

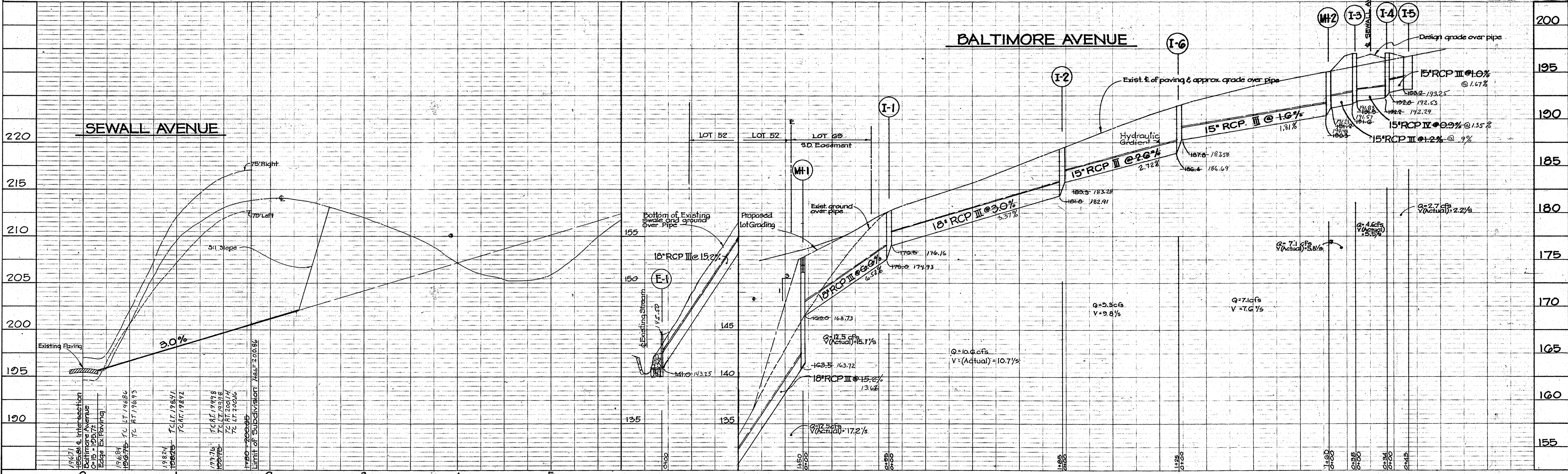
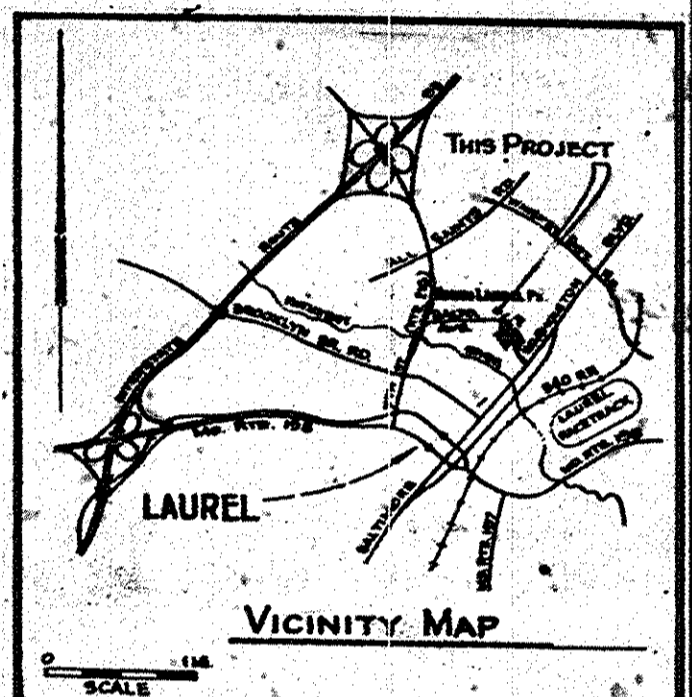
STRUCTURE SCHEDULE					
NO.	TYPE	INV. IN	INV. OUT	TOP ELEV.	STD. DETAIL
A-10	I-1	176.18	174.73	179.04	179.54
A-10	I-2	183.24	182.41	181.91	182.41
	I-3	191.83	191.57	196.39	197.04
	I-4	192.53	192.29	196.70	197.00
	I-5		193.25	195.35	195.36
	MH-1	176.16	174.93	178.83	
	MH-2	171.23	190.48	195.56	
	E-1		143.25	144.50	
	I-6	187.58	186.69	191.69	191.79

APPROVED: DEPARTMENT OF PUBLIC WORKS
W.O. LaVack
 Chief, Bureau of Engineering
 Date: 5-15-78

APPROVED: HOWARD CO., OFFICE OF PLANNING & ZONING
William J. Petzold
 Chief, Division of Land Development
 Date: 4-20-78

Reviewed for *Howard* S.C.D.
 Name
 and meets Technical Requirements
Walter J. Petzold
 Signature Date: 4-18-78
 U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 Approved *Wes Eard* Date: 4-18-78
 Howard S.C.D.



