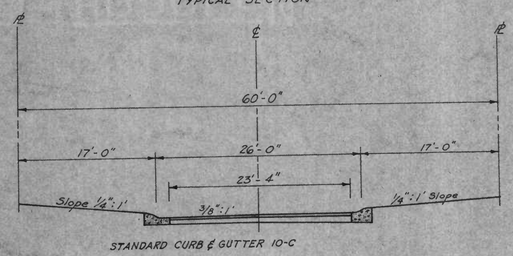
TYPICAL SECTION



STANDARD CURB & GUTTER 10-C

6"	2" ASP. CONC. SURF. ART. C-32
	4" ASP. CONC. BASE TYPE -B- ART. C-25. SECT. C-25, 34

SD# D-36, 64211-Y

WASHINGTON SUBURBAN SANITARY COMMISSION

* APPROVED Sept. 17, 1969

FOR STORM DRAINS ONLY

SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAVEMENT 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 ANY PERSON, PROPERTY OWNERS, OR TO ANY PUBLIC AGENCY, BY REASON OF THE INSTALLATION OF THE DRAINAGE STRUCTURES.

BY: John A. Mary
SENIOR DRAINAGE ENGINEER

Subject to issuance of permit by Maryland State Department of Health

* Subject To Approval of S.R.C.

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GENERAL NOTES

1. All storm drains shall be constructed in accordance with the latest Edition of the General Specifications of the W.S.S.C.
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. If clearances are less than shown on this plan or six (6) inches, whichever is less, contact the storm drain Section of the Washington Suburban Sanitary Commission before proceeding with construction.
4. All storm drainage construction on this plan to be maintained by MONTGOMERY COUNTY, MARYLAND

STATE OF MARYLAND — No 1585 — PAGE FILMORE HOPKINS — PROFESSIONAL ENGINEER & LAND SURVEYOR

STRUCTURE SCHEDULE

	NO	TYPE	W	TOP DOWN	TOP UP	REMARKS
	I-11	A-5 INLET	2.5'	177.39	177.67	
	I-12	A-5 "	2.5'	176.22	176.34	
	I-13	A-10 "	4.25'	175.00	175.00	
	I-14	B-10 "	2.5'	175.00	175.00	
FUT.	I-15	A-5 "	2.5	181.40	181.73	
	M-4	B-48" MANHOLE		176.50 TO EL		
	M-6	B-48" "		177.0		
	M-7	B-48" "		155.0		
FUT.	W-2	ENDWALL				
	W-3	"				
	E	CUTOFF WALL				

PIPE SCHEDULE

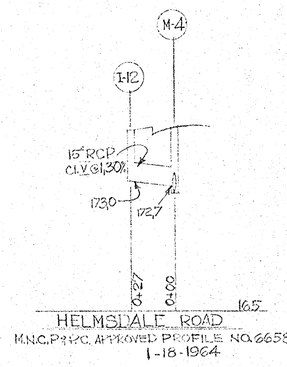
DIA	LINE	LGTH	TYPE
15"		119'	RCP Cl. V
18"	E TO I-13	142'	RCP Cl. IV
21"		209'	RCP Cl. IV
24"	I-14 TO M-6	105'	RCP Cl. IV
24"	I-15 TO M	28'	RCP Cl. V

CE487-855-1

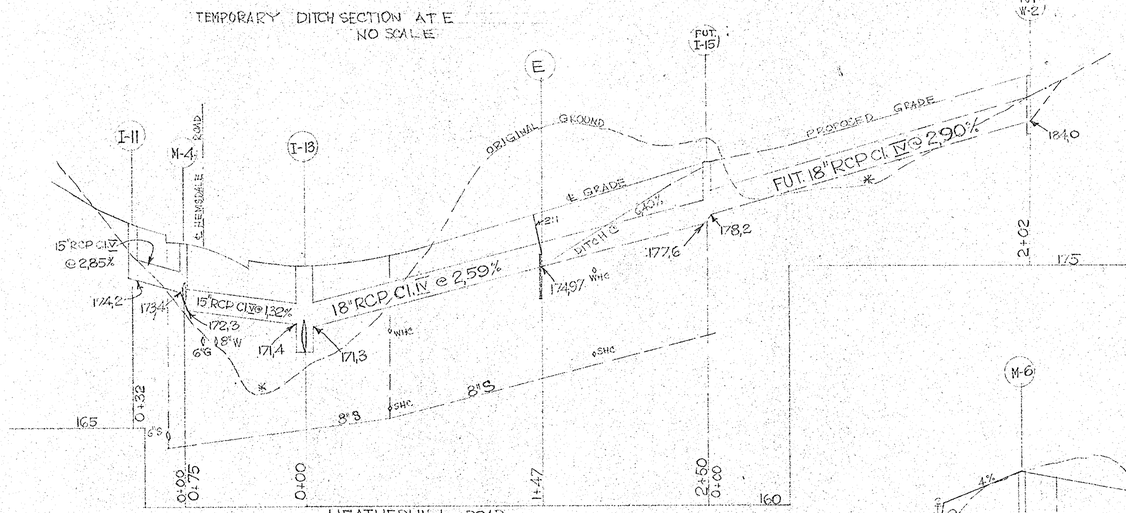
DRAWN K. Shea TRACED CHECKED EXAMINED STARTED 7-6-64		M. & H. JOB No. 64-1083	DEVELOPER: Mr. Henry F. Kimball, Jr. 5910 Nomakogan Road Glen Mar Park, Md. P.O. Washington 16, D.C. Phone: 365-3822	MADDOX & HOPKINS CIVIL ENGINEERS & SURVEYORS SILVER SPRING, MARYLAND JU 8-3111	CABIN JOHN DISTRICT STORM DRAIN & PAVING PLAN BANNOCKBURN ESTATES HEATHERHILL & HELMSDALE ROADS	SHEET NO. 1 OF 2	SCALE 1" = 50'

