

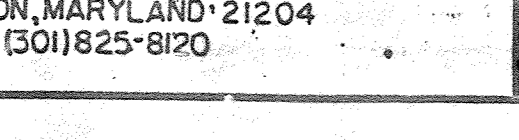
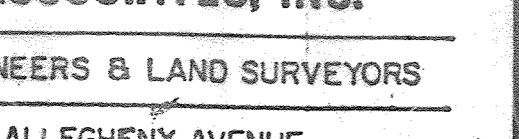
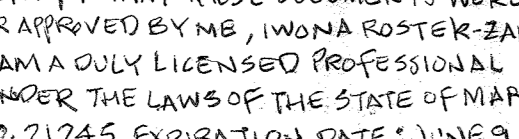
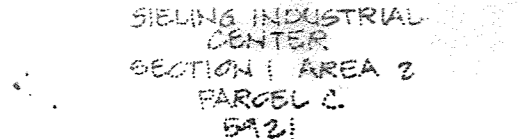
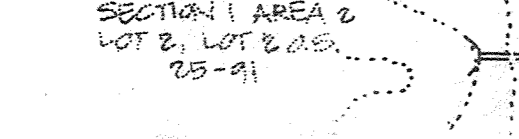
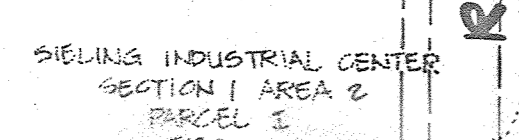
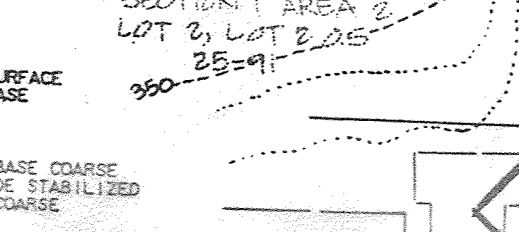
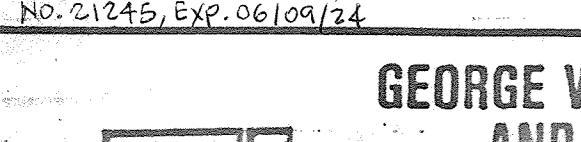
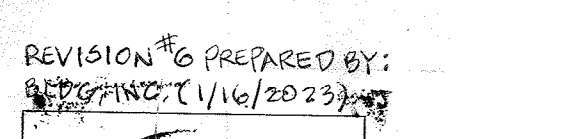
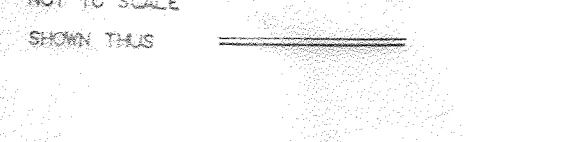
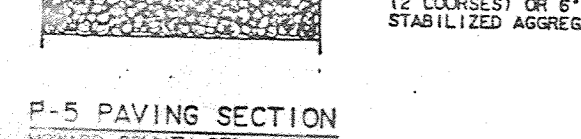
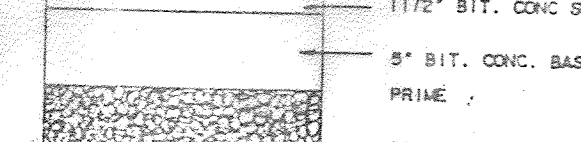
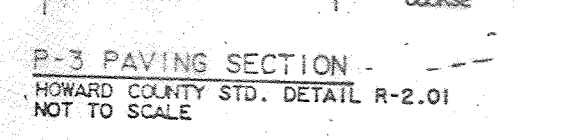
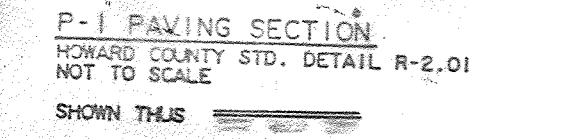
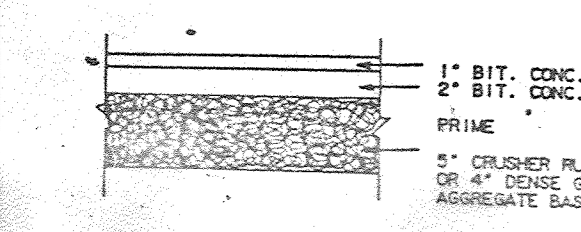
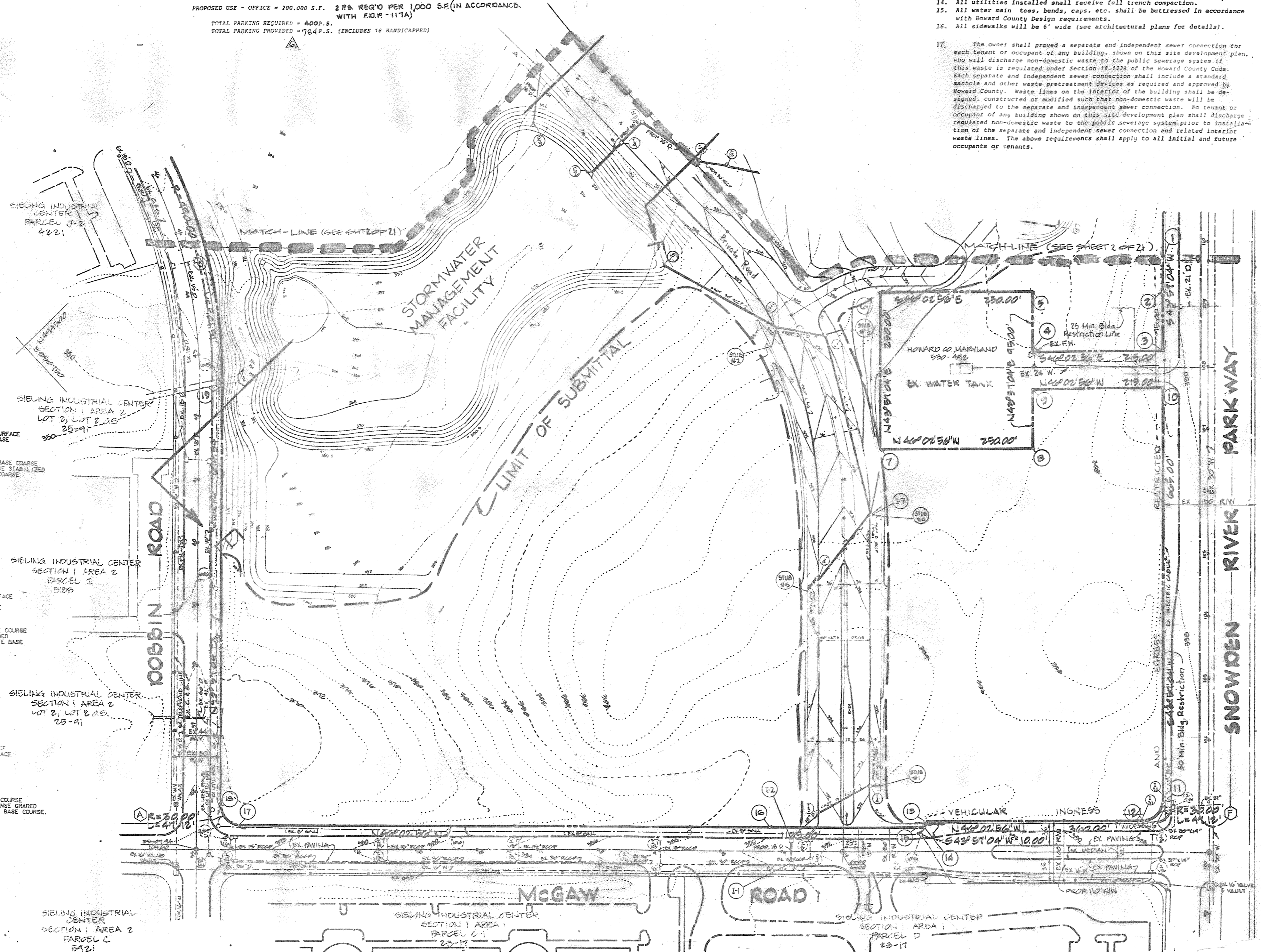
CURVE DATA				
NO.	RADIUS	LENGTH	Δ	TANGENT CHORD
A	30.00'	41.12'	90°00'00"	30.00' N01°02'55"W 42.45'
B	140.00'	41.91'	65°22'54"	50.40' N11°15'24"E 65°23'30"
C	120.51'	42.55'	30°30'25"	25.43' S11°02'08"E 48.03'
D	511.40'	320.23'	24°41'56"	15.30' S19°20'50"E 246.45'
E	20.55'	101.01'	51°42'00"	41.61' S02°24'31"E 115.10'
F	30.00'	41.12'	90°00'00"	30.00' S08°09'14"W 42.45'
G	050.00'	310.42'	24°04'03"	102.74' N24°53'43"E 315.13'
H	30.00'	41.12'	90°00'00"	30.00' S08°09'14"W 42.45'
I	120.51'	42.55'	30°30'25"	25.43' S11°02'08"E 48.03'
J	190.00'	108.44'	24°41'56"	42.14' N01°01'40"W 111.55'
K	175.00'	115.51'	24°41'56"	40.05' N01°01'40"W 111.55'
L	20.00'	43.23'	01°03'34"	20.34' N24°43'48"E 34.50'
M	090.00'	24.00'	01°03'34"	42.46' N02°44'45"E 24.74'
N	020.00'	52.10'	44°52'33"	20.41' S21°30'47"W 49.01'
U	020.00'	52.10'	44°52'33"	20.41' S21°30'47"W 49.01'

**SITE DATA**  
 TOTAL AREA OF SITE - 88.00 AC. / 3,855,280 SQ. FT.  
 AREA OF SUBMITTAL - 37.93 AC. / 1,658,000 SQ. FT.  
 EXISTING ZONING - R.F. - EMPLOYMENT CENTER INDUSTRIAL (POF-117A)  
 PROPERTY REFERENCE - 0693-0693 SIELING INDUSTRIAL CENTER SECTION 1 AREA 1 PARCEL 1A FOR PLAT 23, FOLIO 17

EXISTING USE - VACANT  
 PROPOSED USE - OFFICE  
 TOTAL FLOOR AREA - 200,000 S.F. - 4 STORIES PER BLDG. (35,000 SQ. FT. PER STORY)  
 FLOOR AREA RATIO - 200,000 S.F. / 88.00 AC. = 2.27  
 % OPEN SPACE - 76.81 AC. / 88.00 AC. = 87.28%  
 % BUILDING COVERAGE / WAVING - 11.19 AC. / 88.00 AC. = 12.72%  
 % BUILDING COVERAGE - 50,000 S.F. / 1.15 AC. / 88.00 AC. = 1.31%  
 AREA TO BE VEGETATIVELY STABILIZED - 26.74 AC. / 1,155,000 SQ. FT.  
 TOTAL AREA OF PARKING AREA - 313,000 S.F. / 7.21 AC. / 313,000 SQ. FT.  
 TOTAL AREA OF LANDSCAPED AREA - 10,535 S.F. / 0.24 AC. / 10,535 S.F.  
 % OF LANDSCAPED ISLANDS - 0.43 AC. / 17,21 AC. = 2.50%

**PARKING TABULATION**  
 PARKING REQUIRED  
 BUILDING #1 200,000 S.F.  
 BUILDING #2 200,000 S.F.  
 PROPOSED USE - OFFICE = 200,000 S.F. 2 RFS REQ'D PER 1,000 S.F. (IN ACCORDANCE WITH R.F.P. - 117A)  
 TOTAL PARKING REQUIRED = 400 P.S.  
 TOTAL PARKING PROVIDED = 764 P.S. (INCLUDES 16 HANDICAPPED)

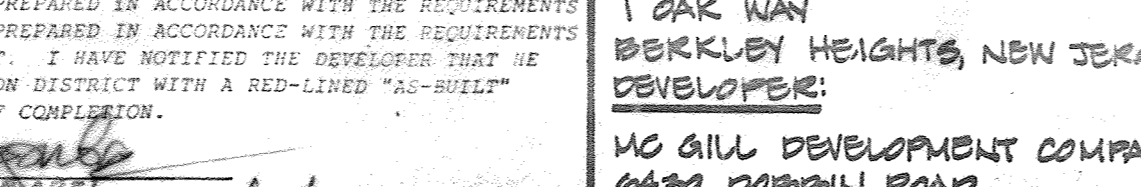
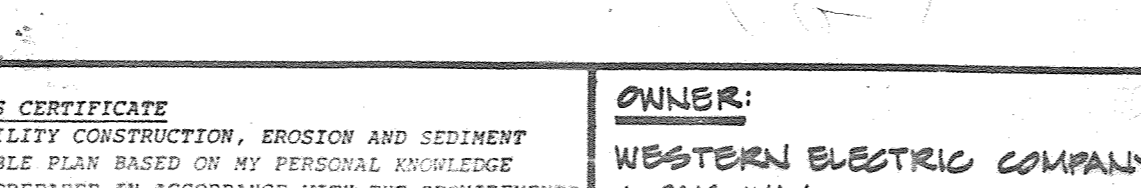
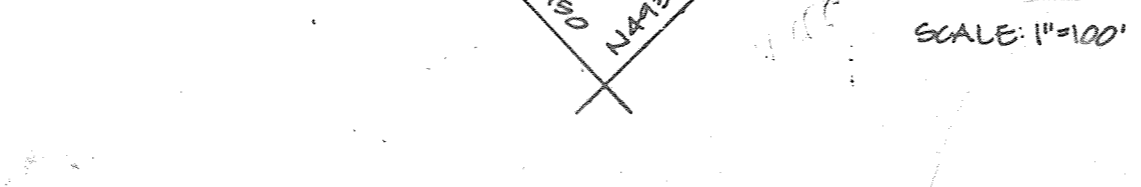
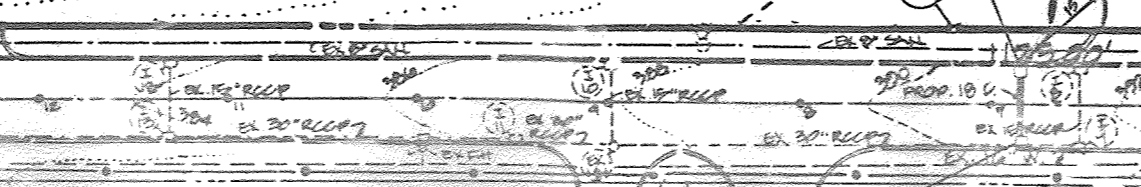
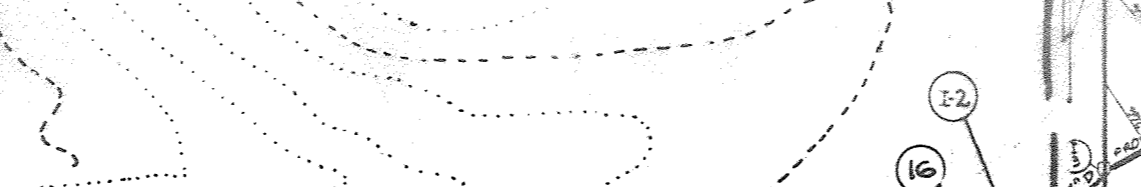
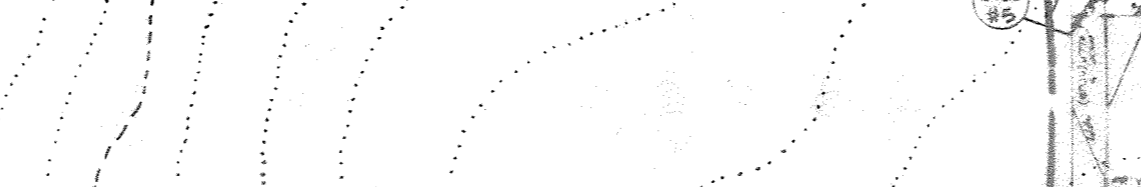
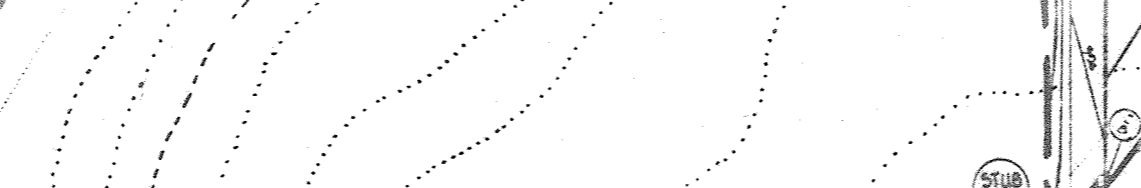
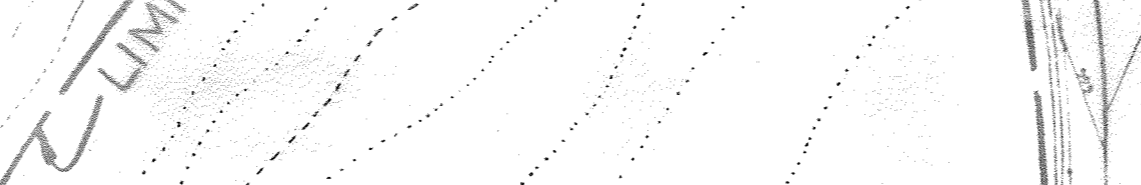
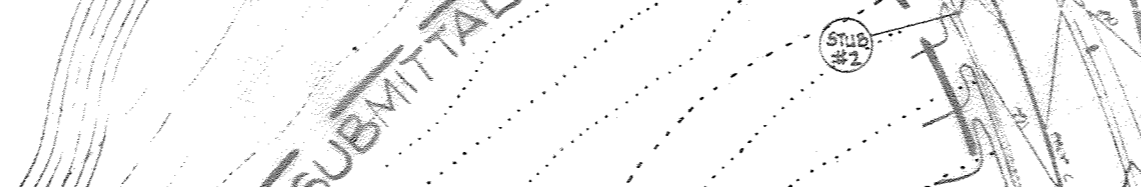
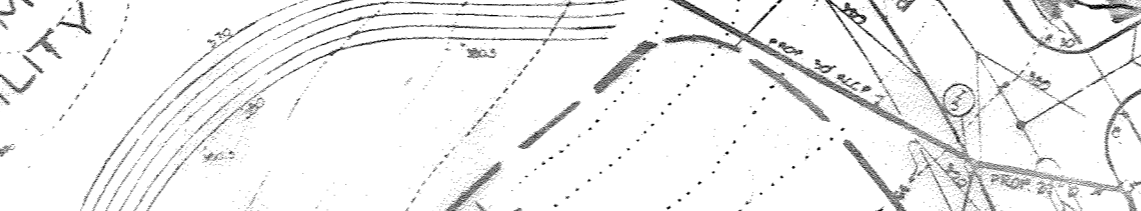
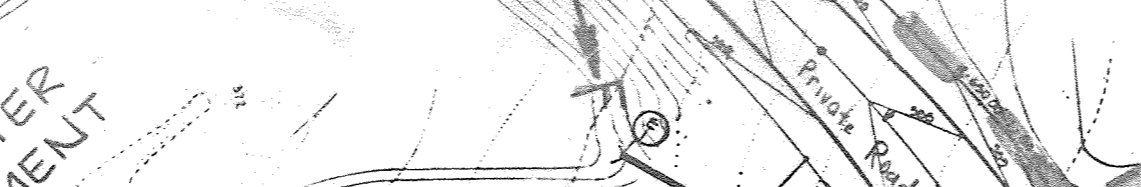
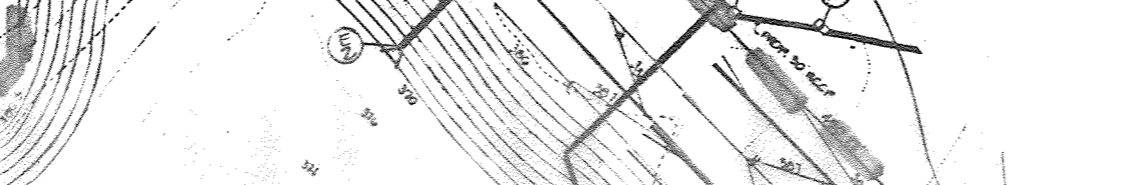
COORDINATE SCHEDULE		
NO.	NORTH	EAST
1	493308.95	852107.32
2	493272.96	852162.62
3	493204.56	852096.86
4	493353.78	851941.90
5	493422.18	852007.89
6	493595.69	851827.85
7	493415.70	851654.34
8	493242.19	851834.32
9	493310.59	851700.26
10	493161.37	852055.04
11	492682.01	851593.50
12	492601.83	851551.08
13	492931.69	851291.91
14	492924.49	851284.97
15	492934.90	851274.17
16	493101.47	851101.39
17	493705.29	850475.04
18	493747.71	850474.26
19	494148.48	850830.60



**GENERAL NOTES**

- Maximum building height = 50'.
- All areas not being paved or receiving building coverage shall be stabilized in accordance with the plans approved by Howard Soil Conservation District.
- Any damage to public rights-of-way and/or adjacent properties shall be repaired immediately at the contractor's expense.
- The contractor shall maintain at least a 2' level bench behind all curb and gutter in fill areas.
- The contractor shall verify all existing utilities to his own satisfaction before starting construction.
- All slopes shall be 2:1 or flatter.
- All work shall be done in accordance with Howard County Standard Specifications and Details for Construction, or as shown on these plans.
- The contractor shall notify the CP Telephone Co. and the Gas and Electric Company five days prior to starting work shown on these plans by calling "Miss Utility". Call collect 1-888-0100.
- For details of rates and signs for the handicapped see the Maryland Building Code for the Handicapped and Aged and as shown hereon. See Sheet of \_\_\_\_\_.
- The contractor shall maintain a minimum of 4' cover over all proposed water lines.
- All rip-rap shall be placed on filter cloth.
- The contractor or developer shall contact the Construction Inspection/ Survey Division, 24 hours in advance of commencement of work at 992-2437 or 782-7272.
- The contractor shall remove all existing paving, curb and gutter, etc. that may interfere with proposed construction.
- All utilities installed shall receive full trench compaction.
- All water main, gas, bonds, caps, etc. shall be addressed in accordance with Howard County Design requirements.
- All sidewalks will be 6' wide (see architectural plans for details).
- The owner shall provide a separate and independent sewer connection for each tenant or occupant of any building, shown on this site development plan, who will discharge non-domestic waste to the public sewerage system. Each separate and independent sewer connection shall include a standard manhole and other waste pretreatment devices as required and approved by Howard County. Waste lines on the interior of the building shall be designed, constructed or modified such that non-domestic waste will be discharged to the separate and independent sewer connection. No tenant or occupant of any building shown on this site development plan shall discharge regulated non-domestic waste to the public sewerage system prior to installation of the separate and independent sewer connection and related interior waste lines. The above requirements shall apply to all initial and future occupants or tenants.

