular reinforcing to be 1½" Clear of bottom of Slab. Diagonal reinforcing to be 7/8" ϕ hook up @ each end to be 1¾" Clear of bottom of Slab

Notify W.S.S.C. Systems Maintenance Engineer, Appleton 7-7700, before excavating in vicinity of Sanitary MH



DETAIL OF DRIP BLOCKS
NO SCALE

Schedule							
Structure				Pipe			
No	Type	Top el.	Remarks	Dia.	Lgth.	Line	Kind
MH-1	B	245.2	Std. 48" x 48" With Mod. Slab	30"	86'	W-MH-1	ACCMP
W	STD. W.S.S.C. CUT-OFF WALL & 10' RIP-RAP			14 Gage with paved invert			
MH-2	B	239.5	Std. 48" x 48" With Mod. Slab				

GENERAL NOTES

1. All storm drains shall be constructed in accordance with the General Specifications of the W.S.S.C., adopted, September 30, 1954.
2. Steps shall be provided in channels of structures involving pipes larger than 27" in accordance with the W.S.S.C.'s Standard Detail.
3. Types of structures refer to the W.S.S.C.'s Standard Storm Drainage Details unless otherwise noted.
4. 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.

2. Revised 10/30/57
1. This plan is a revision of SD # D-12, 54103-Y Appr. Sept 8, 1954.

NUMBER	REVISION	DATE

DES. [illegible]
DR. BWN
CHK. D.E.M.
CODE REQ.
STORM DRAINS
RIGHT OF WAY
UTILITIES
CONTRACT

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE, MD.

Outfall Sewer Extension
BROOKMOOR DR.
WOODMOOR

APPROVED:
CHIEF, HIGHWAY ENG. DIV. — DIRECTOR, DEPT. OF PUB. WKS.

PROJ.	FILE	DWG.
844		1 of 1

CE487-299-2

SD FILE NO. 301

SD #D-17, 57101 Y

WASHINGTON SUBURBAN SANITARY COMMISSION
*APPROVED August 12, 1957
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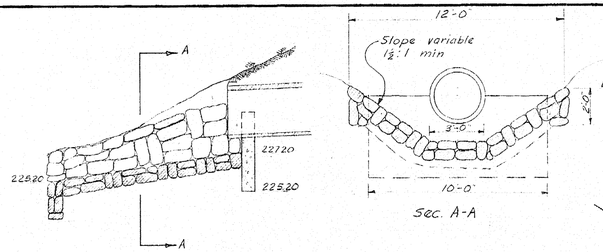
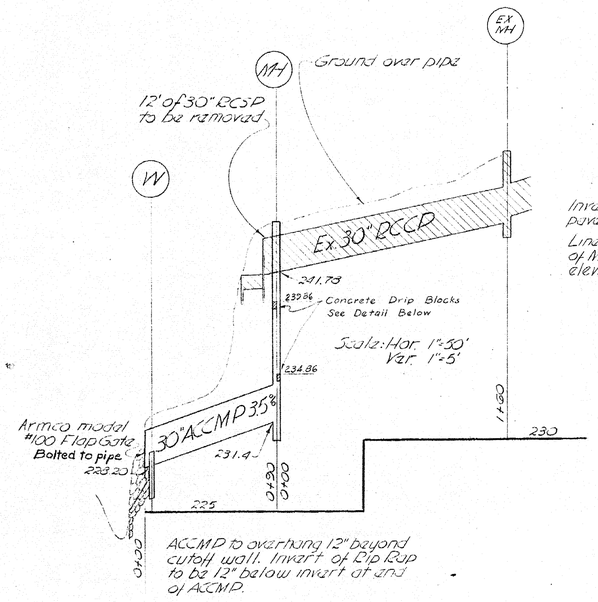
James A. Stapp
SENIOR DESIGNING ENGINEER
THE W.S.S.C. CONSTRUCTION DIVISION SHALL BE NOTIFIED THREE DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.

