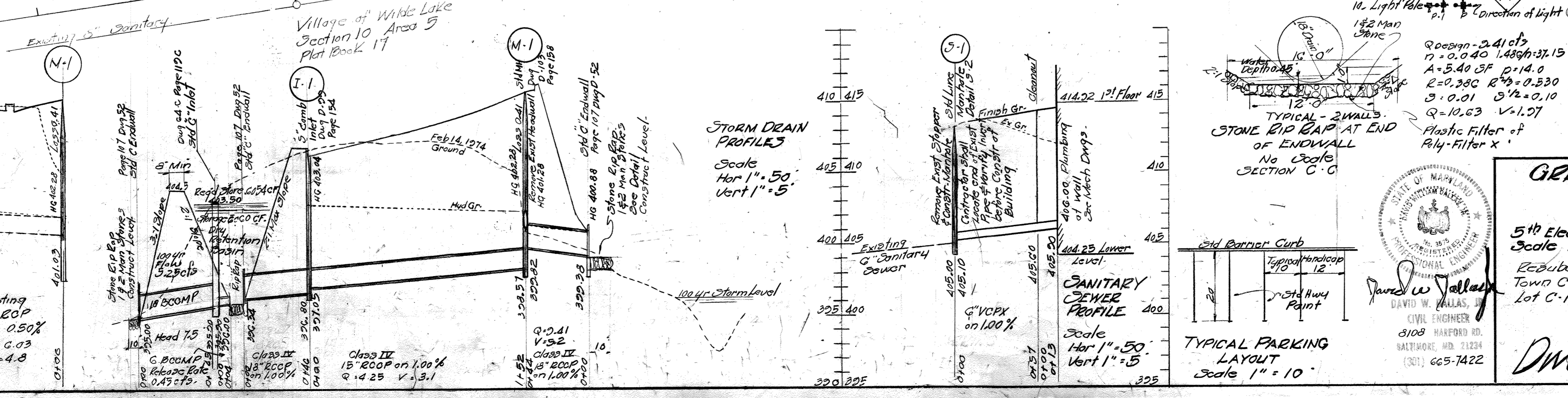
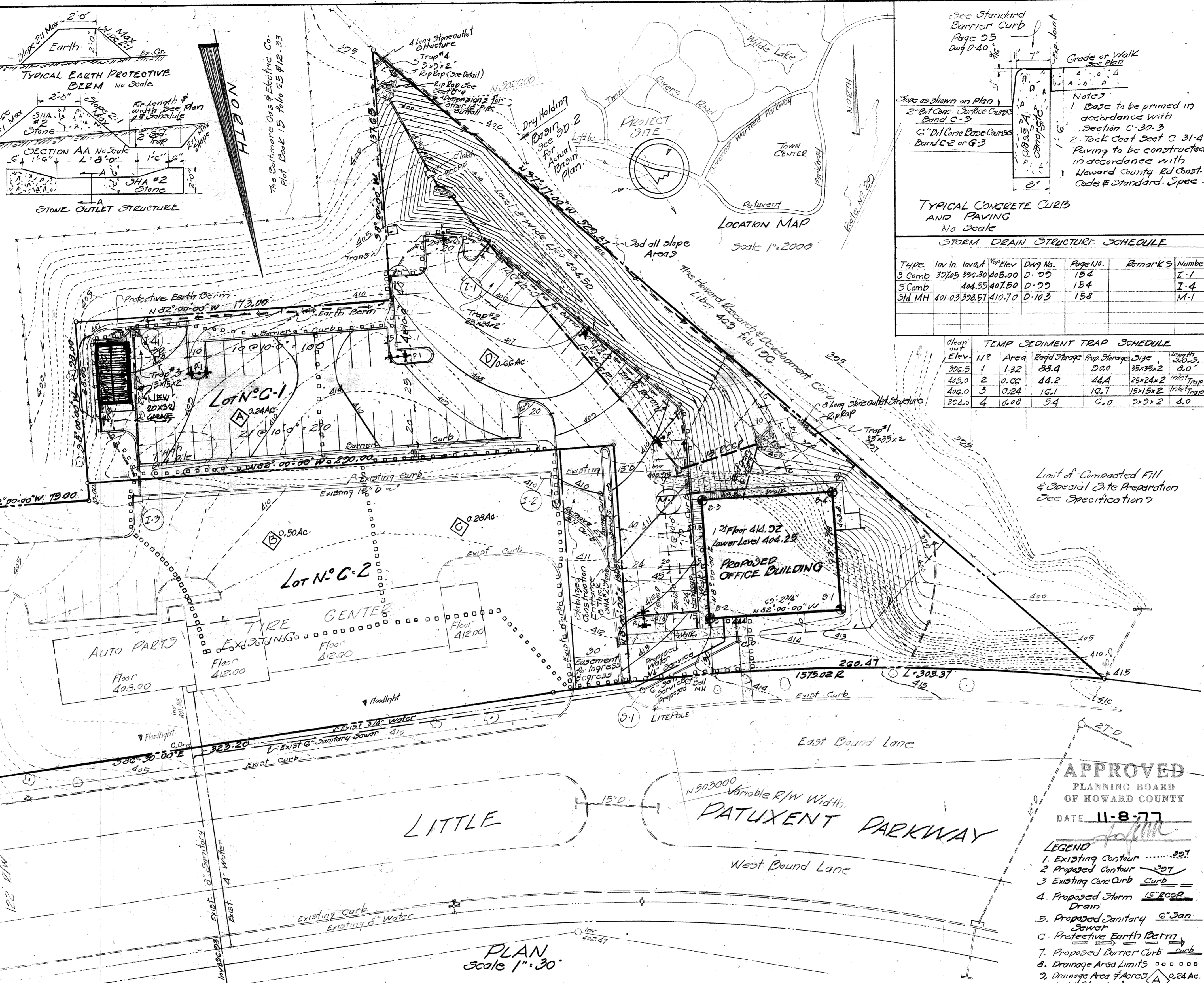
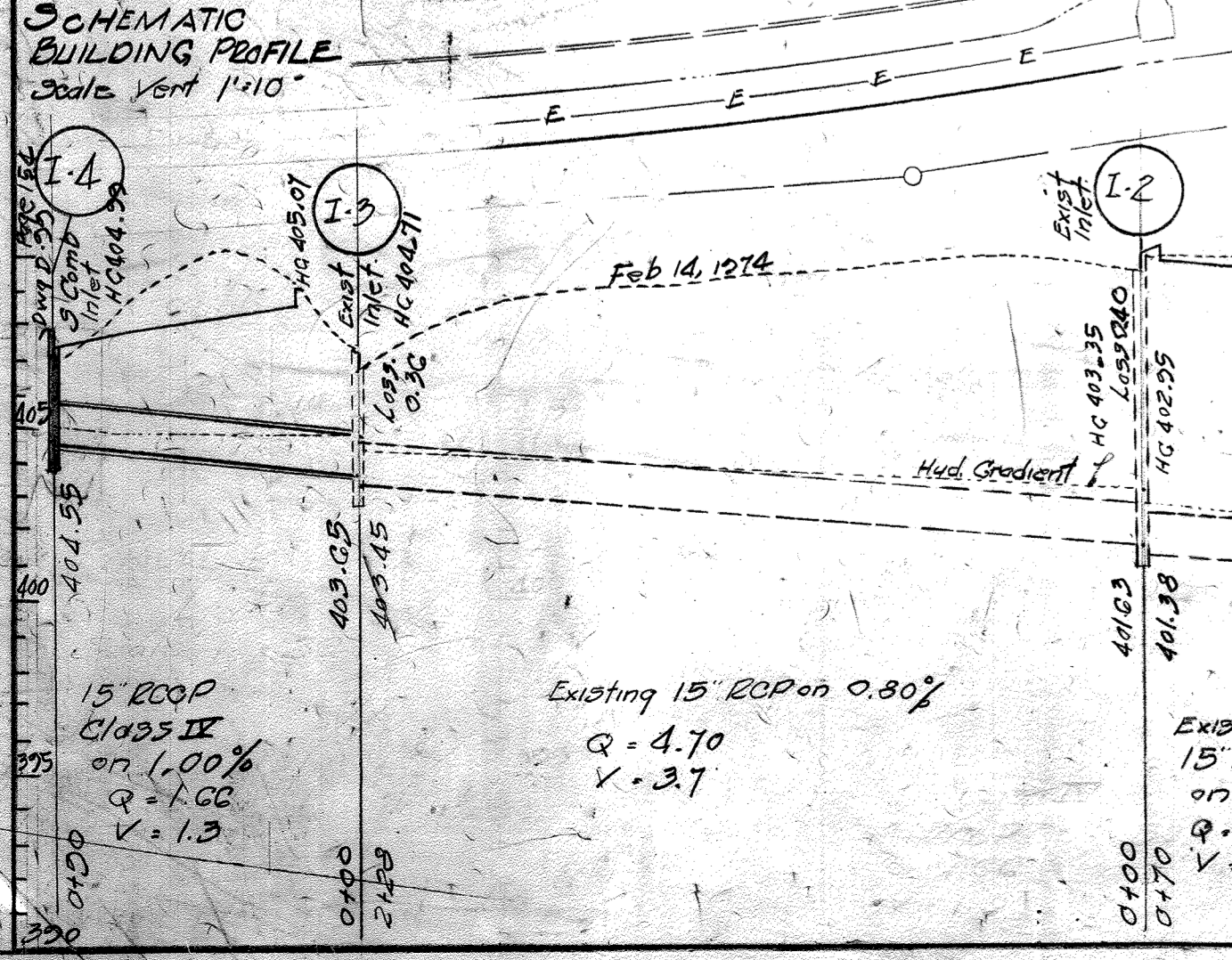
