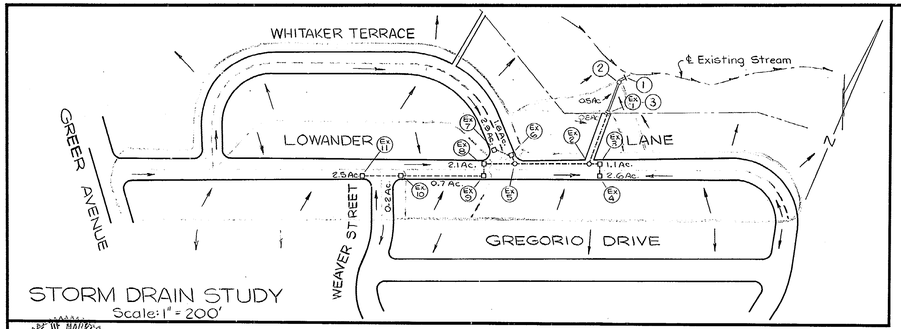
72-2356

CE487-22-1

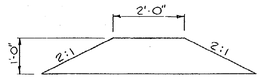
SD FILE NO. 23

23



STORM DRAIN STUDY

Scale: 1" = 200'



EARTH BERM
Scale: 1/2" = 1'

STATE OF MARYLAND — REGISTERED — PROFESSIONAL ENGINEER — No. 6917 — PROFESSIONAL LAND SURVEYOR

I hereby certify that this plan has been designed in accordance with M.C.D.P.W. Interim Storm Drain Criteria dated July 1, 1968.

Charles Emil Peterson

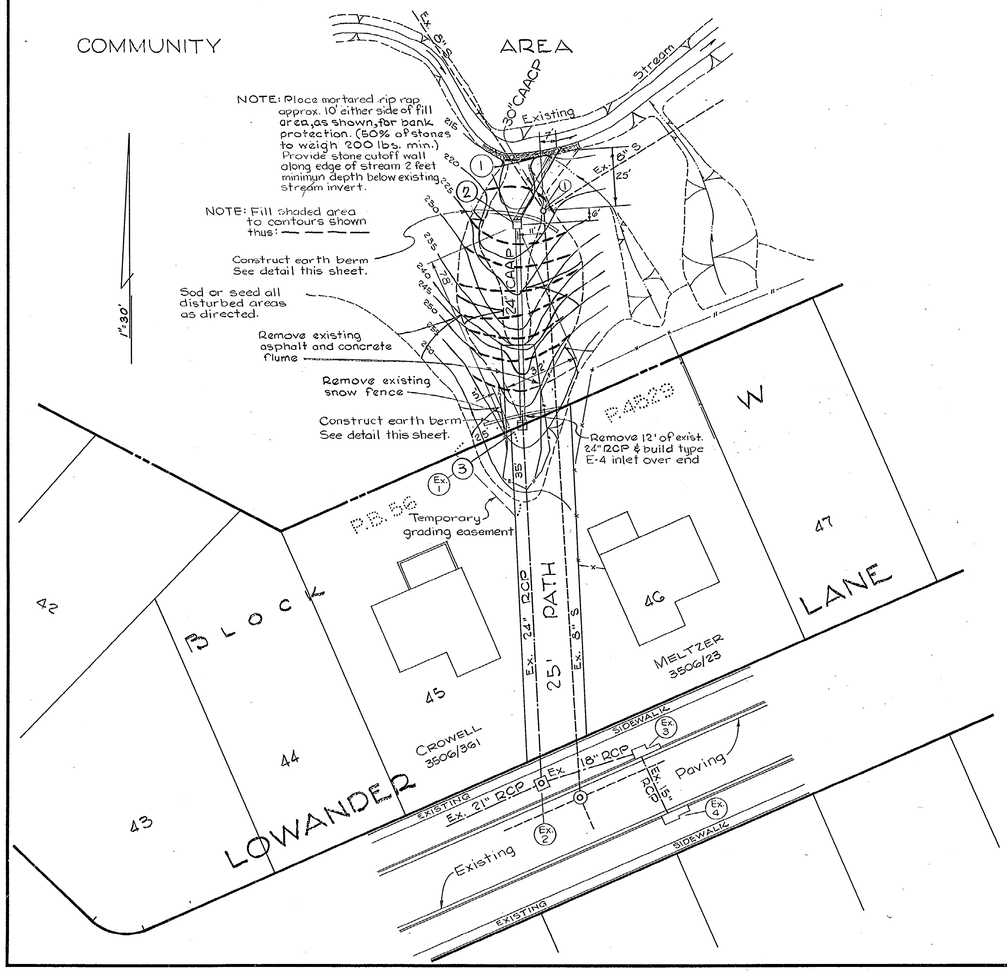
BENCH MARK
1. Top of San. MH @ 15'S. of A"C"
Elev. = 216.36