DATE	REVISION	DRAFTING	CHECK
8-77	Revised Storm Drains	PKA	PKA
2-21	Structure I-5 Revised	JM	JM
3-13-81	Structures: MH-1, I-1, I-2, & I-6 Revised	W.P.	W.P.

Developer:
 WARD DEVELOPMENT CO., INC.
 1 Bank Street
 Gaithersburg, Maryland 20700

CIVIL ENGINEERS ■ LAND PLANNERS ■ LAND SURVEYORS
 OYSTER, IMUS AND PETZOLD, INC.
 2419 REEDIE DRIVE ■ WHEATON ■ MARYLAND ■ 301-311

PAVING & STORM DRAIN PLAN

Election District No 6 Tax Map No 50
NORTH LAUREL
 Howard County, Maryland

DATE	JOB NO.
June, 1977	2073 C-2
SCALE: Vert. 1"=5' Hor. 1"=50'	SHEET NO. 1 OF 3

DEVELOPER'S CERTIFICATE

I certify that all development and/or Construction will be done according to this plan of development and plan for erosion and sediment control. And I also authorize periodic on-site inspection by The Howard Soil Conservation District or their authorized agents. As are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

Earl W. Cline 3-21-78
Date

ENGINEER'S CERTIFICATE

I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of The Howard Soil Conservation District.

Walter J. Petzold 3-21-78
Signature of Engineer Date



Reviewed For Howard County Soil Conservation District And Meets Technical Requirements.

C. Wayne Ray 4-19-78
U.S. Soil Conservation District Date

This Development Plan is Approved For Soil Erosion And Sediment Control By The Howard Soil Conservation District.

APPROVED: [Signature] Date 4-18-78
District Coordinator
Howard Soil Conservation Dist.

GENERAL NOTES

- All construction shown hereon shall be in accordance with the Howard County Road Construction Code and Standard Specifications dated November 27, 1962 and revised August, 1967.
- Reference to page and drawing numbers shown on the Structure Schedule are referred to above mentioned Road Construction Code and Standard Specifications.
- Before any streets are primed, provisions must be made to protect the storm drainage system.
- Plywood board shall be placed at open end of Storm Drain at the end of each working day.

SEQUENCE OF CONSTRUCTION

Install Sediment Control	April, 1978
Install Rough Grading for Road	April, 1978
Install Storm Drains, etc.	June, 1978
Final Stabilization	Sept., 1978