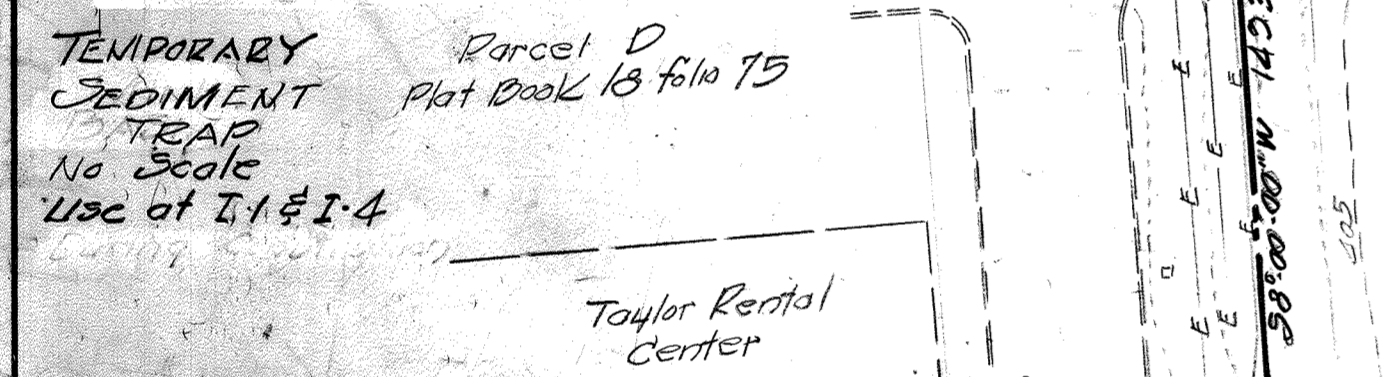
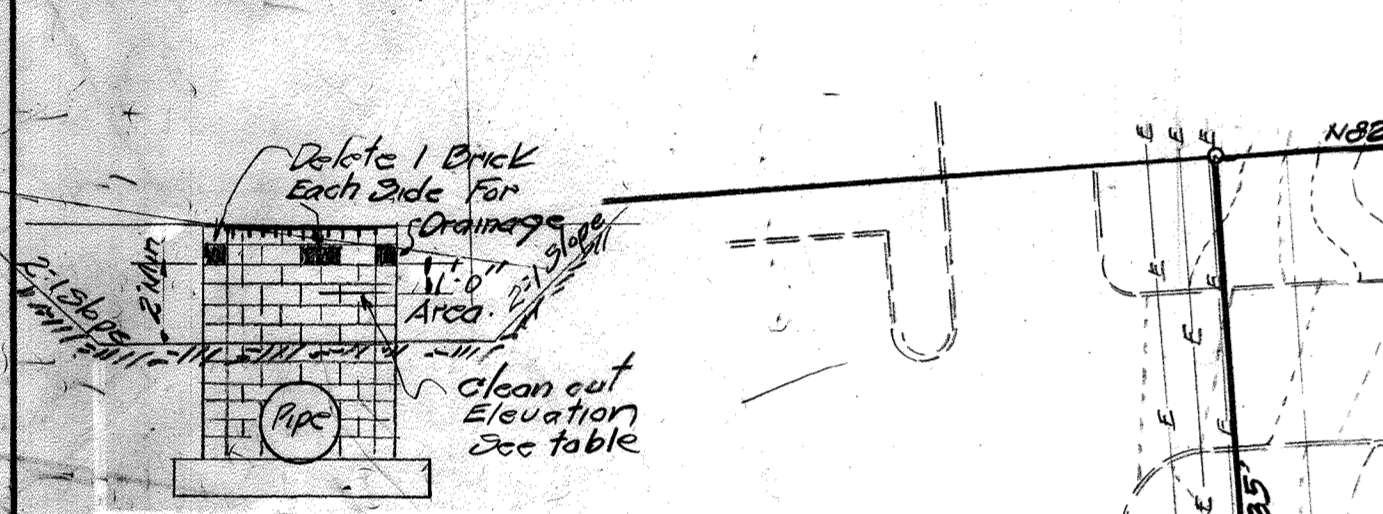


