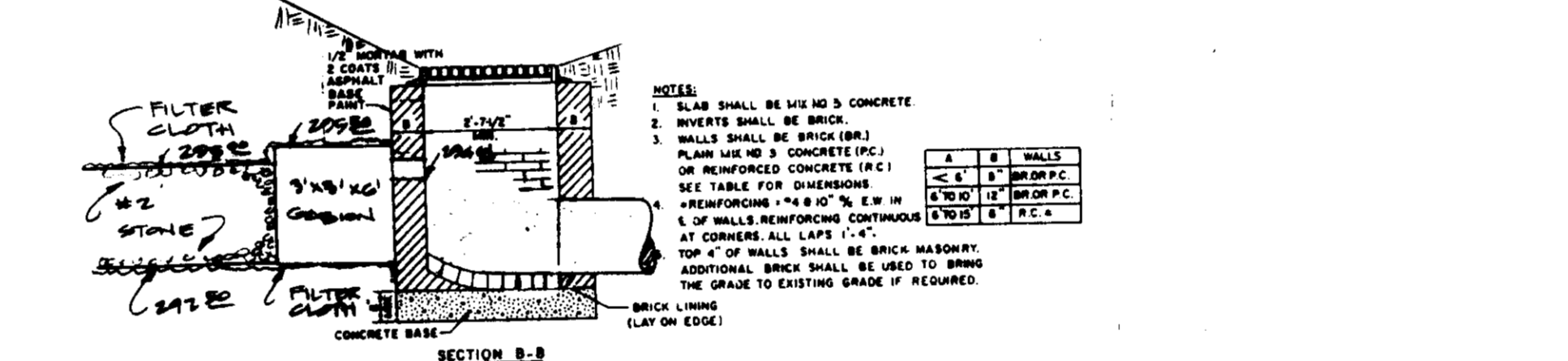
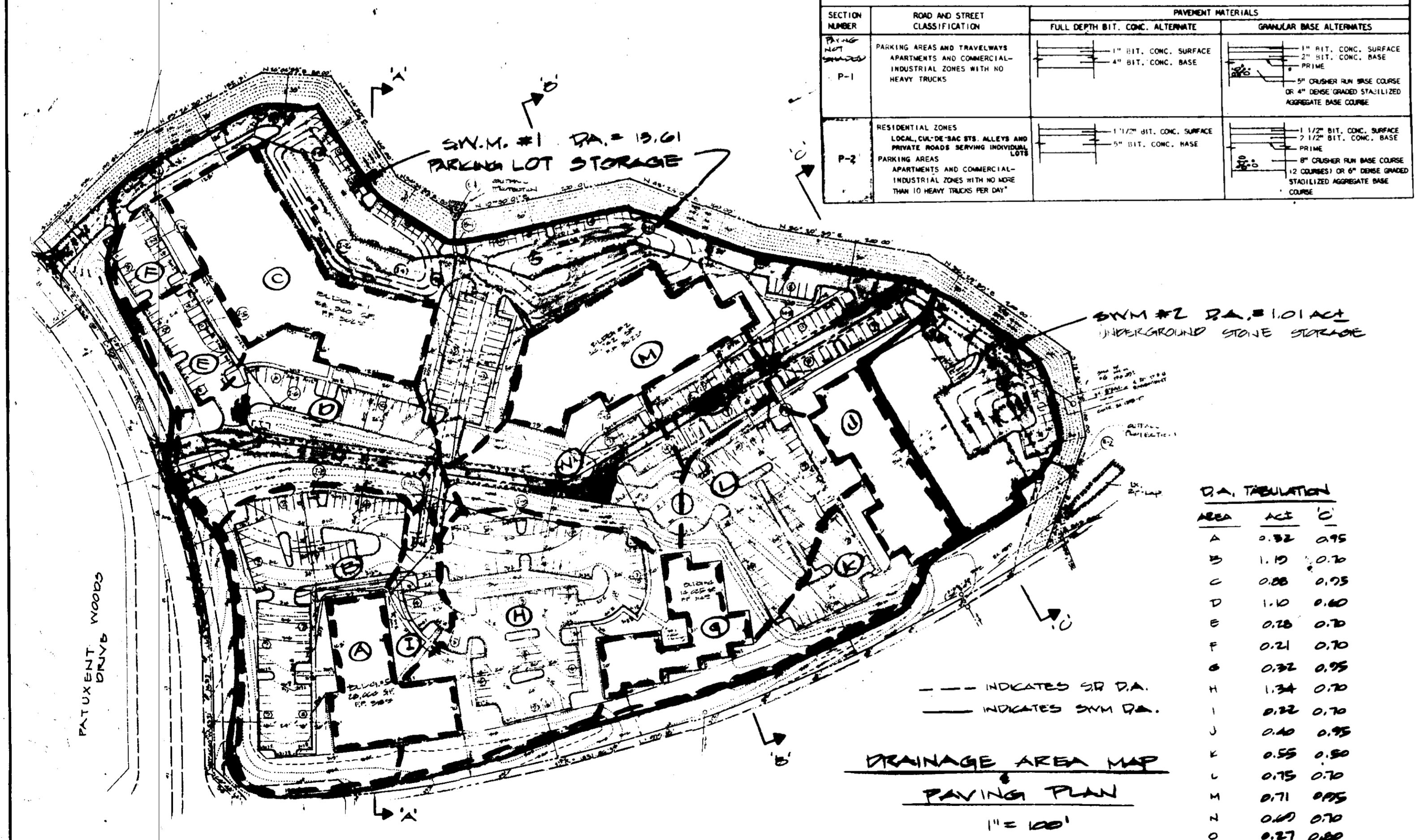
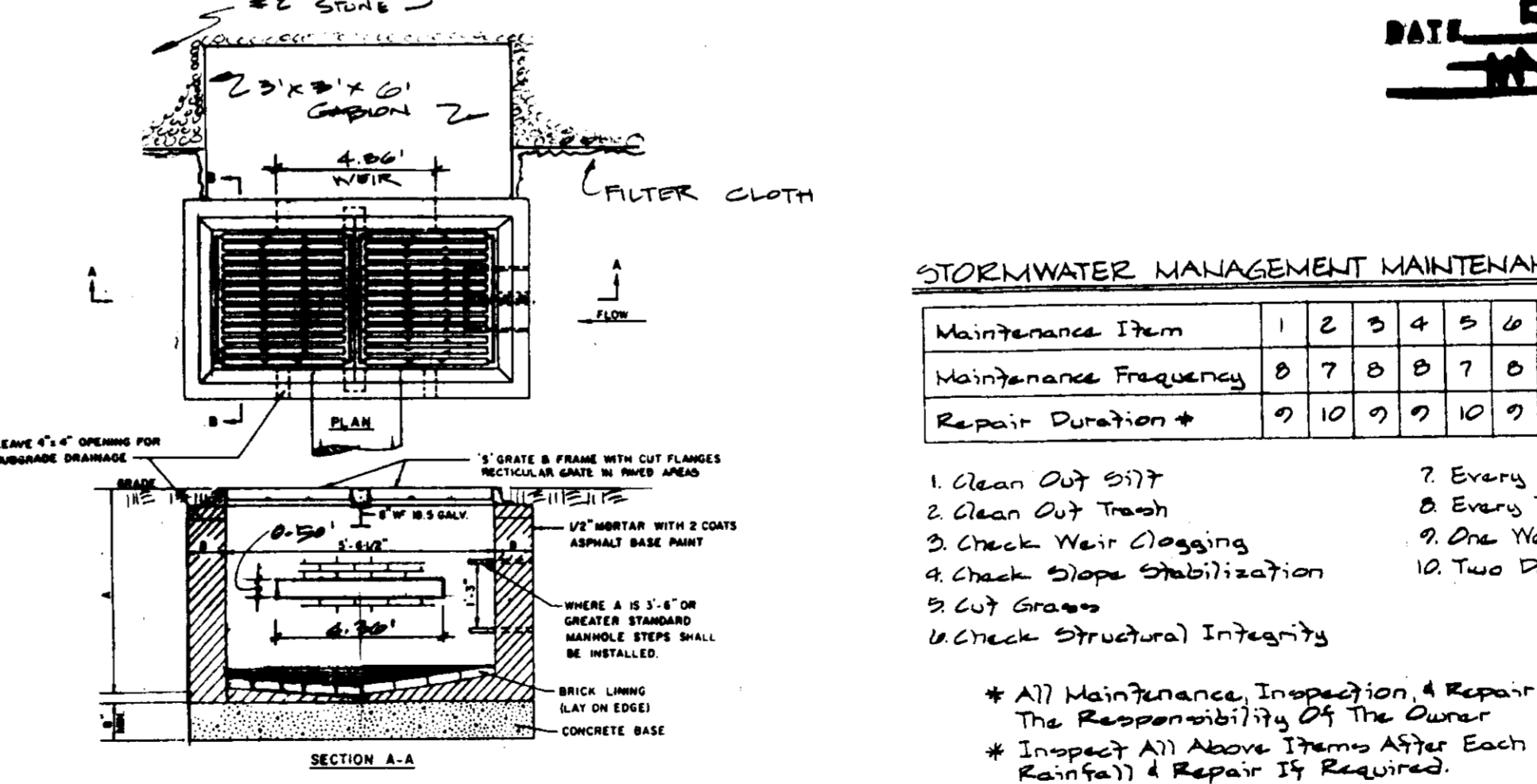


NO.	TYPE	IN IN	IN OUT	IP ELEV.	REMARKS
I-1	24" S.G. GRATE	294.00	293.80	297.00	# HO. CO. STD. 30" A. 22
I-2	24" S.G. GRATE	294.00	294.00	297.00	# HO. CO. STD. 30" A. 22
I-3	24" S.G. GRATE	294.20	294.00	297.00	# HO. CO. STD. 30" A. 22
I-4	24" S.G. COMB.	295.28	295.08	300.60	# HO. CO. STD. 30" A. 24
I-5	24" S.G. COMB.	295.71	295.51	300.60	# HO. CO. STD. 30" A. 24
I-6	24" S.G. COMB.	—	295.97	300.00	# HO. CO. STD. 30" A. 24
I-7	24" S.G. COMB.	294.20	294.10	300.00	# HO. CO. STD. 30" A. 24
I-8	24" S.G. COMB.	—	295.30	300.00	# HO. CO. STD. 30" A. 24
I-9	24" S.G. COMB.	—	295.30	300.00	# HO. CO. STD. 30" A. 24
I-10	24" S.G. GRATE	294.00	293.80	297.00	# HO. CO. STD. 30" A. 22
I-11	24" S.G. GRATE	294.20	294.00	297.00	# HO. CO. STD. 30" A. 22
I-12	24" S.G. COMB.	295.74	295.54	300.00	# HO. CO. STD. 30" A. 24
I-13	24" S.G. COMB.	—	296.00	300.00	# HO. CO. STD. 30" A. 24
I-14	24" S.G. COMB.	295.41	295.21	300.00	# HO. CO. STD. 30" A. 24
I-15	24" S.G. COMB.	—	295.67	300.00	# HO. CO. STD. 30" A. 24
I-16	24" S.G. GRATE	—	295.30	297.00	# HO. CO. STD. 30" A. 22
E-1	TIE 'N' HWL	285.70	285.70	285.50	# HO. CO. STD. 30" A. 11
E-2	TIE 'N' HWL	290.00	290.00	290.00	# HO. CO. STD. 30" A. 11
S-1	18" S.G. GRATE	293.20	292.80	299.00	# HO. CO. STD. 30" A. 15
S-2	18" S.G. GRATE	294.01	293.50	297.00	# HO. CO. STD. 30" A. 15
M-1	SHALLOW MH	294.52	294.32	299.00	# HO. CO. STD. 30" A. 5.05
M-2	SHALLOW MH	294.78	294.78	299.00	# HO. CO. STD. 30" A. 5.05
M-3	SHALLOW MH	295.78	295.58	299.00	# HO. CO. STD. 30" A. 5.05
M-4	SHALLOW MH	294.69	294.49	299.00	# HO. CO. STD. 30" A. 5.05
M-5	SHALLOW MH	295.31	295.11	299.00	# HO. CO. STD. 30" A. 5.05
S-1P	TOP OF GRATE	—	—	—	# HO. CO. STD. 30" A. 15



NOTE: DO NOT PLACE FILTER CLOTH OVER WEIR
 STRUCTURE S-2
 NOT TO SCALE
 OTHER THAN MODIFICATIONS SHOWN; SHALL BE CONSTRUCTED
 IN ACCORDANCE W/ 40. 4.28



