

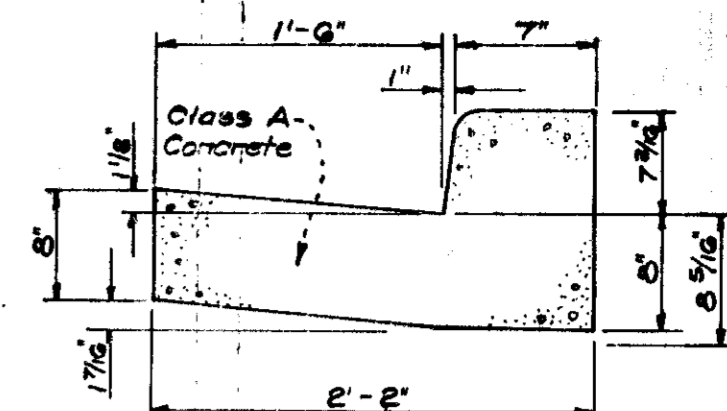
STD. 7" REVERSE COMBINATION CURB & GUTTER
NO SCALE

GENERAL NOTES

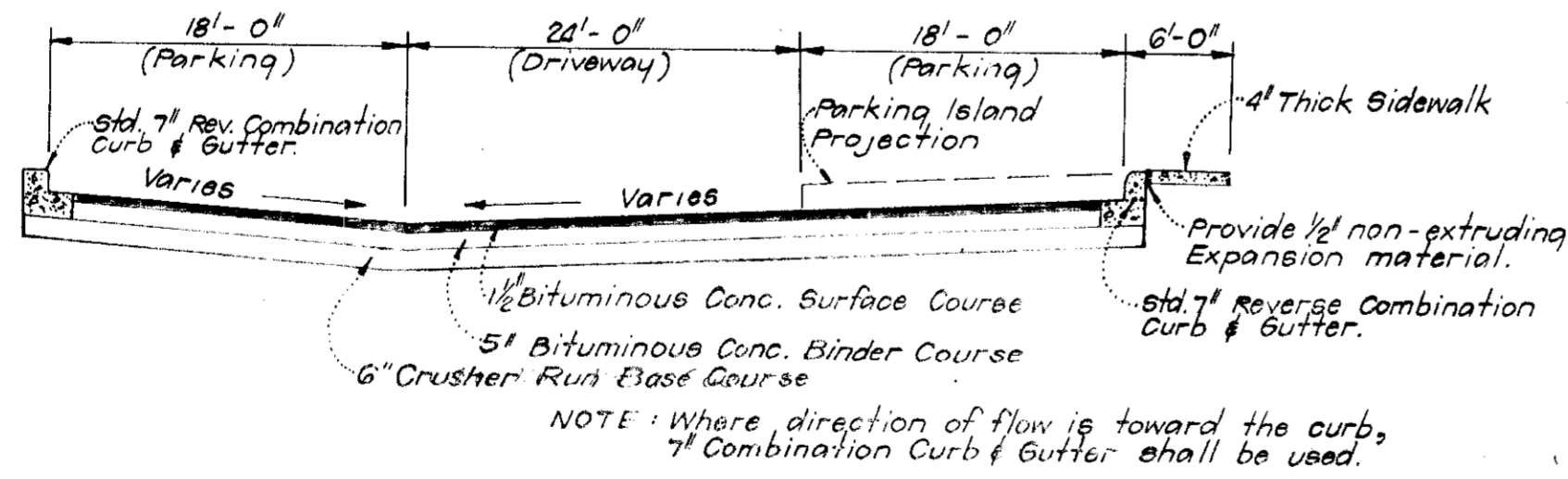
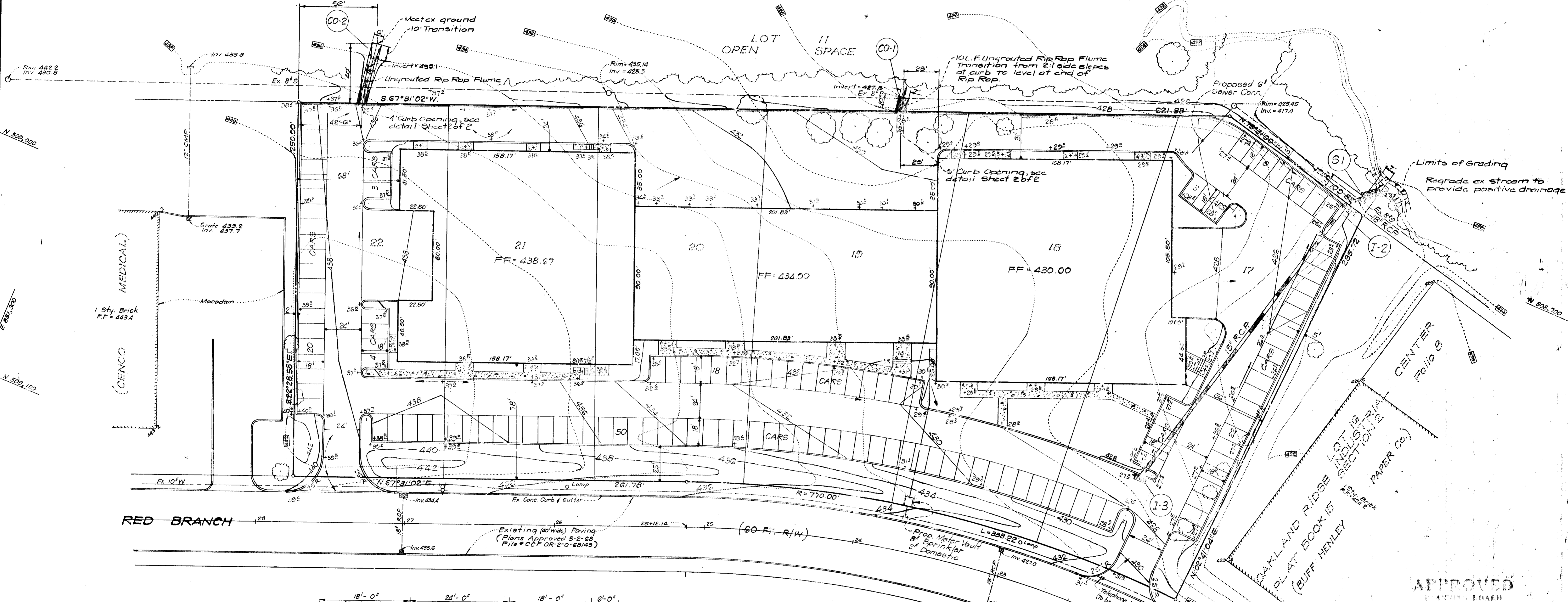
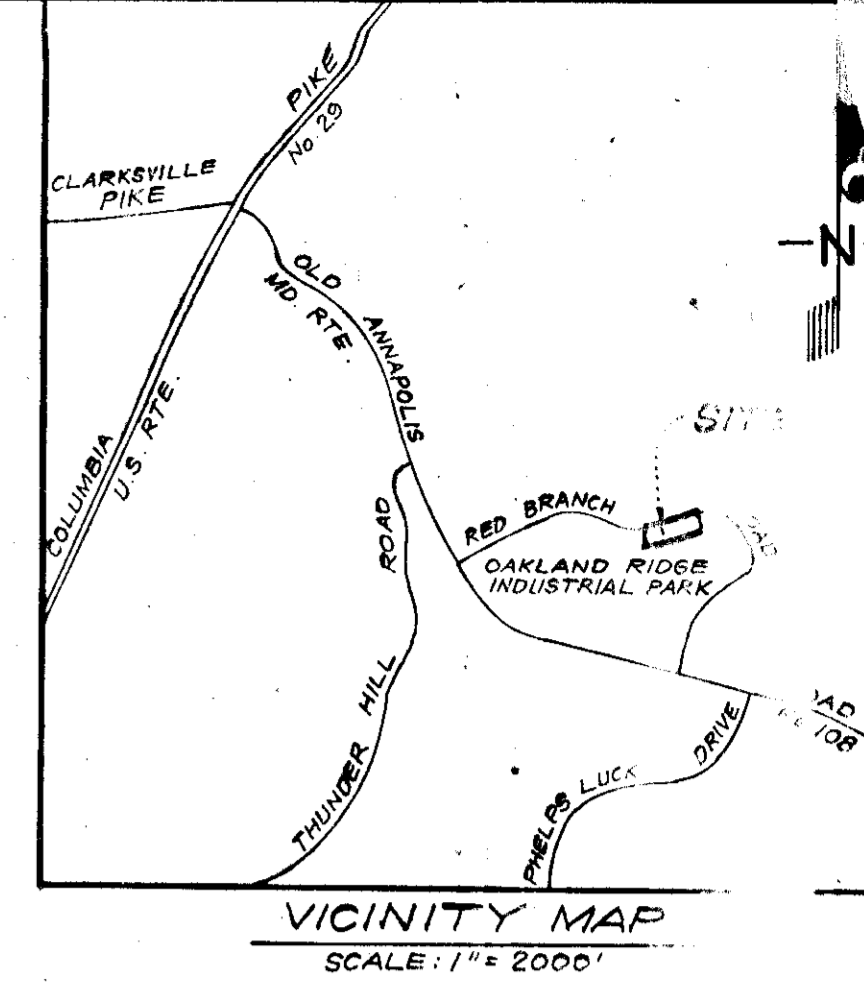
- Existing Contours: 470
- Proposed Contours: 470
- Contour Interval: 2 Ft.
- Proposed Spot Elevation: +22.5
- Direction of Drainage
- All streets and parking bays to be privately owned and maintained.
- Public Water and Sewer to be utilized.
- Plat Reference: Plat Book 15 Folio B.
- All Building setback restrictions to be complied with those set forth in Final Development Plan Phase 2E, recorded in Plat Book 14 Folios 73 thru 79.
- Standard Symbols:
 - Existing Sewer
 - Existing Storm Sewer
 - Proposed Inlet
 - Proposed Storm Sewer