**BENCH MARKS:**  
 BM # 234401 ELEV. 1307.49  
 STANDARD CONCRETE MONUMENT SET FLUSH WITH SURFACE  
 NORTH 491333.018 EAST 858206.723  
 BM # 2343001 ELEV. 1289.24  
 3/4" R.B. SET 0.3 FT. BELOW THE SURFACE  
 NORTH 492140.801 EAST 857226.671



**ENGINEER'S CERTIFICATE**  
 I CERTIFY THAT THIS PLAN FOR S.W.N. FACILITY 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 A RED-LINED "AS-BUILT" OF THE S.W.N. FACILITY WITHIN 30 DAYS OF COMPLETION.  
 ENGINEER: *George William Stephens, Jr.*  
 REG. NO.: 21245 DATE: 3/31/87

**OWNER:**  
 WESTERN ELECTRIC COMPANY  
 1 GAK WAY  
 BERKLEY HEIGHTS, NEW JERSEY 07003  
 DEVELOPER:  
 MC GILL DEVELOPMENT COMPANY  
 6430 DOBBIN ROAD  
 COLUMBIA, MARYLAND 21046

**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 PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. 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. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH A RED-LINED "AS-BUILT" OF THE S.W.N. FACILITY WITHIN 30 DAYS OF COMPLETION.  
 DEVELOPER: *Christopher W. Kase*  
 TITLE: CHAIRMAN DATE: 3/28/87

**DESIGNED BY:** K.B.  
**DRAWN BY:** J.B.  
**CHECKED BY:** P.C.  
**REVISIONS:**  
 1. ADD TWO (2) PICKUPBALL COATS ADJUST PARKING TABULATION INCLUDE TEXAS ROADHOUSE AS APPROVED ON 5/21/86-061.

**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, IWONA ROSTEK-ZARSKA, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2024.  
 IWONA ROSTEK-ZARSKA, P.E.  
 NO. 21245, EXP. 06/09/24

**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, GEORGE WILLIAM STEPHENS, JR., AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2024.  
 GEORGE WILLIAM STEPHENS, JR., P.E.  
 NO. 21245, EXP. 06/09/24

**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, JAMES M. HELM, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2024.  
 JAMES M. HELM, P.E.  
 NO. 21245, EXP. 06/09/24

**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, ROBERT W. ZIEBEN, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2024.  
 ROBERT W. ZIEBEN, P.E.  
 NO. 21245, EXP. 06/09/24

**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, JAGUEN BYLER, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2024.  
 JAGUEN BYLER, P.E.  
 NO. 21245, EXP. 06/09/24

**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, W. J. H. AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2024.  
 W. J. H., P.E.  
 NO. 21245, EXP. 06/09/24

**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, JAMES M. HELM, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2024.  
 JAMES M. HELM, P.E.  
 NO. 21245, EXP. 06/09/24

**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, JAMES M. HELM, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2024.  
 JAMES M. HELM, P.E.  
 NO. 21245, EXP. 06/09/24

**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, JAMES M. HELM, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2024.  
 JAMES M. HELM, P.E.  
 NO. 21245, EXP. 06/09/24

**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, JAMES M. HELM, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2024.  
 JAMES M. HELM, P.E.  
 NO. 21245, EXP. 06/09/24

**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, JAMES M. HELM, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2024.  
 JAMES M. HELM, P.E.  
 NO. 21245, EXP. 06/09/24

**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, JAMES M. HELM, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2024.  
 JAMES M. HELM, P.E.  
 NO. 21245, EXP. 06/09/24

**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, JAMES M. HELM, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2024.  
 JAMES M. HELM, P.E.  
 NO. 21245, EXP. 06/09/24

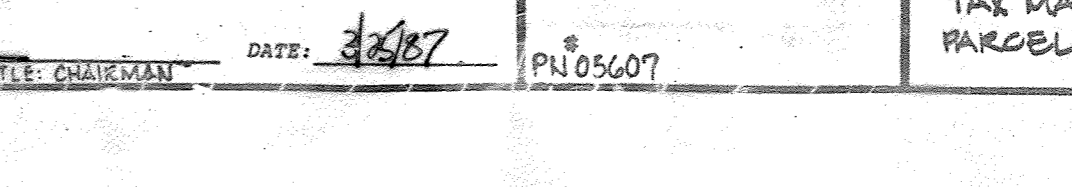
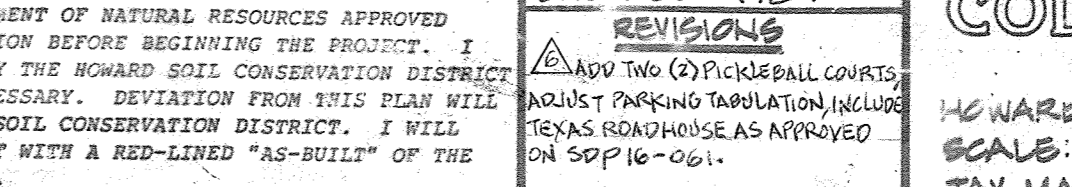
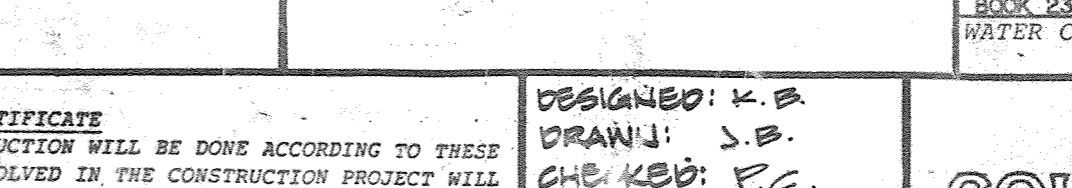
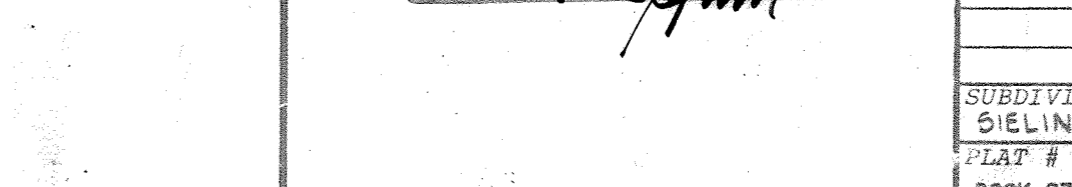
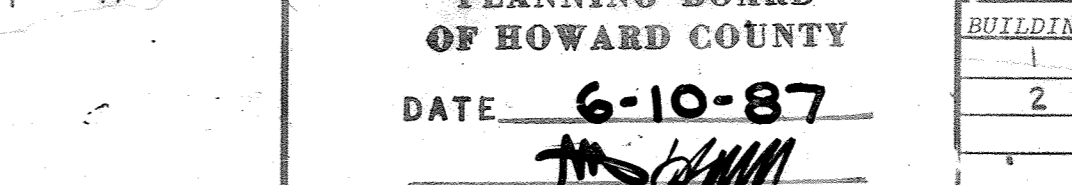
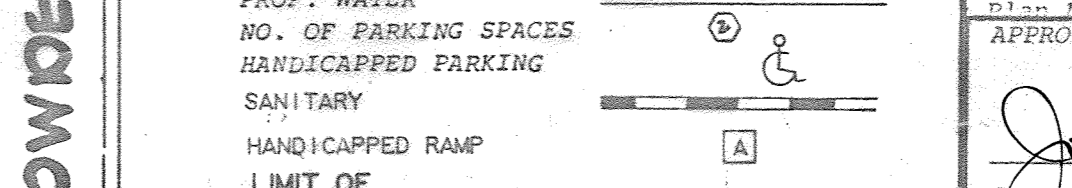
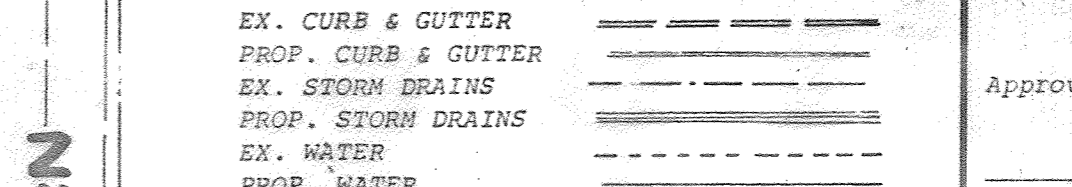
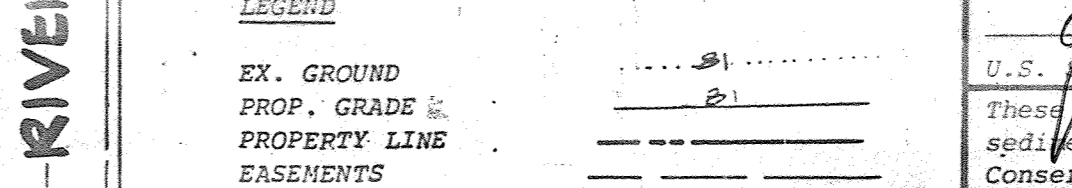
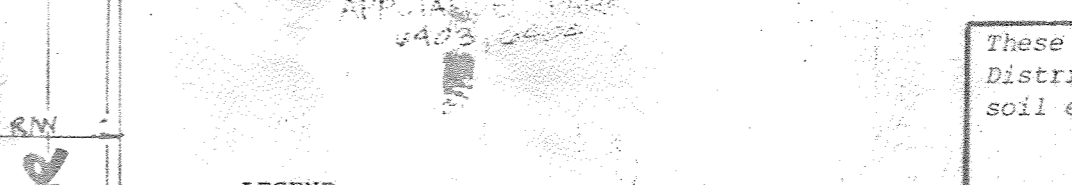
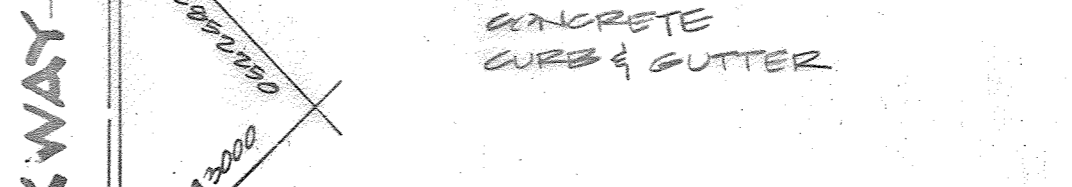
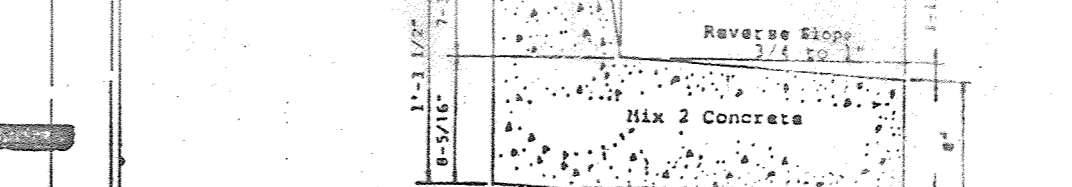
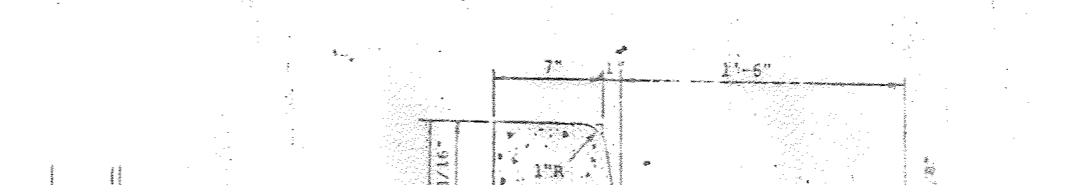
**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, JAMES M. HELM, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2024.  
 JAMES M. HELM, P.E.  
 NO. 21245, EXP. 06/09/24

**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, JAMES M. HELM, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2024.  
 JAMES M. HELM, P.E.  
 NO. 21245, EXP. 06/09/24

**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, JAMES M. HELM, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2024.  
 JAMES M. HELM, P.E.  
 NO. 21245, EXP. 06/09/24

**INDEX OF SHEETS**

- PLAN SHOWING LIMIT OF SUBMITTAL, PAVING SECTIONS, CURB SECTIONS
- PLAN SHOWING LIMIT OF SUBMITTAL
- SITE / STORMWATER MANAGEMENT PLAN - GENERAL NOTES
- SITE / STORMWATER MANAGEMENT PLAN
- SITE / STORMWATER MANAGEMENT PLAN
- ROAD PROFILES, BUILDING SECTIONS, TYPICAL SECTIONS
- STORM DRAIN DRAINAGE AREA MAP, HANDICAPPED DETAILS
- STORM DRAIN PROFILES
- STORM DRAIN PROFILES & DETAILS
- SANITARY SEWER PROFILES
- STORM WATER MANAGEMENT DRAINAGE AREA MAPS & MAINTENANCE SCHEDULE
- STORM WATER MANAGEMENT PROFILES & DETAILS
- SEDIMENT & EROSION CONTROL DRAINAGE AREA MAPS
- SEDIMENT & EROSION CONTROL PLAN
- SEDIMENT & EROSION CONTROL PLAN
- SEDIMENT & EROSION CONTROL PLAN
- SEDIMENT CONTROL PROFILES & DETAILS
- SEDIMENT CONTROL PROFILES & DETAILS
- LANDSCAPING PLAN
- LANDSCAPING PLAN
- LANDSCAPING PLAN



**APPROVED PLANNING BOARD OF HOWARD COUNTY**  
 DATE: 6-10-87  
*[Signature]*

**ADDRESS CHART**

BUILDING #	STREET ADDRESS
1	8830 MCGAW ROAD
2	8820 MCGAW ROAD

**SUBDIVISION NAME**  
 SIELING INDUSTRIAL CENTER  
 SECTION 1, AREA 1, PARCEL 1A

**SCALE:** 1"=100'  
**TAX MAP:** 30  
**PARCEL:** 330

**SEWER CODE:** 339000

**DATE:** 6-10-87

**SCALE:** 1"=100'

**TAX MAP:** 30

**PARCEL:** 330

**SEWER CODE:** 339000

**DATE:** 6-10-87

**SCALE:** 1"=100'

**TAX MAP:** 30

**PARCEL:** 330

**SEWER CODE:** 339000

**DATE:** 6-10-87

**SCALE:** 1"=100'

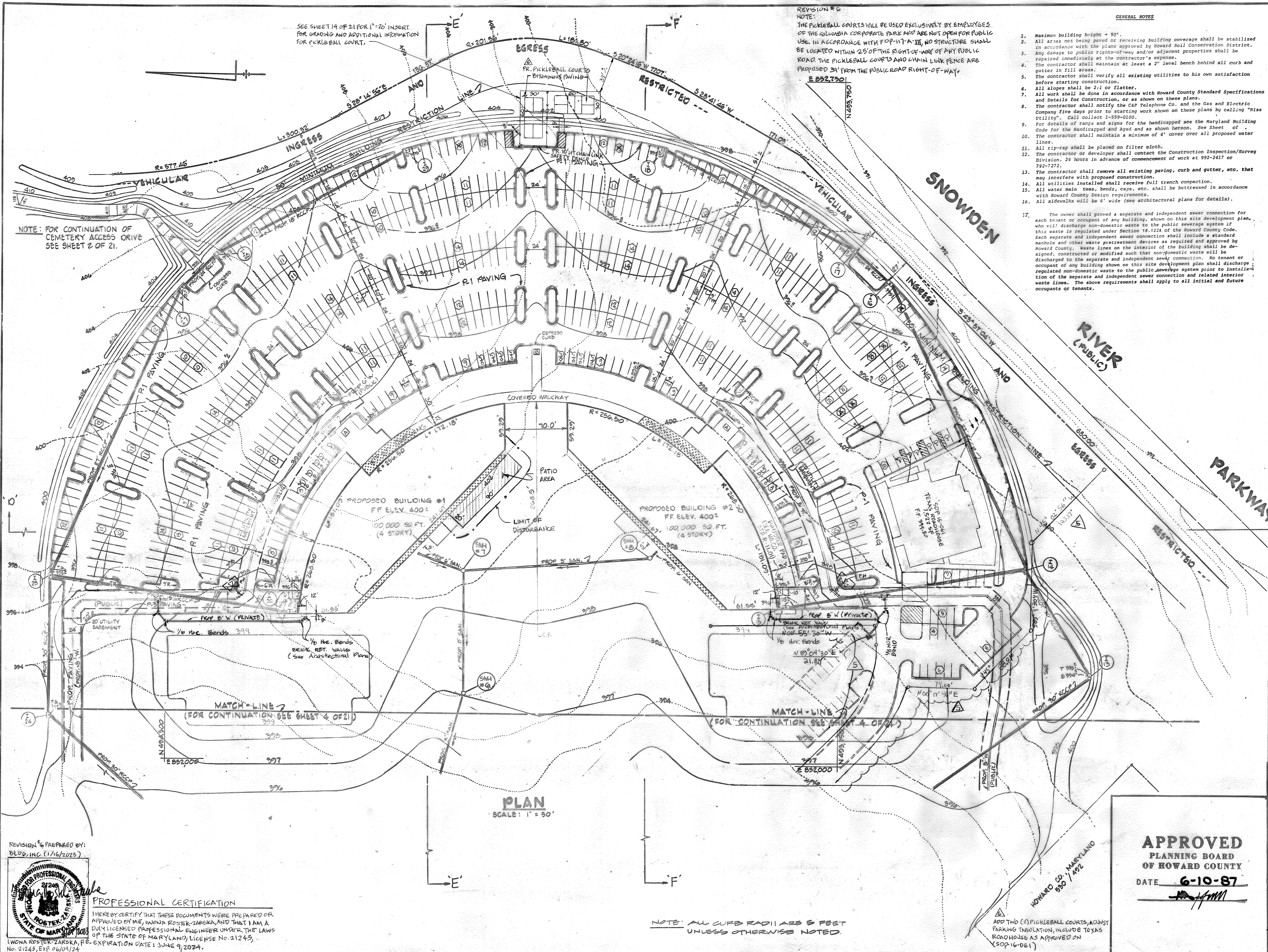
**TAX MAP:** 30

**PARCEL:** 330

**SEWER CODE:** 339000

**APPROVED PLANNING BOARD OF HOWARD COUNTY**  
 DATE: 6-10-87  
*[Signature]*

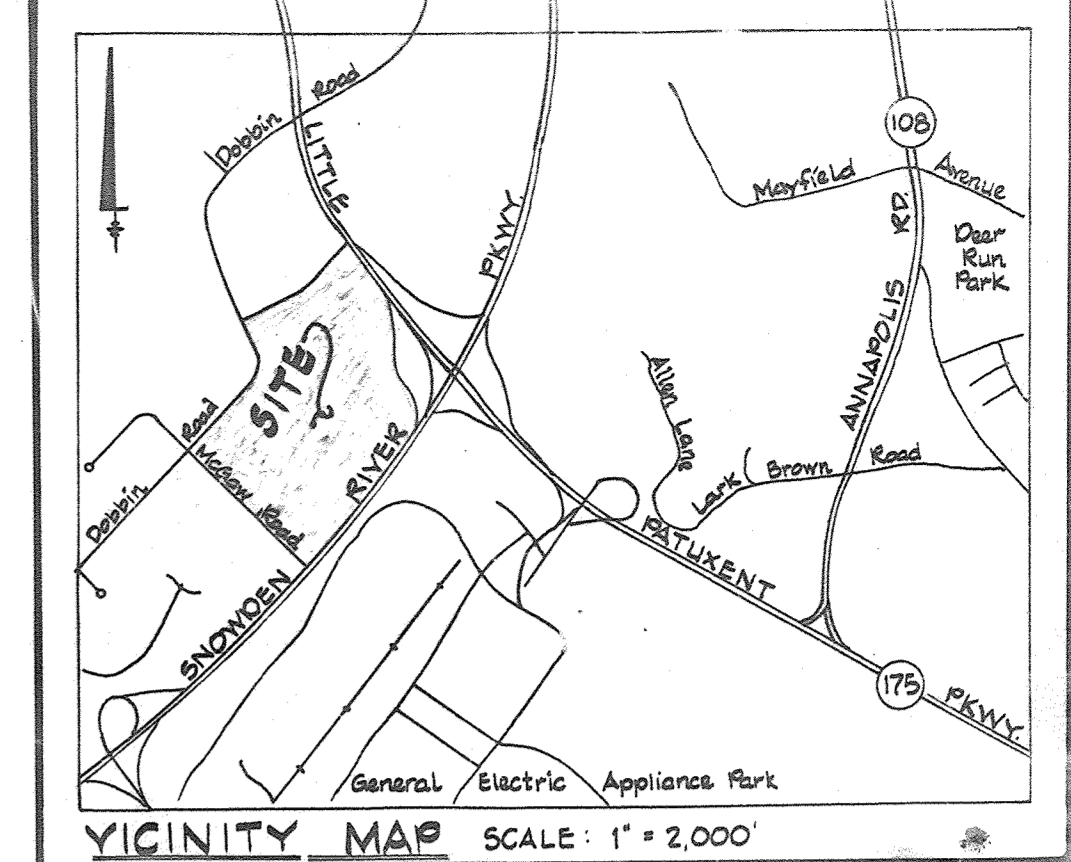




REVISION #6  
NOTE:  
THE PICKLEBALL COURTS WILL BE USED EXCLUSIVELY BY EMPLOYEES OF THE COLUMBIA CORPORATE PARK AND ARE NOT OPEN FOR PUBLIC USE. IN ACCORDANCE WITH F.P.P. 17A-III, NO STRUCTURE SHALL BE LOCATED WITHIN 25' OF THE RIGHT-OF-WAY OF ANY PUBLIC ROAD. THE PICKLEBALL COURTS AND CHAIN LINK FENCE ARE PROPOSED 31' FROM THE PUBLIC ROAD RIGHT-OF-WAY.  
E 8927501