SEDIMENT CONTROL NOTES & SCHEDULE

1. The contractor shall notify the Howard County Soil Conservation District of least 24 hrs prior to beginning any construction shown on this drawing. (Telephone 465-3186).
2. Protective Sediment Control measures must be installed prior to grading operations.
3. Contractor shall install Storm Drain System, stabilize outfall with 18" man Stone paving, stone baffles & form temporary Sediment Traps at Inlet I-1 & I-4 & outfall.
4. Place protective berms to direct all surface flows from disturbed areas to Sediment Traps.
5. Construct cut & fill slopes and stabilize by sodding as soon as completed.
6. Sediment Control measures shown on plan are not to be removed except with permission of the Soil Conservation District.
7. All areas disturbed by grading or contractors operations, not being paved shall be topsoiled, sodded and mulched immediately following earthwork operations in accordance with the following:
 - a. Place 3" Compacted layer of Topsoil to finish grade.
 - b. Spread pulverized dolomitic limestone at the rate of 1 Ton/Acre.
 - c. Spread 10-10-10 Commercial grade fertilizer at rate of 1000 #/Ac. and immediately disk into topsoil to 3" depth.
 - d. Place certified sod in straight rows with subsequent rows parallel & tightly wedged against each other on joints lay with the long edges parallel to the contour & with staggered joints. Secure by tamping & pressing or other approved method.
 - e. As sodding is completed in one section, the area shall be rolled or tamped to insure solid contact of roots with soil surface. Water immediately after rolling until the underside of new sod pad & soil surface below are thoroughly wet. Water daily for first week & then as necessary.