SITE ANALYSIS

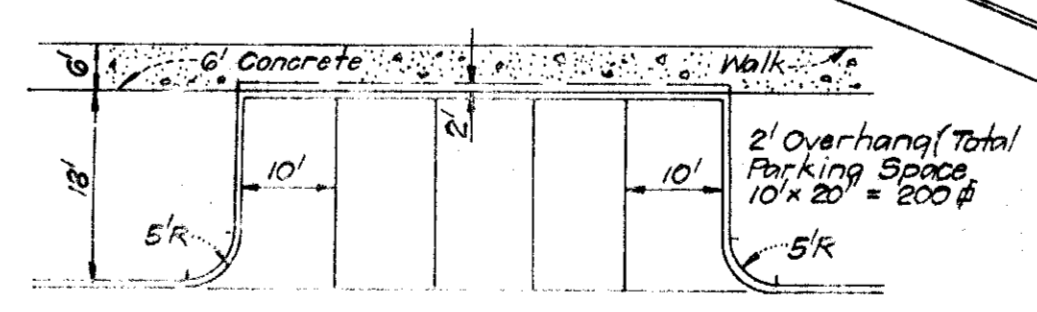
- ZONING: Employment Center Industrial.
 - AREA: 4.036 Ac.
 - PARKING SPACES REQUIRED:
- | USE | AREA | NO. OF EMPLOYEES | SPACES REQ'D |
|-----------|-------------|------------------|--------------|
| OFFICE | 6000 sq ft | 20 | 12 |
| WAREHOUSE | 67445 sq ft | 40 | 20 |
| TOTAL | 73445 sq ft | 60 | 32 |
- PARKING SPACES PROVIDED: 133
 - BUILDING COVERAGE: 36%



STD. 7" COMBINATION CURB & GUTTER
NO SCALE
Howard Co. Std. Drawing # D-40 Pg. 05



TYPICAL PAVING SECTION PRIVATE DRIVE & PARKING
NO SCALE



TYPICAL 90° PARKING
NO SCALE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER
 DATE
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR
 DATE
 CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
 DATE
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR
 DATE
 CHIEF, BUREAU OF HIGHWAYS
 DATE

APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 10/3/73

Sharon A. Harney



DESIGNED	DATE	SCALE
DRAWN	DATE	SCALE
CHECKED	DATE	SCALE
IN CHARGE	DATE	SCALE
DATE	DATE	SCALE

CLARK • FINEROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 1100 W. BROADWAY, BALTIMORE, MD. 21201
 PROJECT NO. 73-001
 SHEET NO. 10 OF 12
 COLUMBIA
 OAKLAND RIDGE INDUSTRIAL CENTER
 PLAT BOOK 15 SECTION 2E
 (BUFF HENLEY PAPER CO.)

STRUCTURE SCHEDULE			
NO.	TYPE	TOP ELEV.	REMARKS
G-1	18" Headwall		Howard Co. Std. 600' BLD. 18"
I-2	18" Inlet	420.10	420.00
I-3	18" Inlet	427.00	427.80

PIPE SCHEDULE		
SIZE	TYPE	LENGTH
18"	ROP CL. IV	215'
18"	ROP CL. IV	15'

Provide Poly Filter X on subgrade prior to placing Rip Rap Paving.

SECTION A-A

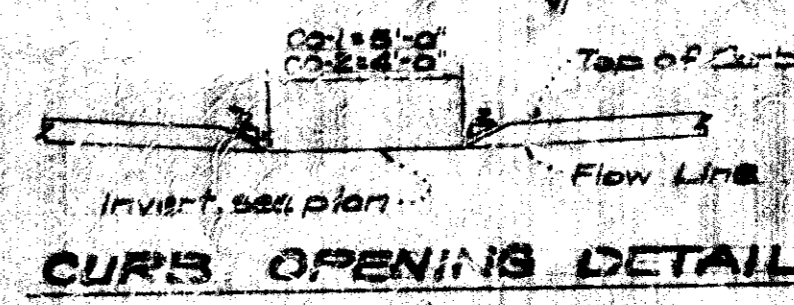
LINGROLTED RIP RAP PAVING DETAIL FOR STRUCTURE NO. 9-1

No Scale

A- Headwall with Modified H&J dimension, see structure schedule this sheet.

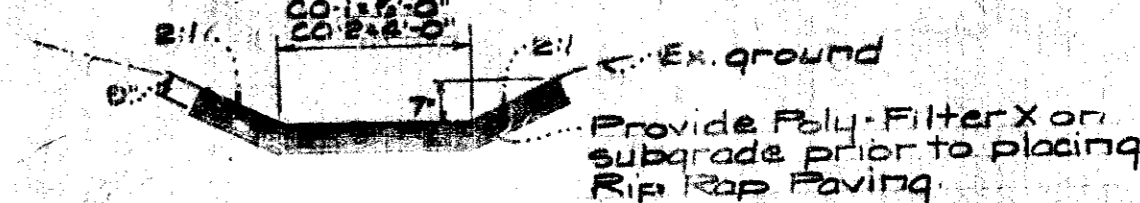
Provide Poly Filter X on subgrade prior to placing Rip Rap Paving.