GENERAL NOTES

- Maximum building height = 50'.
- All areas not being paved or receiving building coverage shall be stabilized in accordance with the plans approved by Howard Soil Conservation District.
- Any damage to public rights-of-way and/or adjacent properties shall be repaired immediately at the contractor's expense.
- The contractor shall maintain at least a 2" level bench behind all curb and gutter in fill areas.
- The contractor shall verify all existing utilities to his own satisfaction before starting construction.
- All slopes shall be 2:1 or flatter.
- All work shall be done in accordance with Howard County Standard Specifications and Details for Construction, or as shown on these plans.
- The contractor shall notify the CSP Telephone Co. and the Gas and Electric Company five days prior to starting work shown on these plans by calling "Miss Utility", call collect 1-559-0100.
- For details of signs and signs for the handicapped see the Maryland Building Code for the Handicapped and as shown hereon. See Sheet of the contractor shall maintain a minimum of 4' cover over all proposed water lines.
- All rip-rap shall be placed on filter cloth.
- The contractor or developer shall contact the Construction Inspection/Survey Division, 24 hours in advance of commencement of work at 992-2417 or 792-7272.
- The contractor shall remove all existing paving, curb and gutter, etc. that may interfere with proposed construction.
- All utilities installed shall receive full trench compaction.
- All water main tees, bends, caps, etc. shall be buttressed in accordance with Howard County Design Requirements.
- All sidewalks will be 6' wide (see architectural plans for details).
- The owner shall provide a separate and independent sewer connection for each tenant or occupant of any building shown on this site development plan, who will discharge non-domestic waste to the public sewerage system if this waste is regulated under Section 18.122A of the Howard County Code. Each separate and independent sewer connection shall include a standard manhole and other waste pretreatment devices as required and approved by Howard County. Waste lines on the interior of the building shall be designed, constructed or modified such that non-domestic waste will be discharged to the separate and independent sewer connection. No tenant or occupant of any building shown on this site development plan shall discharge regulated non-domestic waste to the public sewerage system prior to installation of the separate and independent sewer connection and related interior waste lines. The above requirements shall apply to all initial and future occupants or tenants.



SITE DATA

TOTAL AREA OF SITE - 88.00 AC. / 3,859,180 SQ. FT.  
AREA OF SUBMITTAL - 37.93 AC.  
EXISTING ZONING - N.P. - EMPLOYMENT CENTER INDUSTRIAL (FOP-117A)  
PROPERTY REFERENCE - 0685-0693 SEILING INDUSTRIAL CENTER SECTION 1 AREA 1 PARCEL 'A' FOR PLAT NO. 23 VOL 10 17

EXISTING USE - VACANT  
PROPOSED USE - OFFICE  
TOTAL FLOOR AREA - 200,000 S.F. - 4 STORIES PER BLDG. (25,000 SQ. FT. PER STORY)  
FLOOR AREA RATIO - 200,000 S.F. / 37.93 AC. = 5.22%  
% OPEN SPACE - 76.81 AC. / 88.00 AC. = 87.28%  
% BUILDING COVERAGE (W/PAVING) - 11.19 AC. / 37.93 AC. = 29.50%  
% BUILDING COVERAGE - 50,000 S.F. / 1.15 AC. / 88.00 AC. = 1.31%  
AREA TO BE DISTURBED - 37.93 AC.  
AREA TO BE VEGETATIVELY STABILIZED - 26.74 AC.  
TOTAL AREA OF PARKING AREA - 313,900 S.F. / 7.21 AC.  
TOTAL AREA OF LANDSCAPED AREA - 18,525 S.F. / 0.43 AC.  
% OF LANDSCAPED ISLANDS - 0.43 AC. / 7.21 AC. = 5.96%  
PARKING PROVIDED - 400 P.S.  
PARKING REQUIRED - 369 P.S. (INCLUDES 18 HANDICAPPED)

PARKING TABULATION

PARKING REQUIRED  
BUILDING #1 200,000 S.F.  
BUILDING #2 200,000 S.F.  
PROPOSED USE - OFFICE = 200,000 S.F. 2 P.S. REQ'D PER 1,000 S.F. (IN ACCORDANCE WITH F.P.P. 117A)  
TOTAL PARKING REQUIRED = 400 P.S.  
TOTAL PARKING PROVIDED = 784 P.S. (INCLUDES 18 HANDICAPPED)

These plans have been reviewed for the Howard Soil Conservation District meet the technical requirements for small pond construction, soil erosion and sediment control.

James McElhin 9-15-87  
U.S. Soil Conservation Service Date

Approved: Robert W. Ziehm 9-15-87  
Howard Soil Conservation District Date

Plan Number  
APPROVED: For public water and public sewerage systems  
Howard County Health Department.

Approved: Ryan Bogdan 10-1-87  
County Health Officer Date

APPROVED: Howard County Office of Planning & Zoning.

Uni P. Am. 10-5-87  
Director Date

Approved: J. Shull Macchman 10-2-87  
Chief Division of Land Development & Zoning Administration Date

APPROVED: For public water and public sewerage storm drainage systems and public roads Howard County Department of Public Works.

Approved: Ramon M. Alvarado 9/30/87  
Director Date

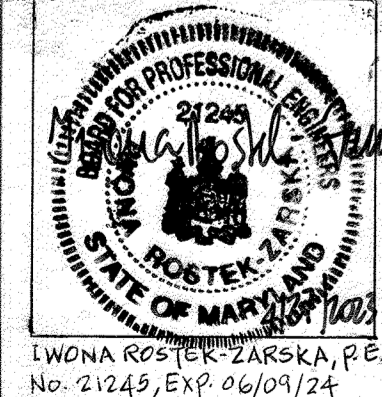
Approved: R. Case in S. Ray 9-22-87  
Chief Bureau of Engineering Date

APPROVED  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE 6-10-87  
[Signature]

NOTE: FOR CONTINUATION OF CEMETERY ACCESS DRIVE SEE SHEET 2 OF 21.

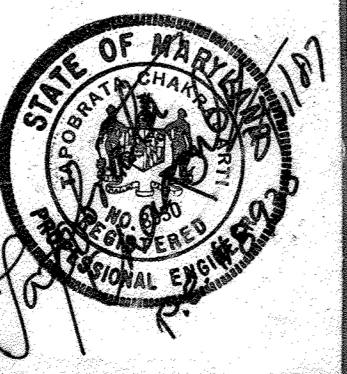
SEE SHEET 14 OF 21 FOR 1"=20' INSERT FOR GRADING AND ADDITIONAL INFORMATION FOR PICKLEBALL COURT.

REVISION #6 PREPARED BY: BLDG. INC. (1/16/2023)



PROFESSIONAL CERTIFICATION  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, GEORGE WILLIAM STEPHENS, JR. AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2024.

**GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.**  
CIVIL ENGINEERS & LAND SURVEYORS  
303 ALLEGHENY AVENUE  
TOWSON, MARYLAND 21204  
(301) 825-8120



ENGINEER'S CERTIFICATE  
I CERTIFY THAT THIS PLAN FOR S.W.N. FACILITY CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENT 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 NOTICED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH A RED-LINED "AS-BUILT" OF THE S.W.N. FACILITY WITHIN 30 DAYS OF COMPLETION.  
ENGINEER: Faberata Chavarria  
REG. NO.: 2920 DATE: 3/31/87

OWNER  
WESTERN ELECTRIC COMPANY  
1 OAK WAY  
BERKLEY HEIGHTS, NEW JERSEY 07022

DEVELOPER  
McGILL DEVELOPMENT COMPANY  
6430 DOBBIN ROAD  
COLUMBIA, MARYLAND 21045

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 PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZED 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. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH A RED-LINED "AS-BUILT" OF THE S.W.N. FACILITY WITHIN 30 DAYS OF COMPLETION.  
DEVELOPER: Christopher W. Kurz  
DATE: 3/23/87  
TITLE: CHAIRMAN

DESIGNED BY: K.L.B.  
DRAWN BY: K.L.B.  
CHECKED BY: T.C.  
REVISIONS  
REV. 5/11/84, G.W.S. ADDS ACCESS TO PICKLEBALL PARKING # - Relocate F.H. # While @ Building # 142  
REV. 4/29/84 BY G.W.S. STEPHENS, ADDED PATIO AREA TO BLDG. #1

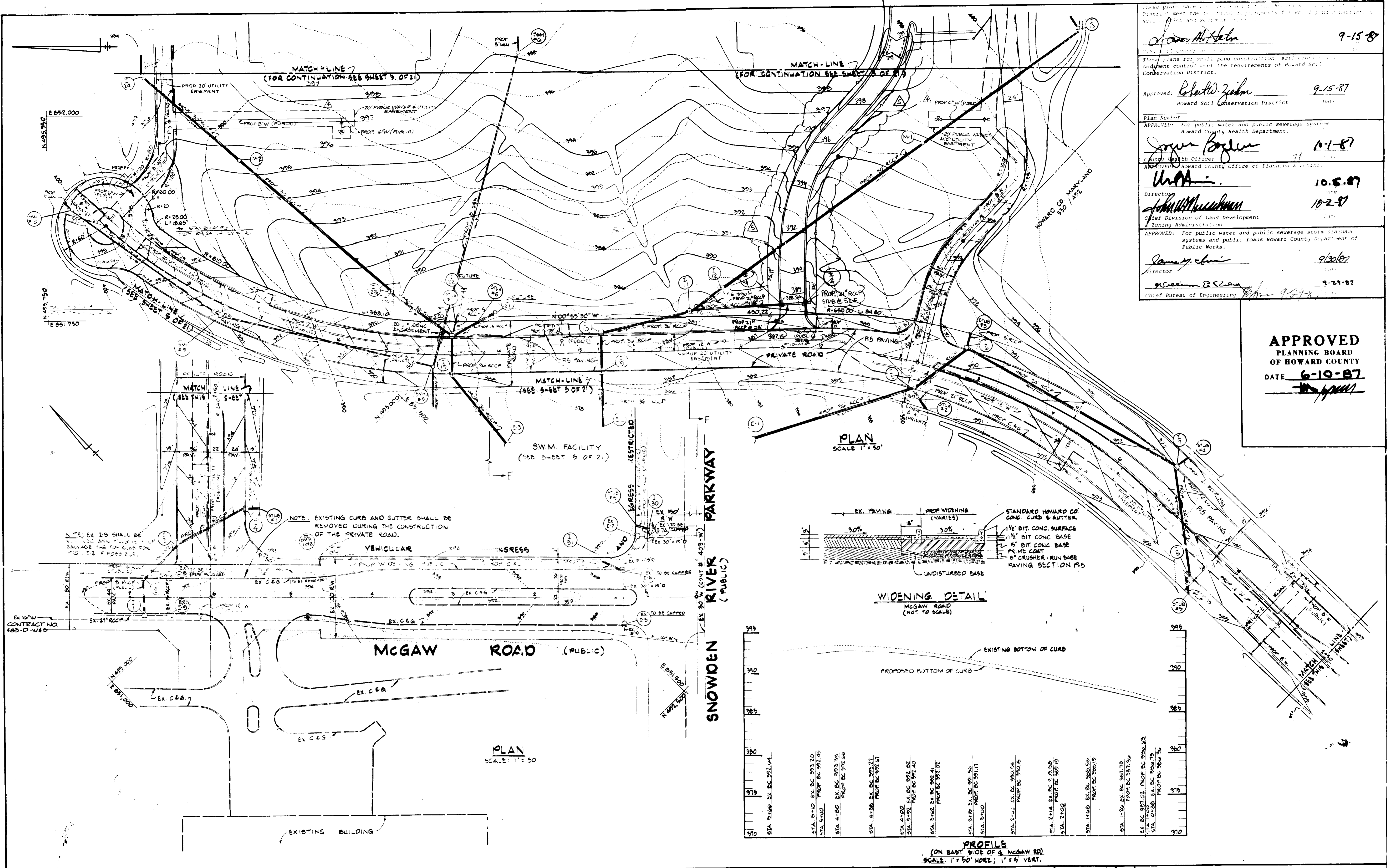
SITE AND STORM WATER MANAGEMENT PLAN  
**COLUMBIA CORPORATE PARK**  
SEILING INDUSTRIAL CENTER  
SECTION 1, AREA 1, PARCEL 'A'  
TAX MAP #36 PARCEL 956  
HOWARD COUNTY, MARYLAND ELECTION DISTRICT #6  
SCALE AS SHOWN MARCH 29, 1987  
P.N. 05607 SHEET #3 OF 21

NOTE: ALL CURB RADIUS ARE 5 FEET UNLESS OTHERWISE NOTED.









These plans have been prepared in accordance with the requirements of the Howard Soil Conservation District.

Approved: *Robert W. Ziehm* 9-15-87  
Howard Soil Conservation District

Plan Number: \_\_\_\_\_  
APPROVED: For public water and public sewerage system  
Howard County Health Department.

Approved: *Joseph P. Bogen* 10-1-87  
County Health Officer

Approved: *W.H.A.* 10-5-87  
Howard County Office of Planning & Zoning

Director: *John W. Mueselmann* 10-2-87  
Chief Division of Land Development & Zoning Administration

APPROVED: For public water and public sewerage storm drain systems and public roads Howard County Department of Public Works.

Approved: *James M. Clark* 9/30/87  
Director

Approved: *James M. Clark* 9-23-87  
Chief Bureau of Engineering

**APPROVED**  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE 6-10-87

**GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.**  
CIVIL ENGINEERS & LAND SURVEYORS  
303 ALLEGHENY AVENUE  
TOWSON, MARYLAND 21204  
(301)825-8120



**ENGINEER'S CERTIFICATE**  
I CERTIFY THAT THIS PLAN FOR SW.M. FACILITY CONSTRUCTION, SHOWING AND DESCRIBED LOCATED, REPRESENT 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 A RED-LINED "AS-BUILT" OF THE SW.M. FACILITY WITHIN 30 DAYS OF COMPLETION.

ENGINEER: *Robert W. Ziehm*  
DATE: 2/1/87

**OWNER**  
WESTERN ELECTRIC COMPANY  
1 OAK WAY  
BERKLEY HEIGHTS, NEW JERSEY 07022

**DEVELOPER**  
MCGILL DEVELOPMENT COMPANY  
6430 DOBBIN ROAD  
COLUMBIA, MARYLAND 21045

**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 PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED PROGRAM FOR THE CONTROL OF EROSION AND SEDIMENT BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERSONS 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. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH A RED-LINED "AS-BUILT" OF THE SW.M. FACILITY WITHIN 30 DAYS OF COMPLETION.

DEVELOPER: *Christopher W. Kline*  
DATE: 2/1/87

DESIGNED BY: K.L.B.  
DRAWN BY: K.L.B.  
CHECKED BY: T.G.

**REVISIONS**

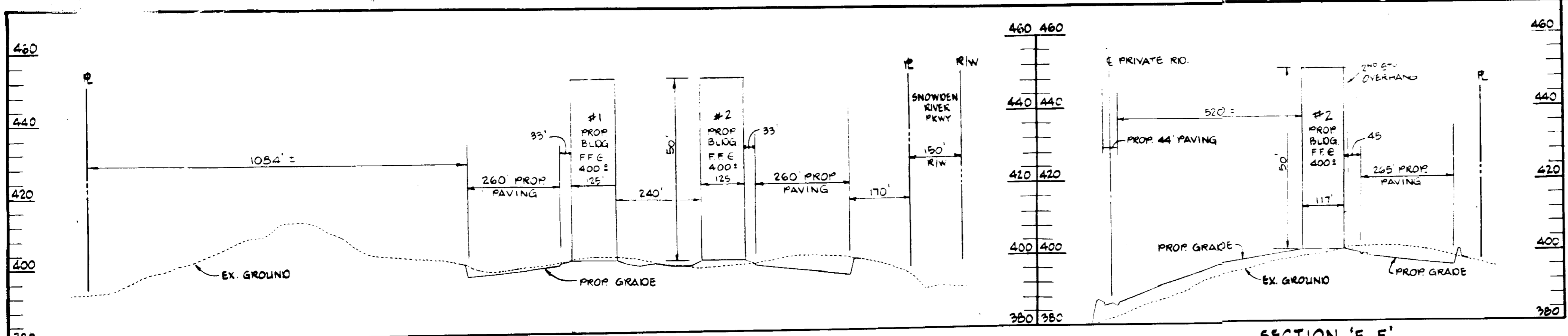
1. REVISED AS PER COMMENTS FROM HOWARD SOIL CONSERVATION DISTRICT

**SITE AND STORM WATER MANAGEMENT PLAN**  
**COLUMBIA CORPORATE PARK**  
SECTION 1, AREA 1, PARCEL 'A'  
TAX MAP # 36 PARCEL 356  
HOWARD COUNTY, MARYLAND ELECTION DISTRICT #6  
SCALE AS SHOWN MARCH 23, 1987  
PN. 05607 SHEET # 4 OF 21