STORM WATER MANAGEMENT

1. Total Area of Site 1.401 Ac
2. Req'd 18yr Detention Volume 6054 cu ft
3. Actual Detention Volume 6050 cu ft
4. Req'd Max. Release Rate 0.55 cfs
5. Actual Release Rate 0.45 cfs



GENERAL NOTES

1. Parcel C Shown on Subdivision Plat of Parcel C Town Center Section G Area 2 Lots C1-C2 Plot Book 26 Folio 47
2. State Tax Map 1970-1971 Page 35 Parcel 275
3. Grass Acreage of Parcel C-1 1.401 Acres
4. Zoned: Employment Center-Commercial-Town Center; FDP 64-A; See P.D. Case 107
5. Use: Office Building
6. Total Number of Lots - One
7. Parking Spaces Shown 65 Space 9
8. 13,170 Total Sq Ft of Office Use on Site 343,300 SF
9. Any damage to County Right of Way or existing paving shall be corrected at the developer's expense.
10. All material and construction methods shall be in accordance with Howard County Road Construction Code.
11. Site Analysis
 - 1.401 Ac Total Area of site
 - 1.40 Ac Disturbed
 - 0.73 Ac Roofed & Paved
 - 0.67 Ac Area Revegetated
 - 0.09 Ac Area Not Disturbed
12. Lighting shall be 150 Watt Sodium High Pressure on 20' High Pole with Pole Cat No 12 131-208 3Z McGraw-Hill or Equal. All lighting shall be directed away from public Right of Ways.
 - P-1 = Double Light
 - P-2 = Single Light

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.

David W. Yallas, Jr. 5-14-74
Signature of Engineer Date

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. Deviations from this plan will not be made unless authorized by the Howard Soil Conservation District.

10-25-77
Signature of Developer Date

Reviewed for HOWARD COUNTY and meets Technical Requirements.

C. Wayne Ray 12-20-77
Signature Date
U.S. Soil Conservation District

This Development Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.

APPROVED: Wes EARP 12-29-77
Howard Soil Conservation District

APPROVED: For Public Water and Public Sewerage Systems
HOWARD COUNTY HEALTH DEPARTMENT.

APPROVED: Howard County Office of Planning and Zoning
1-9-78
Date
1-9-78
Date
Chief, Division of Land Development

APPROVED: For Public Water, Public Sewerage, and Storm Drainage Systems and Roads.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
12-27-77
Date
12-27-77
Date
Chief, Bureau of Highways

GREMPLE REALTY INC. OFFICE BLDG
LITTLE PATUXENT PARKWAY
COLUMBIA, MARYLAND

5th Election District
Scale 1"=30'

Howard County, Md
May 14, 1974
July 1, 1974
Revised Aug 31, 1977

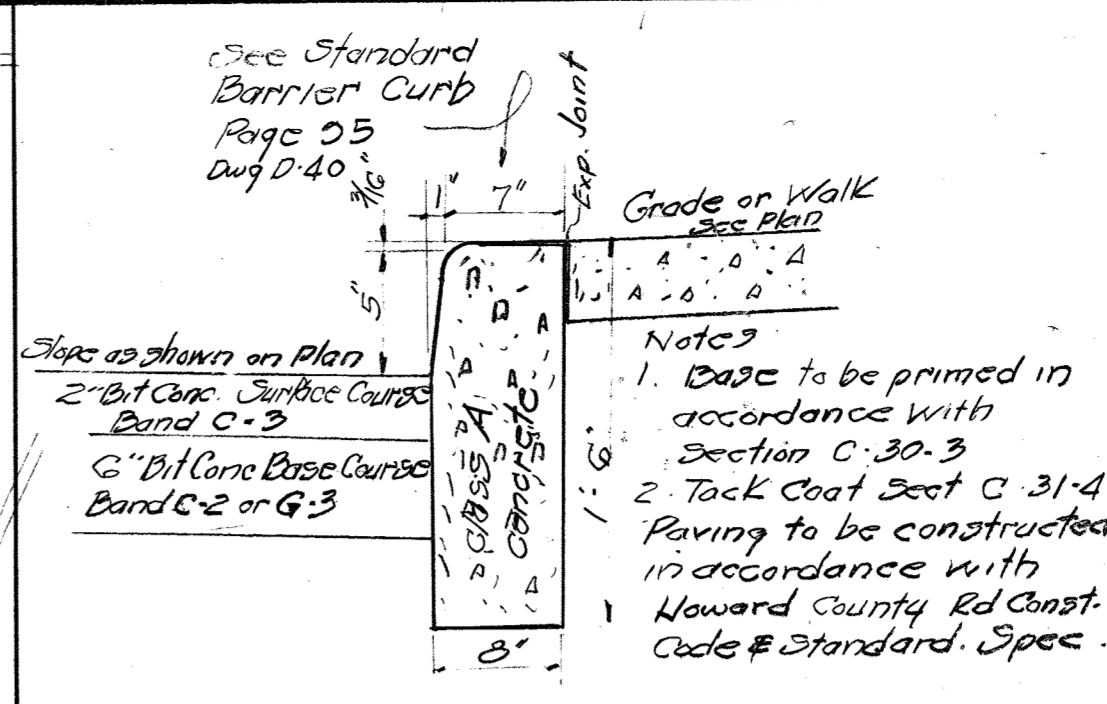
Resubdivision, Parcel C
Town Center Section G Area 2
Lot C-1 Plot Book 26-47