SECTION B-B



CURS OPENING DETAIL

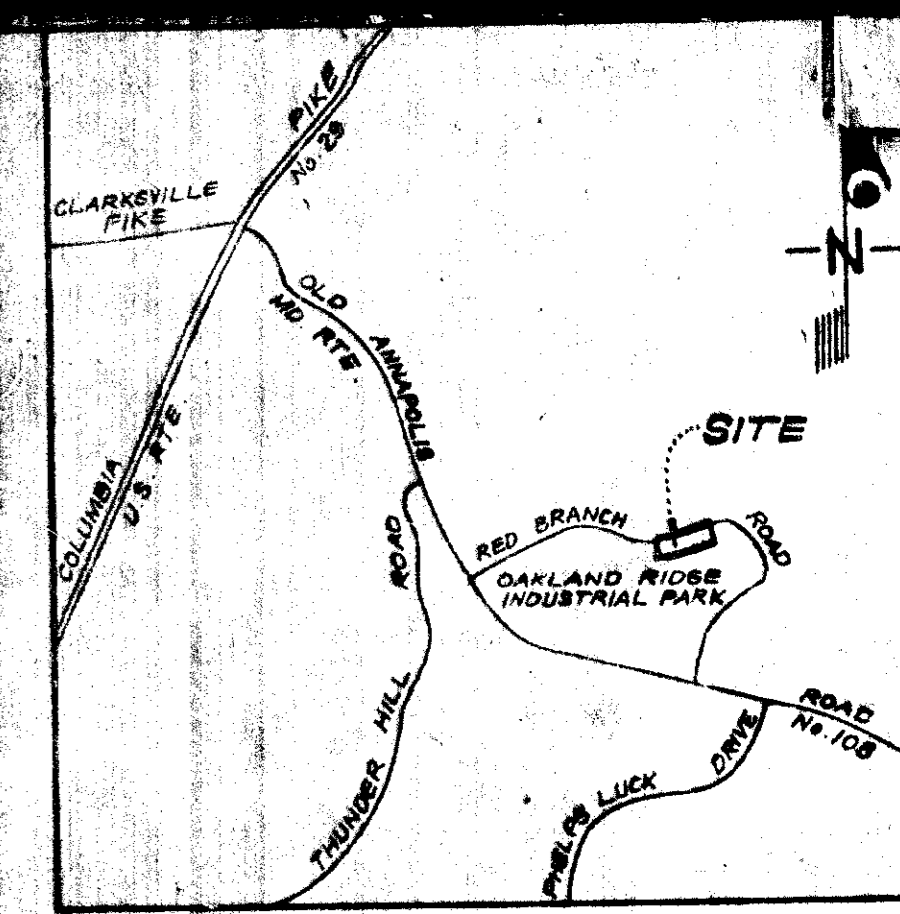
No Scale



UNGRAFOUTED RIP RAP FLUME DETAIL

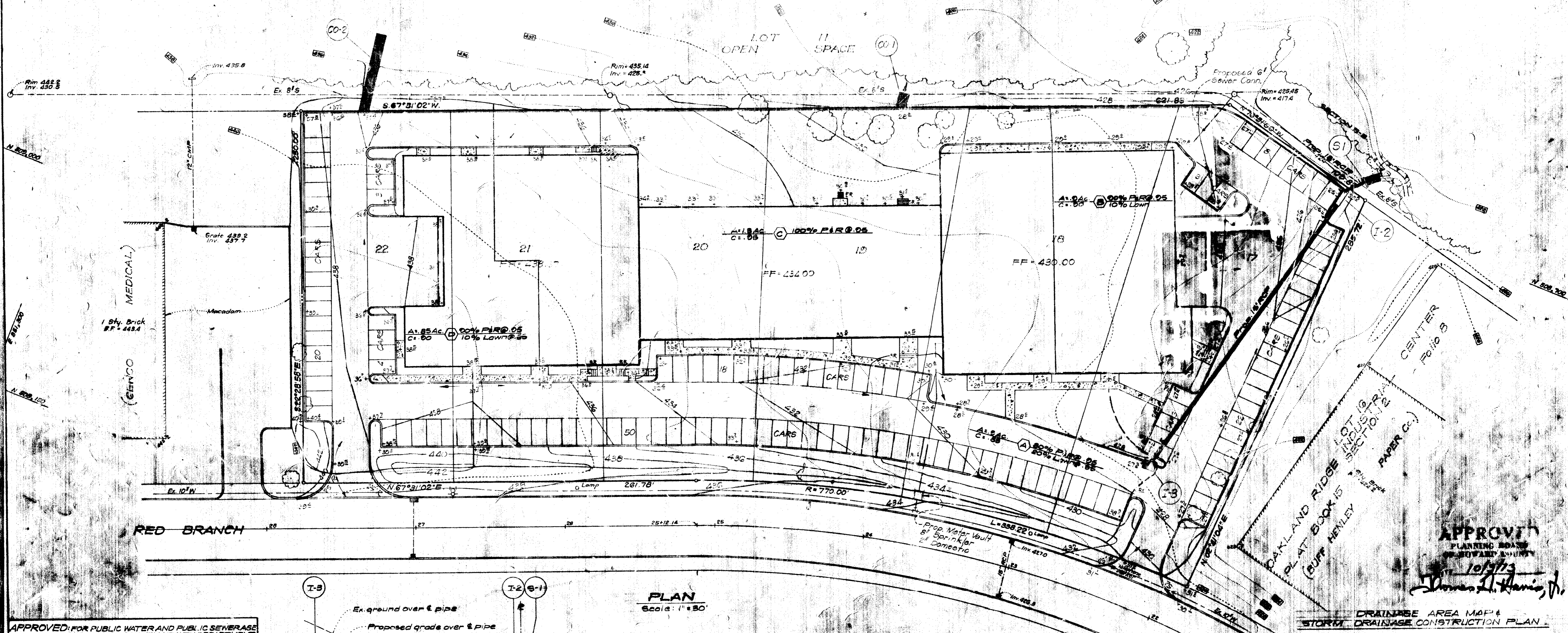
AT STR'S CO-1 & CO-2

No Scale

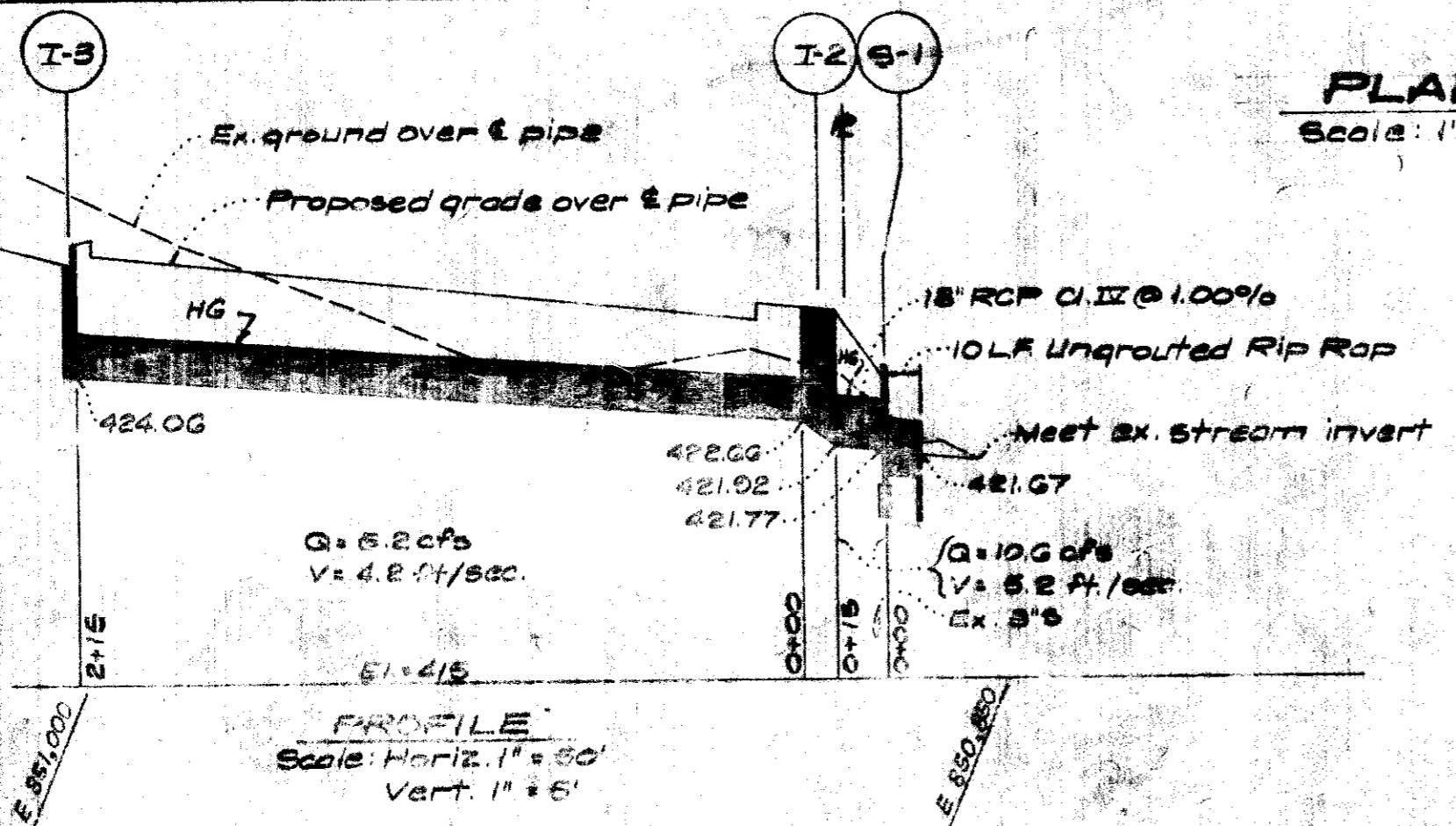


VICINITY MAP

SCALE: 1" = 2000'



PLAN Scale: 1" = 50'



GENERAL NOTES

- All storm drainage and paving shall be constructed in accordance with the latest details and specifications of Howard County.
- Types of storm drain structures refer to the Standard Details of Howard County, unless otherwise indicated.
- Trench compaction for storm drains within road or street right of way limits shall be in accordance with the latest Howard County Road Code.