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 6/10/85

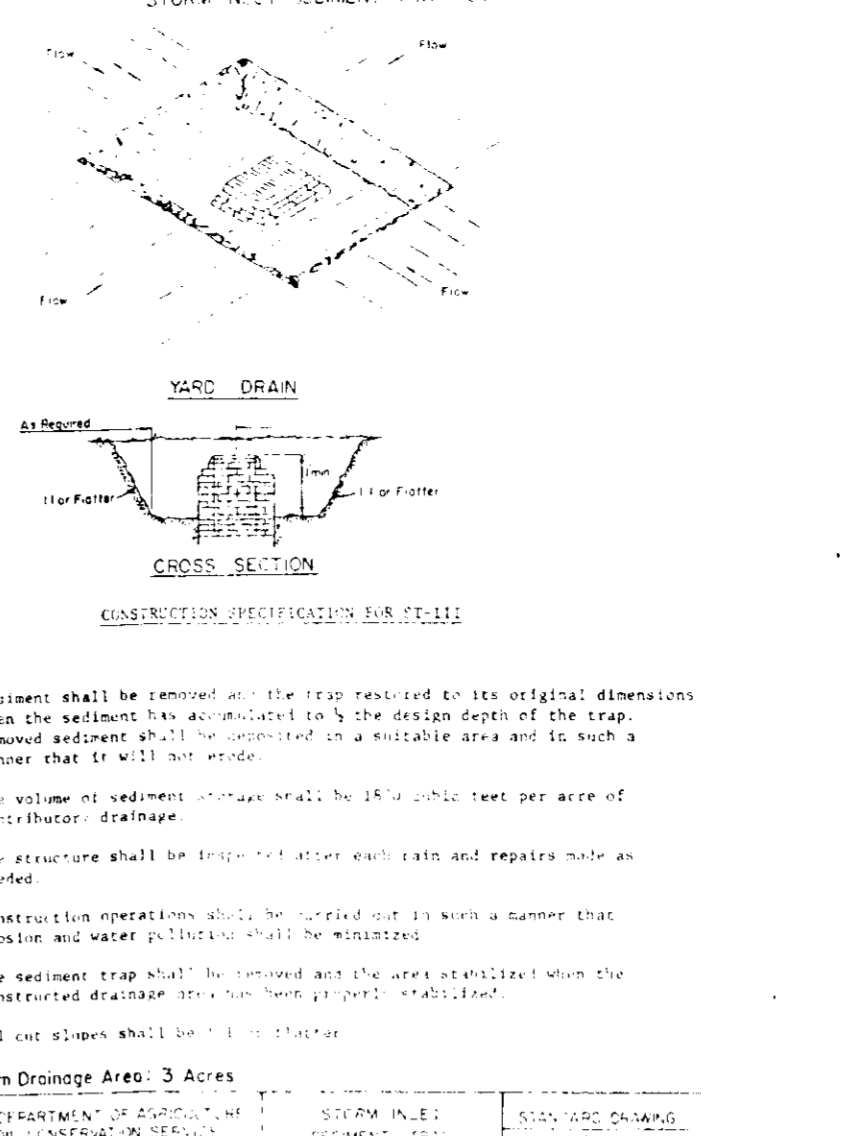
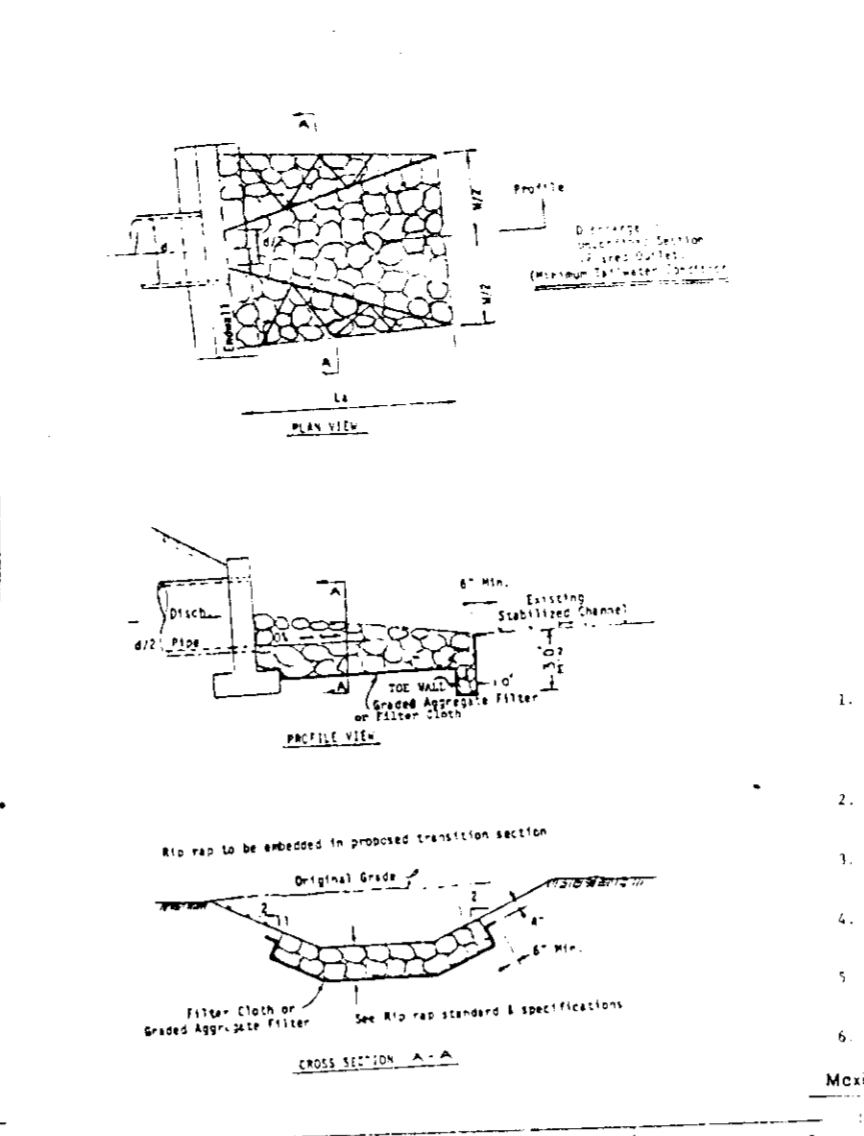
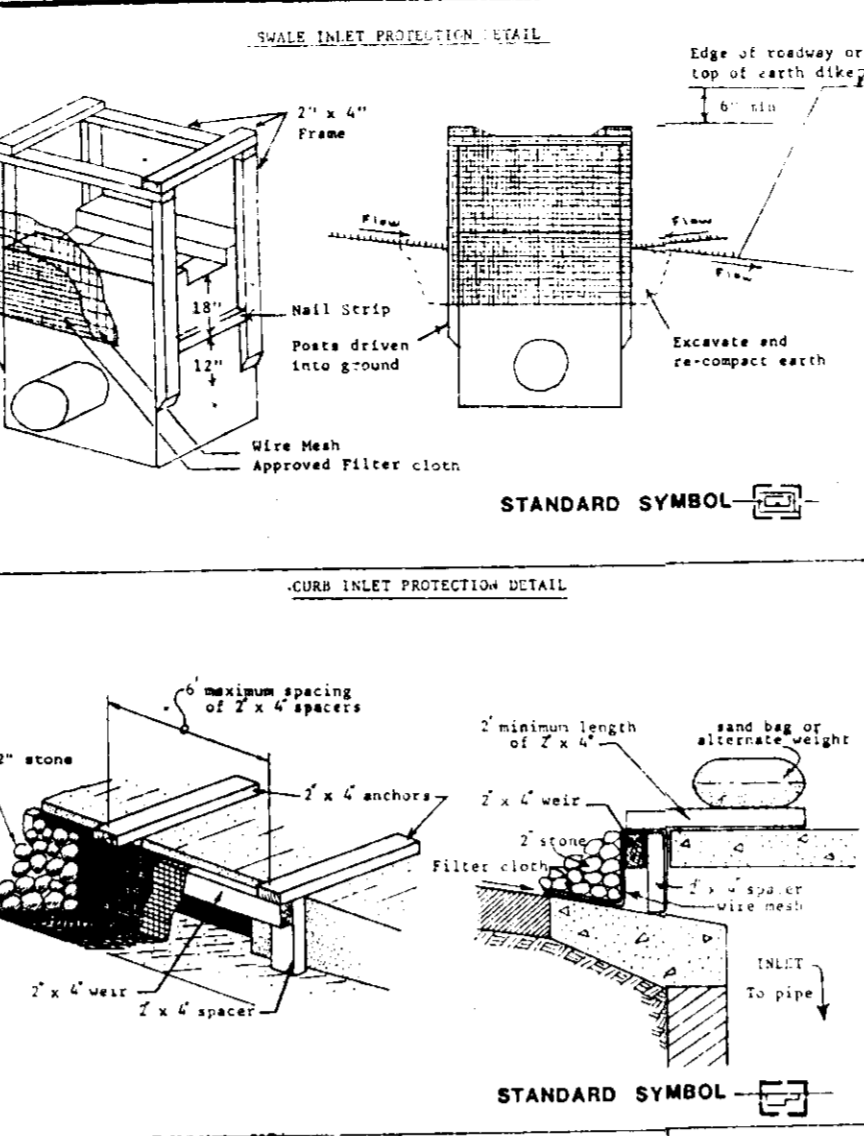
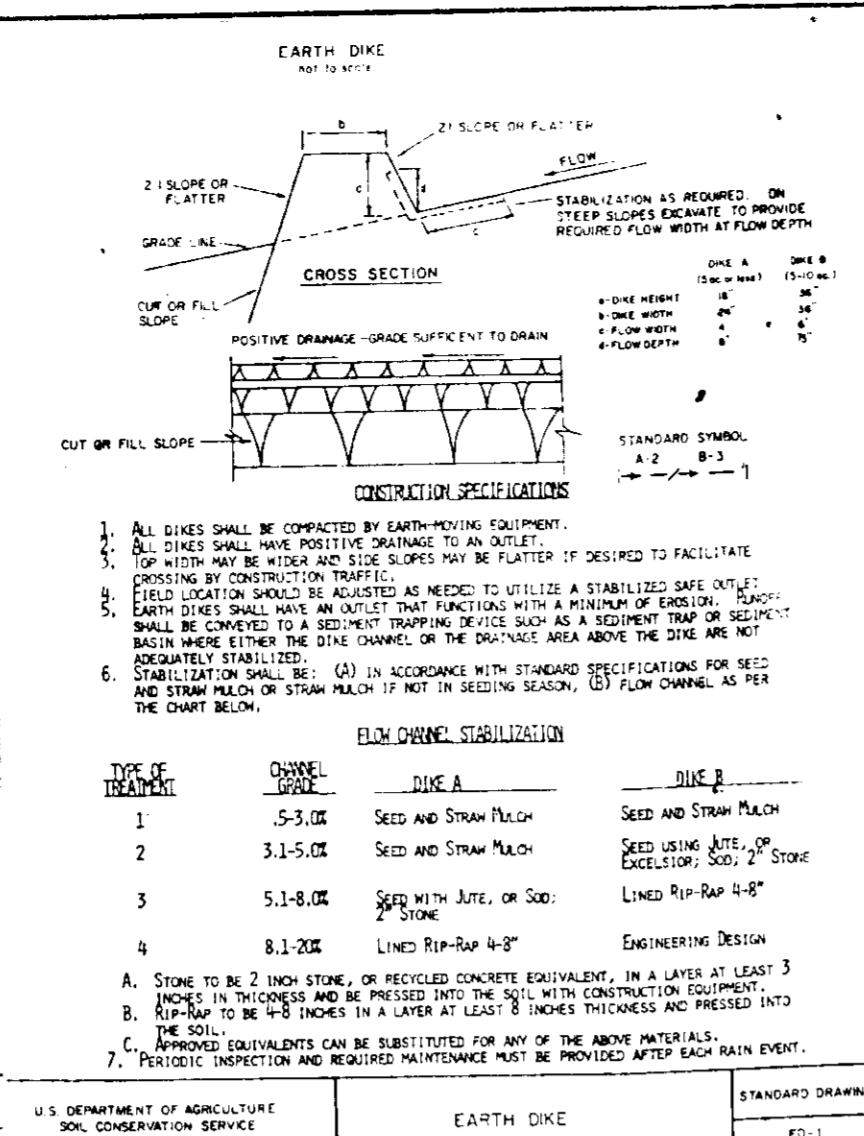
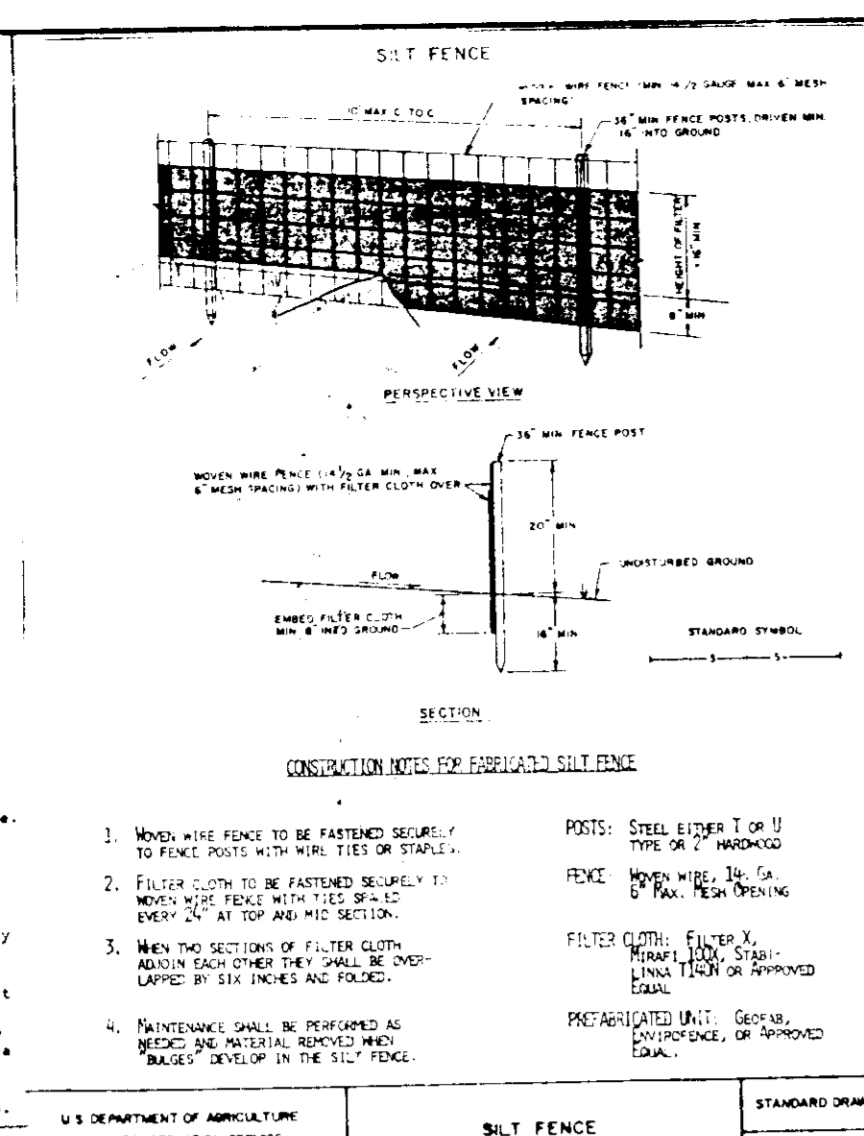
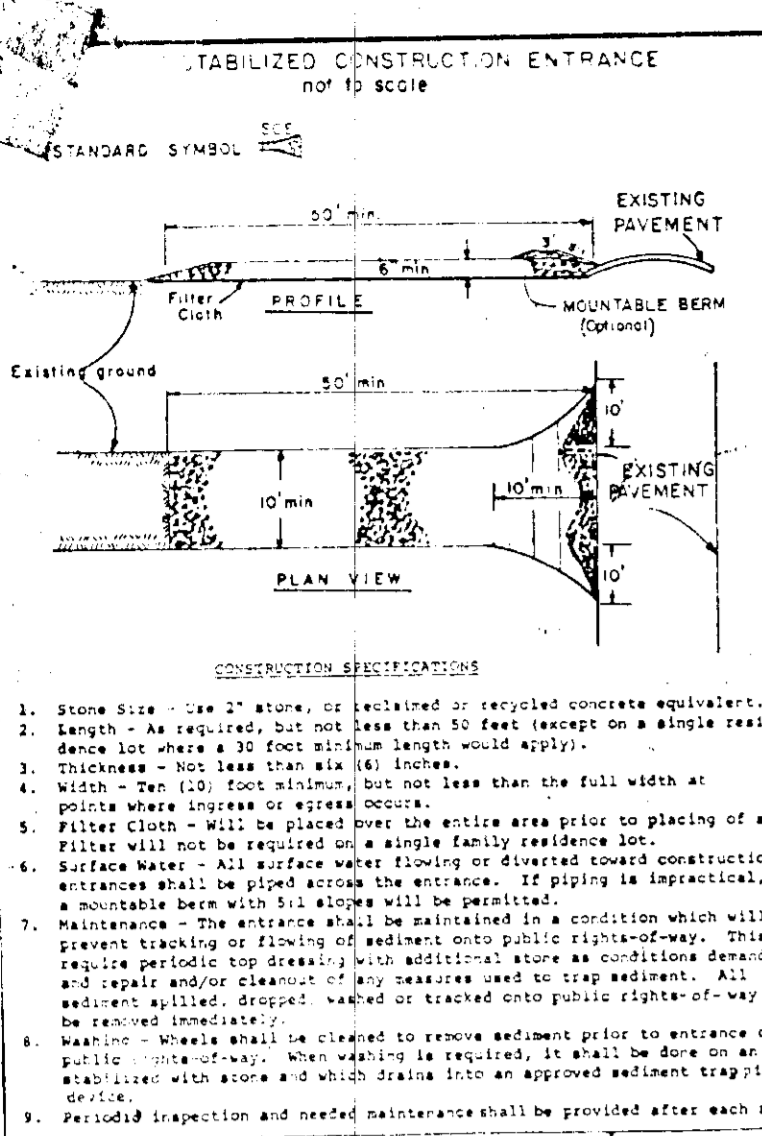
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR: *[Signature]* DATE: 6/11/85
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
[Signature] DATE: 6/11/85