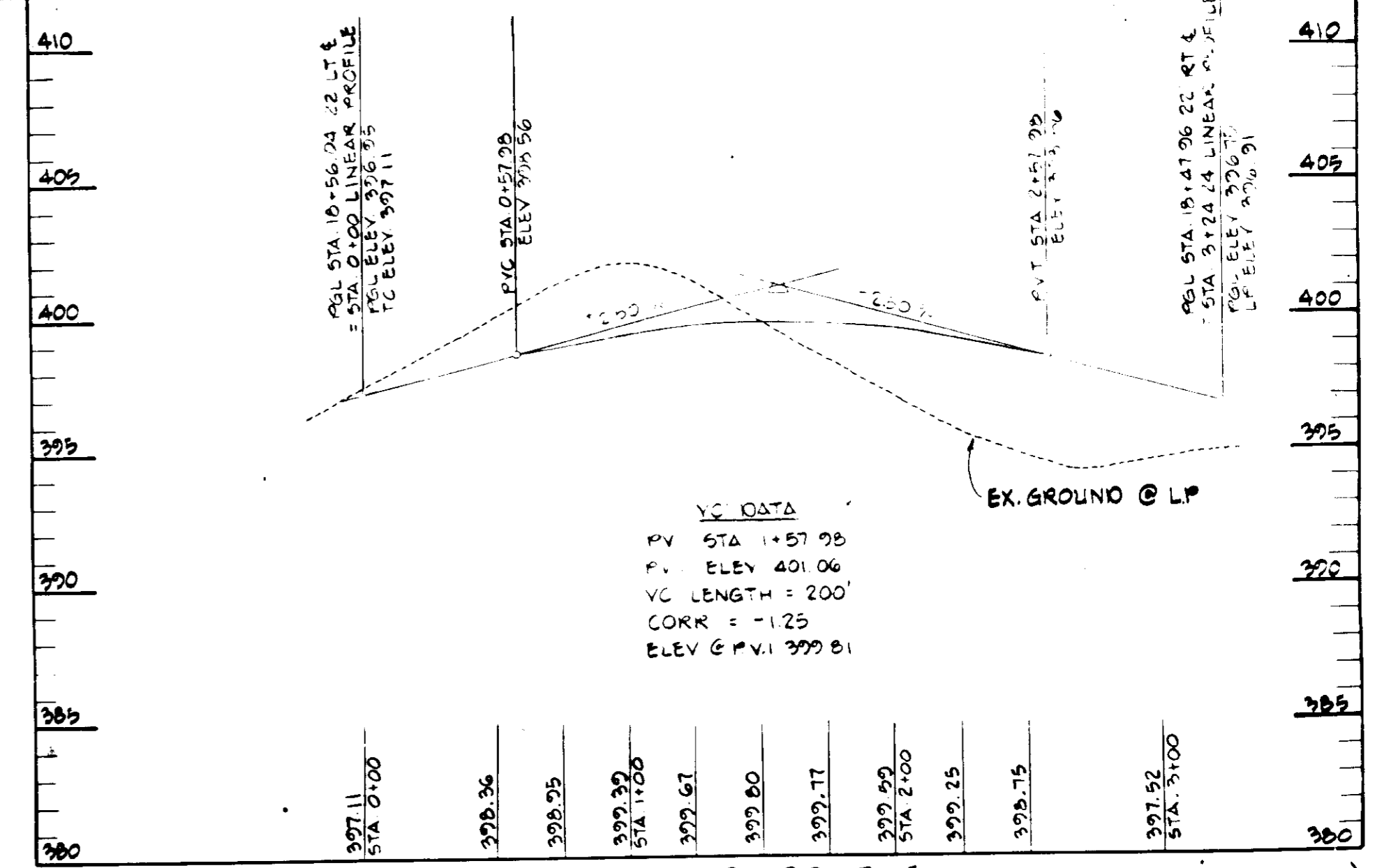




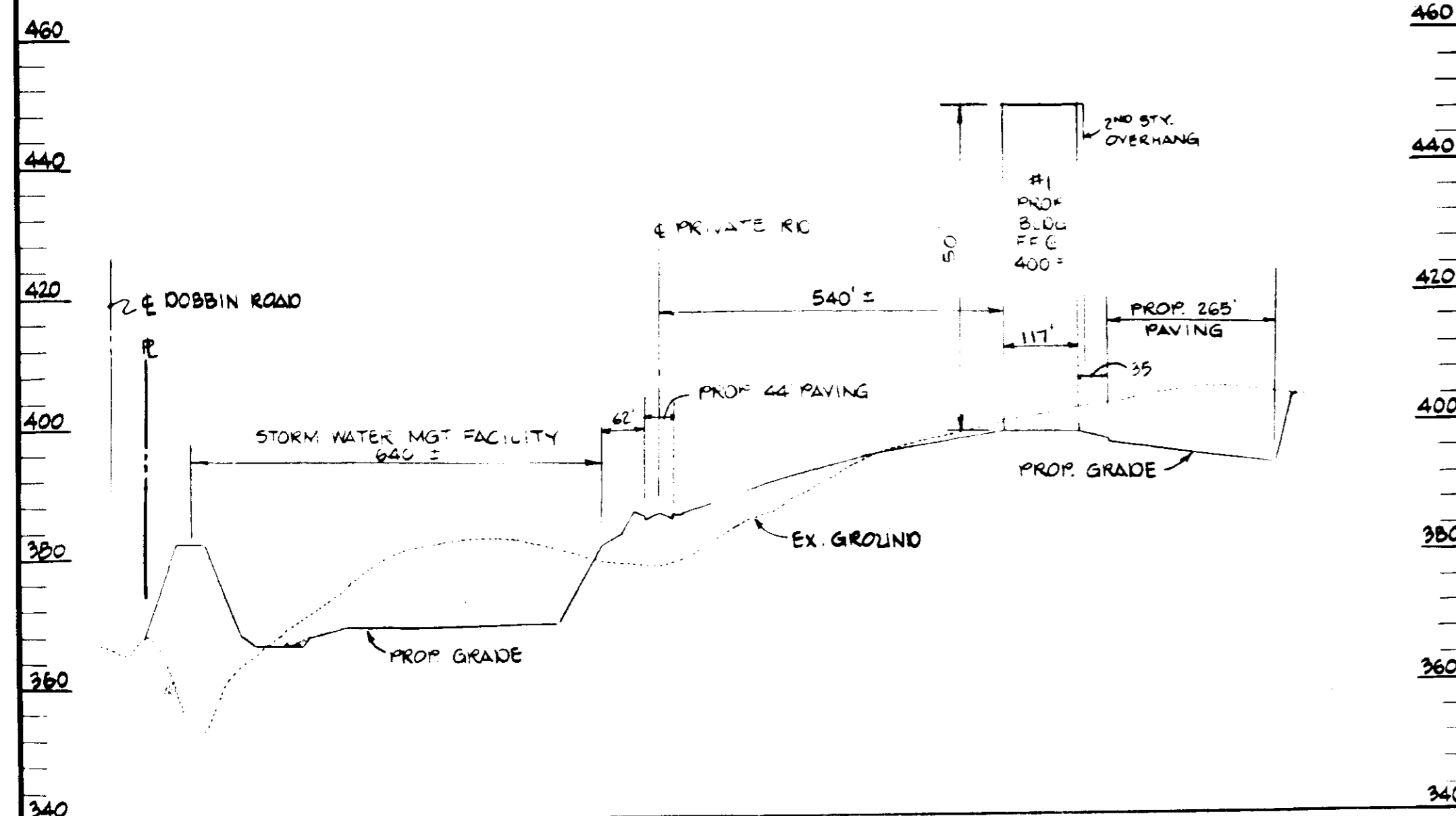


**SECTION 'D-D'**  
SCALE: 1" = 200' HORIZ.  
1" = 20' VERT.

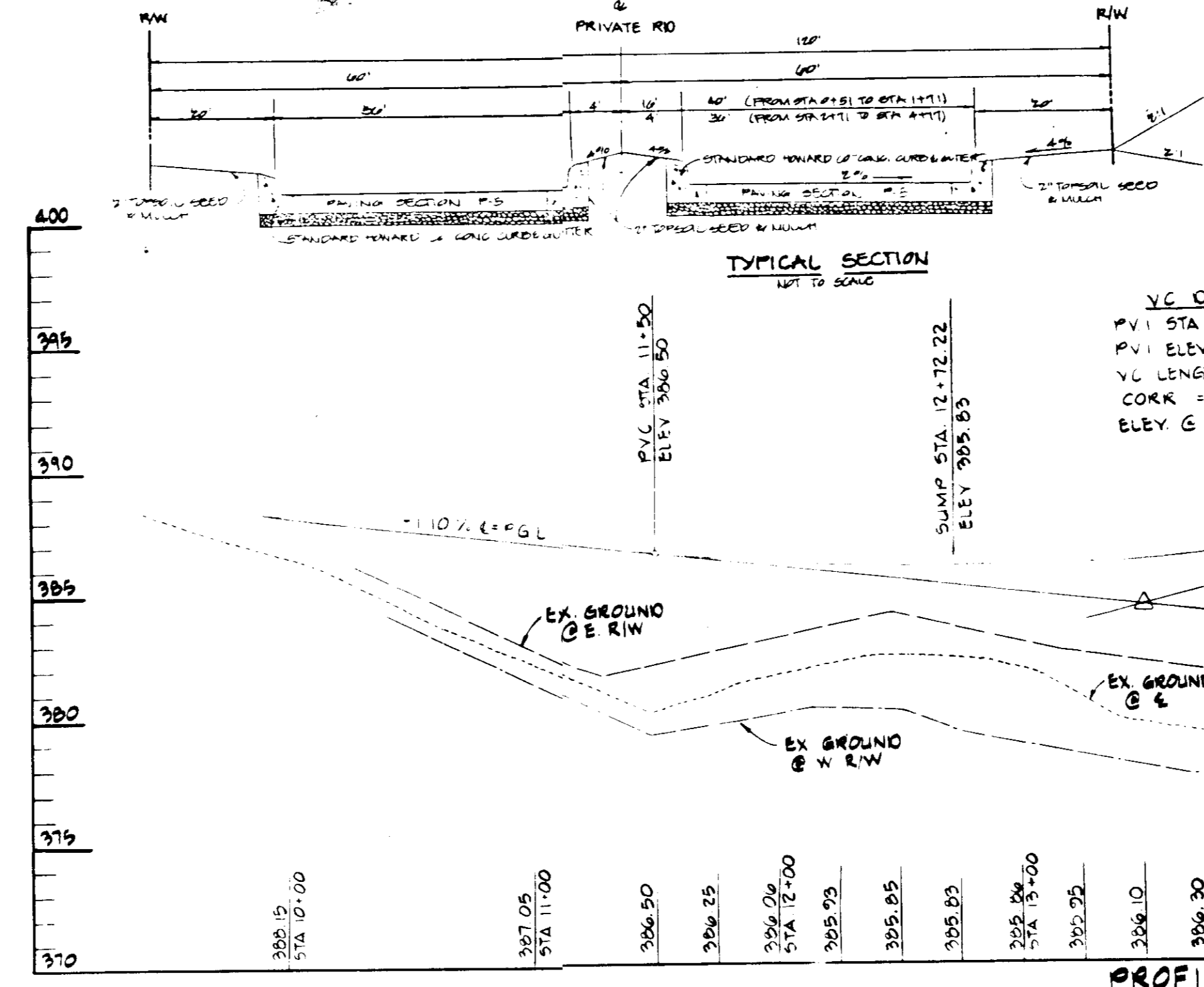
**SECTION 'F-F'**  
SCALE: 1" = 200' HORIZ.  
1" = 20' VERT.



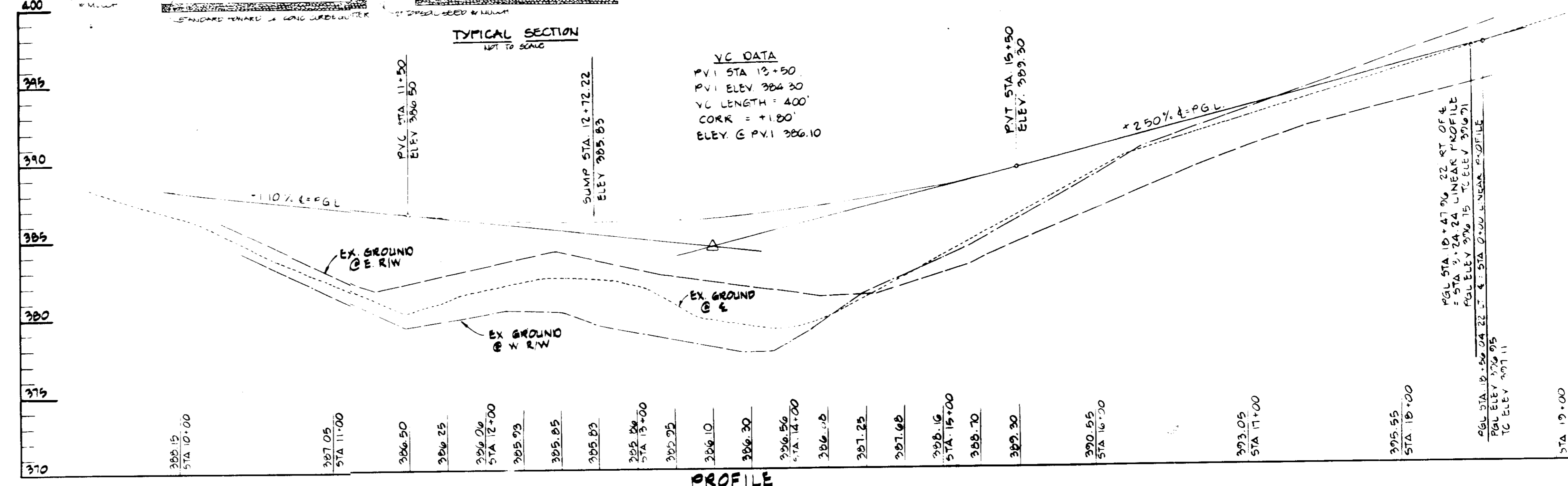
**LINEAR PROFILE (FOR PRIVATE ROAD 'CUL-DE-SAC')**  
SCALE: 1" = 50' HORIZ.  
1" = 5' VERT.



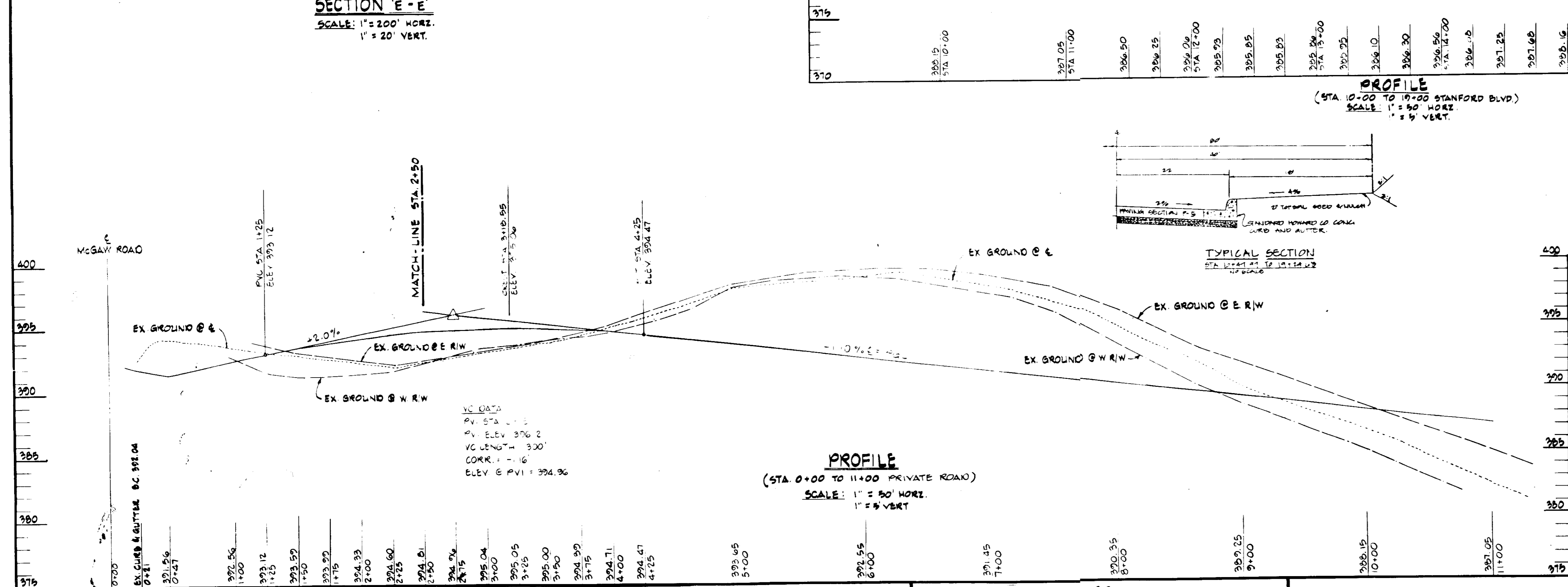
**SECTION 'E-E'**  
SCALE: 1" = 200' HORIZ.  
1" = 20' VERT.



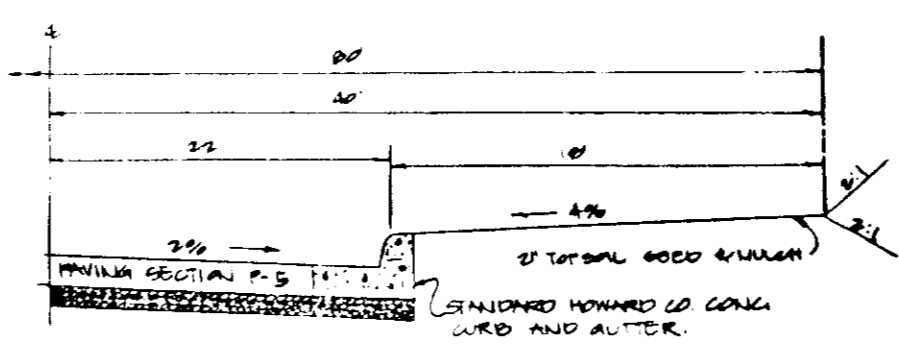
**TYPICAL SECTION**  
1/4" = 1' VERT.



**PROFILE**  
(STA 10+00 TO 19+00 STANFORD BLVD)  
SCALE: 1" = 50' HORIZ.  
1" = 5' VERT.



**PROFILE**  
(STA 0+00 TO 11+00 PRIVATE ROAD)  
SCALE: 1" = 50' HORIZ.  
1" = 5' VERT.

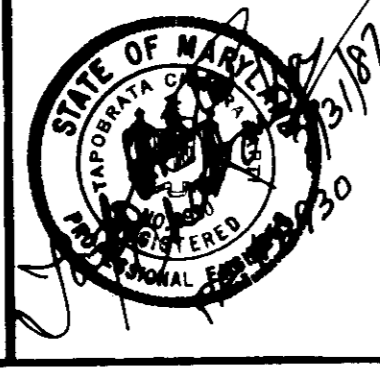


**TYPICAL SECTION**  
1/4" = 1' VERT.

**APPROVED**  
**PLANNING BOARD**  
**OF HOWARD COUNTY**  
DATE: 6-10-87

These plans have been reviewed for the Howard Soil Conservation District meet the technical requirements for small pond construction, soil erosion and sediment control.	
<i>James M. Helm</i>	9-15-87
U.S. Soil Conservation Service	
These plans for small pond construction, soil erosion and sediment control meet the requirements of Howard Soil Conservation District.	
<i>Robert J. Zimm</i>	9-15-87
Approved: Howard Soil Conservation District	
Plan Number	
APPROVED: For public water and public sewerage systems Howard County Health Department.	
<i>Joyann Bogdan</i>	10-1-87
County Health Officer	
<i>U.S.P.A.</i>	10-2-87
Director	
<i>John M. ...</i>	10-2-87
Chief Division of Land Development & Zoning Administration	
APPROVED: For public water and public sewerage state financial systems and public roads Howard County Department of Public Works.	
<i>James M. Helm</i>	9/30/87
Director	
<i>William D. Ray</i>	9-21-87
Chief Bureau of Engineering	

**GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.**  
CIVIL ENGINEERS & LAND SURVEYORS  
303 ALLEGHENY AVENUE  
TOWSON, MARYLAND 21204  
(301) 825-8120



**ENGINEER'S CERTIFICATE**  
I CERTIFY THAT THIS PLAN FOR S.W.N. FACILITY CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENT 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 SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. I HAVE ADVISED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH A RED-LINED "AS-BUILT" OF THE S.W.N. FACILITY WITHIN 30 DAYS OF COMPLETION.  
ENGINEER: *George W. Stephens, Jr.*  
DATE: 3/2/87

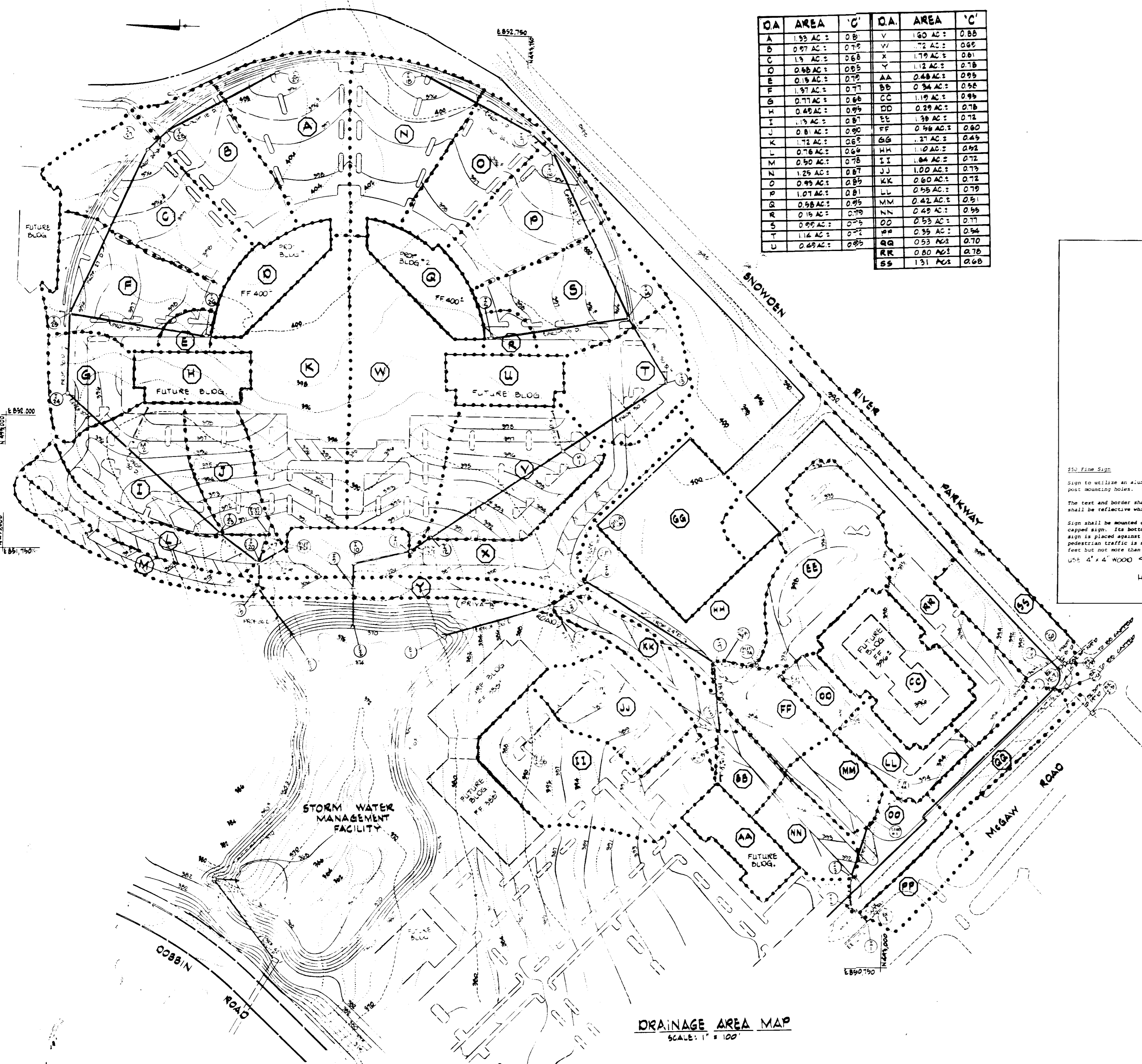
**OWNER**  
WESTERN ELECTRIC COMPANY  
1 OAK WAY  
BERKLEY HEIGHTS, NEW JERSEY 07922  
**DEVELOPER**  
MCGILL DEVELOPMENT COMPANY  
6430 DOBBIN ROAD  
COLUMBIA, MARYLAND 21045