* As temporary Construction

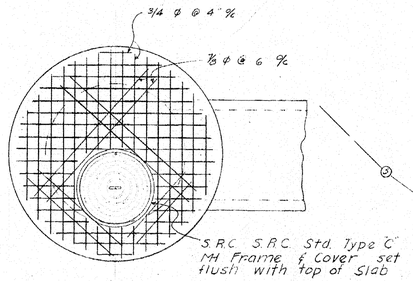


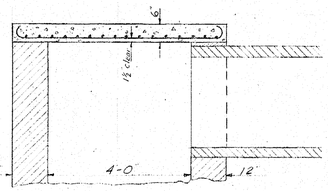
RIP RAP DETAIL (All details not shown shall conform with W.S.S.C. Std.)
SCALE ¼" = 1'-0



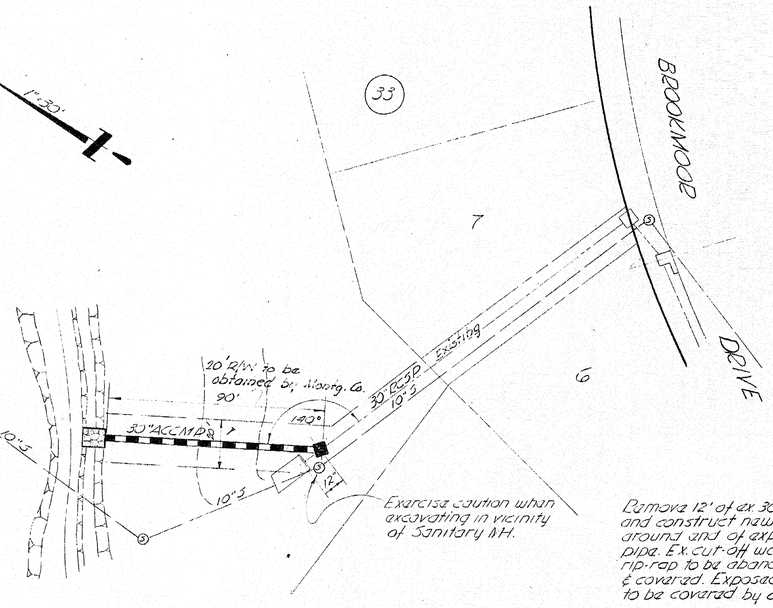
Invert of MH to be paved with granite.
Line northwest wall of MH with granite elev. 242.0 to 238.32

ACCMP to overhang 12" beyond cutoff wall. Invert of Rip Rap to be 12" below invert of end of ACCMP.





SLAB DETAIL
SCALE: 1" = 2'-0"



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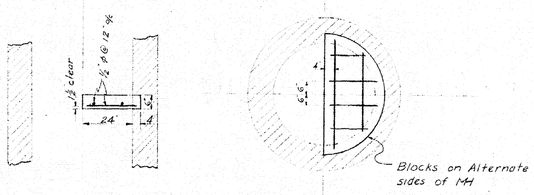

Class "A" Conc.

DETAIL OF DRIP BLOCKS
No SCALE

Schedule							
Structure				Pipe			
No	Type	Top el.	Remarks	Dia.	Lgth.	Line	Kind
MH	A	245.2	STD. 4.5' φ	30"	58'	W-MH	ACCMP
W	STD. W.S.S.C. CUT-OFF WALL & 10' RIP-RAP						

14 Gage with paved invert

GENERAL NOTES

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This plan is a revision of S.D.# D-12, 54103-Y Appr. Sept 8, 1954

NUMBER	REVISION	DATE

DES.
DR. BWN
CHK.
CODE REQ.
STORM DRAINS
RIGHT OF WAY
UTILITIES
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MONTGOMERY COUNTY MARYLAND
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APPROVED:
CHIEF, HIGHWAY ENG. DIV. DIRECTOR, DEPT. OF PUB. WKS.

PROJ.	FILE	DWG.
844		1 of 1

CE487-299-3

SD FILE NO. 301

Maryland State Archives