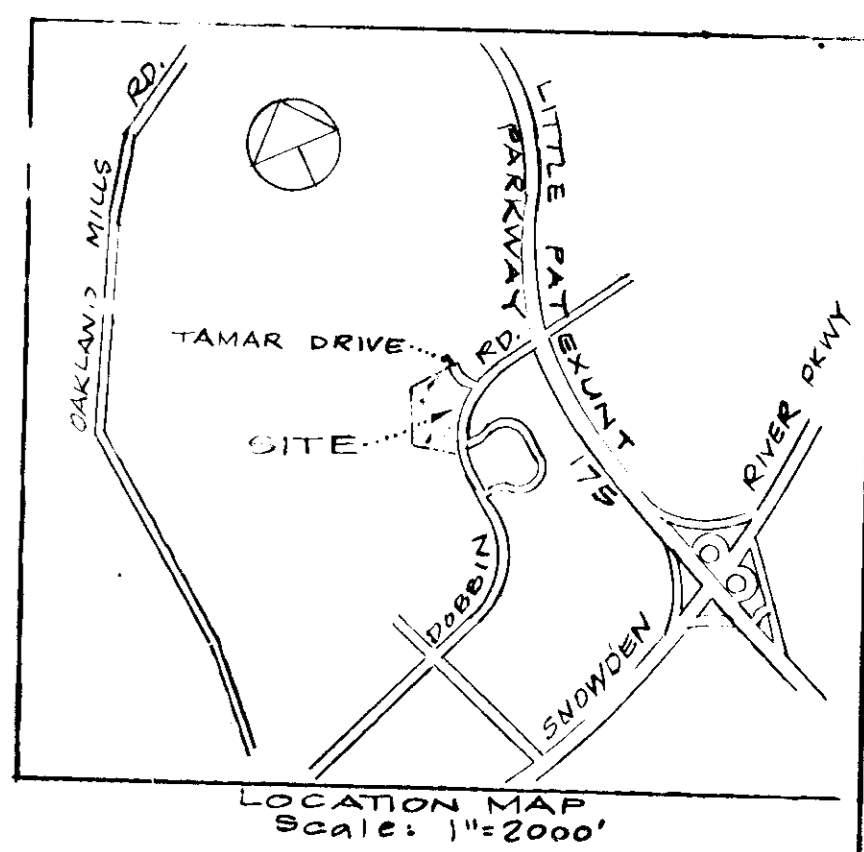
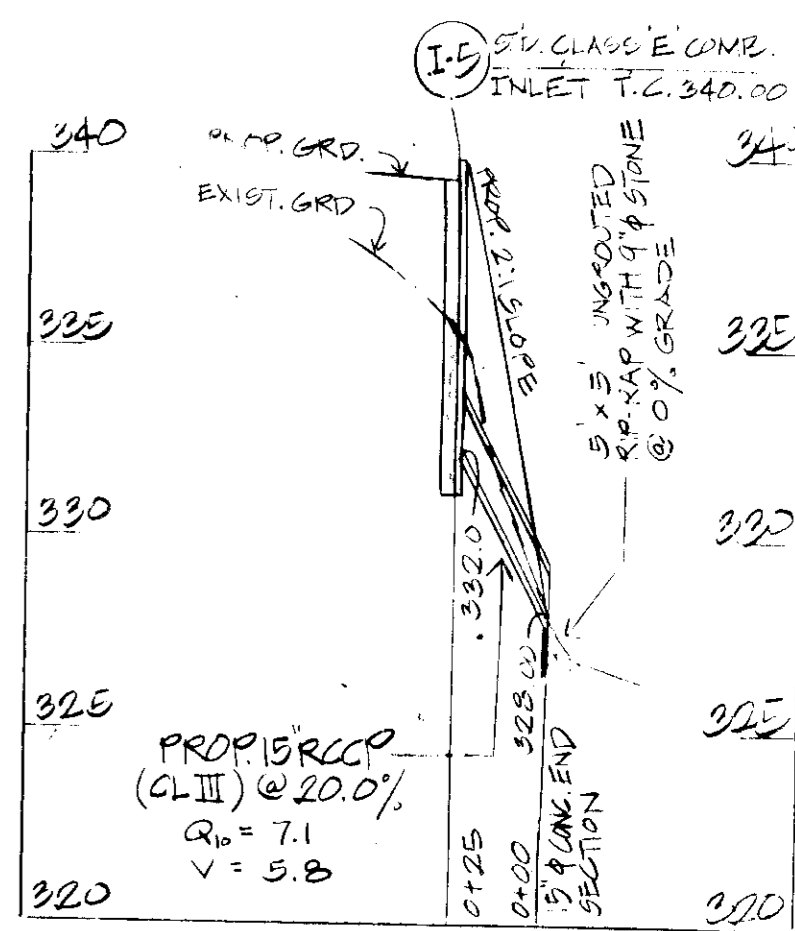
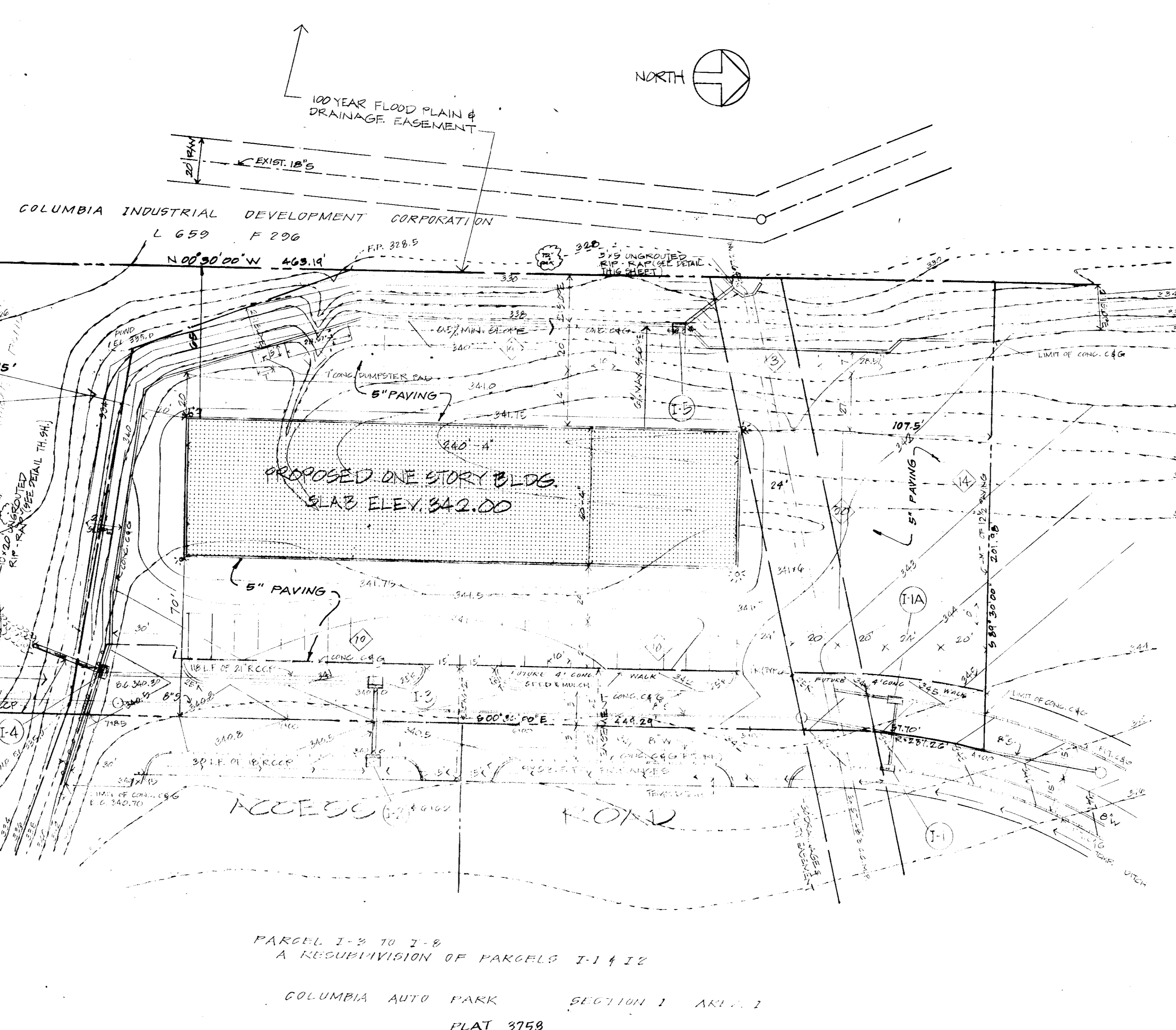
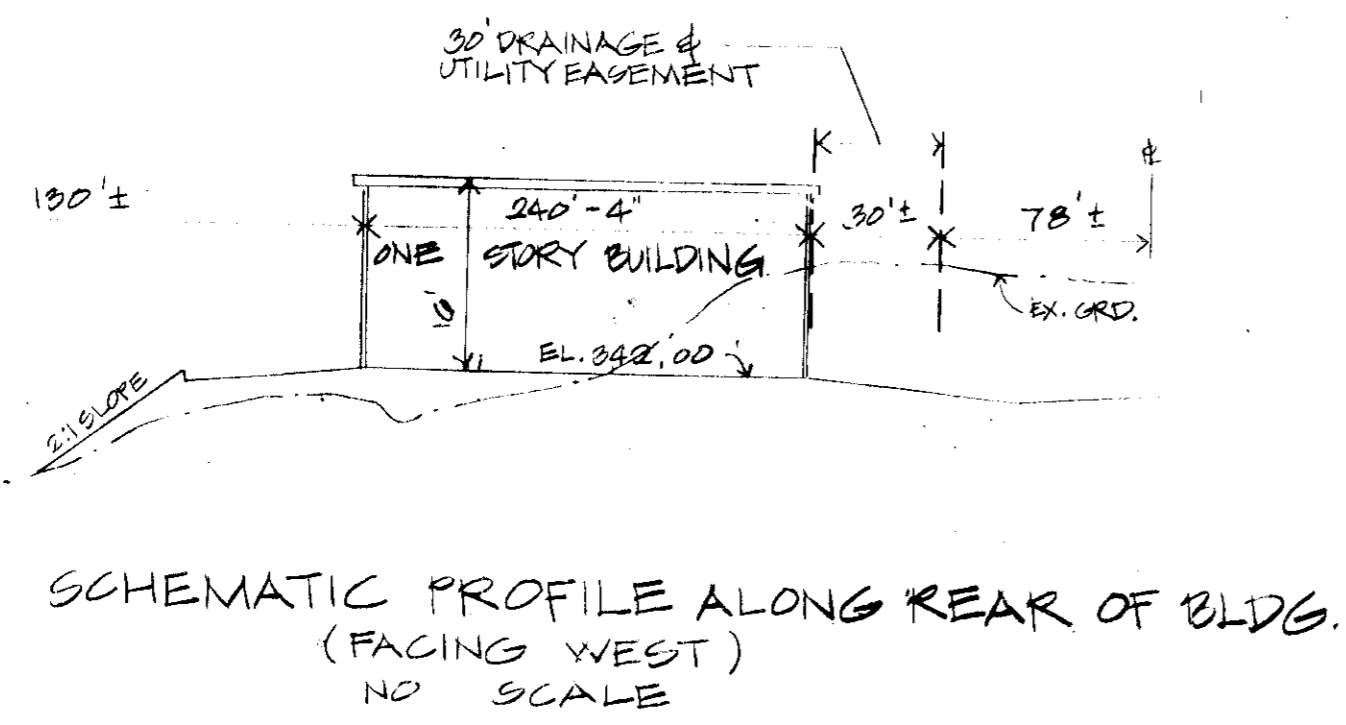


APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 8-19-77
 County Health Officer

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 8-19-77
 Planning Director

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS, PRIVATE ACCESS EASEMENT-DEPT. OF PUBLIC WORKS
 8-11-77
 Director



NOTE:
 1. FOR TRAP ACCESS ROAD GRADES & STORM DRAIN PROFILES SEE HOWARD COUNTY FINAL APPROVED HIGHWAY DESIGNING DRAWING D-68 ON PAGE 123.
 2. FOR GLASS BLOCK INLET SEE HOWARD CO. S.D. DETAILING DRAWING D-68 ON PAGE 123.
 3. FOR CONC. END SECTION SEE MD. S. 1-A, STD DET. NO. 308.01

APPROVED
 BOARD OF PUBLIC WORKS
 DATE 8-3-77

AUTO SERVICE & REPAIR FACILITY	
TAX MAP No. 36	
RECORD PLAT: 3758	
REV. DATE	NO.
8-1-77	2
7-5-77	1
REV. DATE	NO.
NO.	DESCRIPTION
2	REVISE LOCATION OF S.W.M. POND
1	ADDED S.W.M. MANAGEMENT POND

SITE DEVELOPMENT PLAN
 PARCEL I-6
 COLUMBIA AUTO PARK
 SECTION I AREA I ELECTION DISTRICT No. G
 HOWARD COUNTY MARYLAND
 DATE 6-15-77 SCALE: 1\"/>