**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 PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. 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. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH A RED-LINED "AS-BUILT" OF THE S.W.N. FACILITY WITHIN 30 DAYS OF COMPLETION.  
DEVELOPER: *Christopher M. ...* DATE: 3/2/87

DESIGNED BY: W.Z.N.S.  
DRAWN BY: K.L.B.  
CHECKED BY:  
REVISIONS

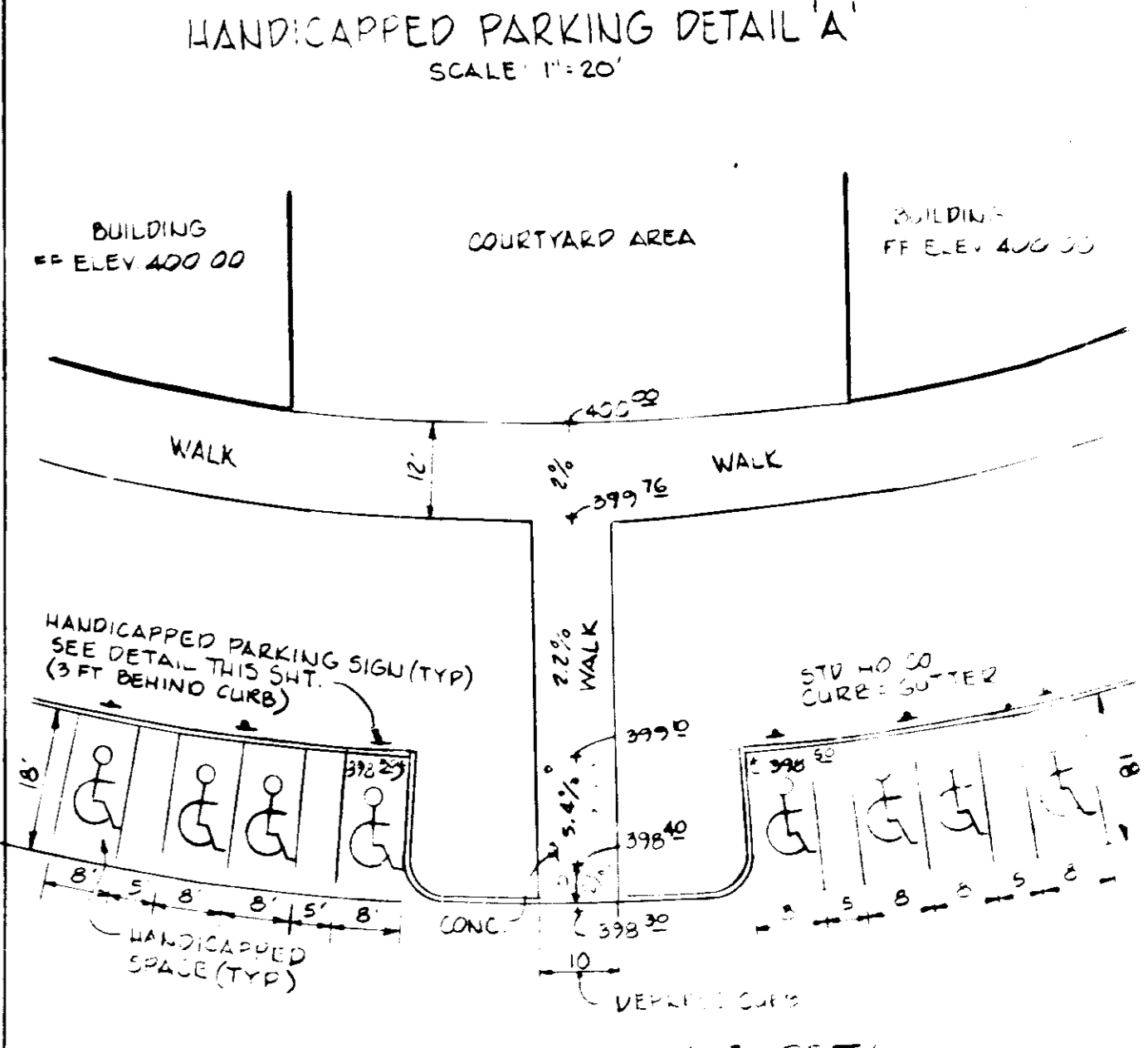
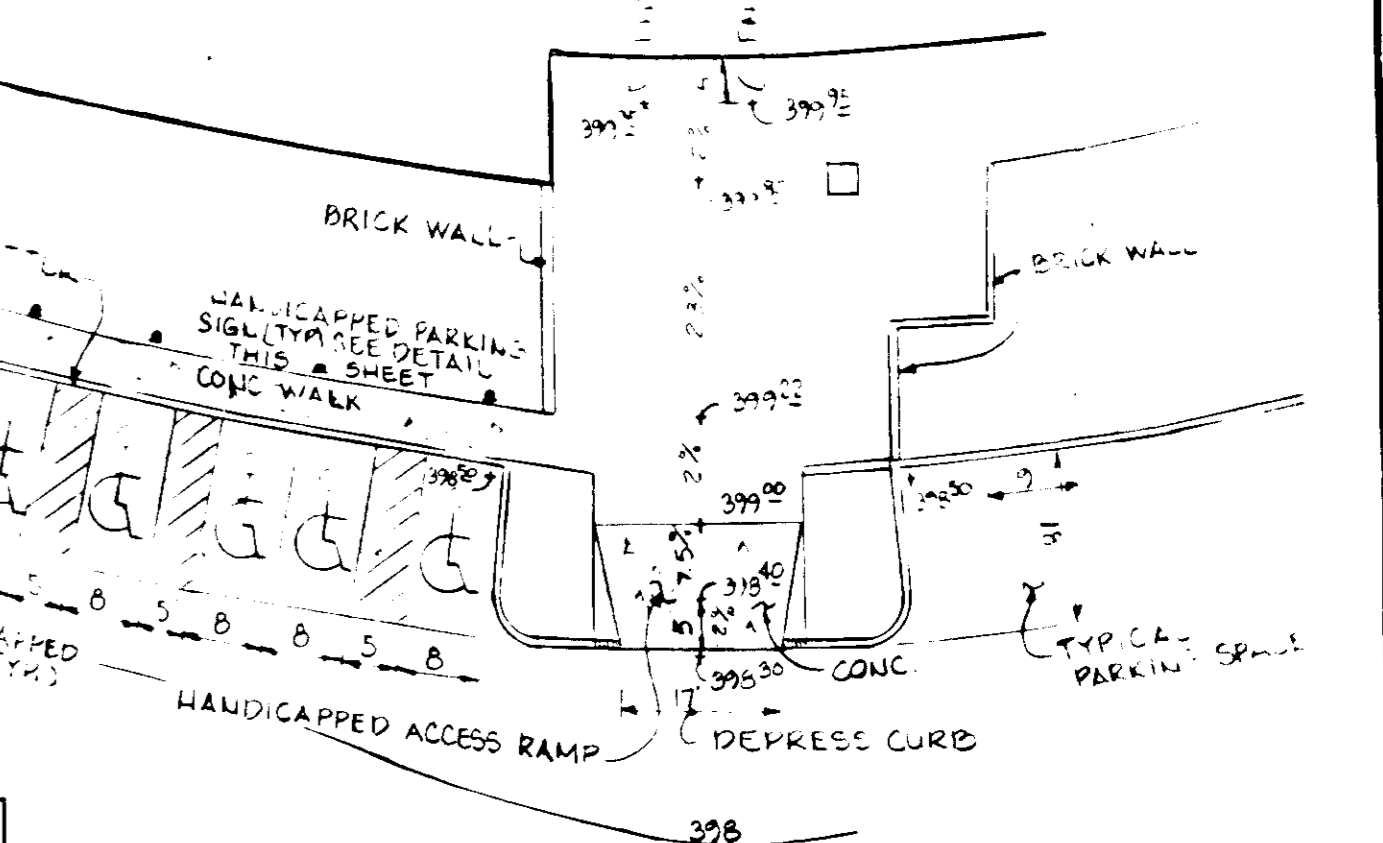
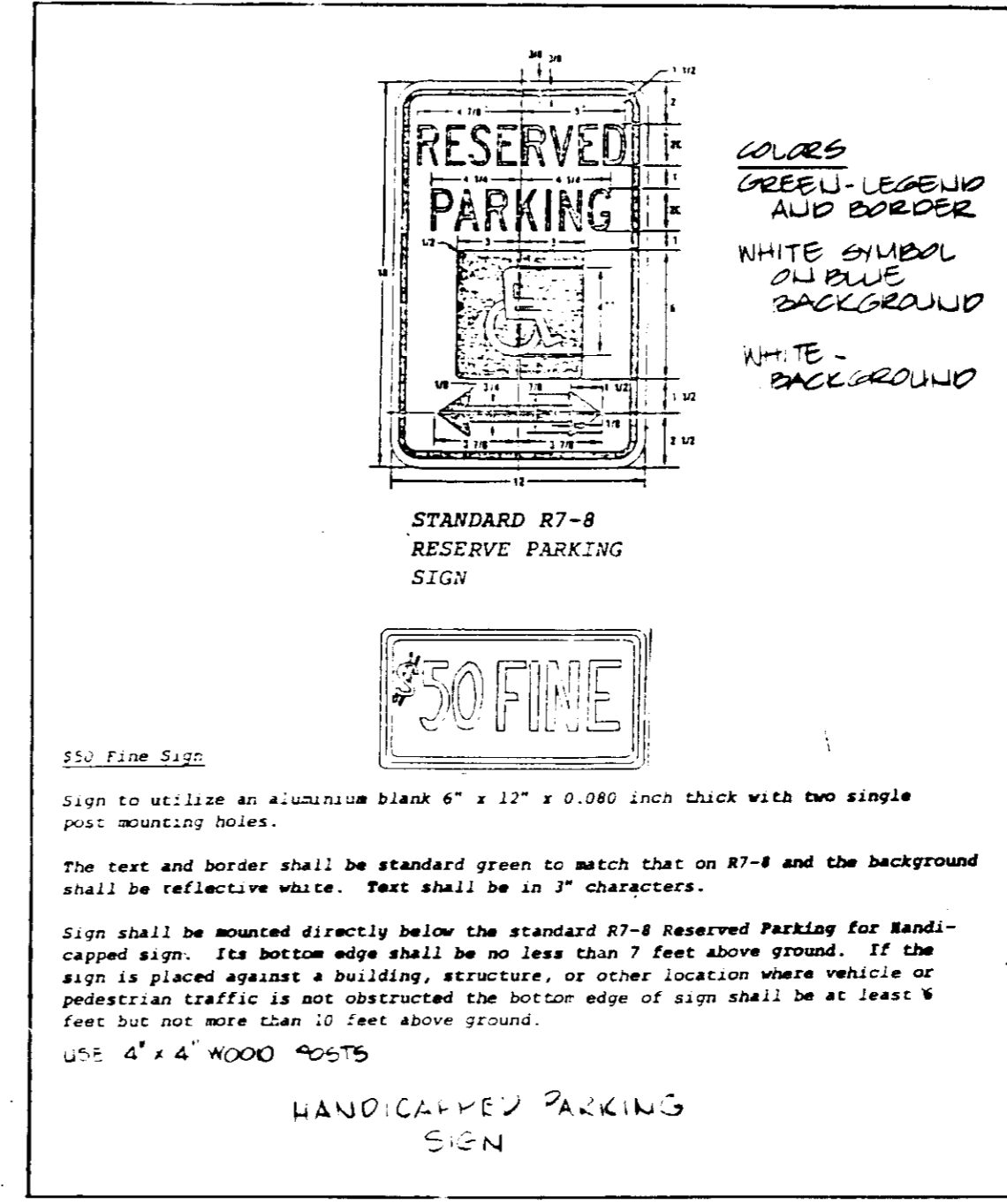
**COLUMBIA CORPORATE PARK**  
SIELING INDUSTRIAL CENTER  
SECTION 1, AREA 1, PARCEL 'A'  
TAX MAP #36 PARCEL 396  
HOWARD COUNTY, MARYLAND ELECTION DISTRICT #6  
SCALE AS SHOWN MARCH 23, 1987  
P.N. 05607 SHEET #2 OF 21





O.A.	AREA	'C'	O.A.	AREA	'C'
A	1.33 AC	0.81	V	1.60 AC	0.88
B	0.97 AC	0.78	W	1.72 AC	0.86
C	1.19 AC	0.68	X	1.79 AC	0.81
D	0.68 AC	0.85	Y	1.12 AC	0.78
E	0.19 AC	0.78	AA	0.48 AC	0.95
F	1.37 AC	0.71	BB	0.34 AC	0.96
G	0.77 AC	0.66	CC	1.19 AC	0.95
H	0.48 AC	0.94	DD	0.29 AC	0.78
I	1.15 AC	0.81	EE	1.39 AC	0.72
J	0.81 AC	0.90	FF	0.56 AC	0.80
K	1.71 AC	0.68	GG	1.21 AC	0.49
L	0.76 AC	0.64	HH	1.10 AC	0.92
M	0.90 AC	0.78	II	1.04 AC	0.72
N	1.25 AC	0.87	JJ	1.00 AC	0.73
O	0.93 AC	0.85	KK	0.60 AC	0.72
P	1.07 AC	0.81	LL	0.55 AC	0.79
Q	0.98 AC	0.95	MM	0.42 AC	0.51
R	0.16 AC	0.78	NN	0.49 AC	0.55
S	0.95 AC	0.75	OO	0.53 AC	0.77
T	1.14 AC	0.71	PP	0.35 AC	0.54
U	0.49 AC	0.85	QQ	0.53 AC	0.70
			RR	0.80 AC	0.78
			SS	1.31 AC	0.68

**DRAINAGE AREA MAP**  
SCALE: 1" = 100'



These plans have been reviewed for the Howard Soil Conservation District meet the technical requirements for small pond construction, soil erosion and sediment control.

*James McVee* 9-15-87  
U.S. Soil Conservation Service

Approved: *Robert Ziehn* 9-15-87  
Howard Soil Conservation District

Plan Number: \_\_\_\_\_  
APPROVED: For public water and public sewerage systems  
Howard County Health Department.

*Joyce Boxler* 10-1-87  
County Health Officer

APPROVED: Howard County Office of Planning & Zoning  
*W.A.H.* 10-5-87  
Director

*John M. ...* 10-2-87  
Chief Division of Land Development & Zoning Administration

APPROVED: For public water and public sewerage storm drainage systems and public roads Howard County Department of Public Works.  
*James ...* 9/20/87  
Director

*William B. ...* 9-23-87  
Chief Bureau of Engineering

**APPROVED**  
**PLANNING BOARD**  
**OF HOWARD COUNTY**  
DATE: 6-10-87

**GWS**  
**GEORGE WILLIAM STEPHENS, JR.**  
**AND ASSOCIATES, INC.**  
CIVIL ENGINEERS & LAND SURVEYORS  
303 ALLEGHENY AVENUE  
TOWSON, MARYLAND 21204  
(301) 825-8120



**ENGINEER'S CERTIFICATE**  
I CERTIFY THAT THIS PLAN FOR S.W.M. FACILITY CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENT 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 A RED-LINED "AS-BUILT" OF THE S.W.M. FACILITY WITHIN 30 DAYS OF COMPLETION.  
ENGINEER: *George W. Stephens*  
REG. NO.: 12345 DATE: 3/31/87

**OWNER**  
WESTERN ELECTRIC COMPANY  
1 DAK WAY  
BERKLEY HEIGHTS, NEW JERSEY 07022

**DEVELOPER**  
MCGILL DEVELOPMENT COMPANY  
6430 DOBBIN ROAD  
COLUMBIA, MARYLAND 21045

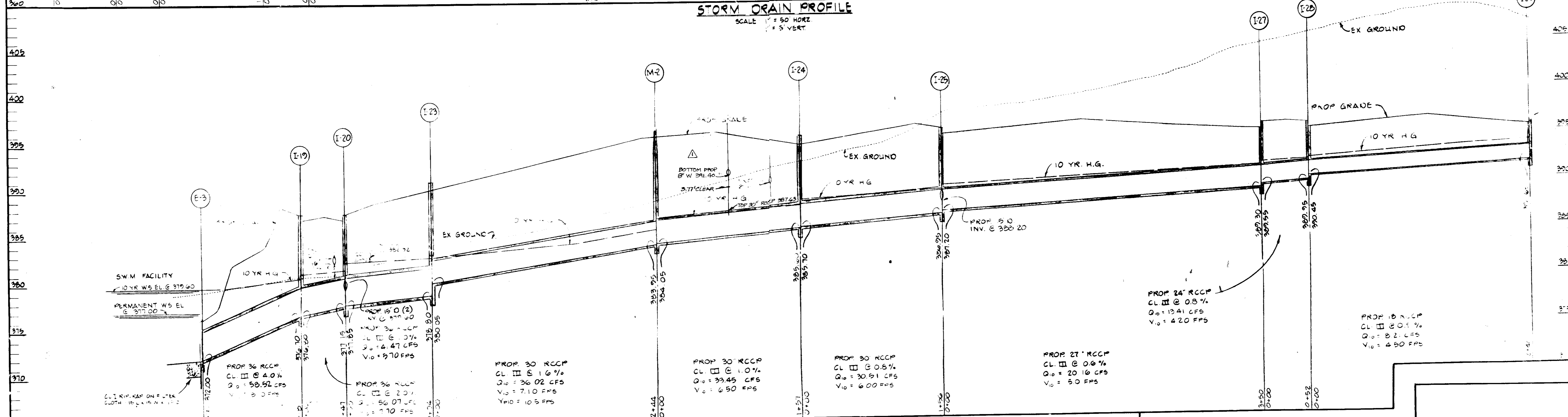
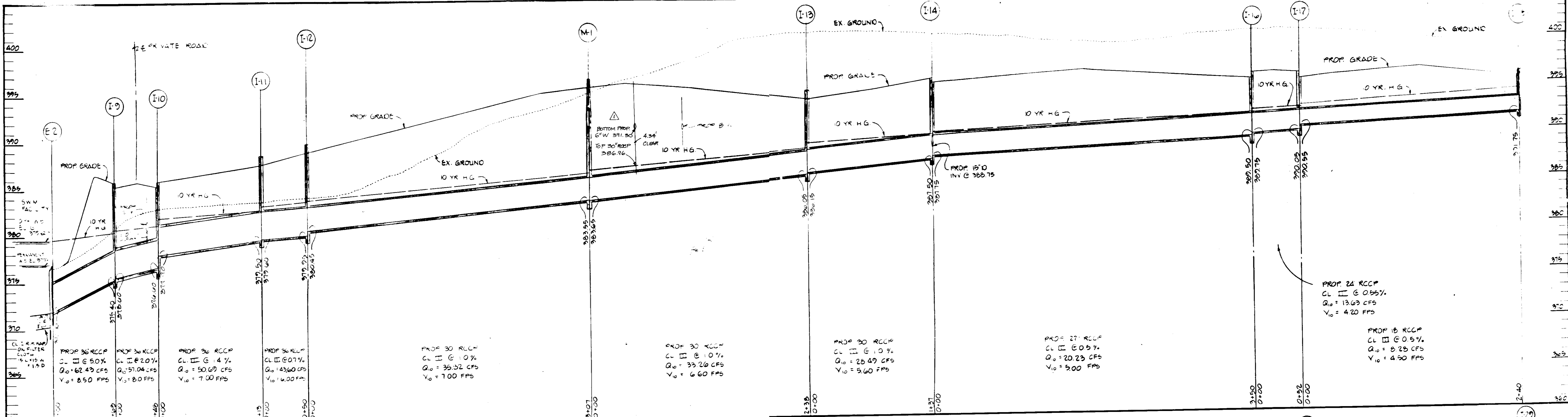
**DEVELOPER'S CERTIFICATE**  
I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES "PROVID PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. 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. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH A RED-LINED "AS-BUILT" OF THE S.W.M. FACILITY WITHIN 30 DAYS OF COMPLETION.  
DEVELOPER: *Christopher N. Kurek* DATE: 3/2/87

DESIGNED BY: N.J.B.  
DRAWN BY: K.L.B.  
CHECKED BY: T.C.