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
10/27/73
James L. Harris, Jr.

DRAINAGE AREA MAP & STORM DRAINAGE CONSTRUCTION PLAN

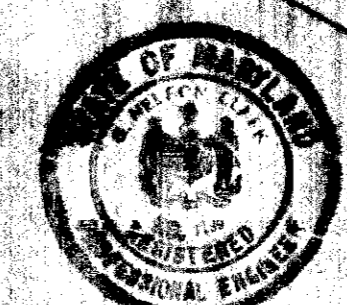
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR
 CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR
 CHIEF, BUREAU OF HIGHWAYS

CLARK - FINEROCK & SACKETT
ENGINEERS - PLANNERS - SURVEYORS
13115 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

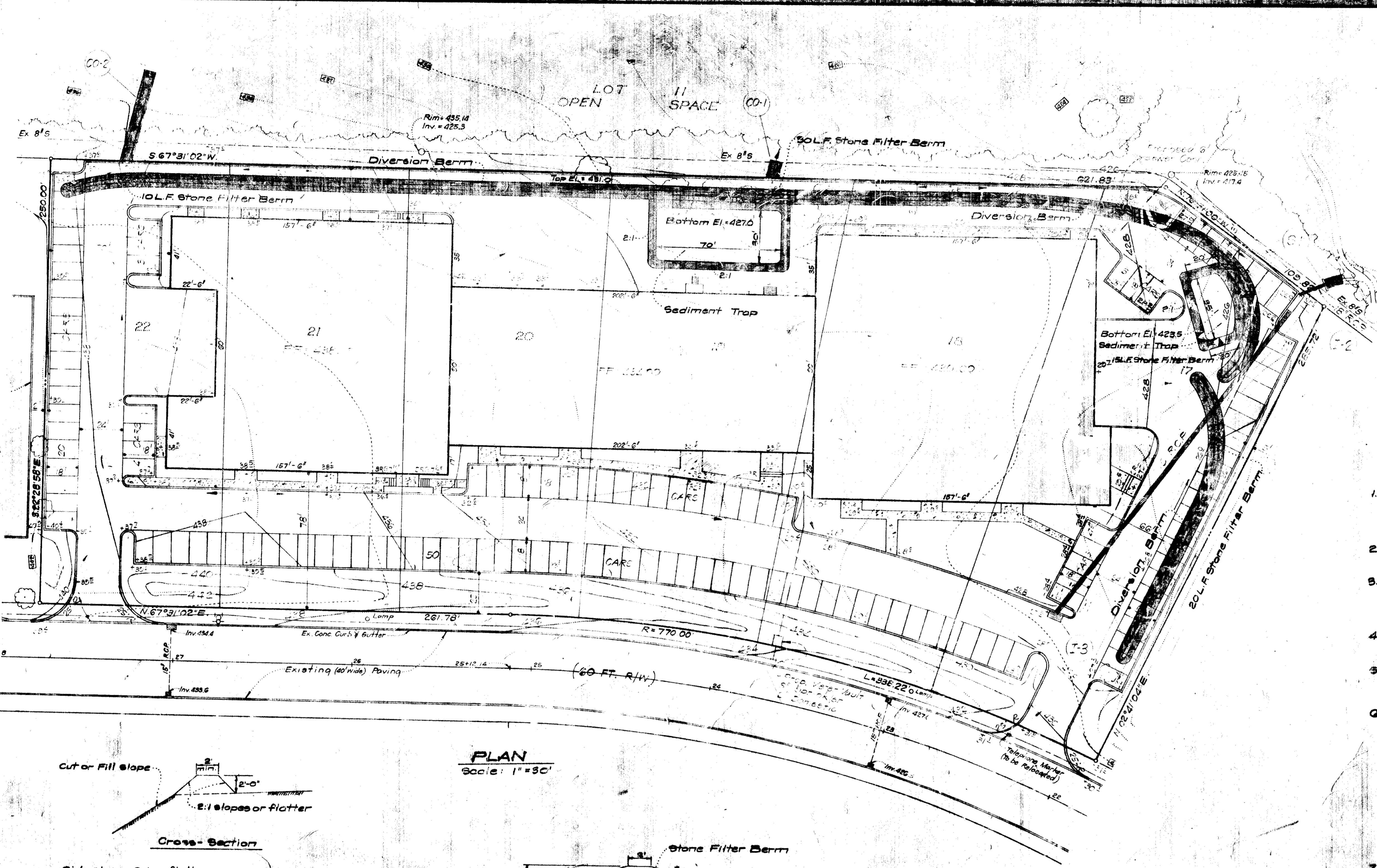
DESIGNED: DAB
DRAWN: Guro
CHECKED: GNC
DATE: July, 1973

SCALE: As Shown DRAWING: 2 of 2 JOB NO.: 78-555 FILE NO.: 1082-X

DEVELOPMENT PLAN
LOTS 17 THRU 22
COLUMBIA
SECTION 2
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FOR VAN ES ASSOCIATES
3235 P STREET, N.W.
WASHINGTON, D.C. 20007