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: *[Signature]* DATE: 6-5-85
 CHIEF, BUREAU OF ENGINEERING: *[Signature]* DATE: 6-5-85

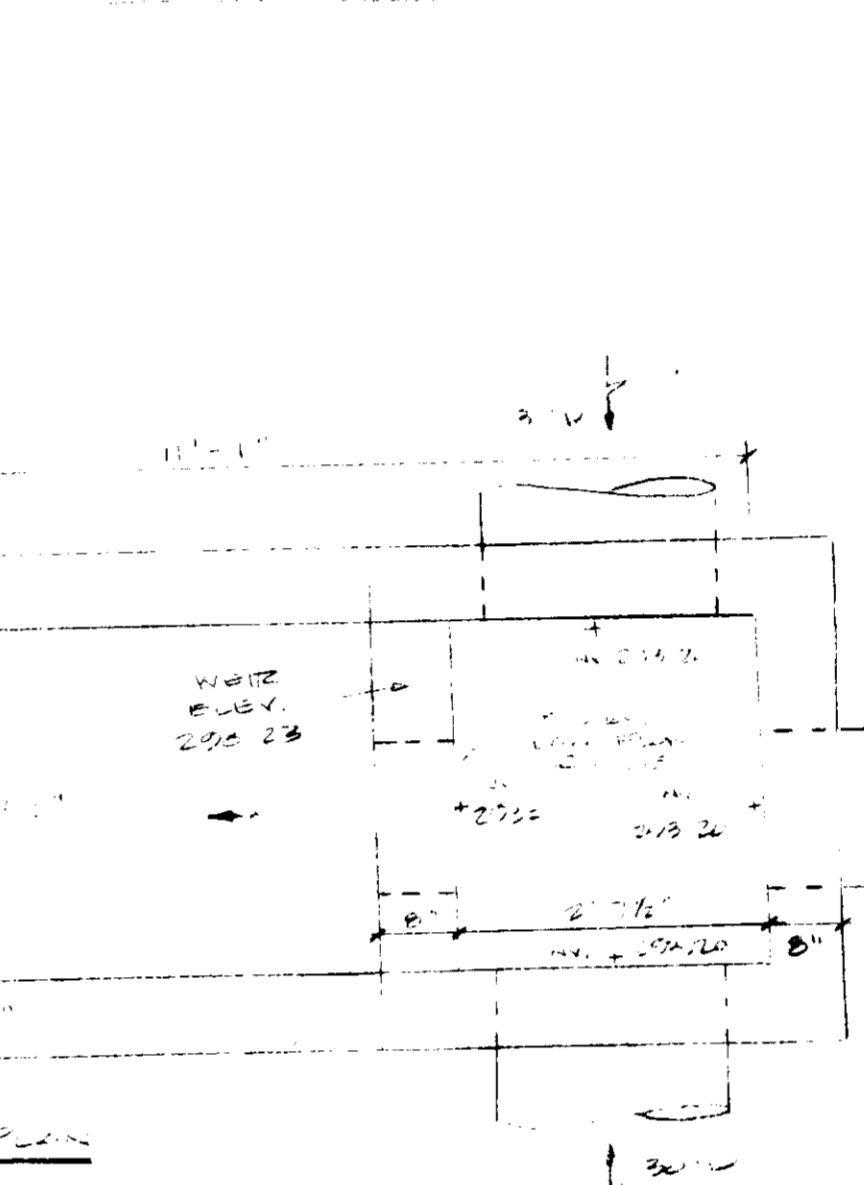
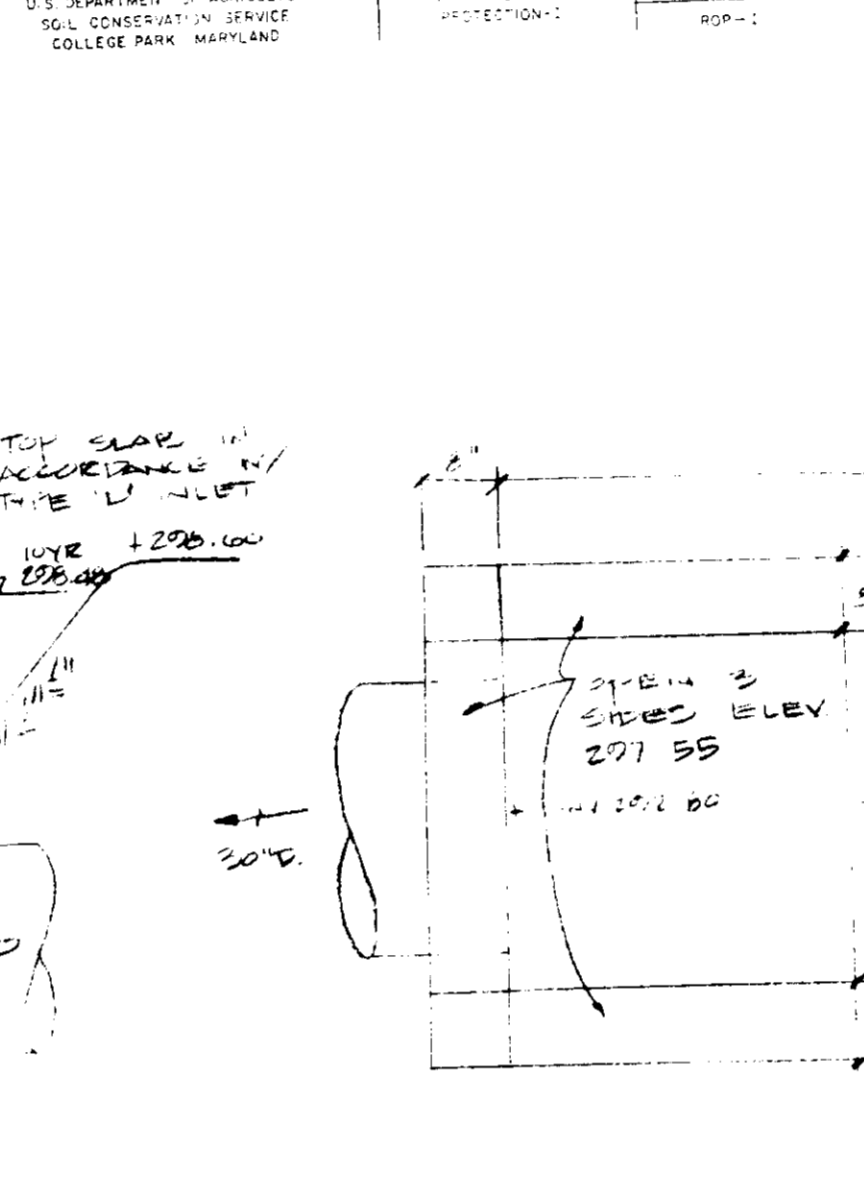
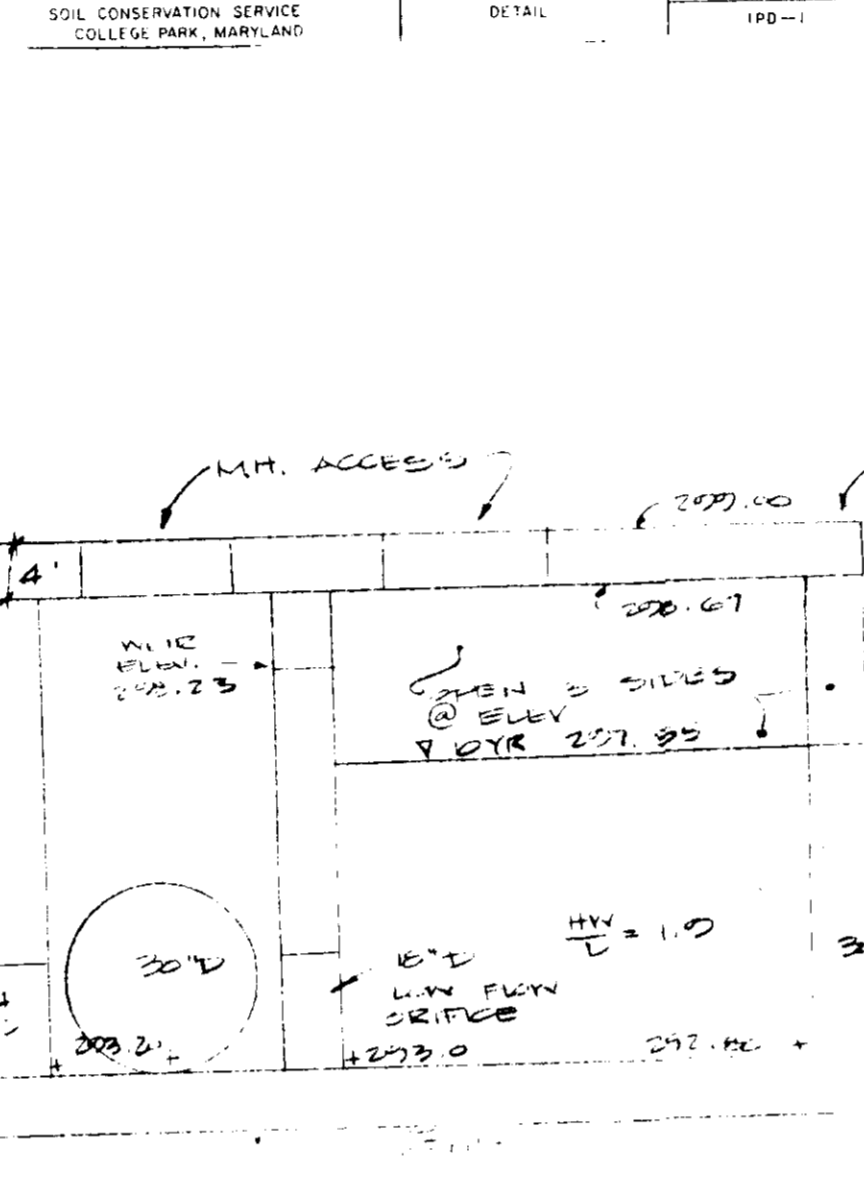
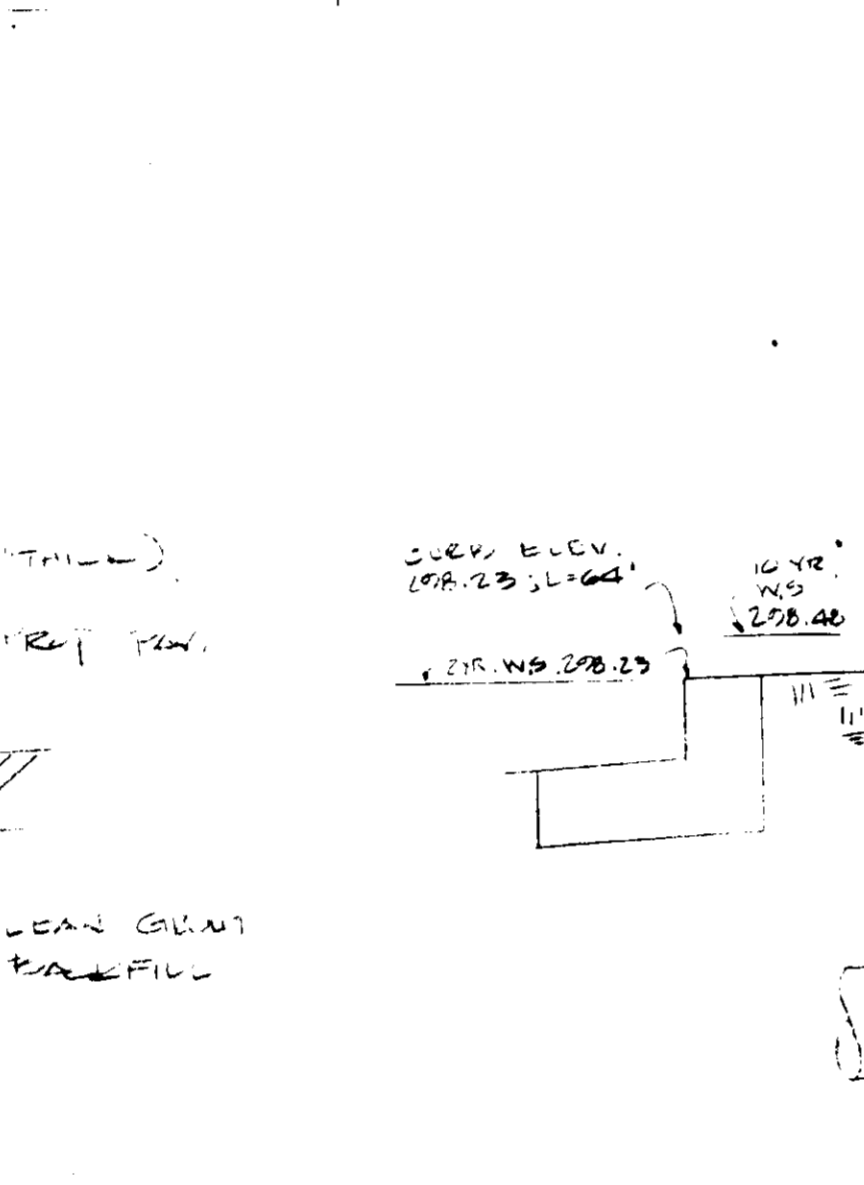
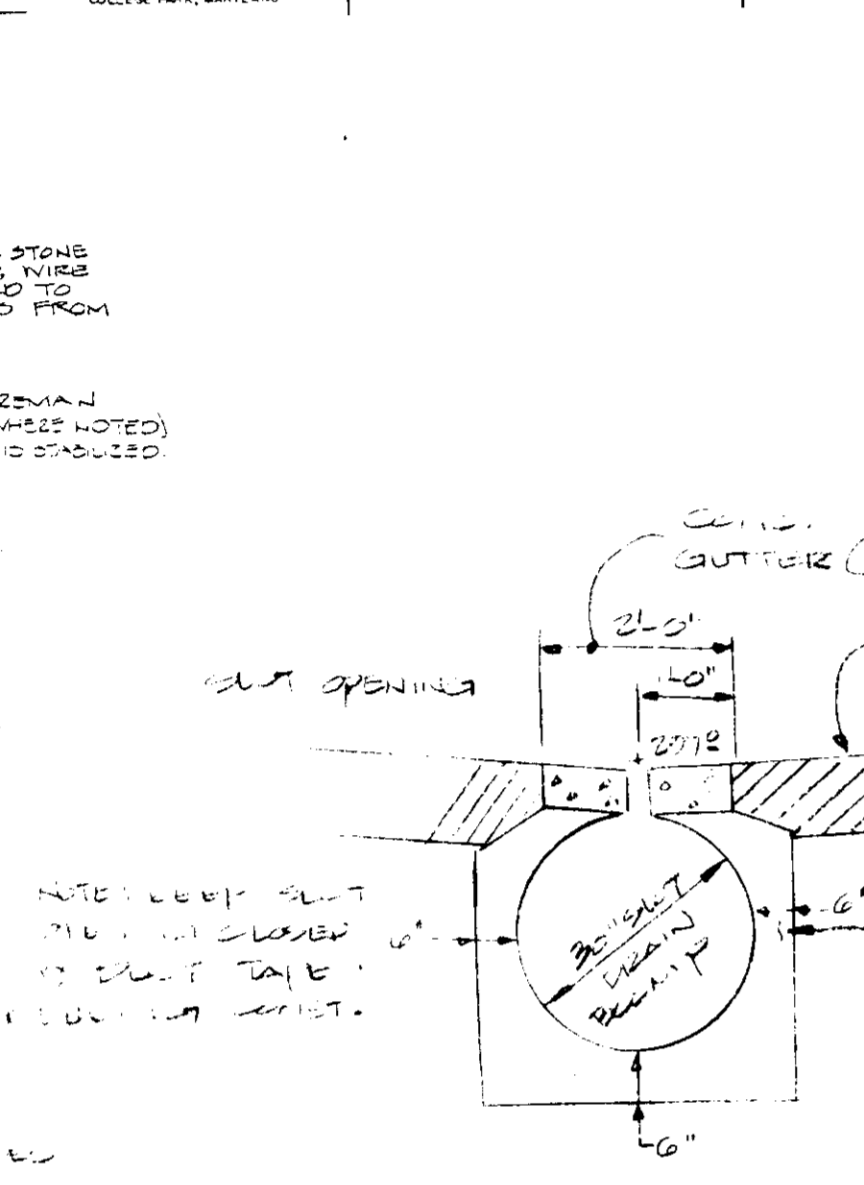