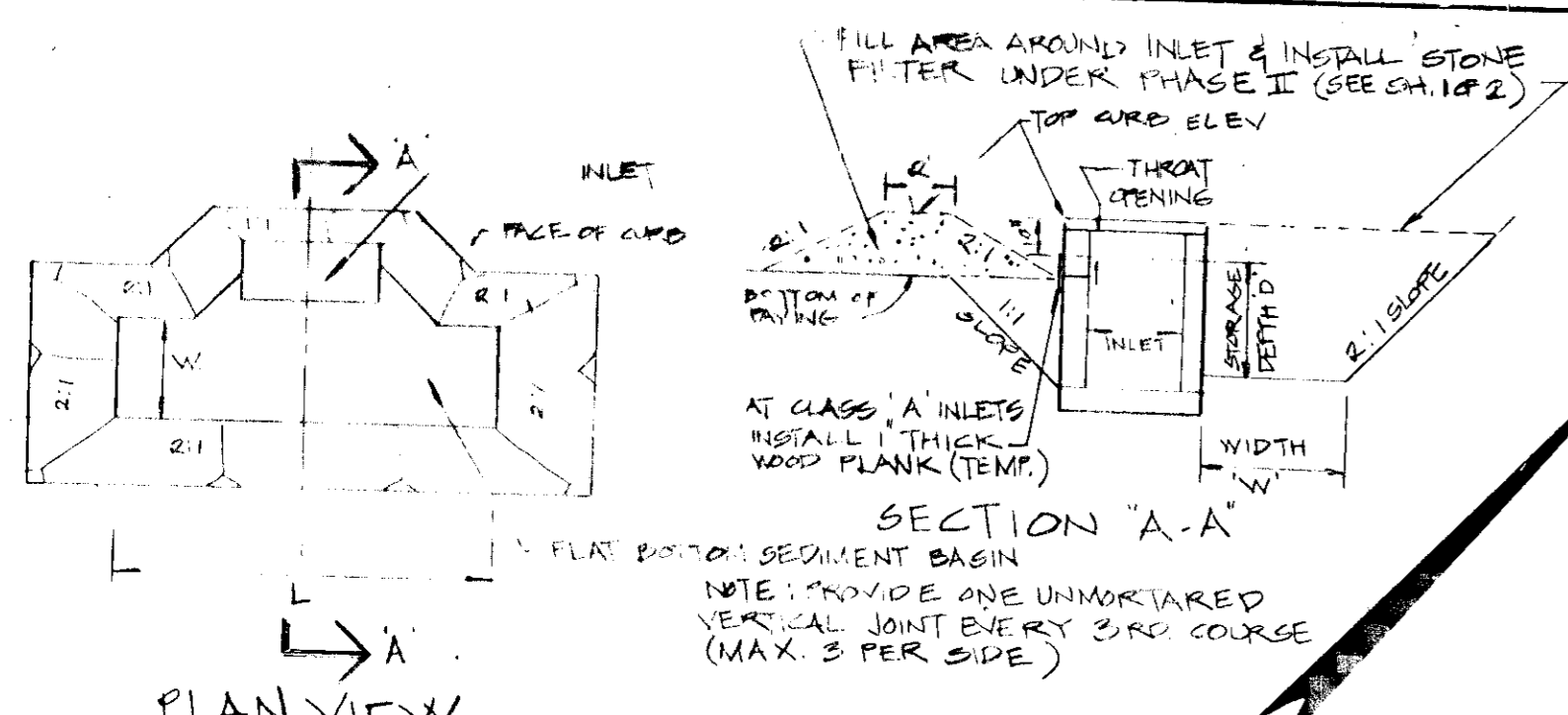
REVIEWED FOR HOWARD SOIL CONSERVATION AND MEETS TECHNICAL REQUIREMENTS:
 C. Wayne Ray 8/11/77
 U.S. SOIL CONSERVATION SERVICE DATE

OWNER AND DEVELOPER
 PATUXENT INVESTMENT CORP.
 90 McManis Lacey
 5411 Storm Drive
 Columbia, Md. 21045
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 John D. Myles 8-11-77
 APPROVED HOWARD S.C.D. DATE

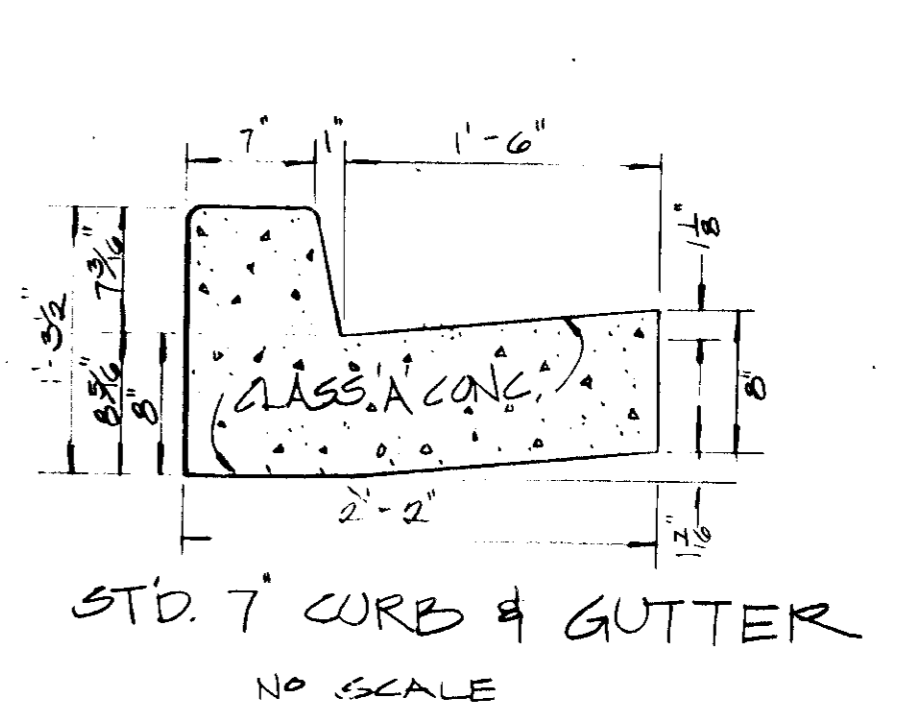
I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION & SEDIMENT CONTROL AND I ALSO AUTHORIZE PERIODIC ON SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS THEY ARE DEEMED NECESSARY.
 Manuel Hageras 8/19/77
 DEVELOPER DATE

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.
 Robert Mahmud 4-5-77
 ENGINEER DATE

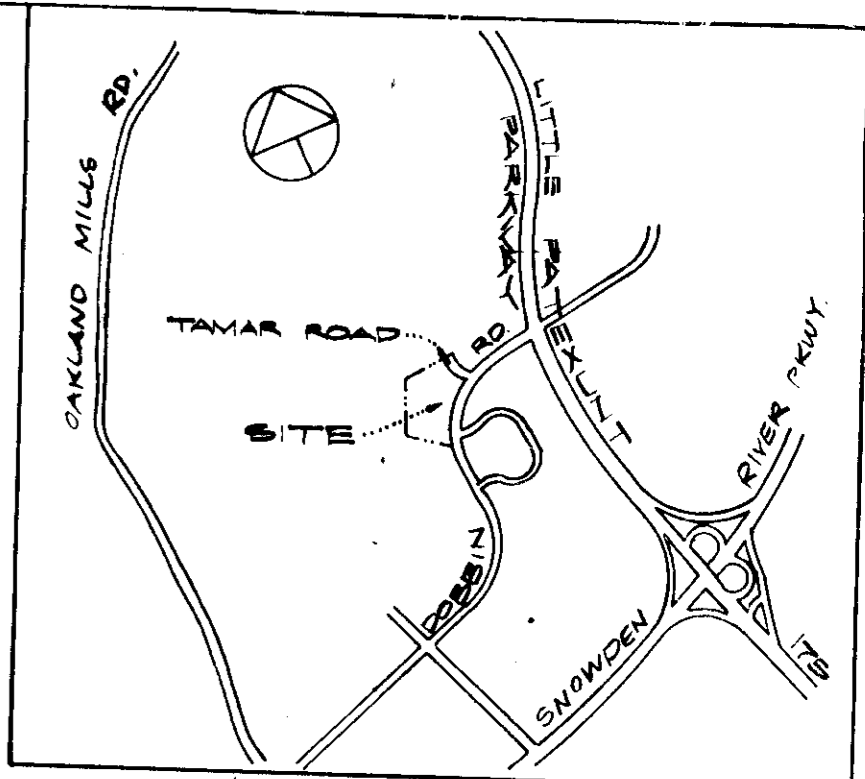
PREPARED BY
 H. MALMUD & ASSOC. INC.
 8815 MEADOW HEIGHTS RD.
 RANDALLSTOWN, MD. 21133
 TELEPHONE (301) 655-6465