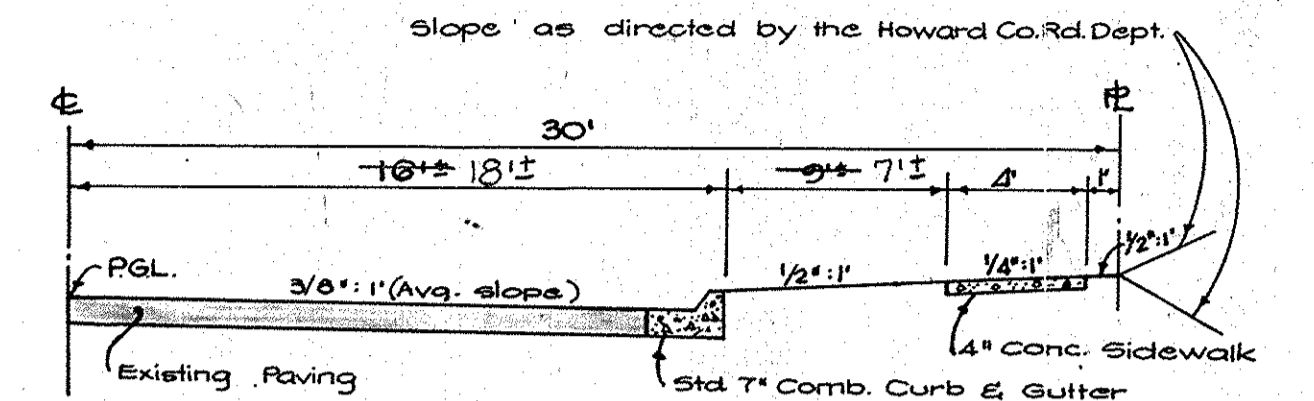
SEDIMENT CONTROL NOTES

- The developer shall notify the Howard Soil Conservation District and the Bureau of License, Inspection and Permits at least 24 hours prior to beginning any construction shown hereon (465-3180).
- All sediment control structures to remain in place until permission for their removal has been obtained from the Howard Soil Conservation. (465-3180 or 465-5000 Ext. 291).
- All graded areas not to be sodded shall be stabilized by seeding and mulching in accordance with the following:
 - Site Preparation:
 - Harrow or disc, in areas proposed to be seeded the following materials at the specified rate to a depth of 3".
 - Pulverized limestone at 1-1/2 tons/acre.
 - Commercial fertilizer 5-10-10 at 3/4 tons/acre.
 - Super phosphate at 600 lbs/acre.
 - Seeding:
 - Sow the following seed mixture at the rate of 200 lbs acre with a mechanical spreader.
 - 20% Annual Rye Grass
 - 80% Kentucky 31 Fescue
 - The seeded area shall then be raked with a York Rake (minimum of 2 passes), covered and compacted with Cultipacker or other approved method.
 - Mulching:
 - Seeded areas shall be uniformly mulched immediately after seeding with un-weathered small grain straw at the rate of 1-1/2 to 2 tons acre.
 - Tie mulch down with liquid asphalt at 0.1 gal. s. y. or emulsified asphalt at 0.04 gal. s. y.

Protect storm drain inlets from sediment during construction. See U.S. Department of Agriculture, Soil Conservation Service, College Park Md. Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas. Std. Drawing ST-4 (Page 20.08 of the Standards)

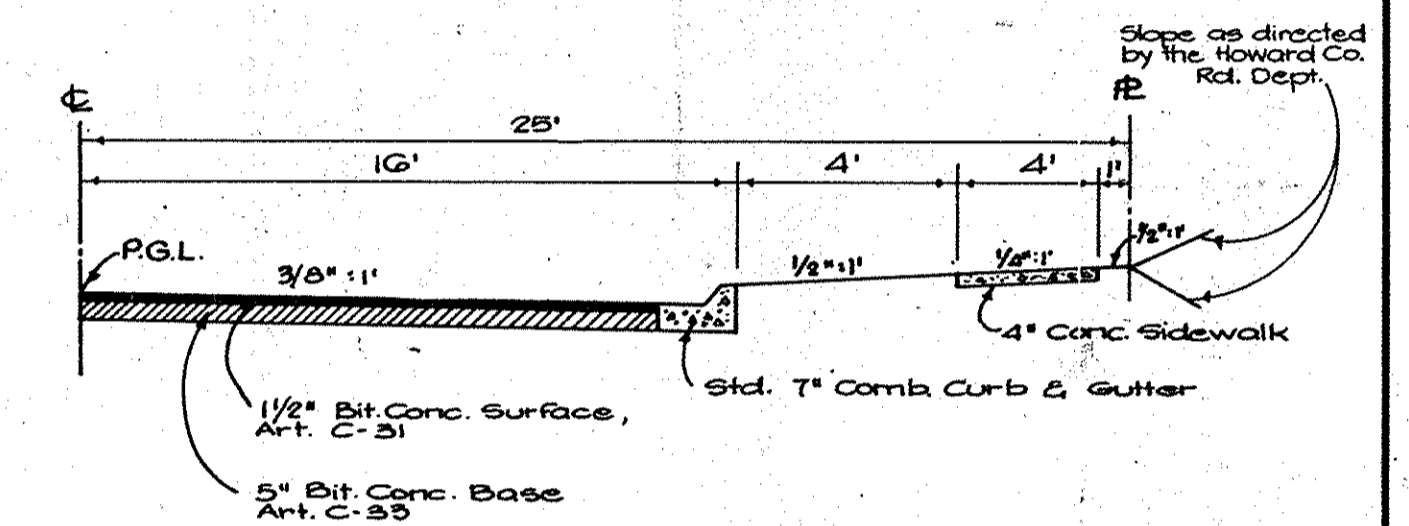
APPROVED: DEPARTMENT OF PUBLIC WORKS

[Signature] 5-15-78
Chief, Bureau of Engineering Date
APPROVED: HOWARD CO., OFFICE OF PLANNING & ZONING
[Signature] 4-20-78
Chief, Division of Land Development Date



HALF TYPICAL SECTION
BALTIMORE AVENUE

NO SCALE
ZONE = R-12
Design Speed.. 25 m.p.h.