ARCHITECT
L. Edward Wolf
Barton Road
Lutherville Md
21113
Phone 325-6400

OWNER
Grempler Realty
400 East Joppa Road
Towson Md 21284
Phone 325-6400

DAVID W. YALLAS, JR.
CIVIL ENGINEER
3108 HANFORD RD.
BALTIMORE, MD 21234
(301) 665-7422

DWG SD-1 of 2



STORM DRAIN STRUCTURE SCHEDULE

| TYPE | NO. | INVERT | TOP ELEV | DWG NO. | PAGE NO. | REMARKS | NUMBER |
|--------|--------|--------|----------|---------|----------|---------|--------|
| 3 Comb | 37/105 | 404.50 | 405.00 | 0-25 | 154 | | I-1 |
| 3 Comb | 404.55 | 407.50 | 0-25 | 154 | | | I-4 |
| 3rd MH | 401.03 | 378.51 | 410.70 | 0-103 | 158 | | M-1 |

TEMP SEDIMENT TRAP SCHEDULE

| NO. | AREA | REQ'D STRONG | PROP STRONG | SIZE | LENGTH | INLET TYPE |
|-----|------|--------------|-------------|---------|--------|------------|
| 1 | 1.32 | 83.4 | 50.0 | 35x35x2 | 5.0' | INLET TRAP |
| 2 | 0.66 | 44.2 | 44.4 | 25x24x2 | 4.0' | INLET TRAP |
| 3 | 0.24 | 16.1 | 16.7 | 15x15x2 | 2.0' | INLET TRAP |
| 4 | 0.08 | 5.4 | 6.0 | 2x2x2 | 2.0' | INLET TRAP |

See Standard Barrier Curb Page 95 DWG D-40

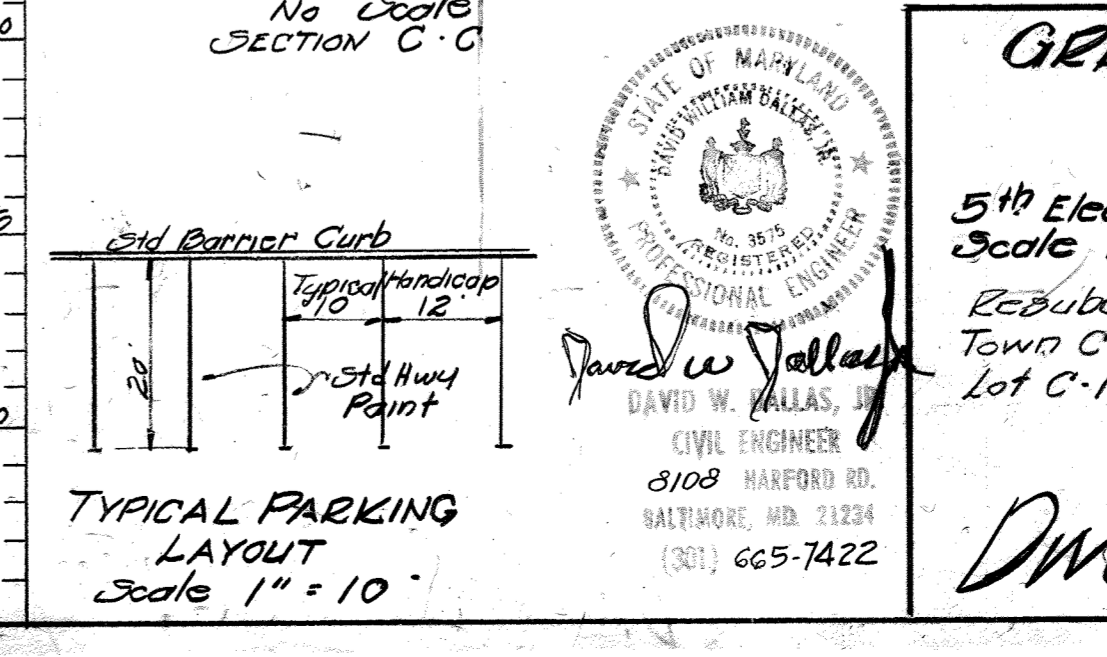
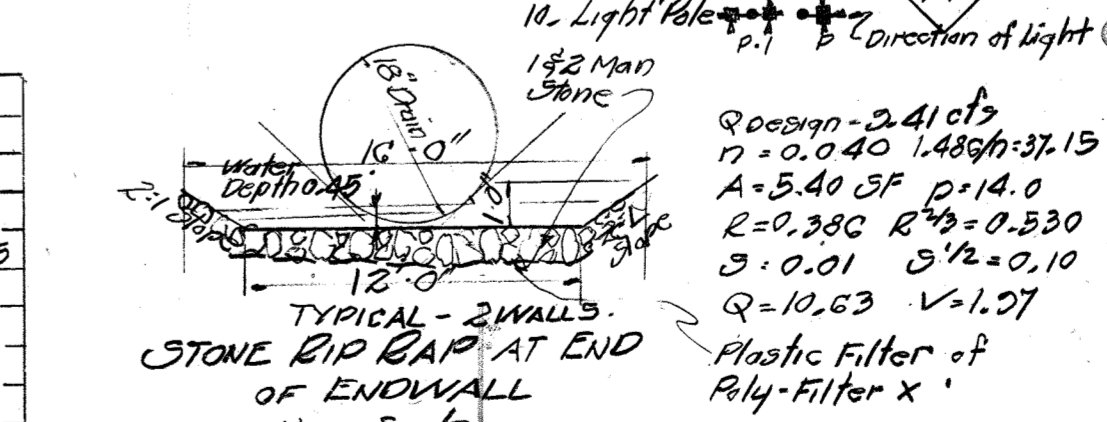
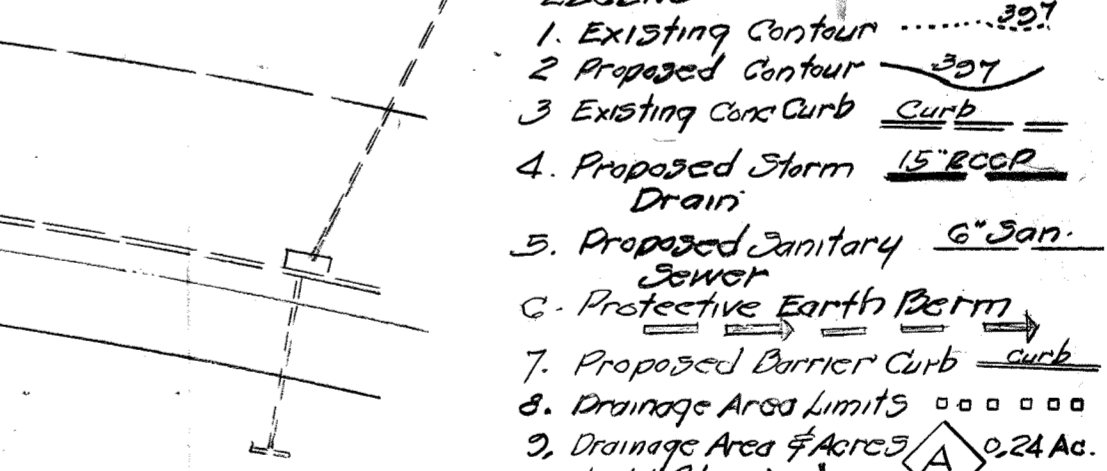
See Standard Barrier Curb Page 95 DWG D-40