**COLUMBIA CORPORATE PARK**  
SIBLING INDUSTRIAL CENTER  
SECTION 1, AREA 1, PARCEL 'A'  
TAX MAP # 36 PARCEL 356  
HOWARD COUNTY, MARYLAND ELECTION DISTRICT #6  
SCALE AS SHOWN MARCH 23, 1987  
P.N. 05607 SHEET # 7 OF 21

**SDP-87-193**



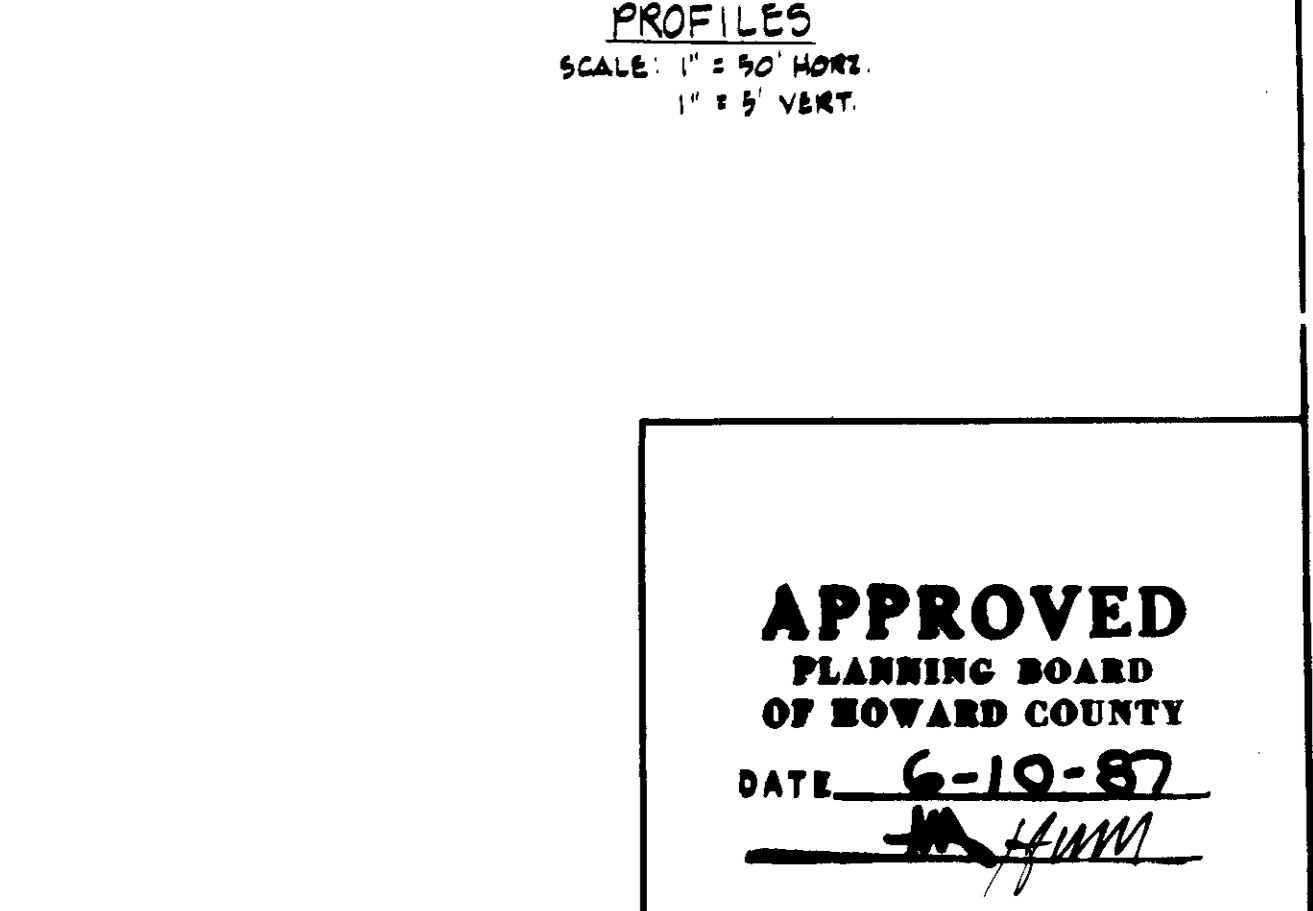
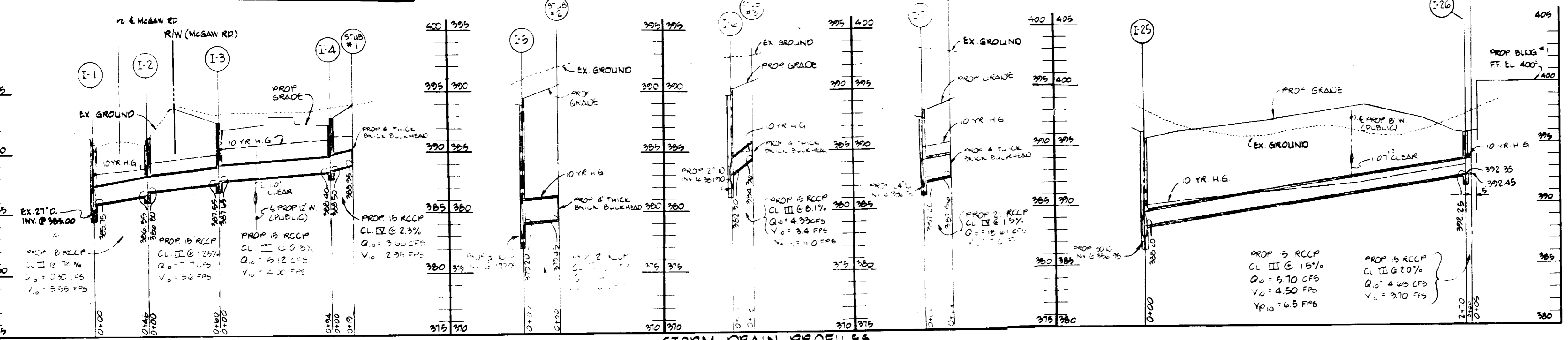
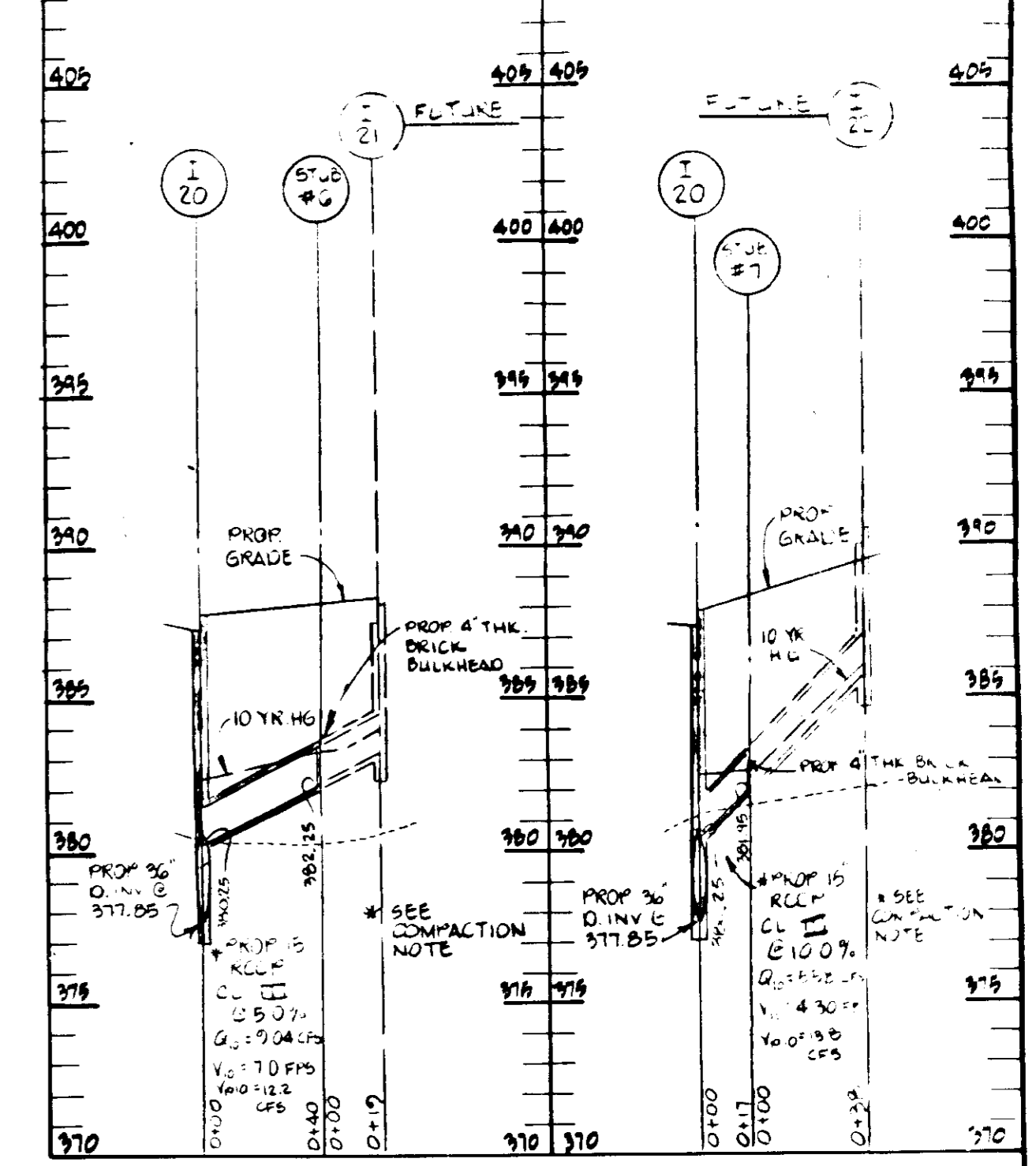
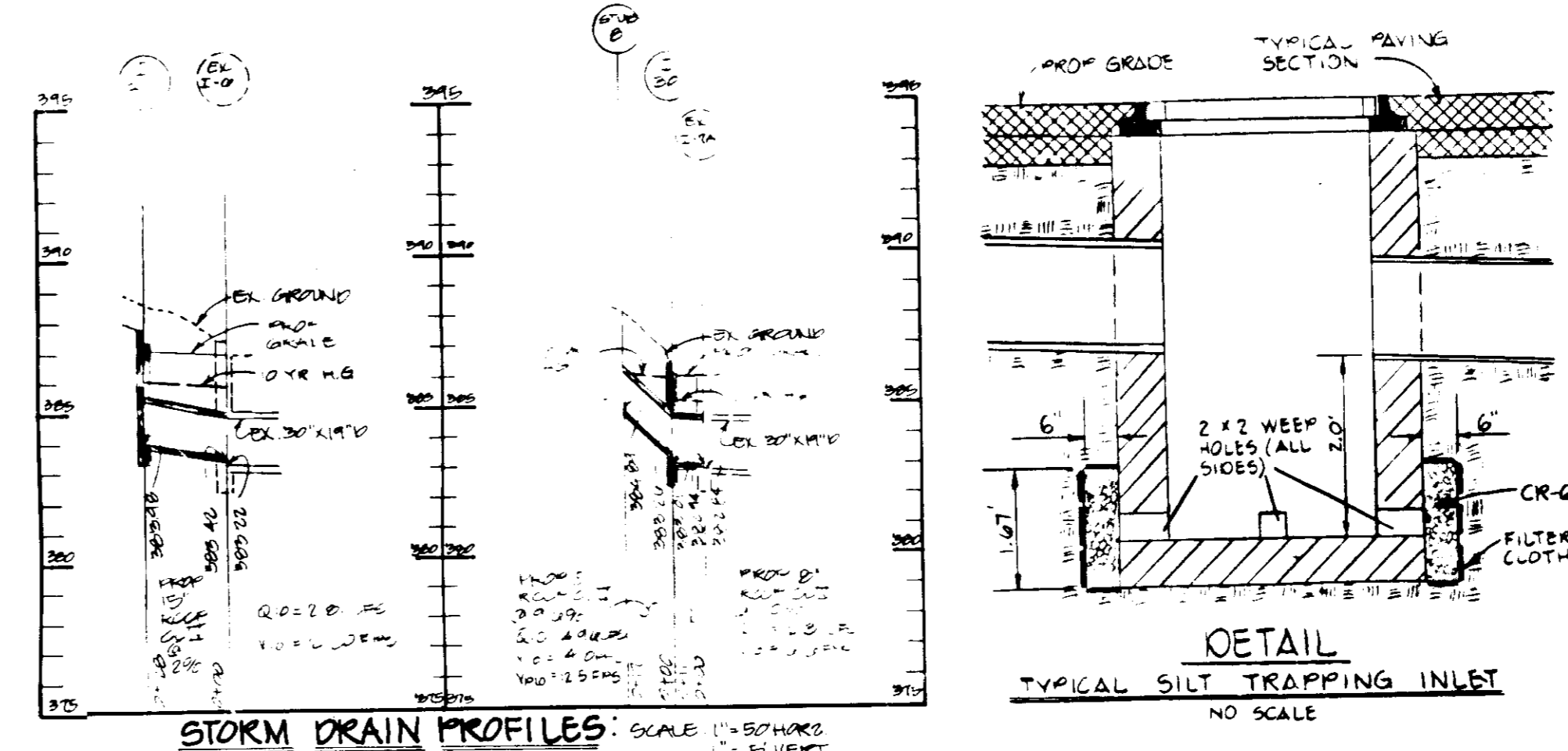


<p>APPROVED: For public water and public sewerage storm drainage systems and public roads Howard County Department of Public Works.</p> <p><i>James M. Helm</i> 9/30/87 Date</p> <p><i>William B. Riley</i> 9/21/87 Date</p> <p>Chief Bureau of Engineering</p>		<p>APPROVED: For public water and public sewerage storm drainage systems and public roads Howard County Department of Public Works.</p> <p><i>James M. Helm</i> 9-15-87 Date</p> <p><i>Robert J. Zehner</i> 9-15-87 Date</p> <p>Howard Soil Conservation District</p>		<p>APPROVED: For public water and public sewerage storm drainage systems and public roads Howard County Department of Public Works.</p> <p><i>Joseph Bogues</i> 10-1-87 Date</p> <p><i>Unip. Am.</i> 10-5-87 Date</p> <p><i>William W. Murchison</i> 10-2-87 Date</p> <p>Howard County Office of Planning &amp; Zoning Administration</p>		<p><b>APPROVED</b> PLANNING BOARD OF HOWARD COUNTY DATE: 6-10-87</p>					
<p><b>GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.</b> CIVIL ENGINEERS &amp; LAND SURVEYORS 303 ALLEGHENY AVENUE TOWSON, MARYLAND 21204 (301) 825-8120</p>		<p><b>ENGINEER'S CERTIFICATE</b> I CERTIFY THAT THIS PLAN FOR S.W.M. FACILITY 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 A RED-LINED "AS-BUILT" OF THE S.W.M. FACILITY WITHIN 30 DAYS OF COMPLETION.</p> <p>ENGINEER: <i>George William Stephens, Jr.</i> DATE: 3/18/87</p>		<p><b>OWNER</b> WESTERN ELECTRIC COMPANY 1 OAK WAY BERKLEY HEIGHTS, NEW JERSEY 07922</p> <p><b>DEVELOPER</b> MCGILL DEVELOPMENT COMPANY 6430 DOBBIN ROAD COLUMBIA, MARYLAND 21045</p>		<p><b>DEVELOPER'S CERTIFICATE</b> I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. 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. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH A RED-LINED "AS-BUILT" OF THE S.W.M. FACILITY WITHIN 30 DAYS OF COMPLETION.</p> <p>DEVELOPER: <i>Christopher W. Kurz</i> DATE: 3/18/87</p>		<p><b>DESIGNED BY: N.B.</b> DRAWN BY: K.L.B. CHECKED BY: T.C.</p> <p><b>REVISIONS</b></p> <p>Δ ADDED WATER CROSSINGS BETWEEN M-1 AND I-9 AND BETWEEN M-2 AND I-24. 8/18/87</p>		<p><b>STORM DRAIN PROFILES</b> <b>COLUMBIA CORPORATE PARK</b> SIBLING INDUSTRIAL CENTER SECTION 1, AREA 1, PARCEL 'A' TAX MAP #36 PARCEL 356 HOWARD COUNTY, MARYLAND ELECTION DISTRICT #6 SCALE AS SHOWN MARCH 23, 1987 PN. 05607 SHEET # 6 OF 21</p>	

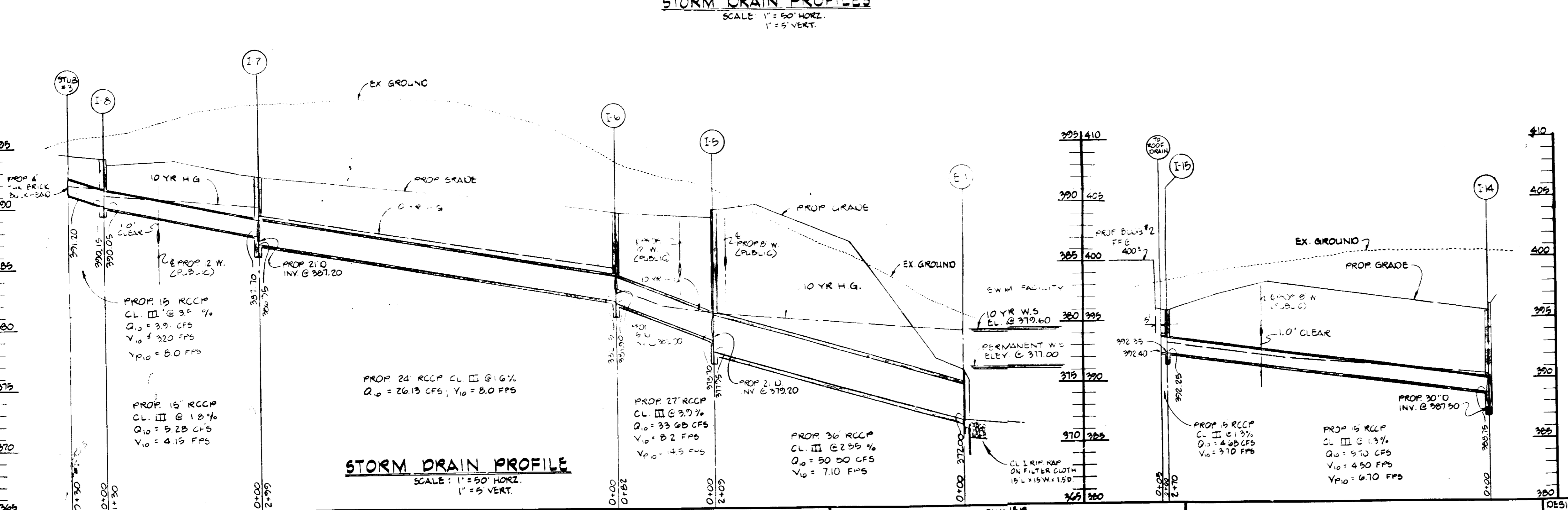


INLET SCHEDULE					
NO	TYPE	TOP ELEVATION	INV IN	INV OUT	REMARKS
1	TYPE A-5 INLET	390.75	385.75	385.00	HO CO. STD. DET. 4.01
2	TYPE A-5 INLET	391.20	386.20	385.45	HO CO. STD. DET. 4.01
3	TYPE A-5 INLET	392.40	387.40	386.70	HO CO. STD. DET. 4.01
4	TYPE A-5 INLET	392.85	387.85	387.10	HO CO. STD. DET. 4.01
5	TYPE A-5 INLET	389.50	384.50	383.75	HO CO. STD. DET. 4.01
6	TYPE A-5 INLET	390.00	385.00	384.25	HO CO. STD. DET. 4.01
7	TYPE A-5 INLET	393.00	388.00	387.25	HO CO. STD. DET. 4.01
8	TYPE A-5 INLET	394.10	389.10	388.35	HO CO. STD. DET. 4.01
9	TYPE A-5 INLET	395.20	390.20	389.45	HO CO. STD. DET. 4.01
10	TYPE A-5 INLET	396.30	391.30	390.55	HO CO. STD. DET. 4.01
11	TYPE A-5 INLET	397.40	392.40	391.65	HO CO. STD. DET. 4.01
12	TYPE A-5 INLET	398.50	393.50	392.75	HO CO. STD. DET. 4.01
13	TYPE A-5 INLET	399.60	394.60	393.85	HO CO. STD. DET. 4.01
14	TYPE A-5 INLET	400.70	395.70	394.95	HO CO. STD. DET. 4.01
15	TYPE A-5 INLET	401.80	396.80	396.05	HO CO. STD. DET. 4.01
16	TYPE A-5 INLET	402.90	397.90	397.15	HO CO. STD. DET. 4.01
17	TYPE A-5 INLET	404.00	399.00	398.25	HO CO. STD. DET. 4.01
18	TYPE A-5 INLET	405.10	400.10	399.35	HO CO. STD. DET. 4.01
19	TYPE A-5 INLET	406.20	401.20	400.45	HO CO. STD. DET. 4.01
20	TYPE A-5 INLET	407.30	402.30	401.55	HO CO. STD. DET. 4.01
21	TYPE A-5 INLET	408.40	403.40	402.65	HO CO. STD. DET. 4.01
22	TYPE A-5 INLET	409.50	404.50	403.75	HO CO. STD. DET. 4.01
23	TYPE A-5 INLET	410.60	405.60	404.85	HO CO. STD. DET. 4.01
24	TYPE A-5 INLET	411.70	406.70	405.95	HO CO. STD. DET. 4.01
25	TYPE A-5 INLET	412.80	407.80	407.05	HO CO. STD. DET. 4.01
26	TYPE A-5 INLET	413.90	408.90	408.15	HO CO. STD. DET. 4.01
27	TYPE A-5 INLET	415.00	410.00	409.25	HO CO. STD. DET. 4.01
28	TYPE A-5 INLET	416.10	411.10	410.35	HO CO. STD. DET. 4.01
29	TYPE A-5 INLET	417.20	412.20	411.45	HO CO. STD. DET. 4.01
30	TYPE A-5 INLET	418.30	413.30	412.55	HO CO. STD. DET. 4.01
31	TYPE A-5 INLET	419.40	414.40	413.65	HO CO. STD. DET. 4.01
32	TYPE A-5 INLET	420.50	415.50	414.75	HO CO. STD. DET. 4.01
33	TYPE A-5 INLET	421.60	416.60	415.85	HO CO. STD. DET. 4.01
34	TYPE A-5 INLET	422.70	417.70	416.95	HO CO. STD. DET. 4.01
35	TYPE A-5 INLET	423.80	418.80	418.05	HO CO. STD. DET. 4.01
36	TYPE A-5 INLET	424.90	419.90	419.15	HO CO. STD. DET. 4.01
37	TYPE A-5 INLET	426.00	421.00	420.25	HO CO. STD. DET. 4.01
38	TYPE A-5 INLET	427.10	422.10	421.35	HO CO. STD. DET. 4.01
39	TYPE A-5 INLET	428.20	423.20	422.45	HO CO. STD. DET. 4.01
40	TYPE A-5 INLET	429.30	424.30	423.55	HO CO. STD. DET. 4.01
41	TYPE A-5 INLET	430.40	425.40	424.65	HO CO. STD. DET. 4.01
42	TYPE A-5 INLET	431.50	426.50	425.75	HO CO. STD. DET. 4.01
43	TYPE A-5 INLET	432.60	427.60	426.85	HO CO. STD. DET. 4.01
44	TYPE A-5 INLET	433.70	428.70	427.95	HO CO. STD. DET. 4.01
45	TYPE A-5 INLET	434.80	429.80	429.05	HO CO. STD. DET. 4.01
46	TYPE A-5 INLET	435.90	430.90	430.15	HO CO. STD. DET. 4.01
47	TYPE A-5 INLET	437.00	432.00	431.25	HO CO. STD. DET. 4.01
48	TYPE A-5 INLET	438.10	433.10	432.35	HO CO. STD. DET. 4.01
49	TYPE A-5 INLET	439.20	434.20	433.45	HO CO. STD. DET. 4.01
50	TYPE A-5 INLET	440.30	435.30	434.55	HO CO. STD. DET. 4.01

STRUCTURE SCHEDULE					
NO	TYPE	TOP ELEVATION	INV IN	INV OUT	REMARKS
1	5-0 BRICK MH	396.50	383.45	383.95	HO CO. STD. DET. 5.02
2	5-0 BRICK MH	396.50	383.45	383.95	HO CO. STD. DET. 5.02
3	TYPE A HEADWALL	372.00	371.90	371.90	HO CO. STD. DET. 50.51
4	TYPE A HEADWALL	372.00	371.90	371.90	HO CO. STD. DET. 50.51
5	TYPE A HEADWALL	372.00	371.90	371.90	HO CO. STD. DET. 50.51



**APPROVED**  
**PLANNING BOARD**  
**OF HOWARD COUNTY**  
 DATE: 6-19-87  
 [Signature]



These plans have been reviewed for the Howard Soil Conservation District meet the technical requirements for small pond construction, soil erosion and sediment control.