PLAN VIEW
TEMP. SEDIMENT BASIN @ ALL INLETS
NO SCALE
NOTE: EXACT LOCATION TO MEET FIELD CONDITIONS



STD. 7 CURB & GUTTER
NO SCALE



LOCATION MAP
SCALE: 1" = 200'
BENCH MARK '60 ELEV. 334.93
+ CUT OPPOSITE F.H. DOBBIN RD. STA. 60+39

COLUMBIA INDUSTRIAL DEVELOPMENT CORPORATION
L. 6559 F 236

SEDIMENT BASIN DATA

INLET NO.	I-1	I-2	I-3	I-4	I-5
INLET TO EL.	342.6	340.6	342.0	340.9	340.0
INLET THROAT EL.	343.0	340.0	342.0	340.9	339.4
DOT. EL. SED. BASIN	339.0	338.0	337.0	338.3	334.4
STORAGE DEPTH 'D' (FT)	4	2	3	2	5
DOT. WIDTH (FT)	14	10	20	10	20
DOT. LENGTH 'L' (FT)	14	15	20	10	20
DRAINAGE AREA (AC)	1.66	1.91	1.12	0.61	2.47
DISTURBED AREA (AC)	1.00	0.27	1.12	0.20	2.47
STORAGE REQ'D (CY)	67	18	75	13	165
STORAGE PROVIDED (CY)	71	20	75	14	165
CLEANOUT ELEV.	341.0	339.0	338.5	338.0	335.0

* DISTURBED AREA X GTC/AKRE

SEDIMENT CONTROL NOTES

1. EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED PRIOR TO GENERAL SITE GRADING.
2. ALL FILLS TO BE BERMED AT TOP AFTER EACH WORKING DAY, UNTIL READY TO BE LEFT ROUGH TO PREVENT UNDER EROSION.
3. LOCATION OF TEMPORARY FIELDS ARE APPROXIMATE AND SHALL MEET FIELD CONDITIONS.
4. ADDITIONAL SEDIMENT CONTROL MEASURES MAY BE REQUIRED BY FIELD CONDITIONS.
5. SITE ANALYSIS:

PARCEL	TOTAL	DISTURBED	STABILIZED	PAVEMENT
I-3	1.79	1.00	0.81	0.15
I-4	0.92	0.82	0.76	0.06
I-5	1.15	1.10	1.06	0.06
I-6	2.17	1.75	0.20	1.55
I-7	1.82	0.22	0.06	0.06
I-8	1.15	0.15	0.09	0.06
TOTAL	9.00	5.04	3.10	1.94

6. TEMPORARY AND PERMANENT SEEDING AND SOILING SHALL CONFORM WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. SEE PAGES 50.01 THRU 50.04 OF THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS DATED JULY 1975.
7. PERMANENT SLOPES SHALL NOT EXCEED 3:1 UNLESS OTHERWISE SPECIFIED. ALL SLOPES SHALL BE STABILIZED WITH GRASS SEEDING AND MULCH. ALL SLOPES SHALL BE STABILIZED WITH GRASS SEEDING AND MULCH. ALL SLOPES SHALL BE STABILIZED WITH GRASS SEEDING AND MULCH.
8. ALL SLOPES SHALL BE STABILIZED WITH GRASS SEEDING AND MULCH. ALL SLOPES SHALL BE STABILIZED WITH GRASS SEEDING AND MULCH.
9. ALL SLOPES SHALL BE STABILIZED WITH GRASS SEEDING AND MULCH. ALL SLOPES SHALL BE STABILIZED WITH GRASS SEEDING AND MULCH.
10. ALL SLOPES SHALL BE STABILIZED WITH GRASS SEEDING AND MULCH. ALL SLOPES SHALL BE STABILIZED WITH GRASS SEEDING AND MULCH.

CONSTRUCTION SEQUENCE

PHASE I

1. CONTRACTOR SHALL CONTACT HOWARD COUNTY DEPARTMENT OF INSPECTIONS (PHONE 465-8000 EXT. 301) AND HOWARD SOIL CONSERVATION DISTRICT (PHONE 465-3180) A MINIMUM OF 48 HOURS BEFORE STARTING CONSTRUCTION.
2. INSTALL STONE CONSTRUCTION ENTRANCE AND CONSTRUCTION ENTRANCE.
3. INSTALL CURB & GUTTER AT 'I-4' AND 'I-5'. BUILD INLETS AND CONSTRUCT SEDIMENT TRAPS.
4. INITIAL BALANCE OF STORM DRAIN SYSTEM AND EXISTING INLET SEDIMENT TRAP (SEE DETAIL THIS SHEET).
5. COMPLETE SITE GRADING AND INSTALL WATER MAIN AND SANITARY SEWER.
6. INSTALL STONE SUBBASE MATERIAL UNDER PROPOSED PAVING AND BUILDING SLAB. STABILIZE ALL DISTURBED AREAS BEYOND PROPOSED PAVING (SEE SEDIMENT CONTROL NOTE #5).
7. CONSTRUCT BUILDING ON PARCEL 'I-6'.