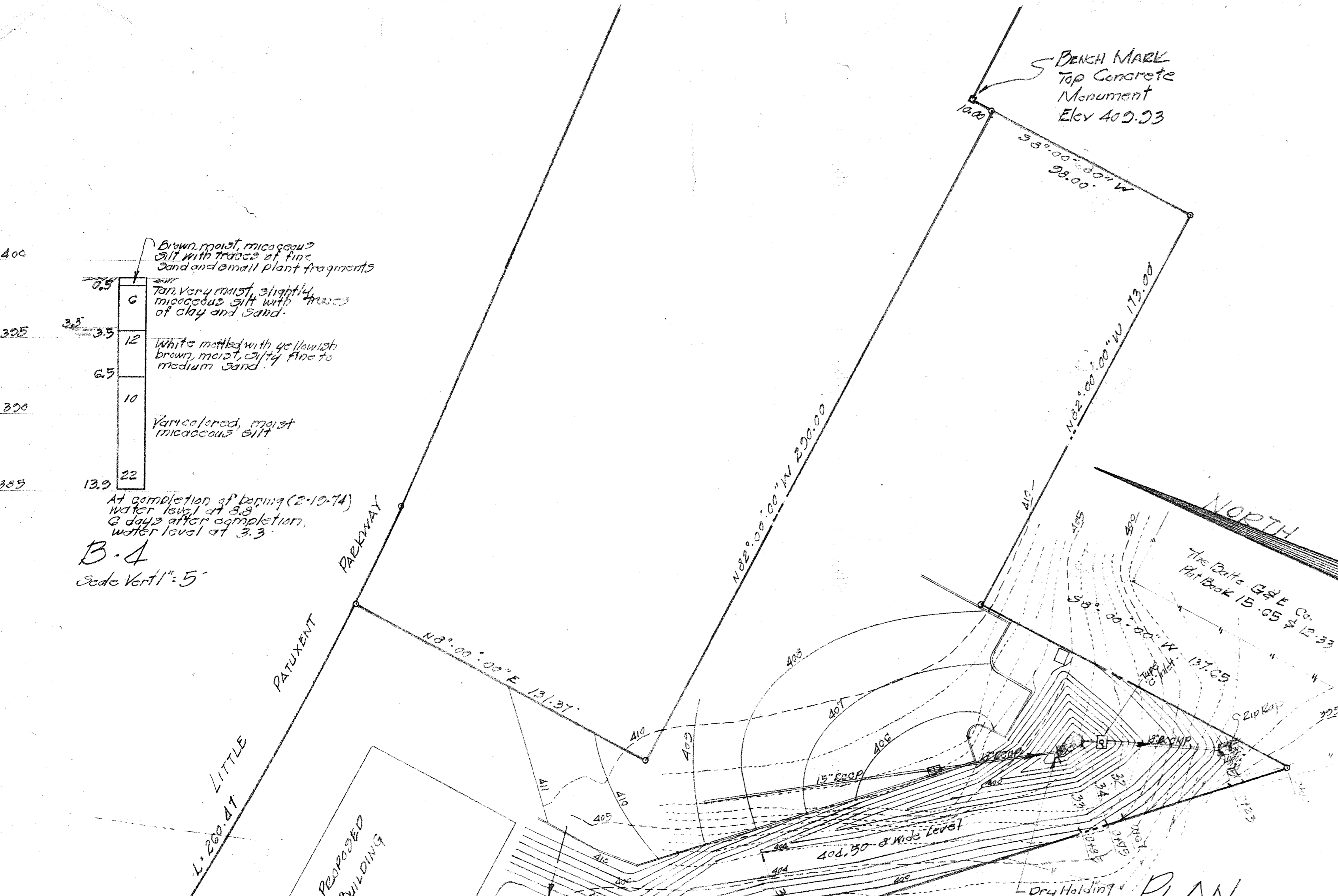
See Standard Barrier Curb Page 95 DWG D-40