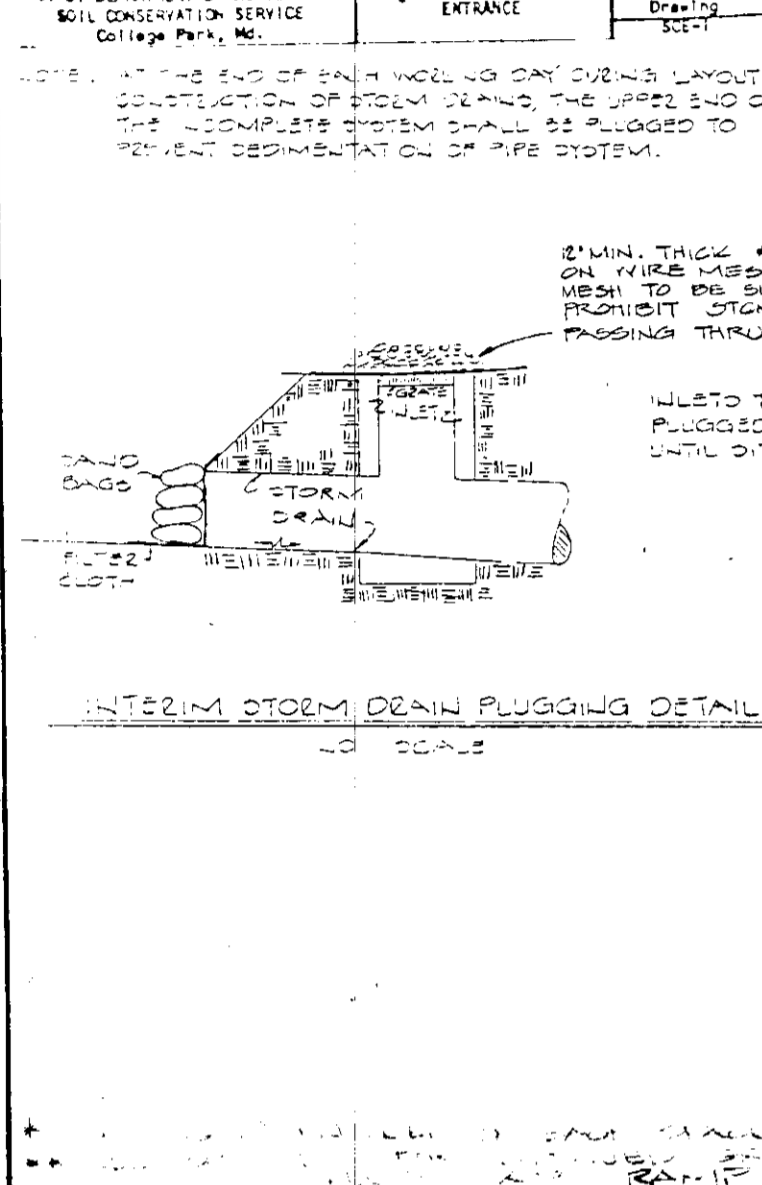
HOWARD SOIL CONSERVATION DISTRICT
 THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED: *[Signature]* DATE: 6/11/85
 HOWARD SOIL CONSERVATION DISTRICT

REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
 SIGNATURE: *[Signature]* DATE: 6/11/85
 THE UNITED STATES SOIL CONSERVATION SERVICE