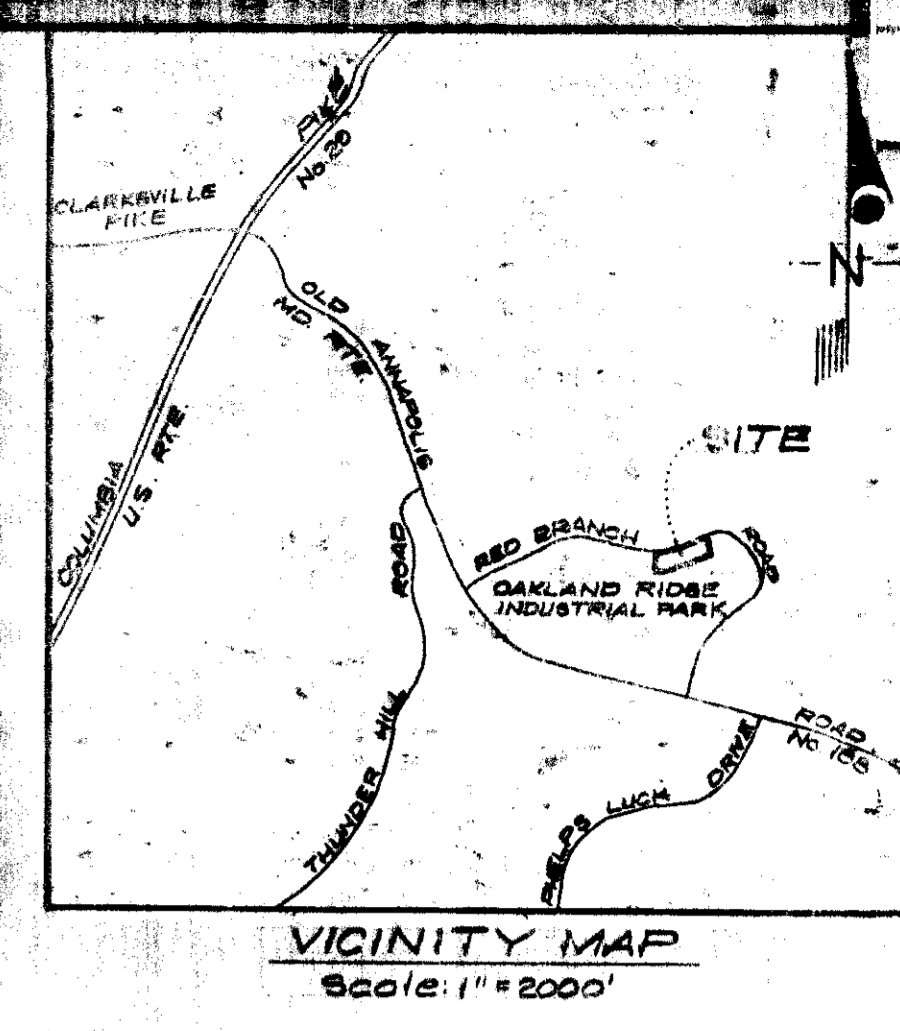


SDP 74-07C

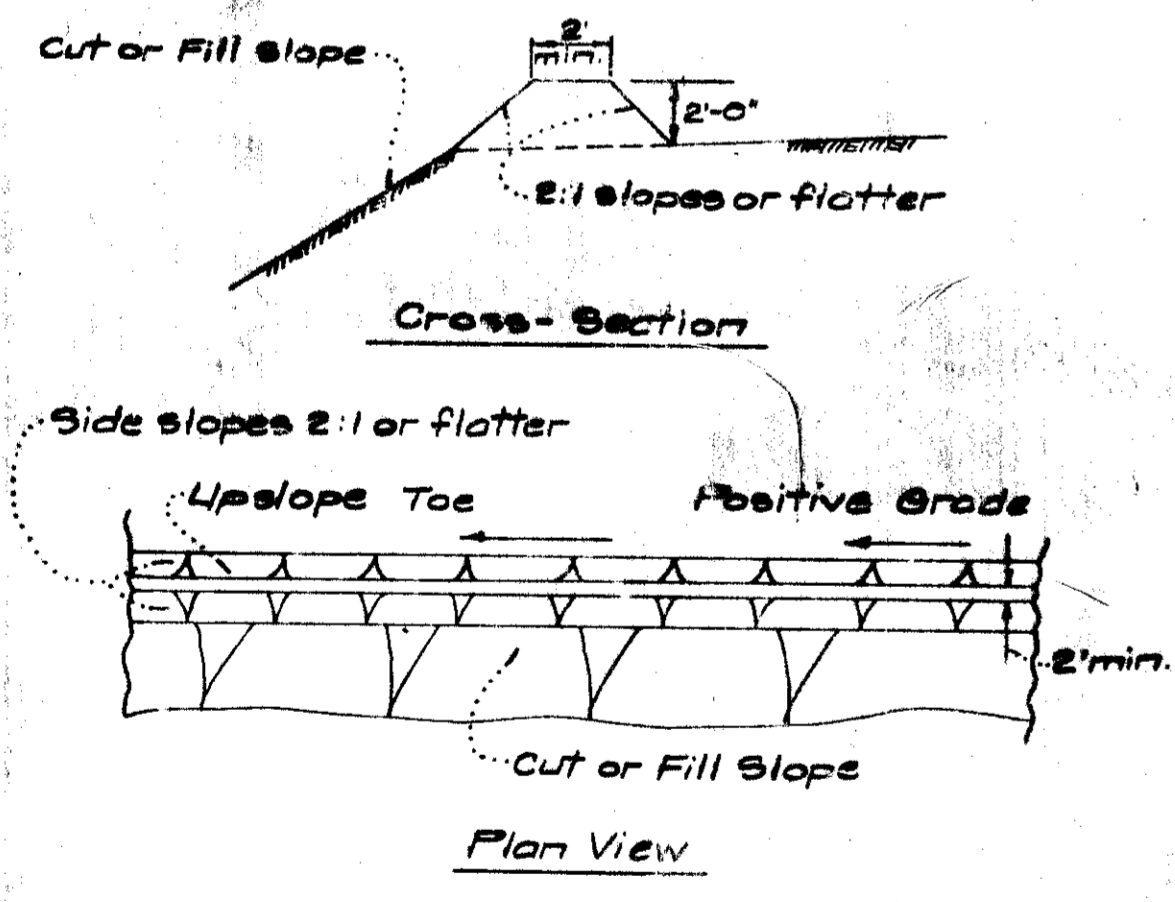


GENERAL NOTES

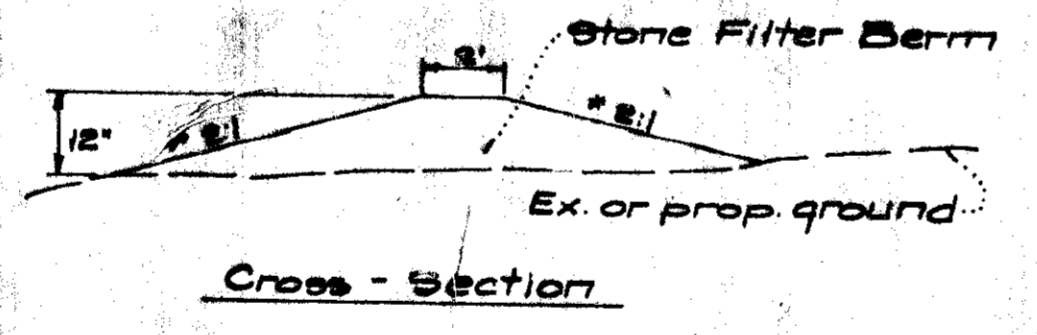
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing, or disturbance of the existing surface of the site.
- Notify the Howard Soil Conservation District at least 24 hours before starting any work.
- All Sediment Control Practices to conform to the Standards and Specifications for Soil Erosion and Sediment Control in Urbanizing Areas & shall be adjusted to meet actual field conditions.
- Stabilization of disturbed ground to be done as soon after construction as possible.
- Stone filter berms shall be used where shown on plans. See detail of berm this sheet. These stone berms shall be maintained in good operating condition.
- All graded areas shall be treated in accordance with the following specifications:
 - Seed-certified 85% germination applied at the rate of 2 lbs./1000 sq ft; mixture - 40% Kentucky Blue 20% Chewing Fescue; 20% Kentucky 31, and 20% Annual Ryegrass.
 - Fertilizer - 5-10-10 applied at the rate of 25 lbs./1000 sq ft and ground agricultural lime or dolomitic lime applied at the rate of 40 lbs./1000 sq ft.
 - Mulch - Weed free grain straw applied at the rate of 70 lbs./1000 sq ft. Mulch shall be secured to the ground by any approved method, i.e. asphalt racks, chemical binder, wood chips, etc.