HALF TYPICAL SECTION
SEWALL AVENUE

No Scale ZONE = R-12 Design Speed.. 25mph

PAVING NOTES for BALTIMORE & SEWALL AVENUES

- Base will be primed in accordance with Section C-20-B as provided in the Howard County Road Construction Code and Standard Specifications.
- Tack coat is required in accordance with Section C-31-4 of the Howard County Road Construction Code and Standard Specifications.
- All material and construction methods shall be in accordance with Howard County Road Construction Code.

FLAT TOP SLAB MAY BE USED IN LIEU OF 2', 3', OR 4' CONE SEE SD/1.41

W.S.S.C. STD. STEPS SEE 5/1.0

FILL ANNULAR SPACE WITH AN APPROVED NON-SHRINK MORTAR.

JOINTS MAY BE FILLED WITH AN APPROVED NON-SHRINK MORTAR IN LIEU OF RUBBER GASKETS.

MH BASE TO BE BEDDED IN 6" MIN. GRANULAR BEDDING ON FIRM SUBGRADE

EXCAVATION BELOW PIPE TO BE BACKFILLED WITH GRANULAR BEDDING 3/4 OF WAY TO TOP OF PIPE.

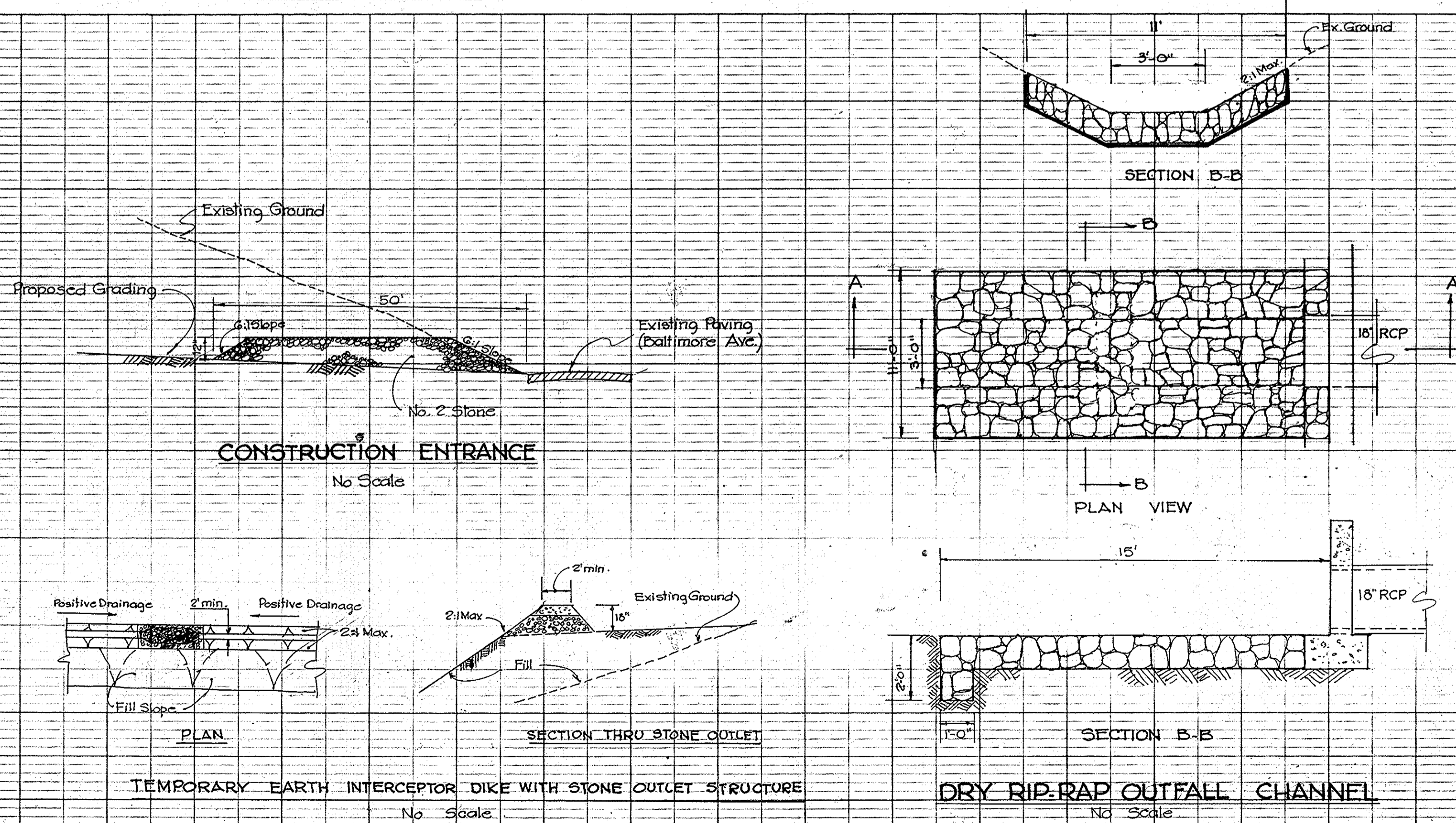
CONNECTING PIPE SIZE	MANHOLE DIAMETER
4" - 24"	48"
27" - 36"	60"
42" - 48"	72"
54" - 60"	84"
72"	96"