APPROVED PLANNING BOARD OF HOWARD COUNTY
DATE 11-8-77

LEGEND

1. Existing Contour
2. Proposed Contour
3. Existing Conc Curb
4. Proposed Storm Drain
5. Proposed Sanitary Sewer
6. Protective Earth Berm
7. Proposed Barrier Curb
8. Drainage Area Limits
9. Drainage Area
10. Light Pole





- GENERAL NOTES**
1. Structure Classification: Structure Class A. Storage x Height Product 7.5 x 0.135 Ac = 1.04. Watershed Area 1.441 Acres. Height of Emergency Spillway Crest 7.5 feet. Natural Surface Area 2.0 Acres. Structure Location Rural Urban.
 2. Construction Specifications: Area under the embankment shall be cleared and grubbed to remove all trees, vegetation, roots or other objectionable material and topsoil stripped and stockpiled. The backfill material for the cutoff trench (if required) and upstream side of the dam shall be the best impervious material available. The movement of the hauling and spreading equipment over the fill shall be controlled so that the entire surface of each 3" maximum thickness layer shall be compacted to 95% by ASTM D99 (Standard Proctor).
 3. Hydrologic Criteria: Principal Spillway Rating 2 Year Frequency. Emergency Spillway Rating 100 Year Frequency by Federal's 10 Foot Wave Eff. Spillway Rating.

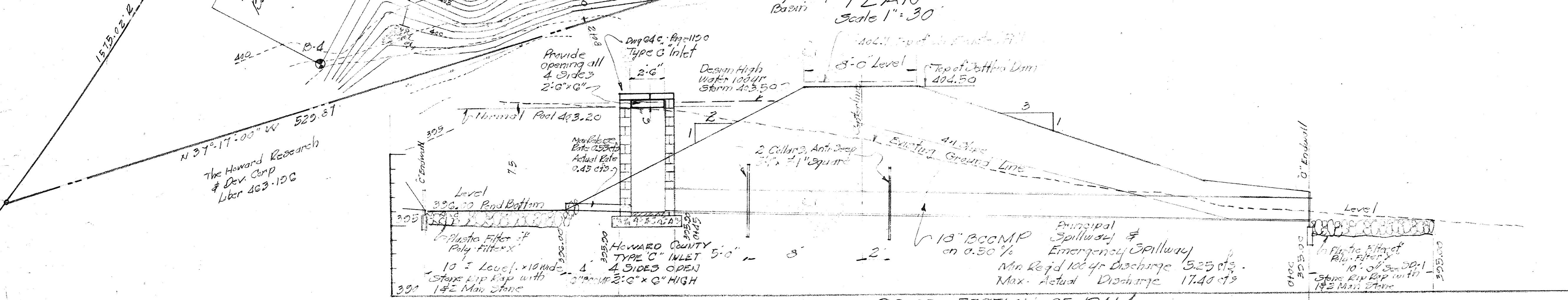
PLAN CERTIFICATION
 I hereby certify that the plans and specifications for the proposed small pond were prepared by or under my supervision, and meet the minimum standards of the Howard Soil Conservation District. I have also informed the owner of his responsibility to have the construction supervised and certified by a Registered Professional Engineer within thirty (30) days of completion.
 Signed: David W. Dallas, P.E. No. 3575

LANDOWNERS CERTIFICATION
 I hereby certify that all work will be completed pursuant to this plan.
 Signed: [Signature] 12-14-77
 10-25-77

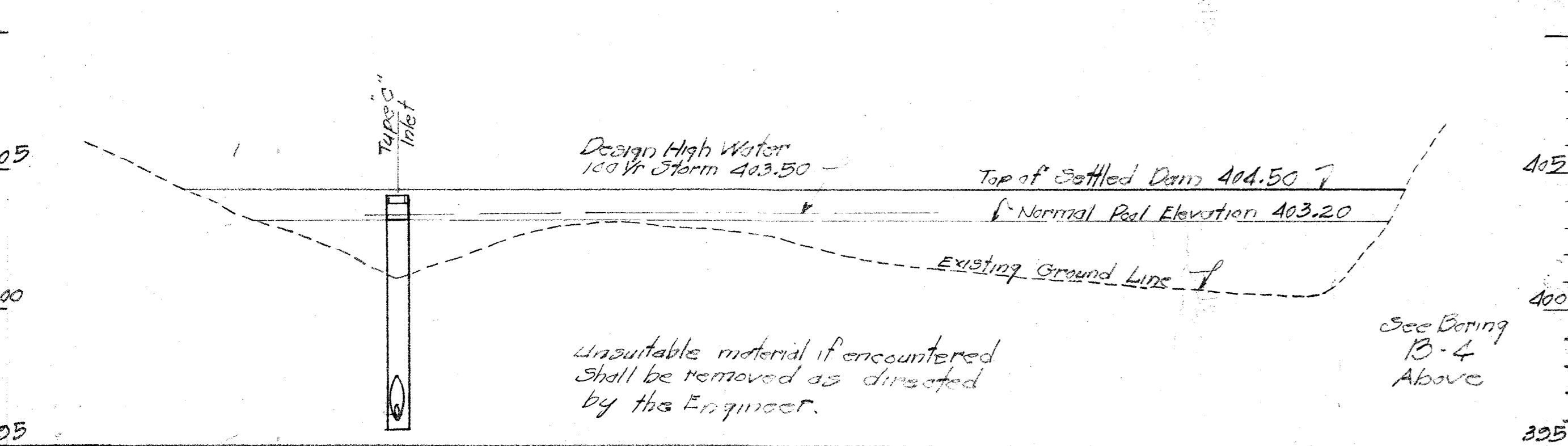
APPROVED For Public Water & Public Sewerage Systems
 HOWARD COUNTY HEALTH DEPARTMENT
 [Signature] 1-5-78
 Date