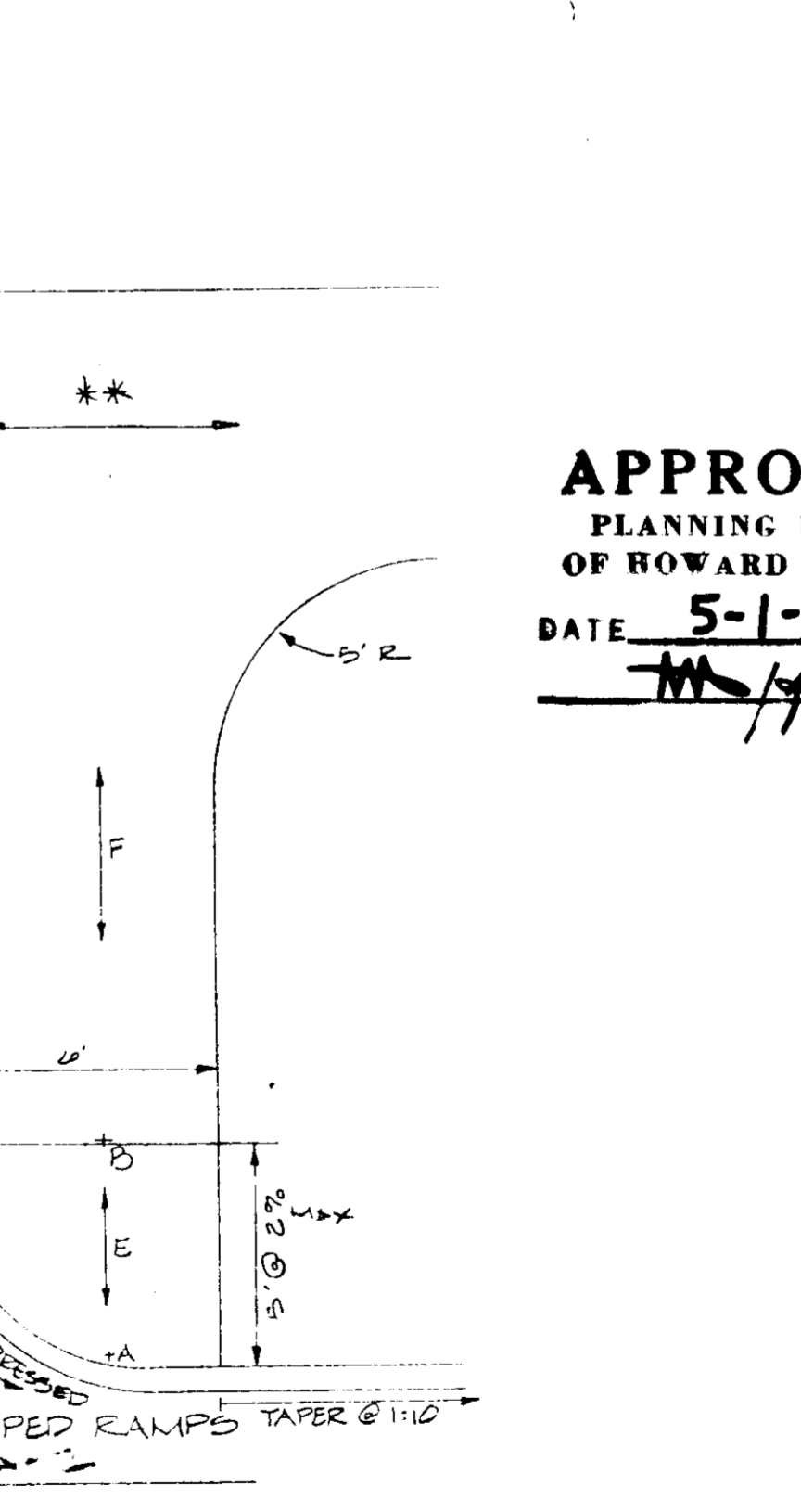
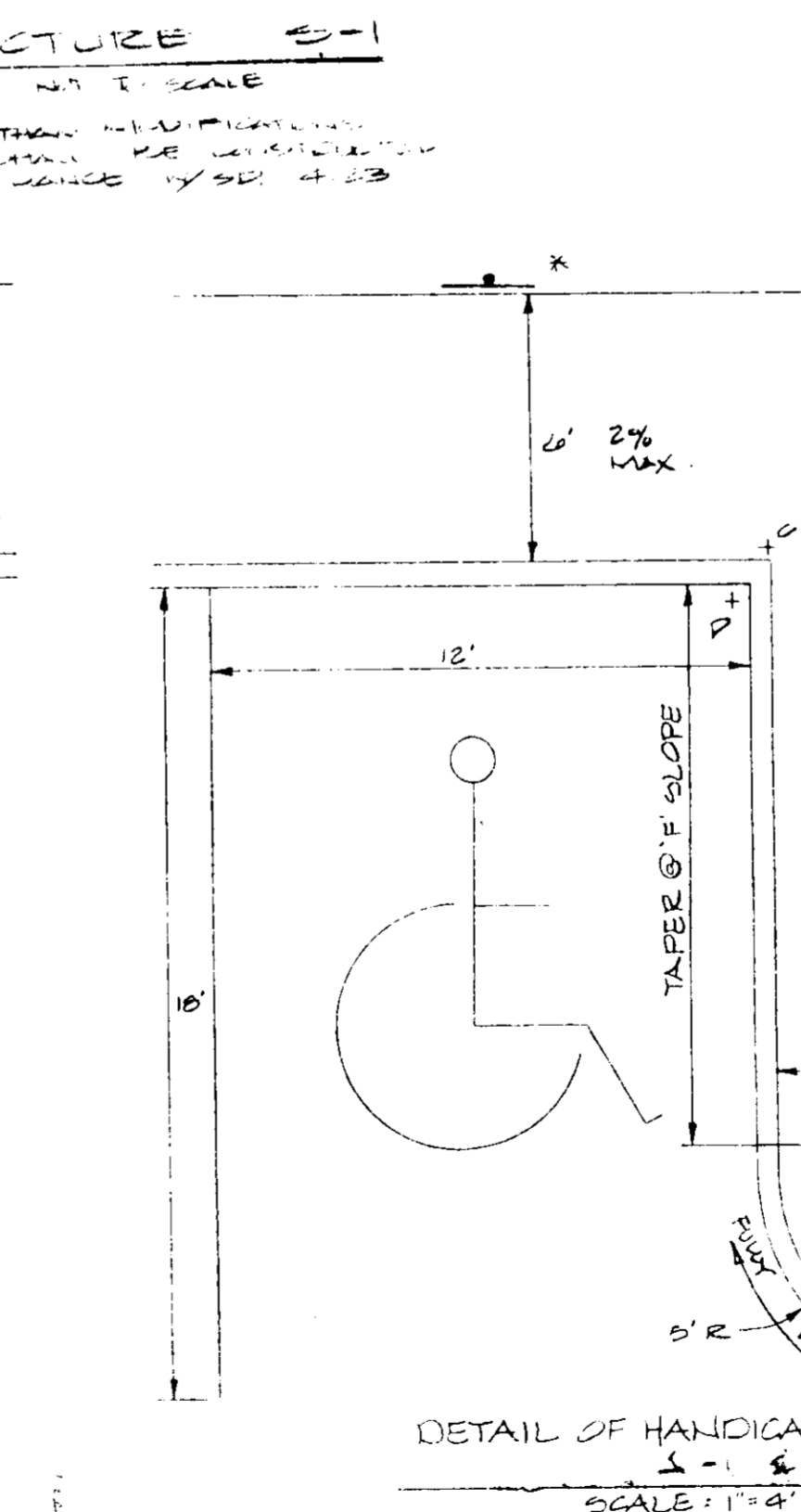
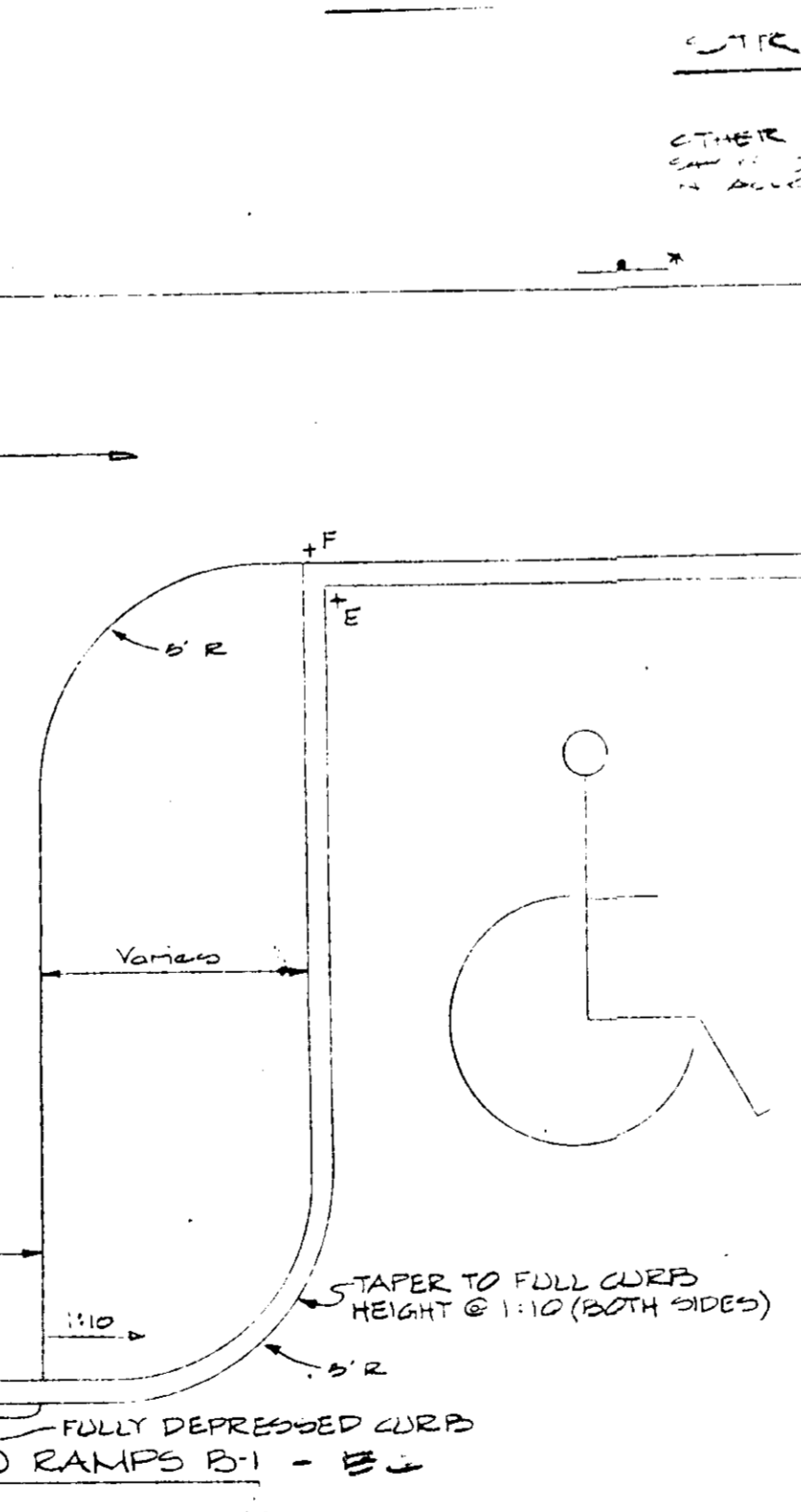
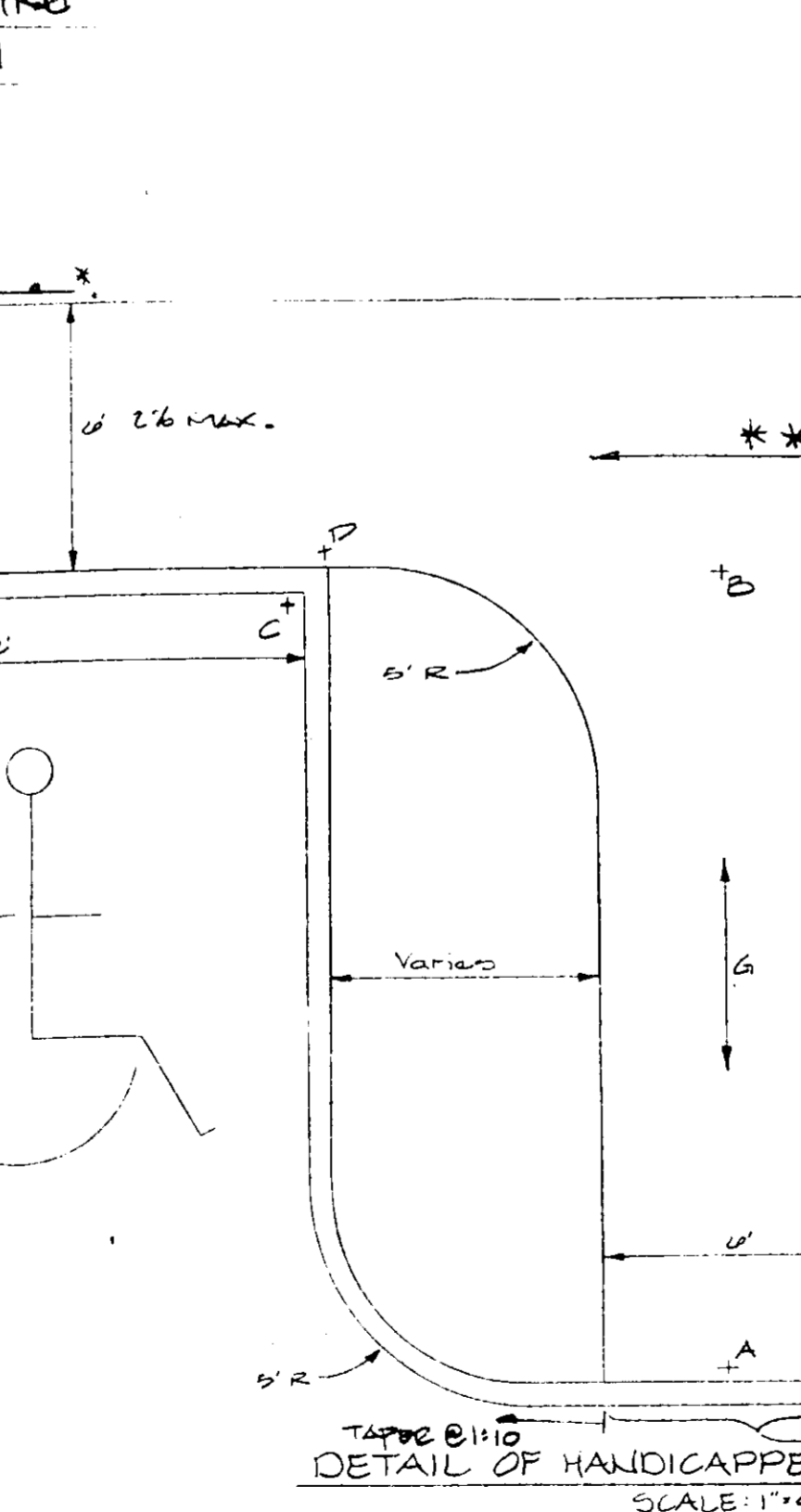
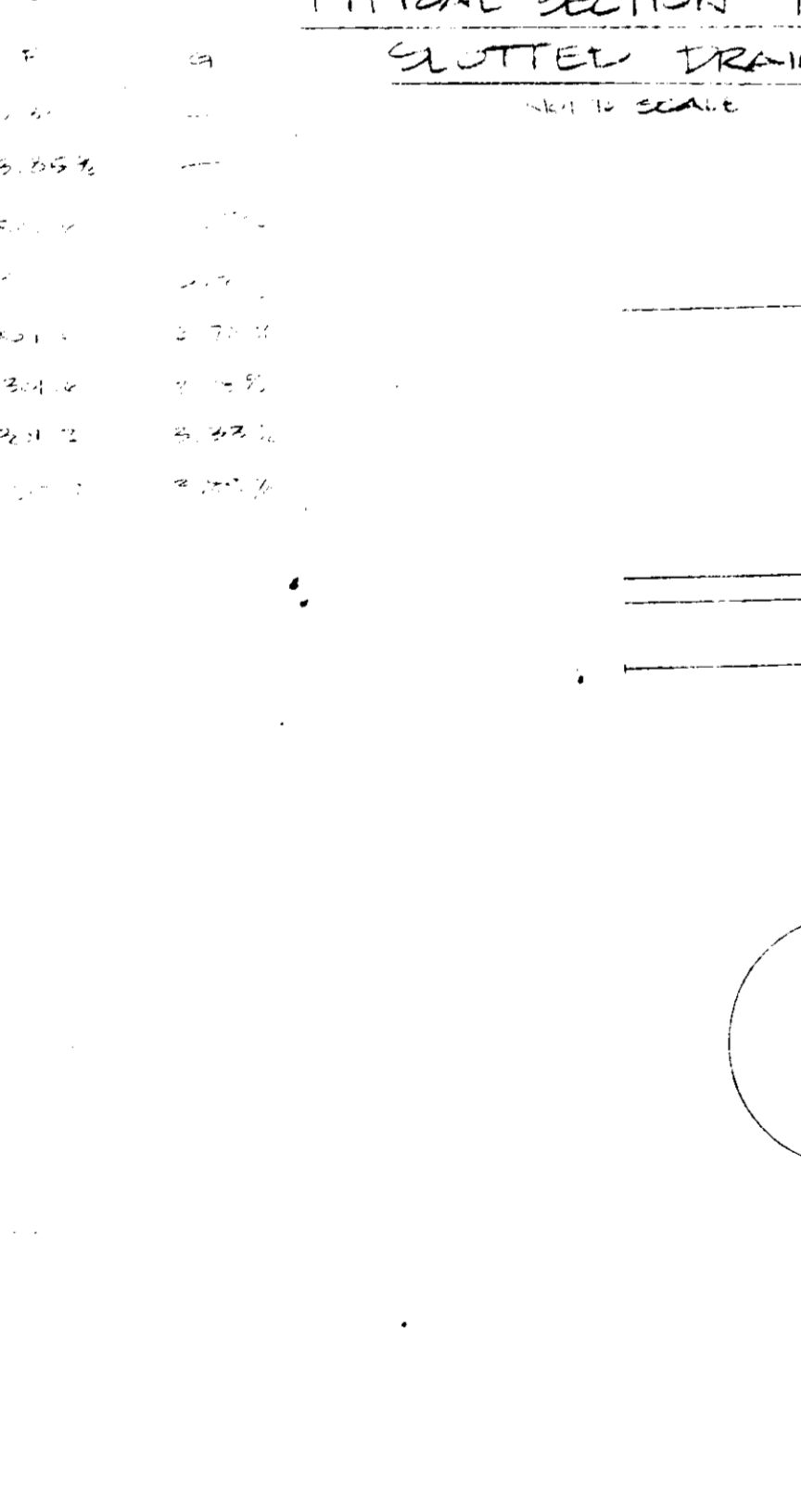
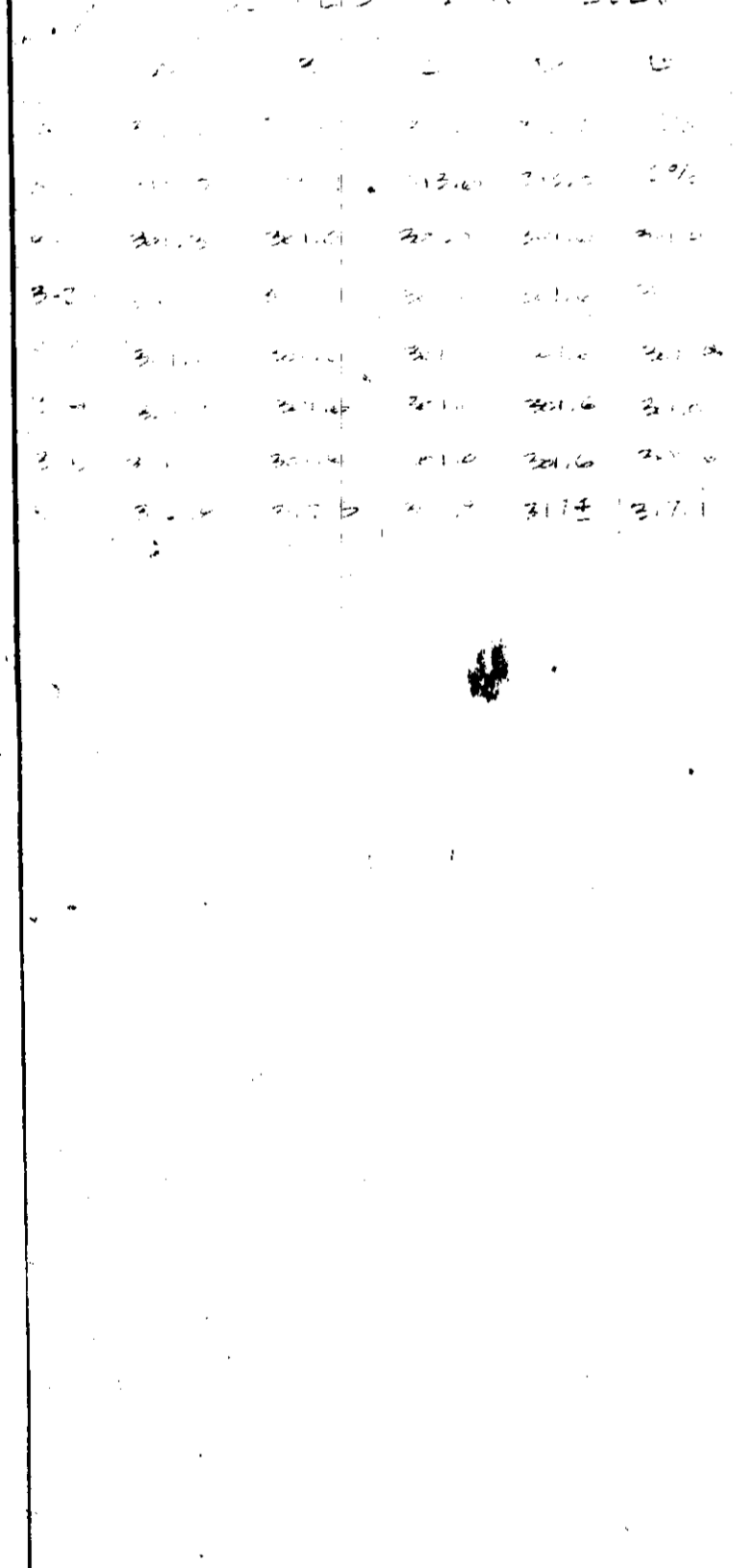
<p>WILLIAM R. SUDECK & ASSOCIATES, INC. Consulting Engineers & Land Surveyors 112 South Main Street • Bel Air, Maryland 21014 301-879-4333 301-838-5833</p>	<p>ENGINEER <i>[Signature]</i> DATE: 11/26/84</p>	<p>OWNER THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION 10215 LITTLE PATUXENT PARKWAY COLUMBIA, MARYLAND, 21044 992-0003</p>	<p>DEVELOPER MANEKIN CORPORATION 8925 QUILLFORD ROAD COLUMBIA, MD. 20406 992-1470</p>	<p>DESIGNER R.W.R. DATE: 11-26-84</p>	<p>PROFILES & DETAILS FOR PROPOSED OFFICES FOR RESEARCH & DEVELOPMENT VILLAGE OF OWEN BROOK SECTION O AREA I PARCEL B COLUMBIA HOWARD CO., MD. ELECT. DIST. # 6 SCALE: AS SHOWN DATE DEC. 1984</p>
		<p>DEVELOPER / CONTRACT PURCHASER MANEKIN CORPORATION 8925 QUILLFORD ROAD COLUMBIA, MD. 20406 992-1470</p>	<p>DATE: 11-26-84</p>	<p>DATE: 11-26-84</p>	