SD FILE NO. 871

TEMPORARY DITCH SECTION AT E
NO SCALE

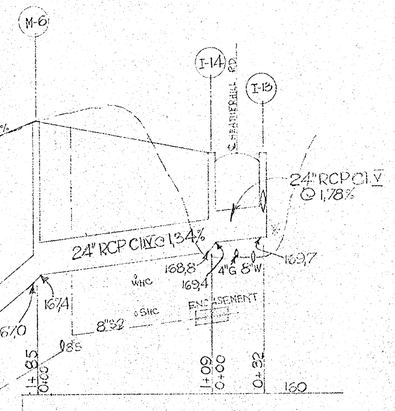


HELMSDALE ROAD
M.N.C.P.&P.C. APPROVED PROFILE NO. 6658
1-18-1964

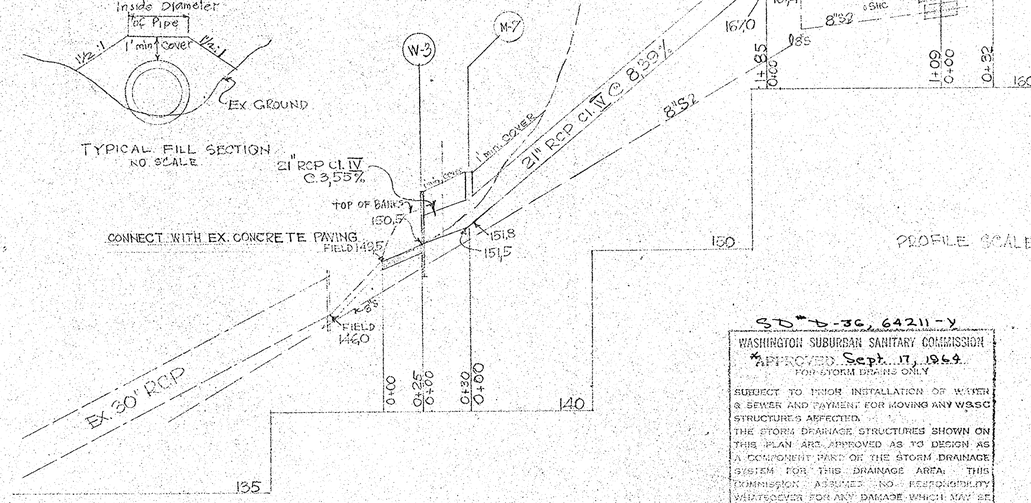


HEATHERHILL ROAD
M.N.C.P.&P.C. APPROVED PROFILE NO. 7904, 2-11-1964

#FILL WITH BANKRUN GRAVEL AS NECESSARY TO PROVIDE FIRM BEARING



TYPICAL FILL SECTION
NO. SCALE



PROFILE SCALE: HOR. 1" = 50'
VER 1" = 5'

SD "B-36, 64211-Y

WASHINGTON SUBURBAN SANITARY COMMISSION
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John A. Mary
SENIOR DESIGNING ENGINEER

*Subject to issuance of permit by Maryland State Department of Health
* SUBJECT TO APPROVAL OF SRC.

STATE OF MARYLAND
PAGE FILMORE HOPKINS
No 1585
PROFESSIONAL ENGINEER & LAND SURVEYOR

871

CE487-855-2

DRAWN TRACED CHECKED EXAMINED STARTED			M. & H. JOB NO. 64-1083	DEVELOPER: Mr. Henry F. Kimball, Jr. 5910 Namakagh Road Glen Mar Park, Md P.O. Washington 16, D.C. Phone: 365-3822		MADDOX & HOPKINS CIVIL ENGINEERS & SURVEYORS SILVER SPRING, MARYLAND JU 8-3111		CABIN JOHN DISTRICT STORM DRAIN PLAN BANNOCKBURN ESTATES HEATHERHILL & HELMSDALE ROADS	SHEET NO. 2 OF 2	SCALE 1" = 50'

SD FILE NO. 871