STRUCTURE SCHEDULE						
NO.	TYPE	TOP DOWN	TOP UP	℄ STATION		REMARKS
1	MITERED END 2:1	—		⌗	—	
2	W.S.S.C."B" MH Special		222.0 *	⌗	—	N.P.S. E-4 Grate on Slab
3	W.S.S.C."B" MH Special		257.0 *	⌗	—	N.P.S. E-4 Grate on Slab

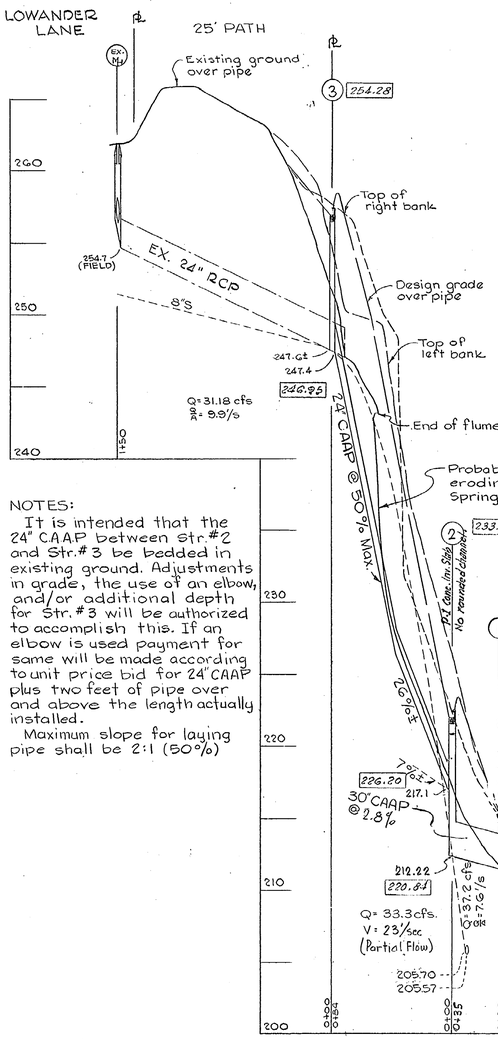
⌗ See plan for location, * Elev. @ top of grate

PIPE SCHEDULE		
SIZE	TYPE	LENGTH
24"	CAAP *	84'
30"	CAAP *	35'

* To be Aluminum (0.075") alloy. pipe, Sec. 20.17-8, Md. S.R.C. Spec., AASHO Designation M-196



NOTES:
It is intended that the 24" CAAP between Str.#2 and Str.#3 be bedded in existing ground. Adjustments in grade, the use of an elbow, and/or additional depth for Str.#3 will be authorized to accomplish this. If an elbow is used payment for same will be made according to unit price bid for 24" CAAP plus two feet of pipe over and above the length actually installed.
Maximum slope for laying pipe shall be 2:1 (50%)



Profile Scale: Hor. 1" = 50'
Ver. 1" = 5'

GENERAL NOTES FOR STORM DRAIN CONSTRUCTION

1. All storm drains shall be constructed in accordance with the latest Edition of the General Specifications of Maryland State Highway Administration and Montgomery County.
2. Types of structures refer to the Standard Storm Drainage Details of the W.S.S.C., Maryland State Highway Administration and Montgomery County, unless otherwise noted.
3. Where the drop on the main line through a structure can be accommodated by an invert slope of 1 1/2:1 or flatter, a rounded channel lined with sewer brick on edge shall be built to the crown of the pipes.
4. Information concerning underground utilities was obtained from available records, but the Contractor must determine the exact location and elevations 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 Washington Suburban Sanitary Commission before proceeding with construction.

W.S.S.C. P.N. 71016
FOR WORK IN PUBLIC SPACE SUBJECT TO PRIOR INSTALLATION OF WATER & SEWER AND PAYMENT FOR MOVING ANY W.S.S.C. STRUCTURES AFFECTED.

NUMBER	REVISION	DATE	
2	Profile of 24" CAAP rev. & notes added.	2-15-72	DJT
1	Equipment size & weight note removed	12-22-70	DJT

DES. PN
DR. PN & DJT
CHK. PM & CEO
REVISIONS

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE, MD.

STORM DRAINS
FRANKLIN KNOLLS
WHEATON DISTRICT
SCALE: AS SHOWN JULY, 1970

4/4/72 APPROVED: 4/4/72
E. James Sayer — CHIEF/BUR. OF ENG'G.
R. J. Lynch — DEP. DIRECTOR, DEPT. OF PUB. WKS.

PROJECT: G8 SDG 34 DWG: 1 OF 1

CONTRACT No. 72-2356
AS BUILT
SD FILE NO. 23

CE487-22-2

23