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 [Signature] 1-9-78
 Date

APPROVED For Public Water, Public Sewerage and Storm Drainage Systems and Roadways
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 [Signature] 12-10-77
 Date



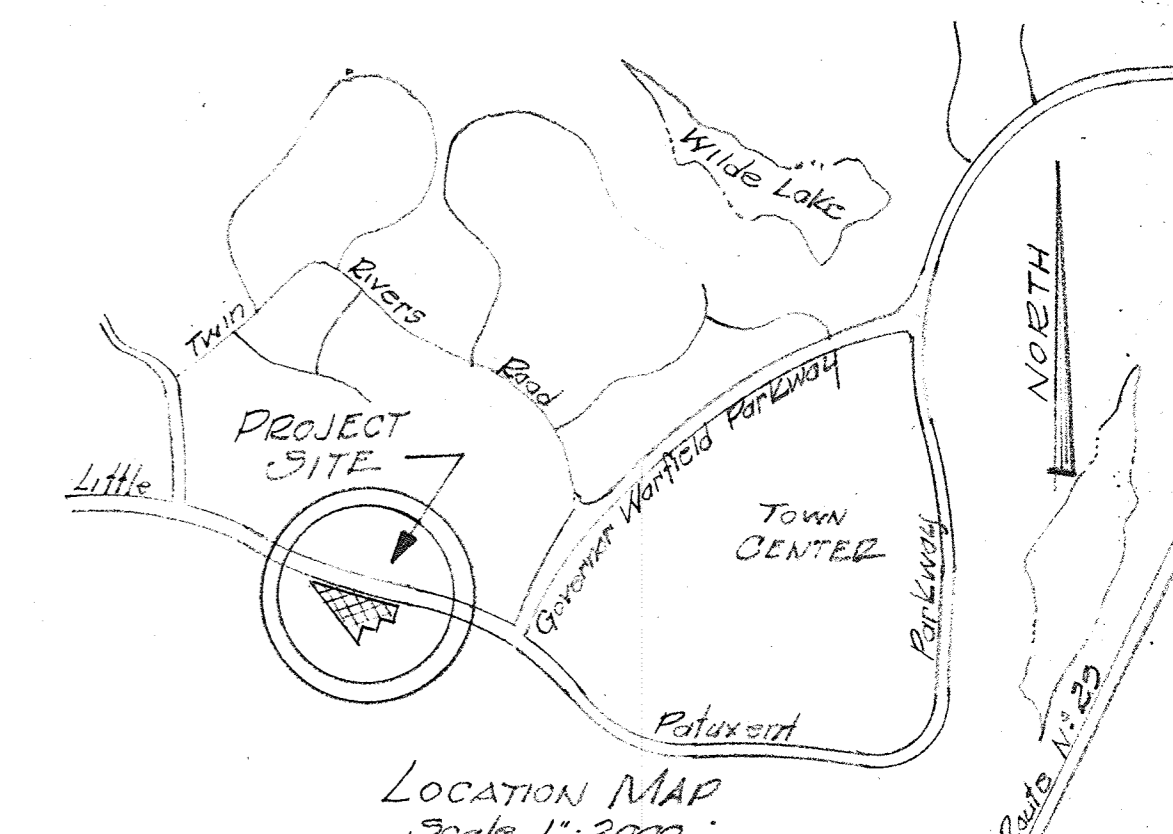
CROSS SECTION OF DAM AND PROFILE OF PRINCIPAL & EMERGENCY SPILLWAY
 Scale: Hor 1" = 4', Vert 1" = 4'



PROFILE ALONG CENTERLINE OF DAM
 Scale: Hor 1" = 20', Vert 1" = 4'

Reviewed for Howard S.C.D. and meets Technical Requirements
 C. Wayne Ray, Date 12/20/77
 Signature
 U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 Approved: Wes Epp, Date 12-20-77
 Howard S.C.D.



APPROVED PLANNING BOARD OF HOWARD COUNTY
 DATE 11-8-77
 [Signature]

STORM WATER MANAGEMENT
 GREMPLE REALTY, INC. OFFICE BUILDING
 LITTLE PATUXENT PARKWAY
 COLUMBIA, MARYLAND
 5th Election District
 Scale: As Shown
 Howard County, Maryland
 October 13, 1977
 Resubdivision Parcel C
 Town Center Section G Area 2
 Lot C-1 Plat Book 26 47
 OWNER: Grempler Realty, 400 East Joppa Road, Towson, MD 21204, Phone 825-6400
 DWG 5D-2 of 2
 SDP-77-106c