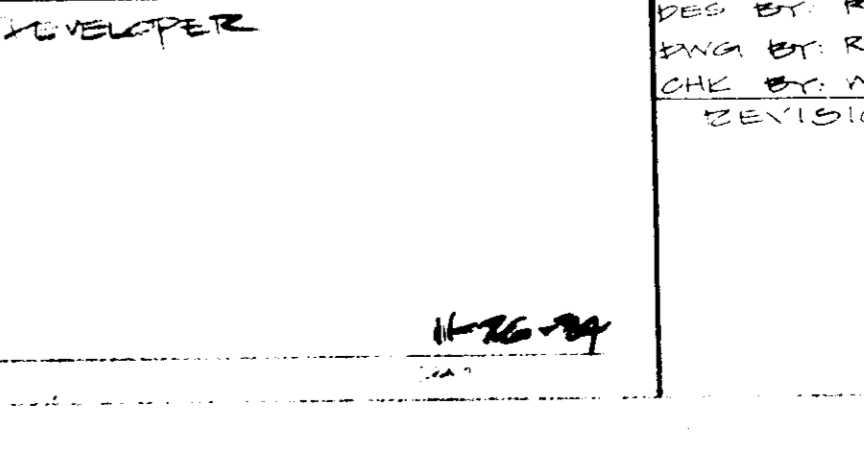
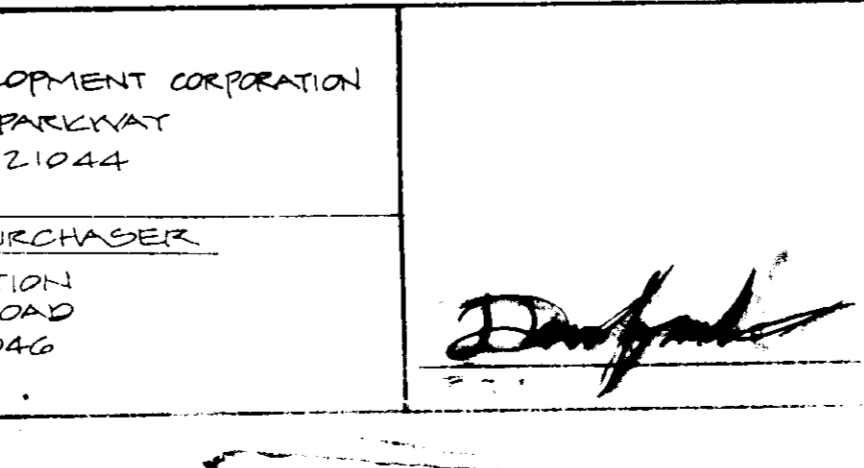
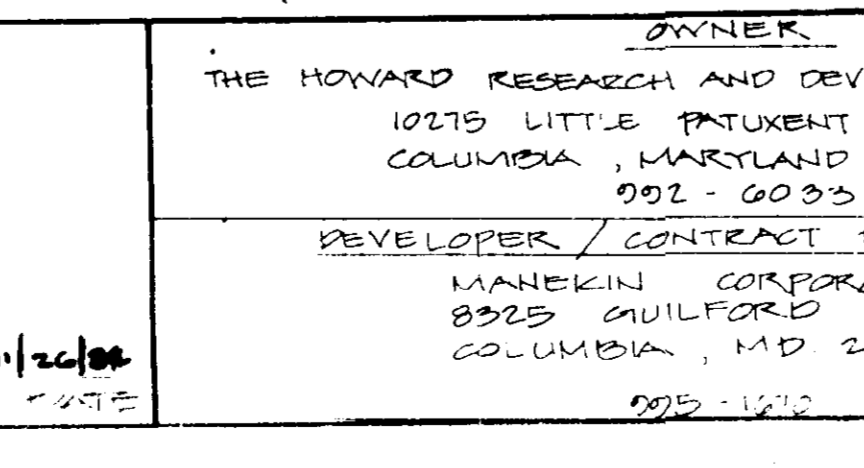
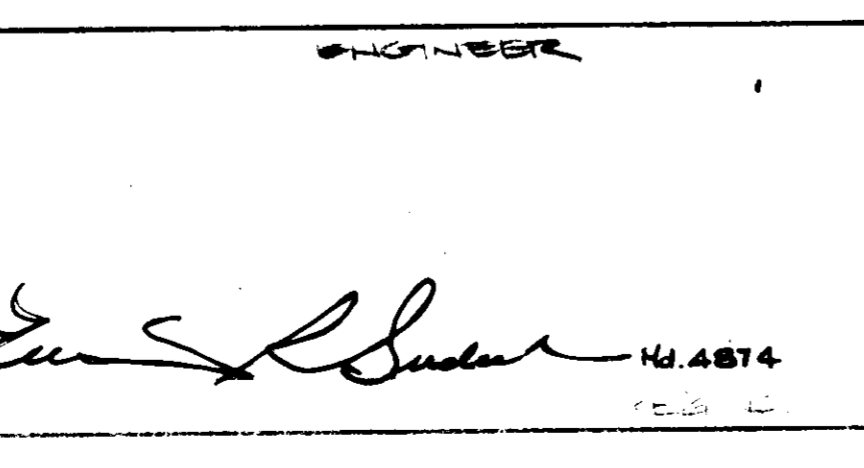
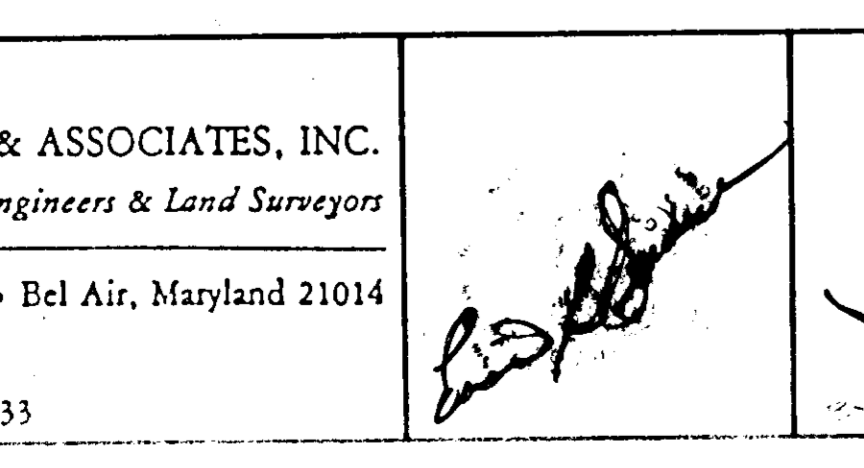
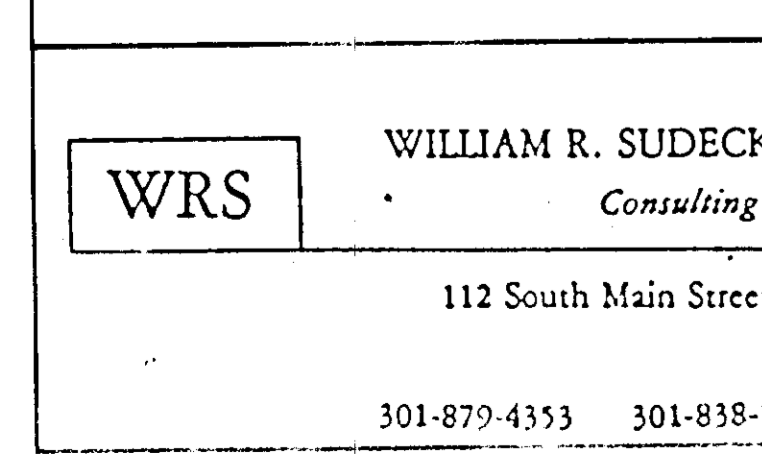
1. Any drainage to the site shall be directed to the storm sewer system.
2. All drainage shall be directed to the storm sewer system.
3. All drainage shall be directed to the storm sewer system.
4. Any drainage to the site shall be directed to the storm sewer system.
5. The storm sewer system shall be installed in accordance with the plan.
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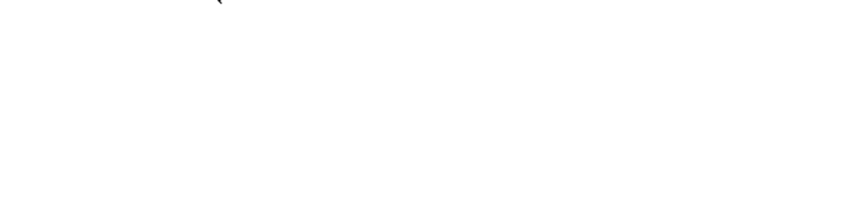
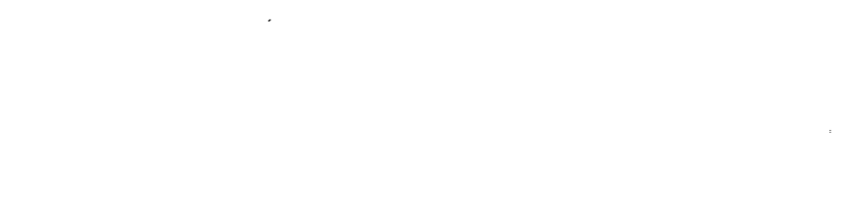
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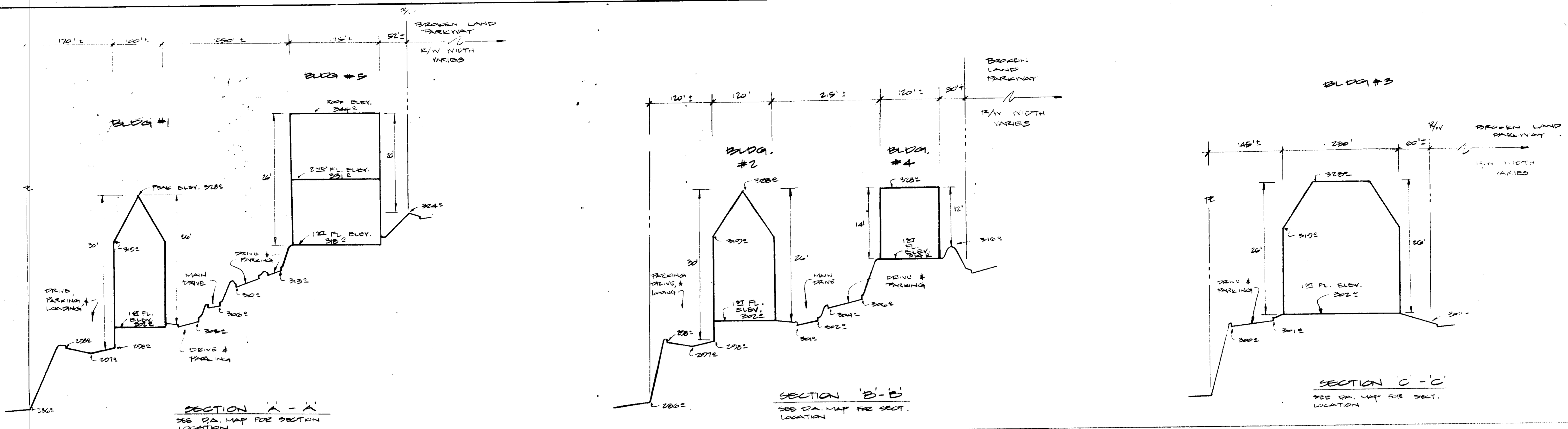
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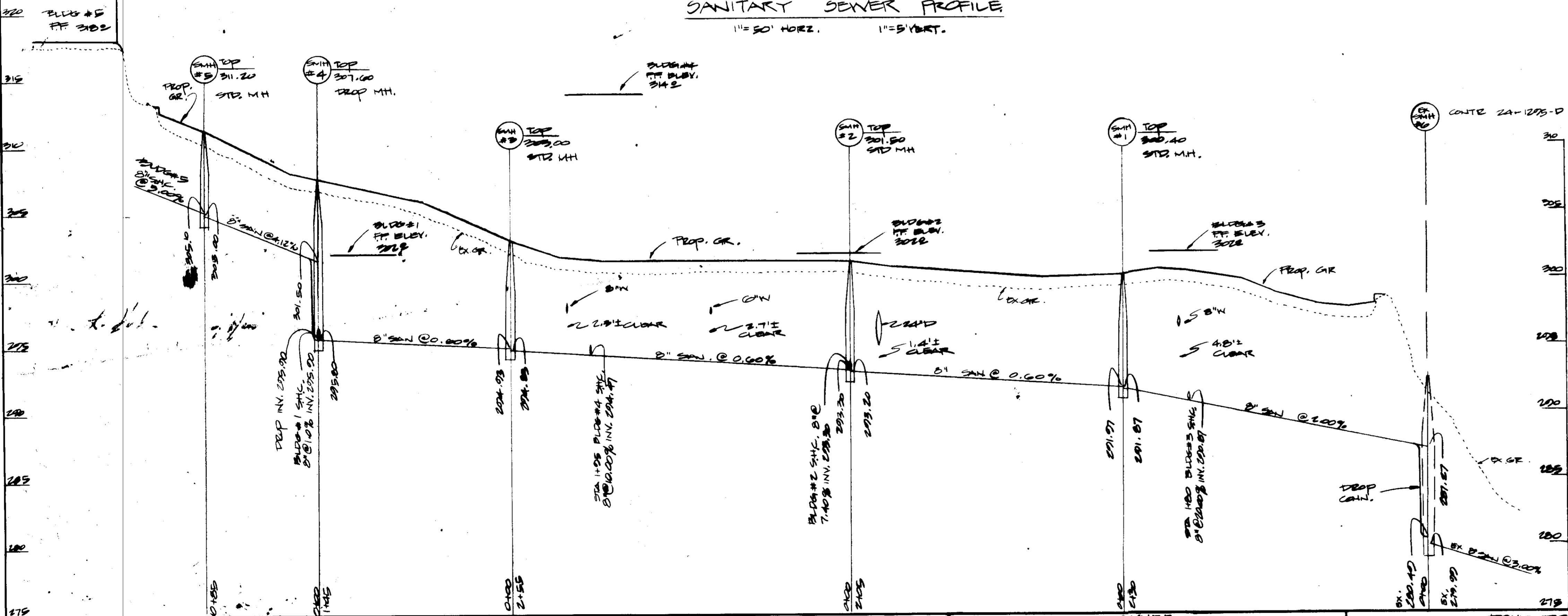
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SANITARY SEWER PROFILE
 1" = 50' HORIZ. 1" = 5' VERT.



APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 5-1-85
MA/4/11

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: *John Dyer* DATE: 6-10-81
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR: *Donald A. Harris* DATE: 6-11-85
 CHIEF, DIVISION OF LAND DEVELOPMENT
 AND ZONING ADMINISTRATION
John W. M... .. DATE: 6-11-85
 APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM
 DRAINAGE SYSTEMS, AND ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: *John F. N...* DATE: 6-5-85
 CHIEF, BUREAU
 OF ENGINEERING: *...* DATE: 6-5-85
 HOWARD SOIL CONSERVATION DISTRICT
 THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND
 SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION
 DISTRICT.
 APPROVED: *Stephen L. ...* DATE: 4/85
 HOWARD SOIL CONSERVATION DISTRICT
 REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT
 AND MEETS TECHNICAL REQUIREMENTS
 SIGNATURE: *...* DATE: 6/1/85
 THE UNITED STATES SOIL CONSERVATION SERVICE

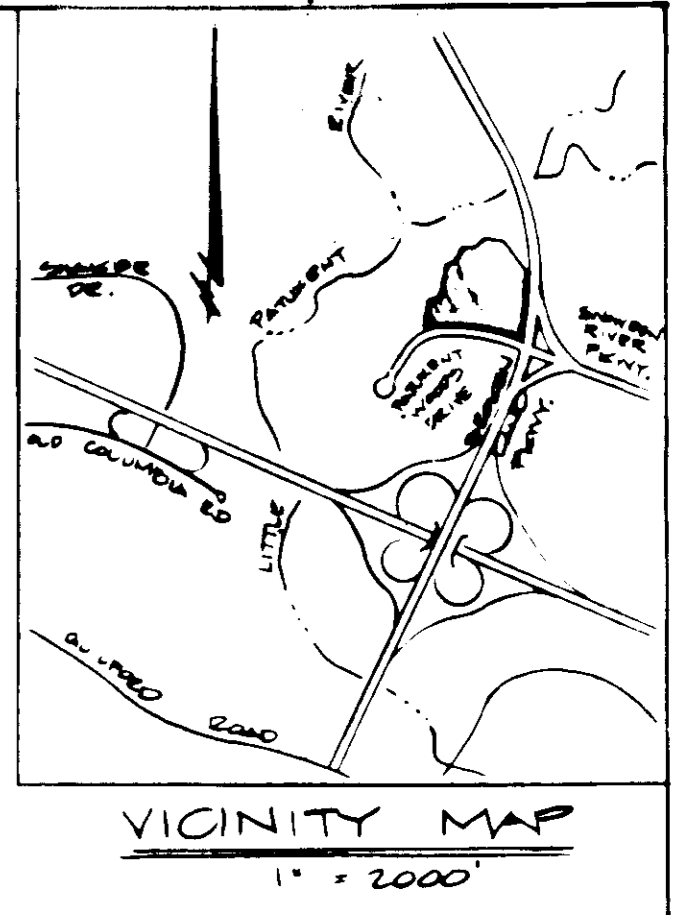
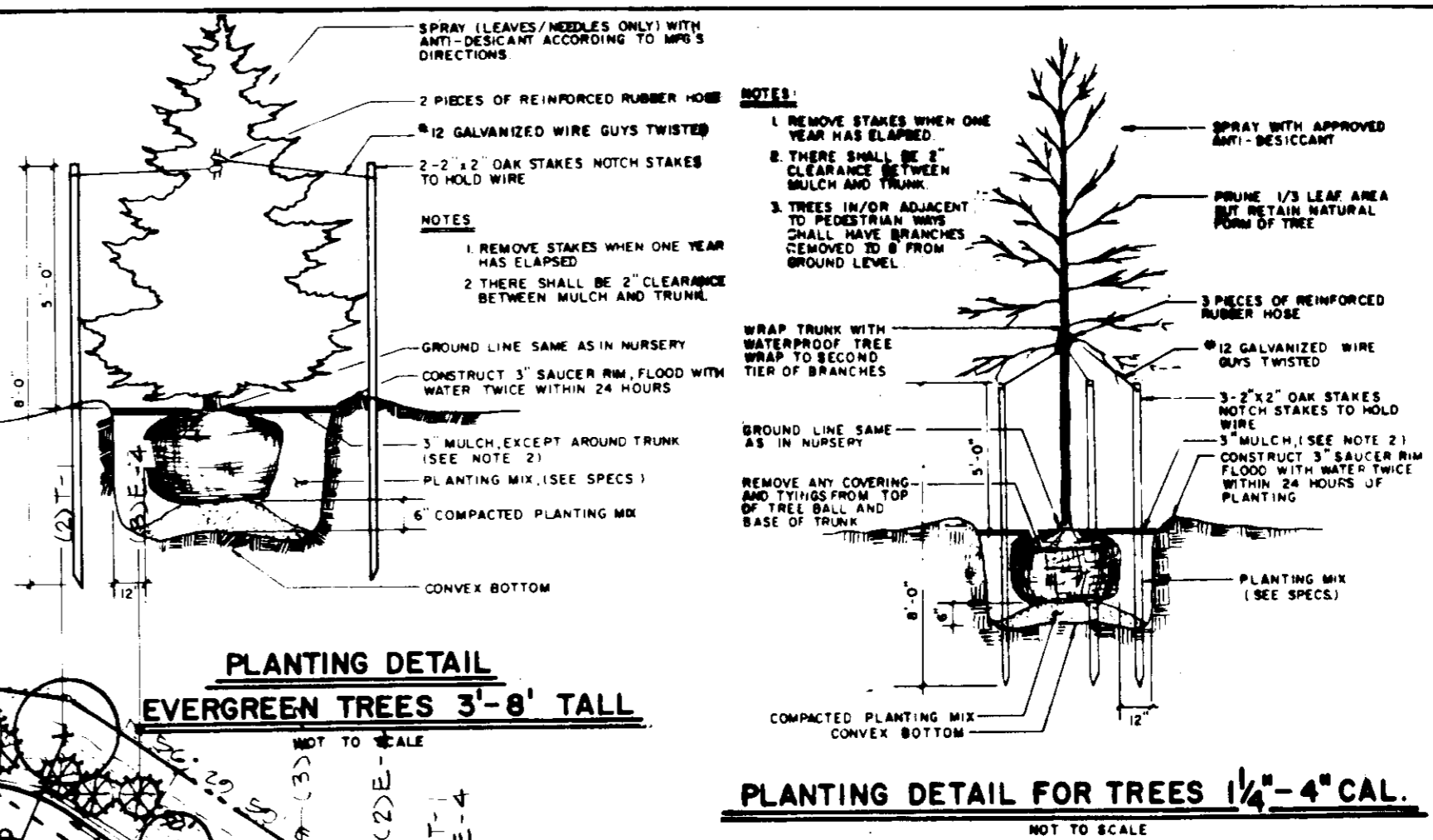
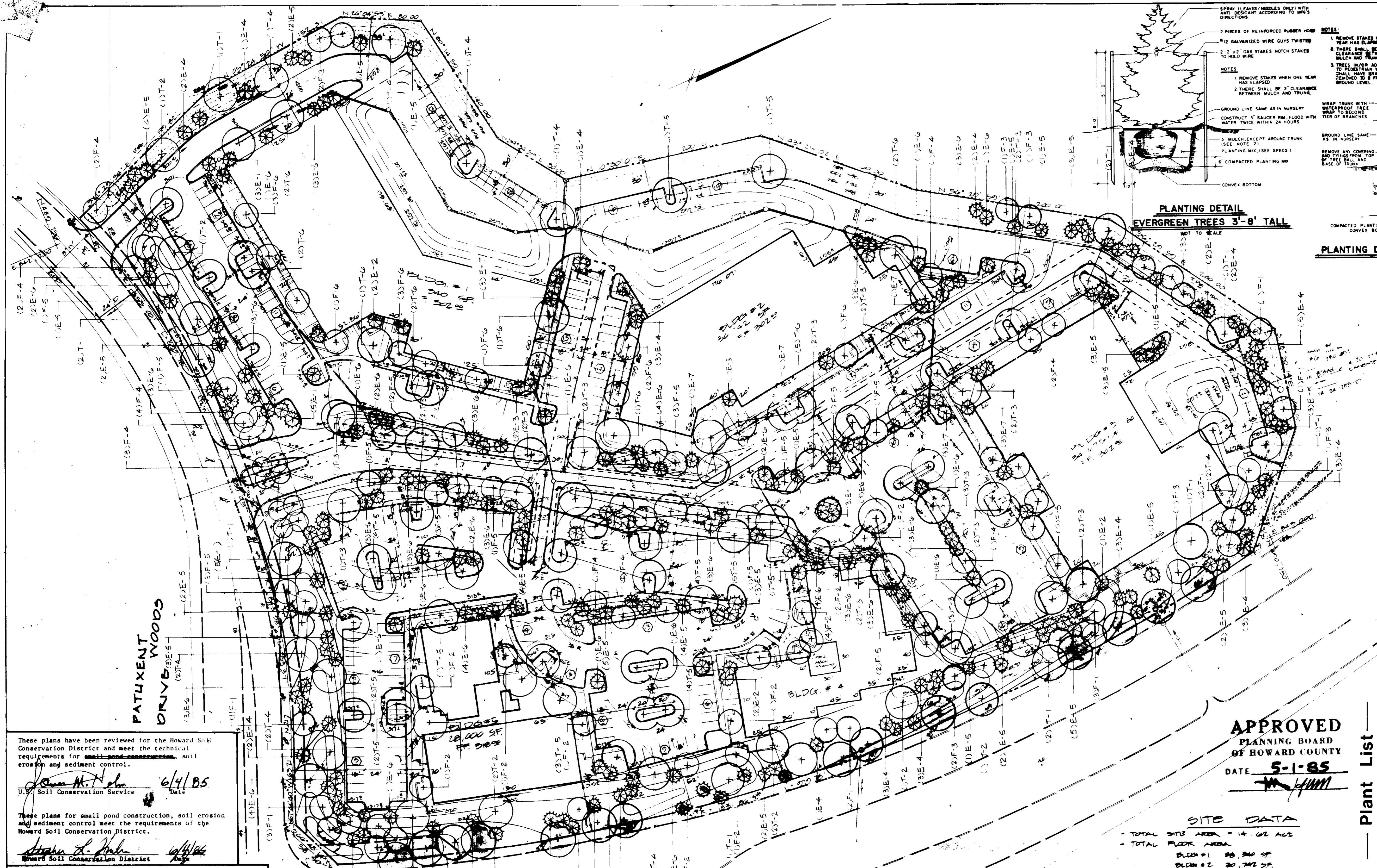
WRS
 WILLIAM R. SUDECK & ASSOCIATES, INC.
 Consulting Engineers & Land Surveyors
 112 South Main Street • Bel Air, Maryland 21014
 301-879-4353 301-838-5833

[Signature]

OWNER
 THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION
 10215 LITTLE PATUXENT PARKWAY
 COLUMBIA, MARYLAND, 21044
 991-0033
DEVELOPER / CONTRACT PURCHASER
 MANEKIN CORPORATION
 8525 CHILFORD ROAD
 COLUMBIA, MD. 21046
 995-1670

[Signature]

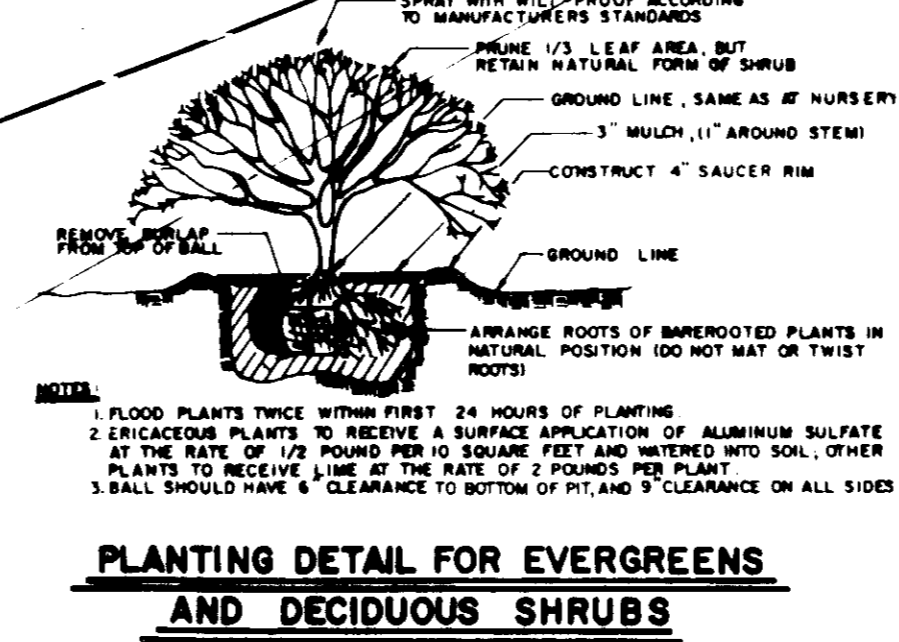
PROFILES & DETAILS
 FOR
 PROPOSED OFFICES FOR RESEARCH & DEVELOPMENT
 VILLAGE OF OWEN BRANN
 SECTION G AREA 1 PARCEL 'B'
 COLUMBIA
 HOWARD CO., MD. ELECT. DIST. # 6
 SCALE: AS SHOWN DATE: DEC. 1, 1984
 SHEET 5 OF 6
 SOP 85-102c



KEY	COMMON NAME	SIZE	REMARKS
T-1	SHADE TREES		
T-2	SHADE TREES		
T-3	SHADE TREES		
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T-88	SHADE TREES		
T-89	SHADE TREES		
T-90	SHADE TREES		
T-91	SHADE TREES		
T-92	SHADE TREES		
T-93	SHADE TREES		
T-94	SHADE TREES		
T-95	SHADE TREES		
T-96	SHADE TREES		
T-97	SHADE TREES		
T-98	SHADE TREES		
T-99	SHADE TREES		
T-100	SHADE TREES		

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
 DATE 5-1-85
[Signature]

SITE DATA
 - TOTAL SITE AREA = 14.02 AC
 - TOTAL FLOOR AREA:
 BLDG #1 85,340 SF
 BLDG #2 20,742 SF
 BLDG #3 24,876 SF
 BLDG #4 12,029 SF
 BLDG #5 28,000 SF
 TOTAL 170,987 SF
 - EXISTING USE = VACANT
 - PROPOSED USE = OFFICE FOR RESEARCH & DEVELOPMENT
 - PARKING 2000 @ 1/2 EMP = 400 (0 HDOP)
 - PARKING PROVIDED = 450 PS. (3 HDOP)
 450 @ 1/2 EMP = 225 HDOP
 10 @ 1/2 EMP = 5 HDOP
 - FLOOR AREA RATIO = 3.35 / 14.02 = 23.90%
 - PROPERTY ZONING = PLAT ENTITLED "VILLAGE OF OVEN BROWN" DIST. G AREA 1 PARCEL # 1
 - EXISTING ZONING = INT. - INDUSTRIAL
 - OPEN SPACE = 291,300 SF; 5.31 / 14.02 = 37.80%
 (AREA TO BE VEGETATIVELY STABILIZED)



These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements for stabilization, soil erosion and sediment control.
[Signature] 6/4/85
 U.S. Soil Conservation Service

These plans for small pond construction, soil erosion and sediment control meet the requirements of the Howard Soil Conservation District.
[Signature] 6/4/85
 Howard Soil Conservation District

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT
 DATE 6-10-85

APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR
 DATE 6-11-85

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE.
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE 6-1-85

DAFT-McCUNE-WALKER, INC.
 LAND PLANNING CONSULTANTS
 LANDSCAPE ARCHITECTS
 ENGINEERS
 502 E. JOPPA ROAD, TOWSON, MD 21286
 TELEPHONE (410) 281-2000 FAX (410) 281-2002

WILLIAM R. SUDECK & ASSOCIATES
 ENGINEERS & SURVEYORS
 26' OFFICE STREET
 BEL AIR, MARYLAND 21014
 301-838-5033
 301-870-4333

ENGINEER'S CERTIFICATE
 I certify that this plan for pond construction, erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District. I have notified the developer that he must provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion.
[Signature] MA 4874 5/28/85

OWNER
 THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION
 10275 LITTLE PATUXENT PARKWAY
 COLUMBIA, MARYLAND, 21044
 922-6055
DEVELOPER / CONTRACT PURCHASER
 MANCINI CORPORATION
 8225 GUILFORD ROAD
 COLUMBIA, MD 21046
 925-1670

DEVELOPER'S CERTIFICATE
 I certify that all development and/or construction will be done according to these plans, and that any responsible personnel involved in the construction of the project will have a Certificate of Attendance at a Department of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I will provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion.
[Signature] DATE

DES BY R.W.R.
 DWG BY C.H.E.
 REVISIONS

ADDRESS SHEET

BLDG #	STREET ADDRESS
1	
2	
3	
4	
5	

SUBDIVISION NAME
 VILLAGE OF OVEN BROWN
DIST / AREA
 DIST. G AREA 1
LOT / PARCEL #
 LOT # 1 PARCEL # 1
PLAT / BLOCK / ZONE
 PLAT # 6 BLOCK # 42 ZONE # 1
WATER CODE
 42
SEWER CODE
 G

SITE PLAN FOR
PROPOSED OFFICE FOR RESEARCH & DEVELOPMENT
 VILLAGE OF OVEN BROWN
 SECTION 'G' AREA 1 PARCEL 'B'
 COLUMBIA
 HOWARD CO., MD
 SCALE AS SHOWN
 ELECT. DIST. # G
 DATE DEC 1984
 SHT. # 2 OF 2
 SGP 85 102.0