PHASE II (AFTER AREA IS STABILIZED)

8. FILL INLET SEDIMENT TRAPS.
9. INSTALL BITUMINOUS CONCRETE PAVING SECTION WITH ACCESS ROAD AND PARKING AREAS.

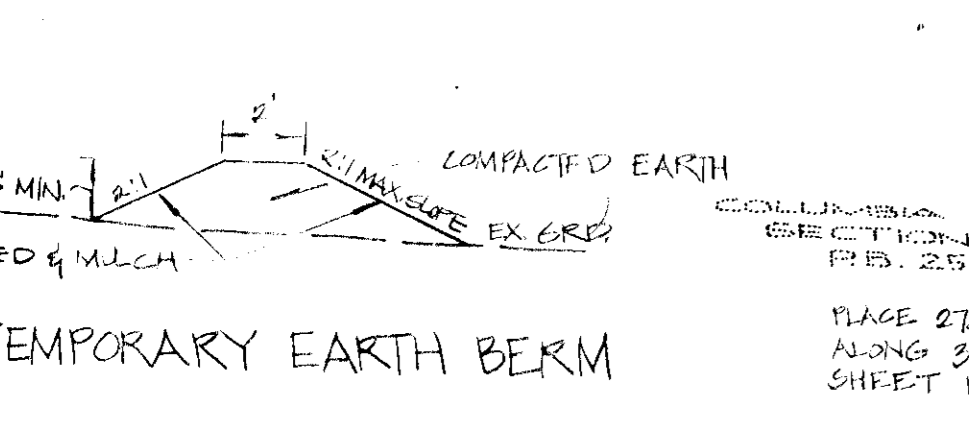
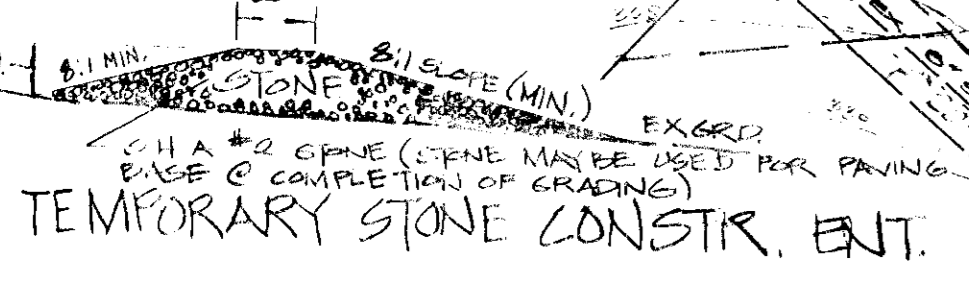
SITE ANALYSIS

- A. AREA OF PARCEL 1.00 ACRES (AREA PARCEL I-6: 2.17 AC)
- B. PRESENT ZONING: INDUSTRIAL EMPLOYMENT CENTER (SEE PERMITTED IN R-198 & 2 DISTRICTS)
- C. FDP # 132-A
- D. TOTAL PAVED AREA: 12
- E. RETAIL SALES AREA: N/A
- F. OFFICE AREA: N/A

GENERAL NOTES

1. TOPOGRAPHY SHOWN TAKEN OCT. 1976 EXISTING CONDITIONS.
2. PROPOSED CONTOURS: 5'.
3. PROPOSED DOT ELEV. 334.8
4. TAX MAP: 36 P. 27 F. 100.8
5. DEED REFERENCE: 75/068 & 69/141
6. EXISTING ZONING: EMPLOYMENT CENTER COMMERCIAL
7. USE: AUTO SERVICE CENTER
8. PARKING FOR PARCEL 'I-6': 50 SPACES PER 500 S.F. OF GROSS FLOOR AREA. 20 FT BRACES REQUIRED; 72 PROVIDED. PARKING SHALL BE PROVIDED IN CONFORMANCE WITH 50' PRIVATE ACCESS EASEMENT UNLESS APPROVED BY OFFICE OF PLANNING & ZONING & DEPT. OF PUBLIC WORKS.
9. PARCELS SHOWN ON THIS PLAN ARE SUBJECT TO THE EXECUTIVE ORDER NO. 78-9 ESTABLISHMENT OF SUPPLEMENTAL SEWER IN-AREA OF CONSTRUCTION CHARGE.
10. SEE SHEET OF 2 FOR ACCESS ROAD TYPICAL SECTIONS.
11. FOR PROPOSED WATER MAIN & SANITARY SEWER SEE HOWARD COUNTY FINAL APPROVED DRAWING.
12. OUTSIDE LIGHTING TO BE PROVIDED IN ACCORDANCE WITH H.R.V. DEVELOPMENT GUIDELINES (EFFECTIVE 1/75).
13. No fencing will be provided.

STORM WATER MANAGEMENT ROAD WITH 40,000 G.P. STORAGE AND 15" DRAINAGE PIPE & 24" RISER (SEE SWAMP PLAN FOR DETAILS) DRAINAGE AREA 5.0 ACRES



APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 Approved: *James H. ...* 8-19-77
 Planning Director

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 Approved: *...* 8/19/77
 Chief, Division of Land Development

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS, STATE ACCESS EASEMENT - DEPT. OF PUBLIC WORKS
 Approved: *...* 8/19/77
 Chief, Bureau of Highways

REVIEWED FOR HOWARD SOIL CONSERVATION AND MEETS TECHNICAL REQUIREMENTS:
C. Wayne Ray 8/11/77
 U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
John D. Myers 8/11/77
 APPROVED HOWARD S.C.D. DATE

I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION & SEDIMENT CONTROL AND I ALSO AUTHORIZE PERIODIC ON SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS THEY ARE DEEMED NECESSARY.
Manuel H. ... 5/19/77
 DEVELOPER DATE

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.
Herbert Mahmud 4-5-77
 ENGINEER DATE