Approved: *John M. Nelson* 9-15-87  
 U.S. Soil Conservation Service

Approved: *Robert Zick* 9-15-87  
 Howard Soil Conservation District

Plan Number: \_\_\_\_\_

Approved: *John Boyer* 10-1-87  
 Howard County Office of Planning & Zoning

Approved: *William P. ...* 10-5-87  
 Director

Approved: *William P. ...* 10-2-87  
 Chief Division of Land Development & Zoning Administration

Approved: *James P. ...* 9-29-87  
 Director

Approved: *James P. ...* 9-29-87  
 Chief Bureau of Engineering

**GEORGE WILLIAM STEPHENS, JR.**  
**AND ASSOCIATES, INC.**  
 CIVIL ENGINEERS & LAND SURVEYORS  
 303 ALLEGHENY AVENUE  
 TOWSON, MARYLAND 21204  
 (301) 825-8120

ENGINEER'S CERTIFICATE  
 I CERTIFY THAT THIS PLAN FOR S.W.M. FACILITY CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENT 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 A RED-LINED "AS-BUILT" OF THE S.W.M. FACILITY WITHIN 30 DAYS OF COMPLETION.  
 ENGINEER: *Vijay Chandra*  
 DATE: 3/21/87

OWNER  
 WESTERN ELECTRIC COMPANY  
 1 OAK WAY  
 BERKLEY HEIGHTS, NEW JERSEY 07022

DEVELOPER  
 MCGILL DEVELOPMENT COMPANY  
 6430 DOBBIN ROAD  
 COLUMBIA, MARYLAND 21045

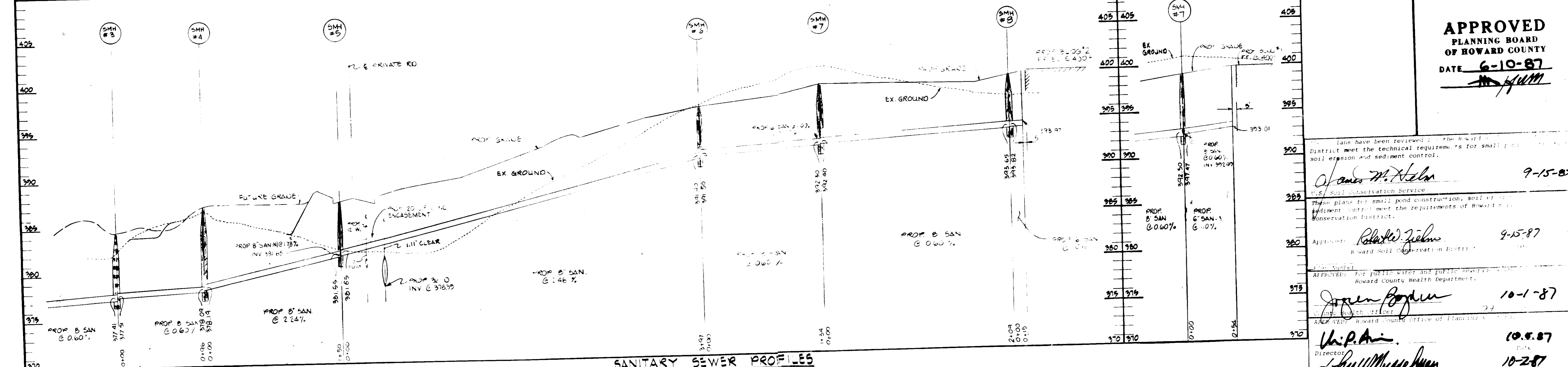
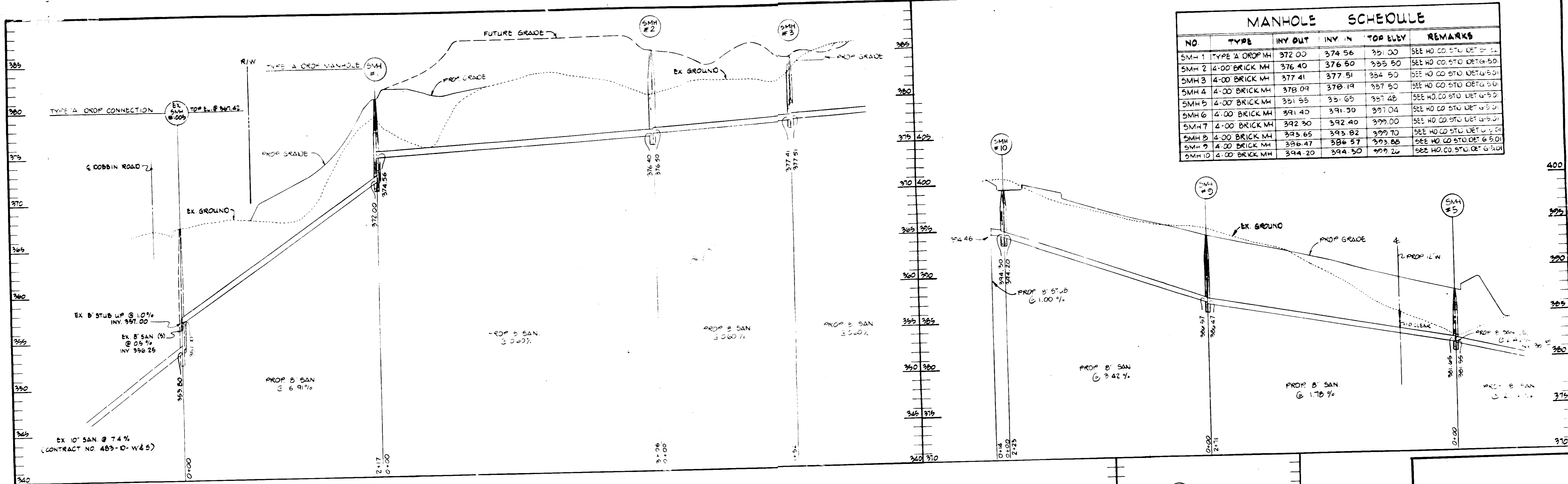
DEVELOPER'S CERTIFICATE  
 I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. 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. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH A RED-LINED "AS-BUILT" OF THE S.W.M. FACILITY WITHIN 30 DAYS OF COMPLETION.  
 DEVELOPER: *Christopher W. Kuz*  
 DATE: 3/21/87

DESIGNED BY: N.J.B.  
 DRAWN BY: K.L.B.  
 CHECKED BY: \_\_\_\_\_  
 REVISIONS

STORM DRAIN PROFILES AND DETAILS  
**COLUMBIA CORPORATE PARK**  
 SIBLING INDUSTRIAL CENTER  
 SECTION 1, AREA 1, PARCEL 'A'  
 TAX MAP # 36 PARCEL 396  
 HOWARD COUNTY, MARYLAND ELECTION DISTRICT #6  
 SCALE AS SHOWN MARCH 29, 1987  
 PN. 05607 SHEET # 9 OF 21



MANHOLE SCHEDULE					
NO	TYPE	INV OUT	INV IN	TOP ELEV	REMARKS
SMH 1	TYPE A DROP MH	372.00	374.56	351.00	SEE HO. CO. STU. DET. G 50
SMH 2	4-00 BRICK MH	376.40	376.50	355.50	SEE HO. CO. STU. DET. G 50
SMH 3	4-00 BRICK MH	377.41	377.51	354.50	SEE HO. CO. STU. DET. G 50
SMH 4	4-00 BRICK MH	378.09	378.19	357.50	SEE HO. CO. STU. DET. G 50
SMH 5	4-00 BRICK MH	381.55	381.65	357.48	SEE HO. CO. STU. DET. G 50
SMH 6	4-00 BRICK MH	391.40	391.50	397.04	SEE HO. CO. STU. DET. G 50
SMH 7	4-00 BRICK MH	392.30	392.40	399.00	SEE HO. CO. STU. DET. G 50
SMH 8	4-00 BRICK MH	393.65	393.82	399.70	SEE HO. CO. STU. DET. G 50
SMH 9	4-00 BRICK MH	396.47	386.57	393.88	SEE HO. CO. STU. DET. G 50
SMH 10	4-00 BRICK MH	394.20	394.50	399.26	SEE HO. CO. STU. DET. G 50



**SANITARY SEWER PROFILES**  
SCALE: 1" = 50' HORIZ  
1" = 9' VERT

**APPROVED**  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE 6-10-87  
*[Signature]*

Plans have been reviewed by the Howard County Planning Board and approved for the Howard County District to meet the technical requirements for small pond construction and sediment control.

*James M. Helms* 9-15-87  
U.S. Soil Conservation Service

These plans for small pond construction, soil erosion control, and sediment control meet the requirements of Howard County Soil Conservation District.

*Rolando J. Zeln* 9-15-87  
Howard Soil Conservation District

APPROVED: For public water and public sewerage systems and public roads Howard County Health Department.

*Joyce Bogdan* 10-1-87  
Health Officer

APPROVED: Howard County Office of Planning and Zoning Administration.

*U.P. Ari* 10-5-87  
Director

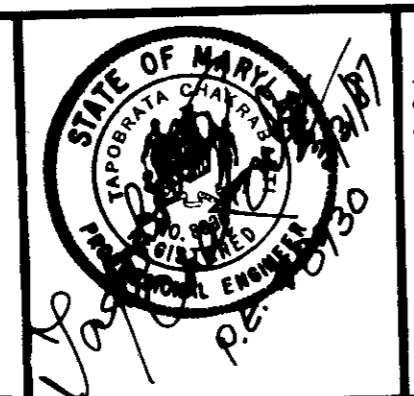
*John W. Madsen* 10-2-87  
Chief Division of Land Development & Zoning Administration

APPROVED: For public water and public sewerage systems and public roads Howard County Office of Public Works.

*James M. Helms* 9/30/87  
Director

*William E. Riley* 9-23-87  
Chief Bureau of Engineering

**GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.**  
CIVIL ENGINEERS & LAND SURVEYORS  
303 ALLEGHENY AVENUE  
TOWSON, MARYLAND 21204  
(301) 825-8120



**ENGINEER'S CERTIFICATE**  
I CERTIFY THAT THIS PLAN FOR S.W.M. FACILITY CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENT 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 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 A RED-LINED "AS-BUILT" OF THE S.W.M. FACILITY WITHIN 30 DAYS OF COMPLETION.

ENGINEER: *George W. Stephens, Jr.*  
REG. NO.: 10000 DATE: 3/3/87

**OWNER**  
WESTERN ELECTRIC COMPANY  
1 OAKWAY  
BERKLEY HEIGHTS, NEW JERSEY 07022

**DEVELOPER**  
MCGILL DEVELOPMENT COMPANY  
6430 DOBBIN ROAD  
COLUMBIA, MARYLAND 21045

**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 PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. 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. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH A RED-LINED "AS-BUILT" OF THE S.W.M. FACILITY WITHIN 30 DAYS OF COMPLETION.

DEVELOPER: *Christoph W. Kuehl* DATE: 3/3/87

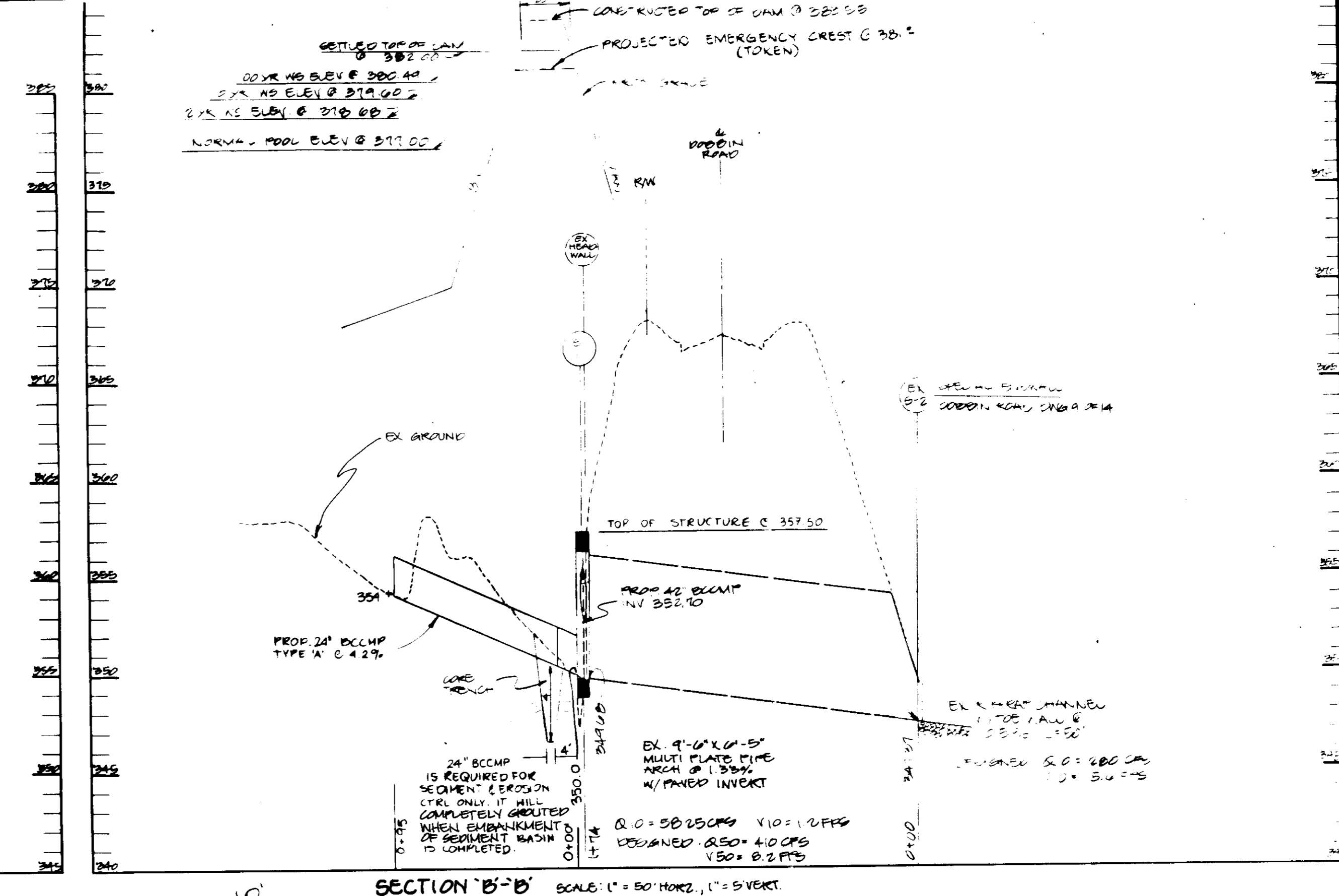
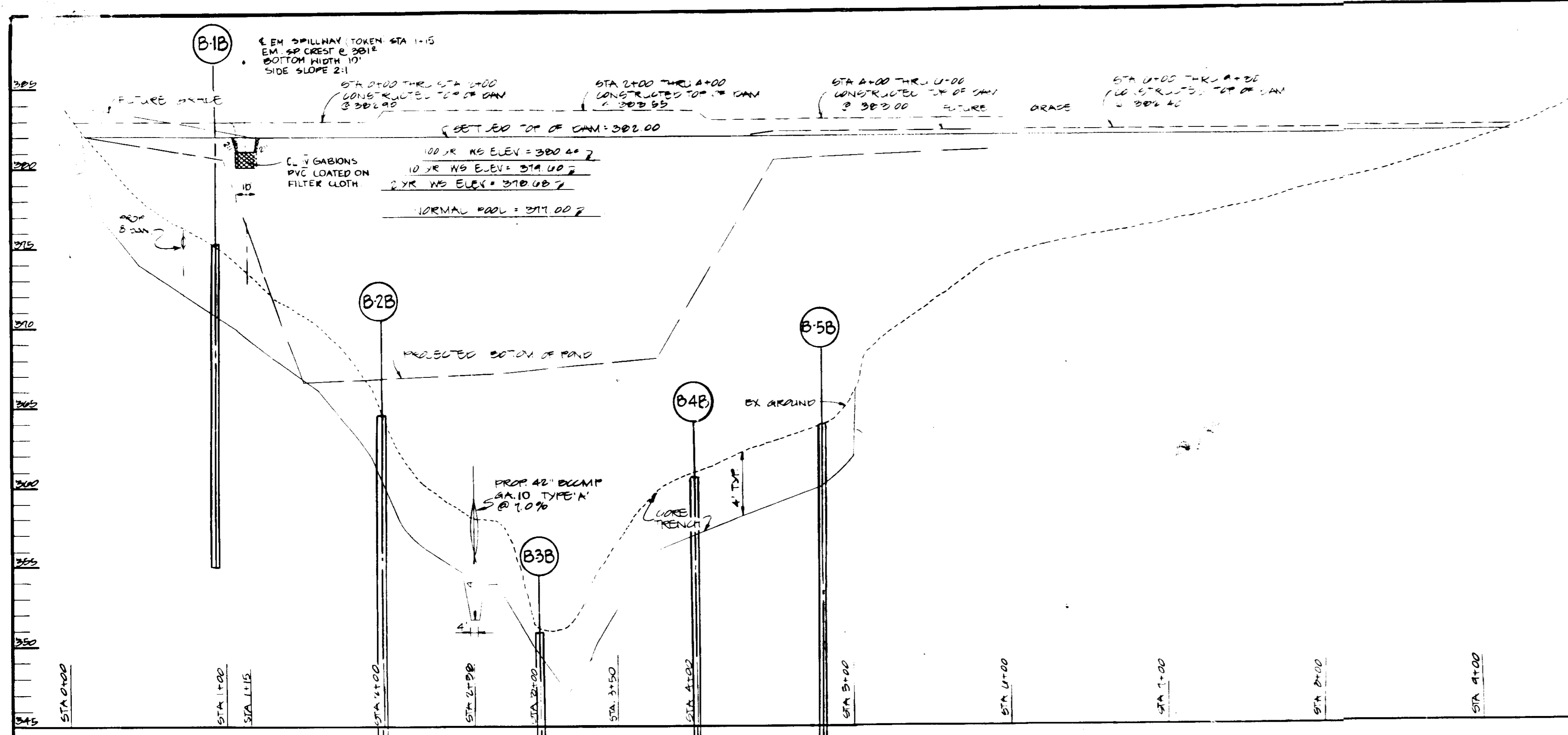
DESIGNED BY: W.Z.  
DRAWN BY: K.L.B.  
CHECKED BY: T.C.  
REVISIONS

**SANITARY SEWER PROFILES**  
**COLUMBIA CORPORATE PARK**  
SIBLING INDUSTRIAL CENTER  
SECTION 1, AREA 1, PARCEL 'A'  
TAX MAP #36 PARCEL 356  
HOWARD COUNTY, MARYLAND ELECTION DISTRICT #6  
SCALE AS SHOWN MARCH 23, 1987  
P.N. 0560T SHEET #10 OF 21  
**SDP-87-193**