FOR DETAILS NOT SHOWN SEE 3/1.0, 3/1.1 OR 3/1.2.

WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED: DEC 21 1977
[Signature] DIRECTOR, DEPT. OF ENGINEERING

STANDARD DETAIL PRECAST CONCRETE MANHOLE FOR STORM DRAIN

REVISIONS:
SD 2.0



DATE	REVISION
3-21-78	Revised Section on Baltimore Ave.

DRAFTING CHECK DESIGN CHECK
Developer: WARD DEVELOPMENT CO., INC.
1 Bank Street
Gaithersburg, Maryland 20760

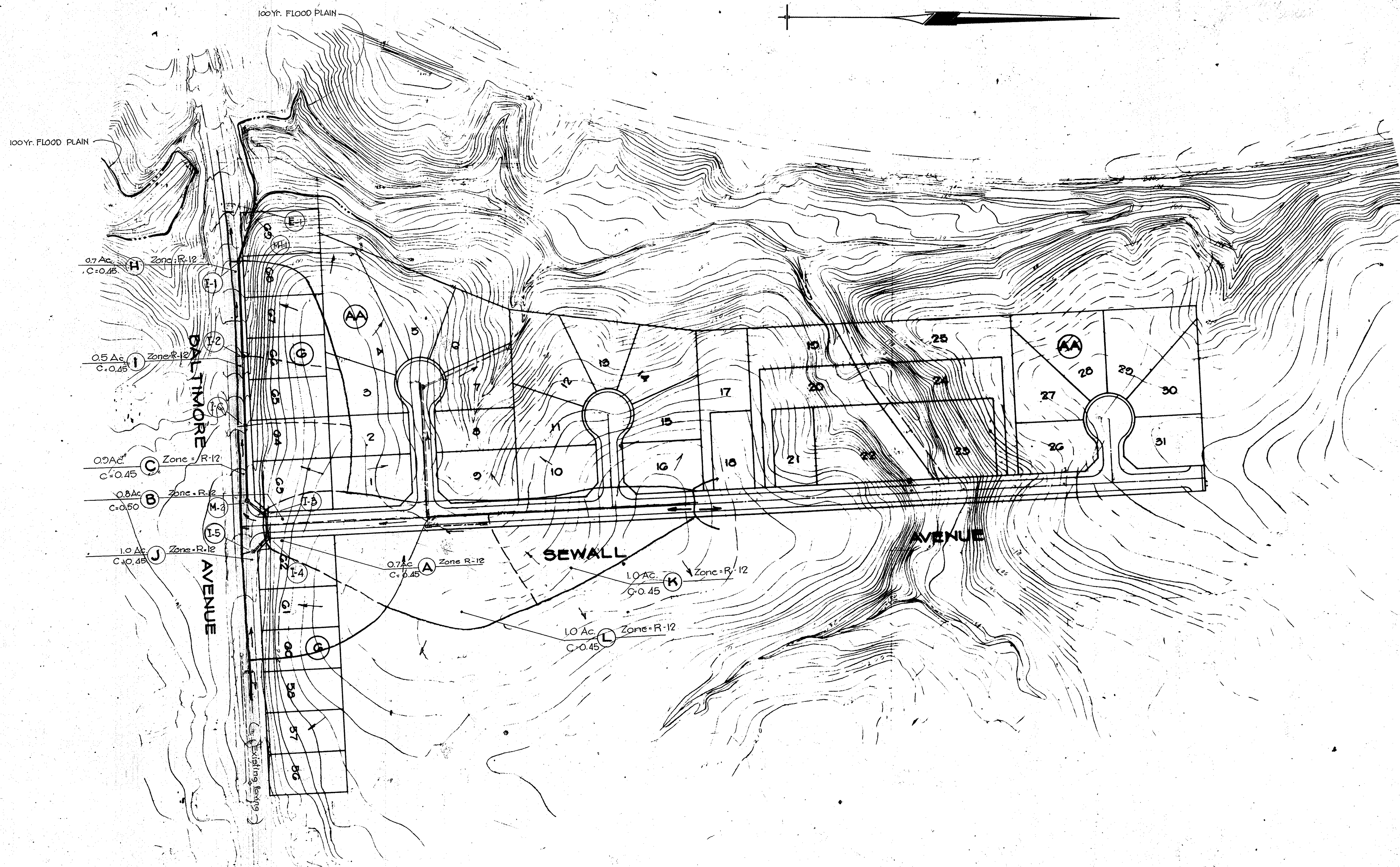
CIVIL ENGINEERS LAND PLANNERS LAND SURVEYORS
OYSTER, IMUS AND PETZOLD, INC.
3419 REEDIE DRIVE WHEATON MARYLAND 20741