PREPARED BY
H. MALMUD & ASSOC. INC.
 8815 MEADOW HEIGHTS RD.
 RANDALLSTOWN, MD. 21133
 TELEPHONE (301) 655-6465

PARCEL 'I-6' AUTO SERVICE & REPAIR FACILITY
 TAX MAP No. 36 RECORD PLAT 3758

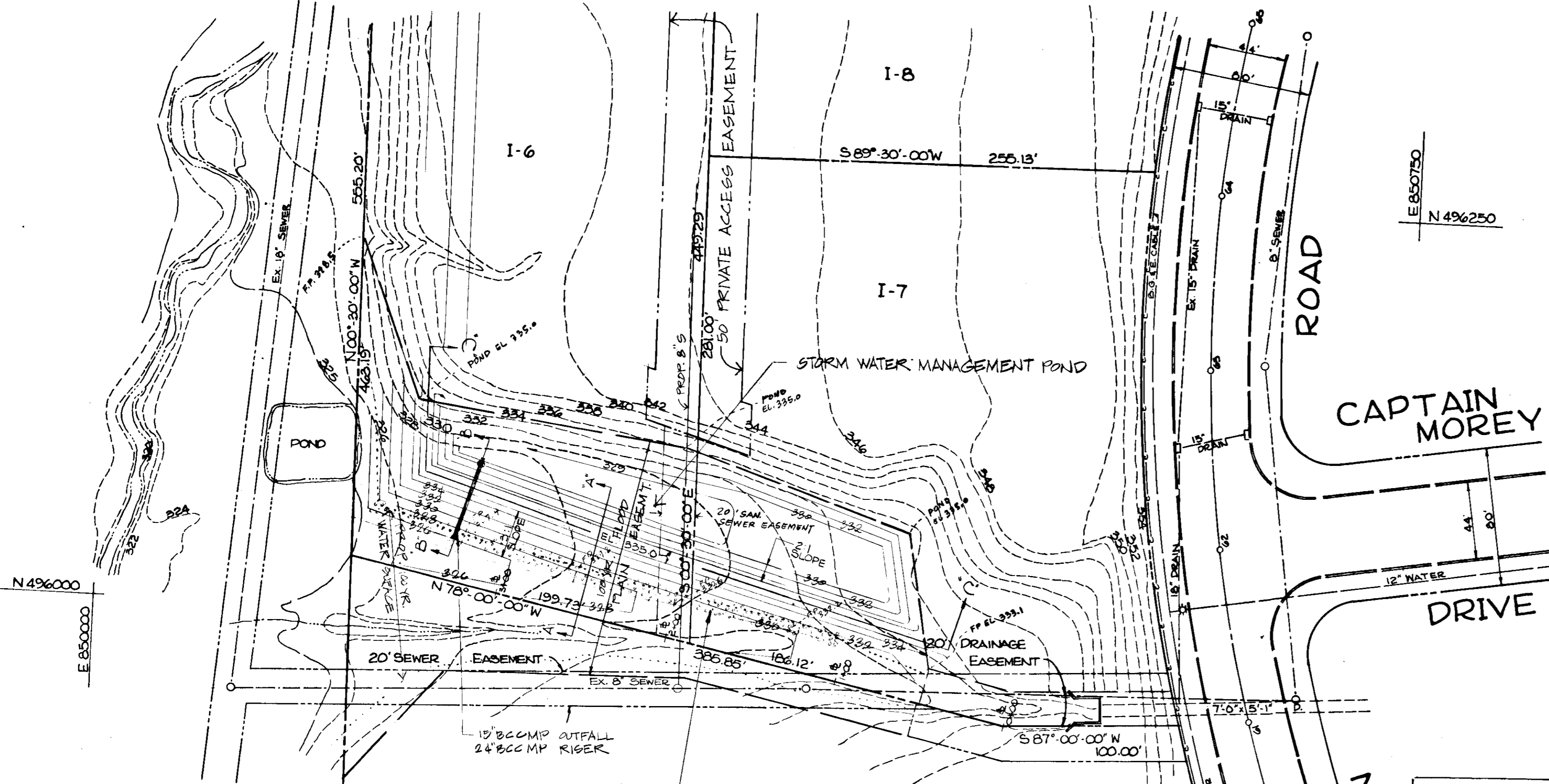
REV. DATE	NO.	REVISION	DESCRIPTION
8-1-77	2	REVISE LOCATION OF SWAMP POND	
7-5-77	1	ADDED SW. MANAGEMENT FENCE	

SITE DEVELOPMENT PLAN
 MASTER: GRADING & SEDIMENT CONTROL PLAN
COLUMBIA AUTO PARK
 SECTION 1 AREA 1 SECTION DISTRICT No. 6
 HOWARD COUNTY MARYLAND
 DATE 6-15-77 SCALE: 1" = 50' SHEET 2 OF 4
 SDP-77-75c

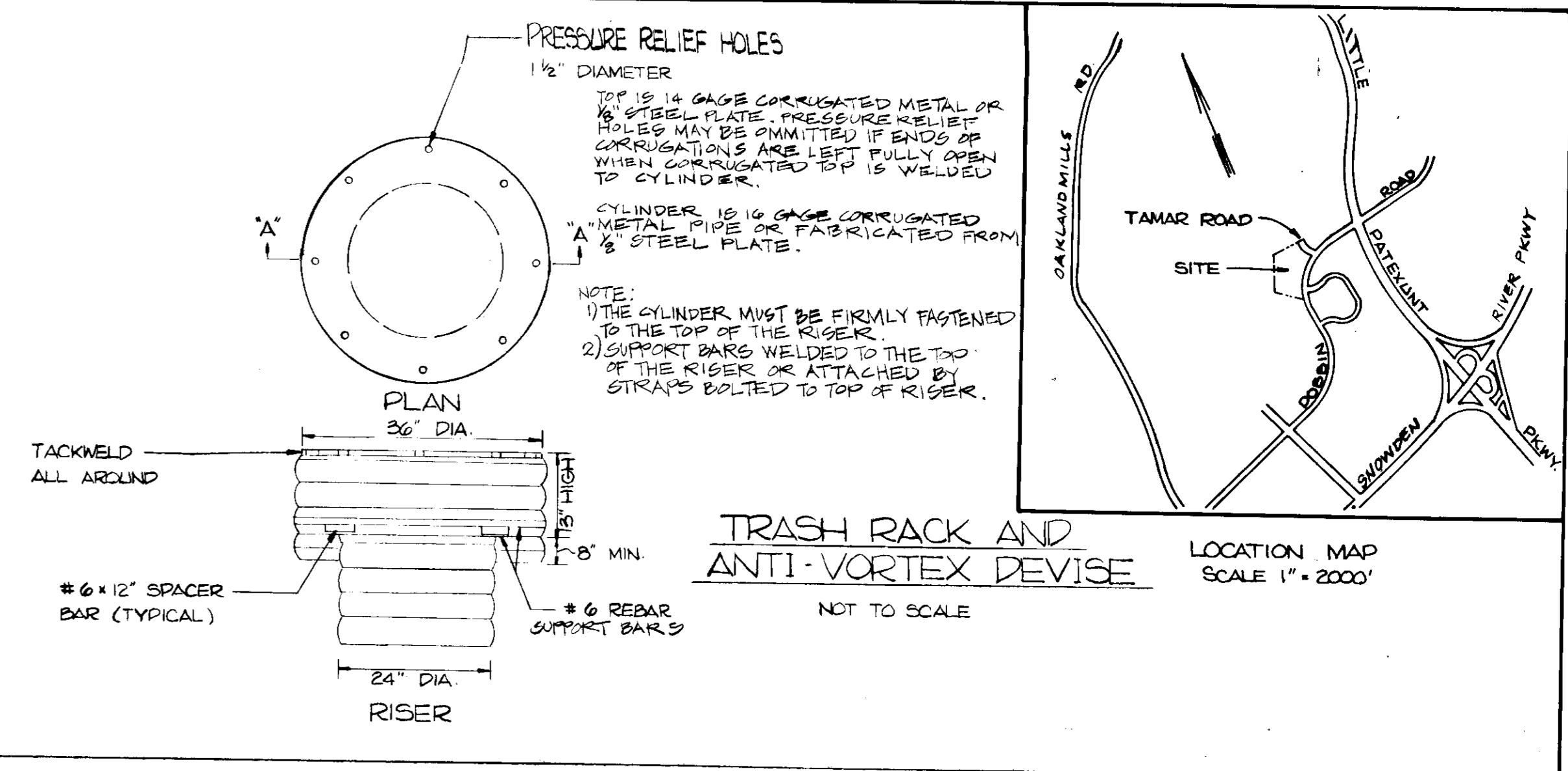
OWNER & DEVELOPER
 INVESTMENT CORP.
 5411 Storm Drift
 Columbia, Md. 21045