- Temporary Construction Entrance shall be constructed of #2 stone not less than 8 inches thick for fullwidth of ingress or egress and not less than 50 feet in length. Entrances shall be maintained in good operating condition.



PLAN
Scale: 1"=30'



DIVERSION BERM
No Scale



*Slopes to be flat enough to accommodate construction vehicles without damaging berm.
Note: Stone shall be 4" to 6" in diameter.

STONE FILTER BERM DETAIL
No Scale

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
W. W. [Signature]
DIRECTOR
CHIEF BUREAU OF HIGHWAYS
1/16/73
DATE
1/14/74
DATE

Reviewed for Howard SCD.
Satisfies Technical Requirements
[Signature]
12-7-73
DATE
U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Approved [Signature] Date 12-7-73

ENGINEER'S CERTIFICATE
I hereby 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.
7-13-73 Date
[Signature]
G. Nelson Clark



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.
7/20/73 Date
[Signature]
Arthur C. Madley

APPROVED
BOARDING BOARD
OF HOWARD COUNTY
10/3/73

[Signature]

CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 502-3400	
DESIGNED BY	SEDIMENT/EROSION CONTROL PLAN
DRAWN BY	LOTS 17 THRU 22
CHECKED BY	COLUMBIA
DATE	OAKLAND RIDGE INDUSTRIAL CENTER SECTION 2
	2ND ELECTION DISTRICT
	HOWARD COUNTY, MARYLAND
	FOR VAN ES ASSOCIATES
	3825 P STREET, N.W.
	WASHINGTON, DC 20007