Election District No 6 Tax Map No 50
NORTH LAUREL
Howard County, Maryland

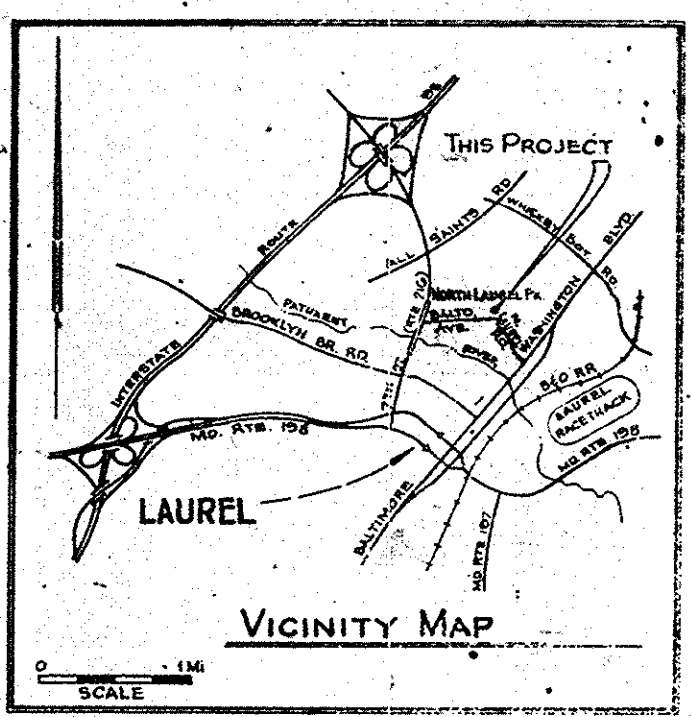
DATE June, 1977 JOB NO. 2073 C-2
SCALE Vert. 1"=5' Hor. 1"=50' SHEET NO. 2 of 3

F-79-174

APPROVED: DEPARTMENT OF PUBLIC WORKS
W.O. Petzold 5-15-78
 Chief, Bureau of Engineering Date
 APPROVED: HOWARD CO., OFFICE OF PLANNING & ZONING
William M. ... 4-20-78
 Chief, Division of Land Development Date



Walter J. Petzold
 STATE OF MARYLAND
 WALTER JOHN PETZOLD
 REGISTERED
 PROFESSIONAL ENGINEER



DATE	REVISION	DRAFTING
8-77	Revised Areas A & I	CHECK
		DESIGN
		CHECK

Developer:
 WARD DEVELOPMENT CO., INC.
 1 Bank Street
 Gaithersburg, Maryland 20760

CIVIL ENGINEERS • LAND PLANNERS • LAND SURVEYORS
 OYSTER, IMUS AND PETZOLD, INC.
 240 GREEN SPRING • WHEATON • MARYLAND • 20757

DRAINAGE AREA MAP

BALTIMORE AVENUE
 Election District No 6 Tax Map No 50
NORTH LAUREL PARK
 Howard County, Maryland

DATE	JOB NO.
June, 1977	2075 C-2
SCALE 1"=100'	SHEET NO. 3 of 3

F-77-174