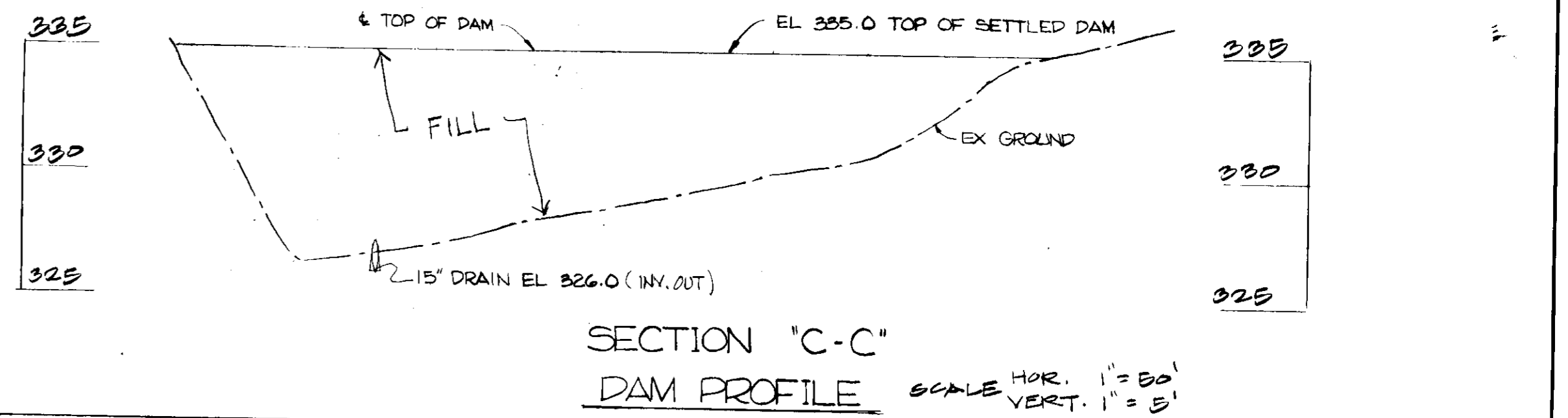
COLUMBIA AUTO PARK
OWNER: PATUXENT INVESTMENT CORP.



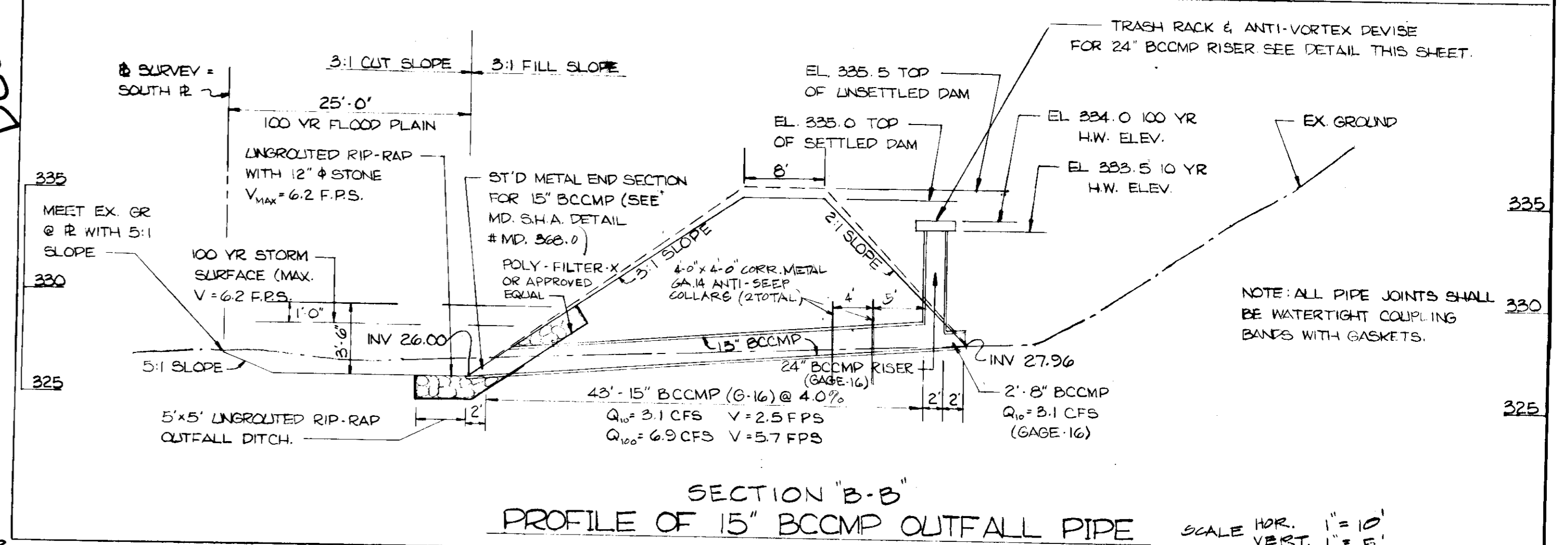
PLAN
SCALE 1"=50'



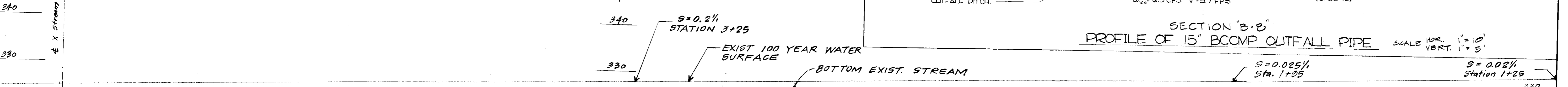
TRASH RACK AND ANTI-VORTEX DEVICE
NOT TO SCALE



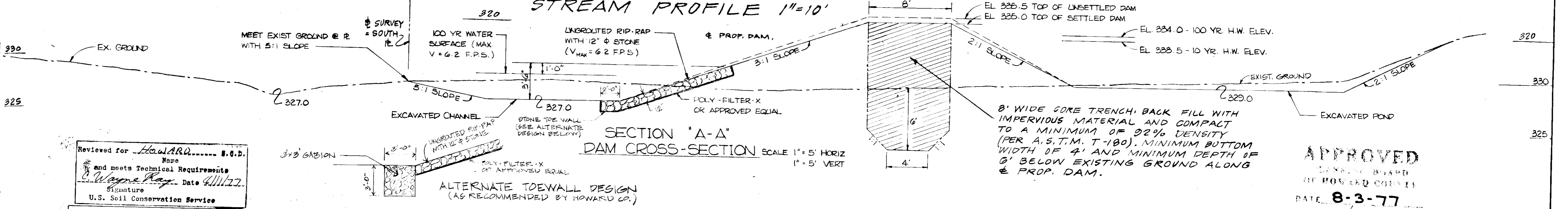
SECTION 'C-C'
DAM PROFILE
SCALE HOR. 1"=80'
VERT. 1"=5'



SECTION 'B-B'
PROFILE OF 15" BCCMP OUTFALL PIPE
SCALE HOR. 1"=10'
VERT. 1"=5'



STREAM PROFILE 1"=10'



SECTION 'A-A'
DAM CROSS-SECTION
SCALE 1"=5' HORIZ
1"=5' VERT

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 8-19-77
County Health Officer
Date

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
[Signature] 8/18/77
Planning Director
Date

APPROVED: FOR PUBLIC WATER PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS & PRIVATE ACCESS EASEMENTS, DEPT. OF PUBLIC WORKS.
[Signature] 8-19-77
Director
Date

OWNERS CERTIFICATION
LAND CLEARING AND CONSTRUCTION OF THIS DEVELOPMENT WILL BE COMPLETED PURSUANT TO THIS PLAN.
[Signature]
VICE-PRESIDENT
AUG. 5, 1977
DATE

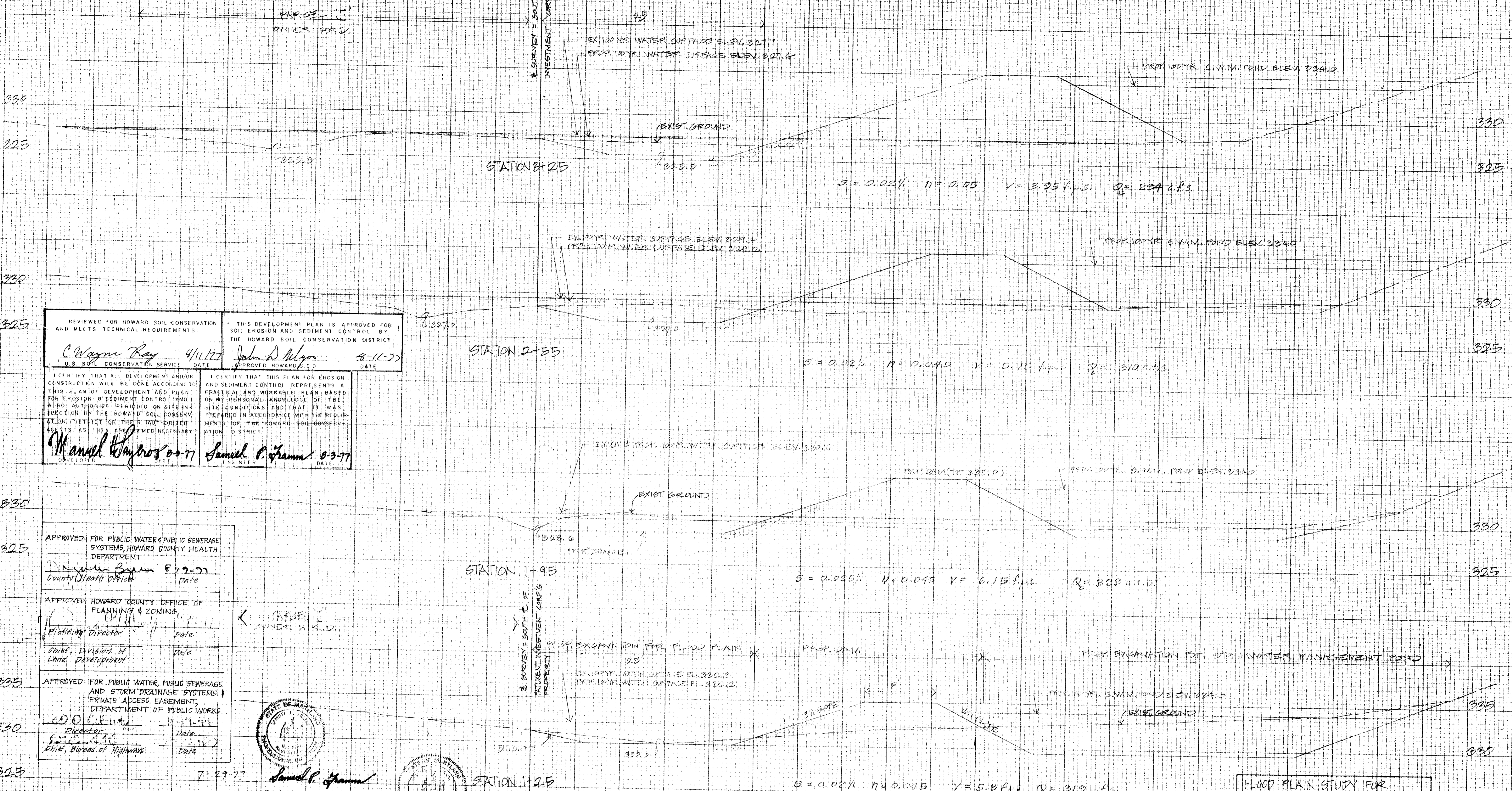
SOIL CONSERVATION DISTRICT
APPROVED FOR SMALL POND:
[Signature]
DATE

PLAN CERTIFICATION
I HEREBY CERTIFY THE PLANS AND SPECIFICATIONS FOR THIS SMALL POND WERE PREPARED BY OR UNDER MY SUPERVISION, AND MEET THE MINIMUM STANDARDS OF THE HOWARD SOIL CONSERVATION DISTRICT. I ALSO WILL BE RESPONSIBLE FOR THE SUPERVISION OF THE POND CONSTRUCTION AND THE PREPARATION OF "AS-BUILT" PLANS.
[Signature]
DATE

H. MALMUD & ASSOCIATES, INC.
8815 MEADOW HEIGHTS RD.
RANDALLSTOWN, MD 21133
655-6465

APPROVED
DATE: 8-3-77

STORM WATER MANAGEMENT
COLUMBIA AUTO PARK
SECTION 1 AREA 1
HOWARD COUNTY MARYLAND ELECT. DIST. G
PARCEL I-3 TO I-8
RECORD PLAT: 3758
DATE: AUG. 1, 1977 SCALE: AS SHOWN SHEET 3 OF 4



REVIEWED FOR HOWARD SOIL CONSERVATION AND METS TECHNICAL REQUIREMENTS
 C. Wayne Ray 4/11/77
 U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 John D. Meyer 8-11-77
 APPROVED HOWARD S.C.D. DATE

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.

Manuel W. Szymanski 8-3-77 DEVELOPER DATE
 Samuel P. Framm 8-3-77 ENGINEER DATE

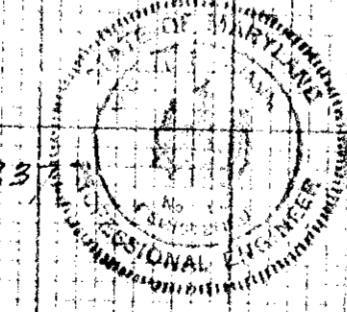
APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 [Signature] 8-17-77
 County Health Officer DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 [Signature] DATE
 Planning Director

Chief, Division of Land Development DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS, PRIVATE ACCESS EASEMENT, DEPARTMENT OF PUBLIC WORKS
 [Signature] DATE
 Director

Chief, Bureau of Highways DATE



FLOOD PLAIN STUDY FOR COLUMBIA AUTO PARK
 PREPARED BY: H. MALMUT & ASSOC. INC.
 DATE: JULY 26, 1977
 SCALE: 1" = 50'
 Sheet 4 of 4

"PERFECT" CROSS SECTION
 10 X 10 - ONE INCH
 EUGENE DIETZEN CO.

PRINTED IN U.S.A.

8-3-77

"PERFECT" CROSS SECTION
 10 X 10 - ONE INCH
 EUGENE DIETZEN CO.

SDP-77-75c