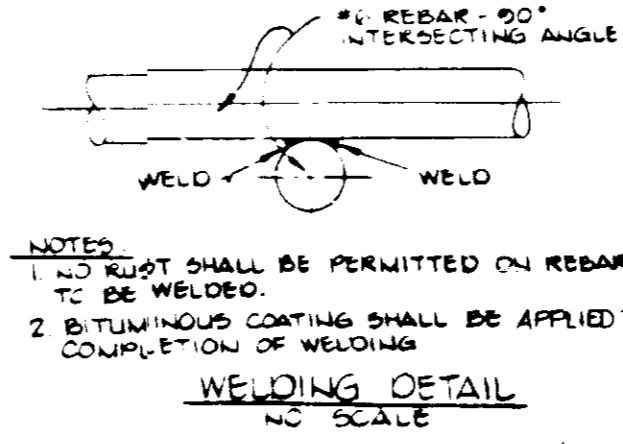




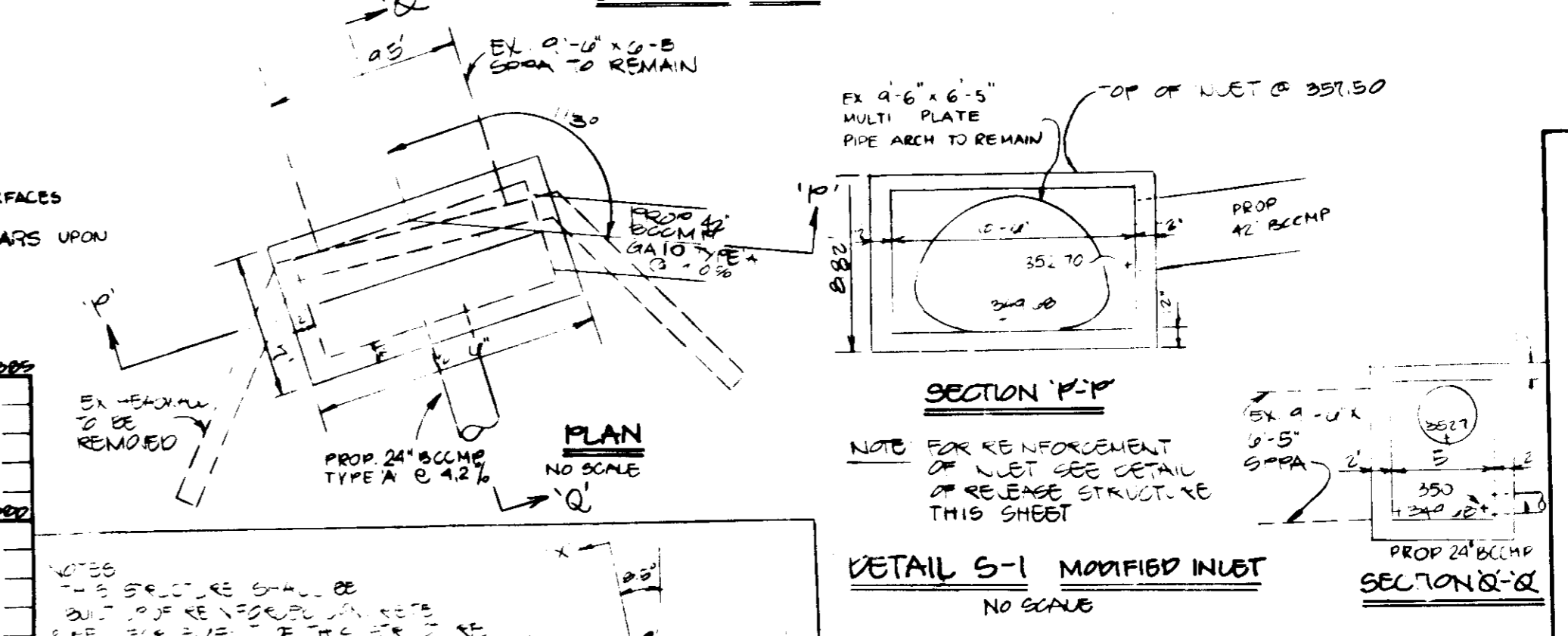


SECTION C-C SCALE: 1" = 50' HORIZ., 1" = 5' VERT.

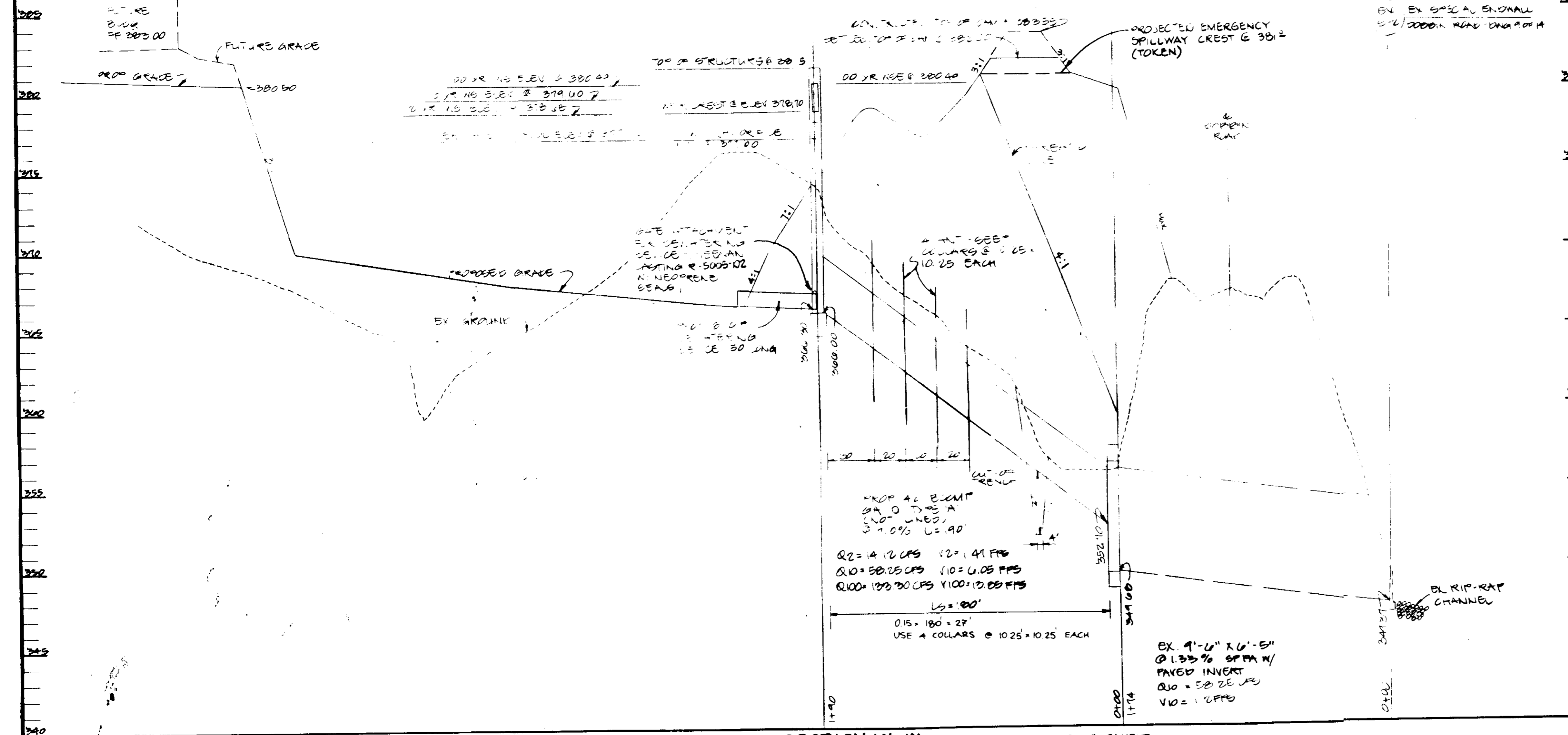
SECTION B-B SCALE: 1" = 50' HORIZ., 1" = 5' VERT.



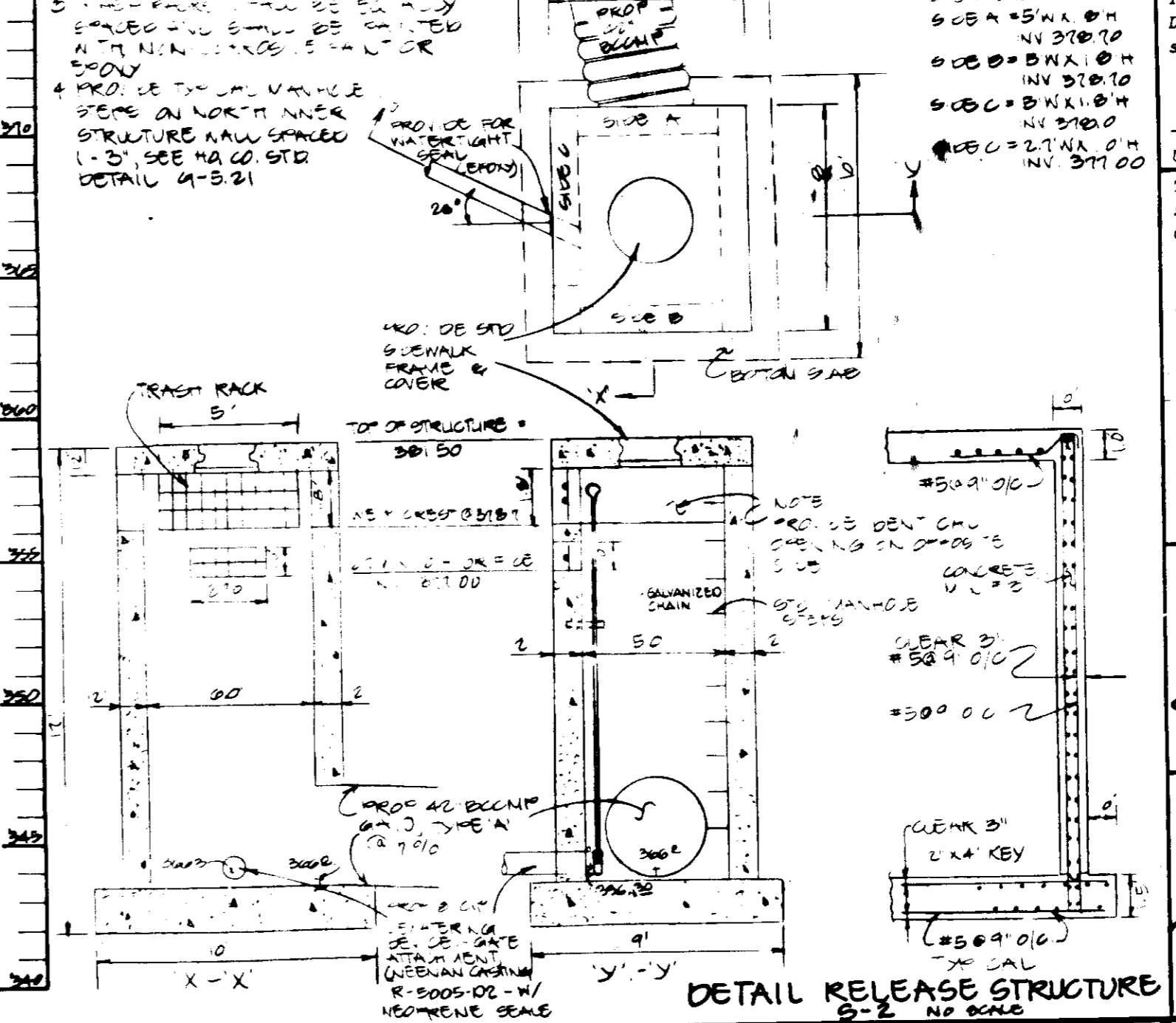
NOTES:  
 1. NO WELD SHALL BE PERMITTED ON REBAR SURFACES TO BE WELDED.  
 2. BITUMINOUS COATING SHALL BE APPLIED TO BARS UPON COMPLETION OF WELDING.



**APPROVED**  
 PLANNING BOARD  
 OF HOWARD COUNTY  
 DATE: 6-10-87  
*[Signature]*



SECTION A-A SCALE: 1" = 50' HORIZ., 1" = 5' VERT.



These plans have been reviewed for and Howard Soil Conservation District meet the technical requirements for small pond construction, soil erosion and sediment control.

*[Signature]* 9-15-87  
 U.S. Soil Conservation Service

Approved: *[Signature]* 9-15-87  
 Howard Soil Conservation District Date

Plan Number: \_\_\_\_\_  
 APPROVED: For public water and public sewerage systems, Howard County Health Department.

*[Signature]* 10-1-87  
 County Health Officer

*[Signature]* 10-5-87  
 Director

*[Signature]* 10-2-87  
 Chief Division of Land Development  
 Planning Administration

APPROVED: For public water and public sewerage storm drainage systems and public roads Howard County Department of Public Works.

*[Signature]* 9-23-87  
 Director

*[Signature]* 9-23-87  
 Chief Bureau of Engineering

**GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.**  
 CIVIL ENGINEERS & LAND SURVEYORS  
 303 ALLEGHENY AVENUE  
 TOWSON, MARYLAND 21204  
 (301) 25-8120



ENGINEER'S CERTIFICATE  
 I CERTIFY THAT THIS PLAN FOR S.W.M. FACILITY CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENT 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 A RED-LINED "AS-BUILT" OF THE S.W.M. FACILITY WITHIN 30 DAYS OF COMPLETION.

ENGINEER: *[Signature]*  
 DATE: 3/2/87

OWNER  
 WESTERN ELECTRIC COMPANY  
 1 OAKWAY  
 BERKLEY HEIGHTS, NEW JERSEY 07022

DEVELOPER  
 MCGILL DEVELOPMENT COMPANY  
 6430 DOBBIN ROAD  
 COLUMBIA, MARYLAND 21045

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 PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE TO A DEPARTMENT OF NATURAL RESOURCES APPROVED PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZED PERIODIC IN-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH A RED-LINED "AS-BUILT" OF THE S.W.M. FACILITY WITHIN 30 DAYS OF COMPLETION.

DEVELOPER: *[Signature]* DATE: 3/1/87  
 CHRISTOPHER W. KURK, TITLE CHAIRMAN

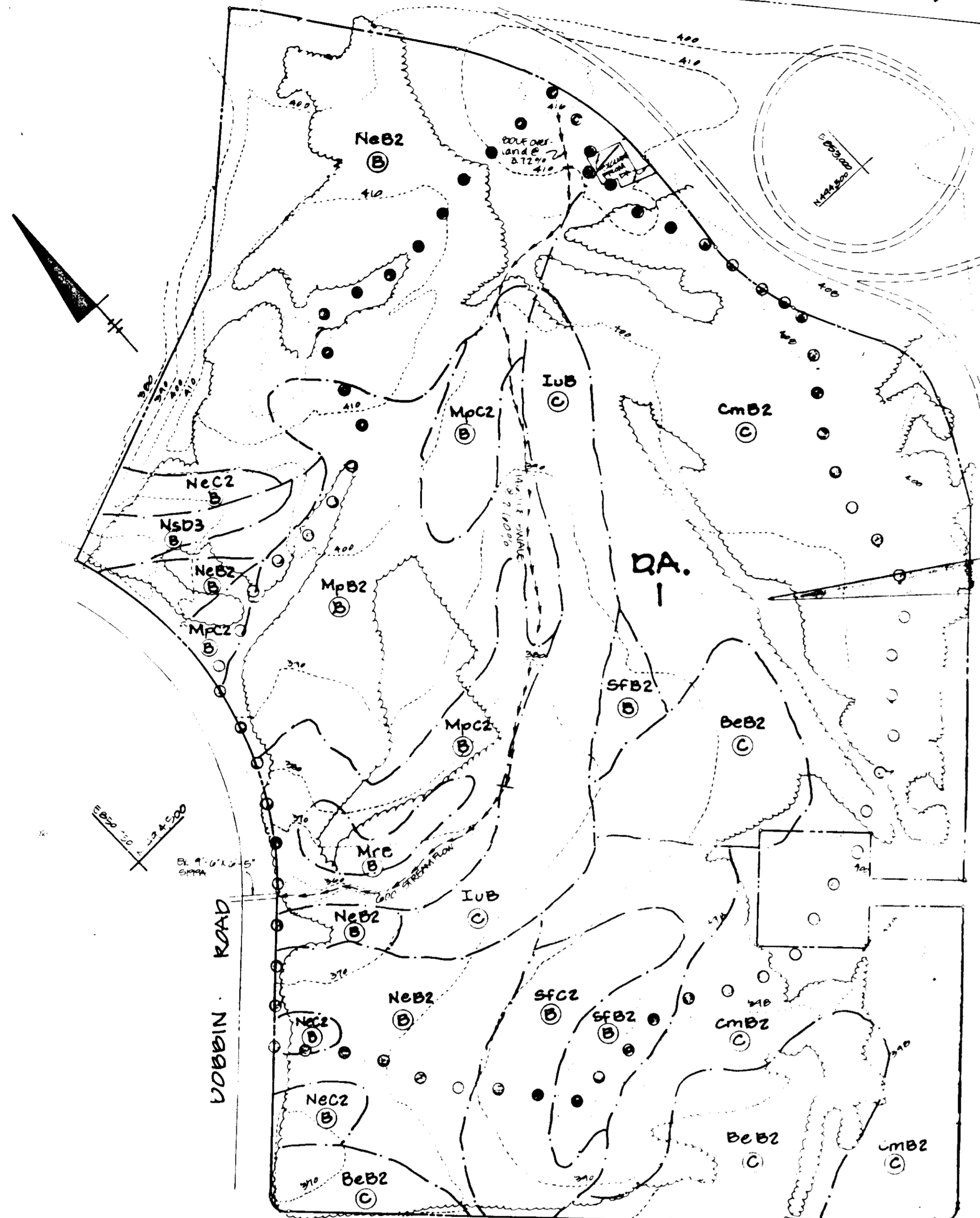
DESIGNED: [ ]  
 DRAWN: [ ]  
 CHECKED: [ ]  
 REVISIONS

STORMWATER MANAGEMENT PROFILES AND DETAILS  
**COLUMBIA CORPORATE PARK**  
 SIBLING INDUSTRIAL CENTER  
 SECTION 1, AREA 1, PARCEL 1A  
 TAX MAP #36 PARCEL 250  
 HOWARD COUNTY, MARYLAND SECTION 015-T-R CT 26  
 SCALE AS SHOWN MARCH 29, 1987  
 #N. 05607 5-87 #12 OF 21

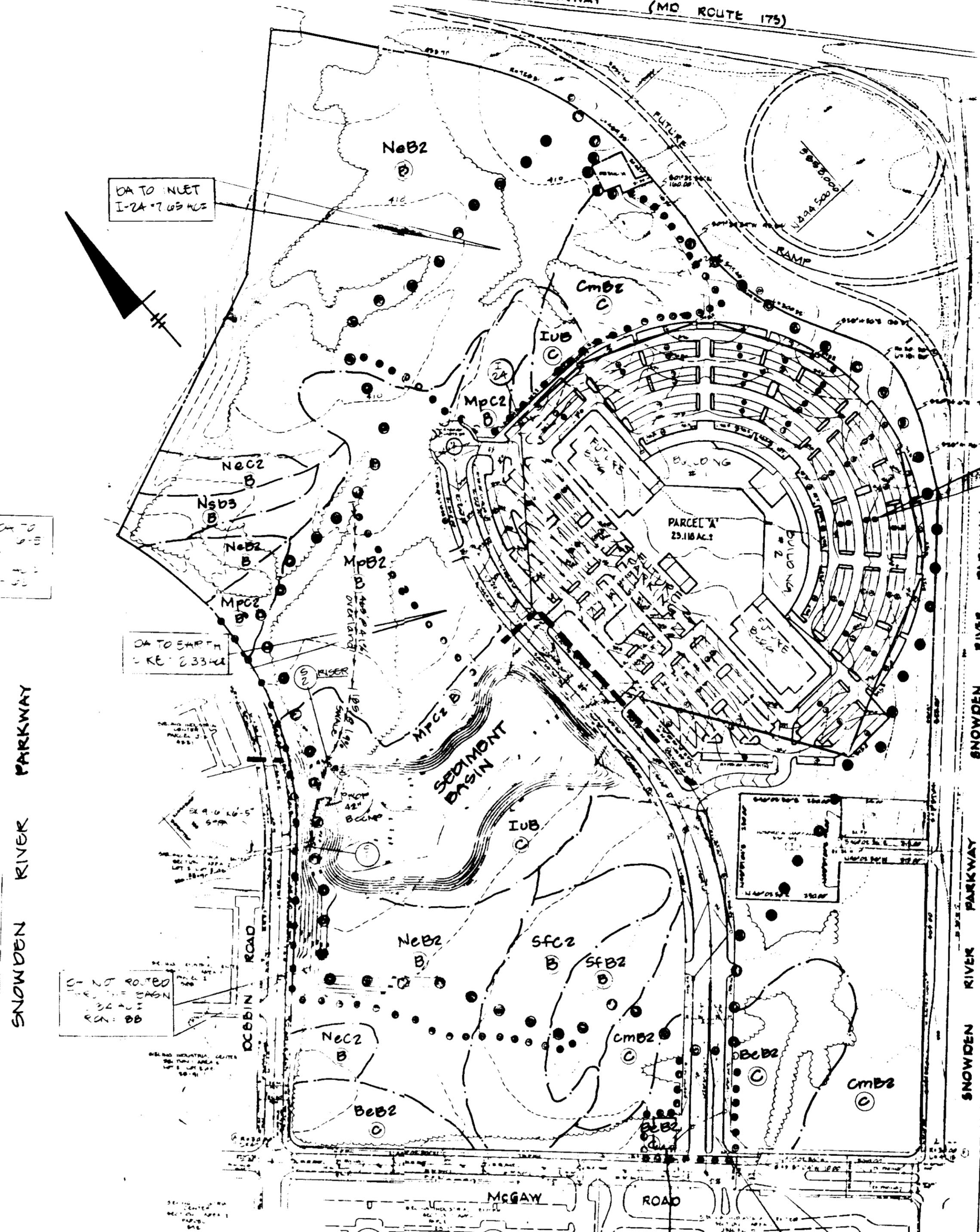


LITTLE PATUXENT PARKWAY (MD ROUTE 175)

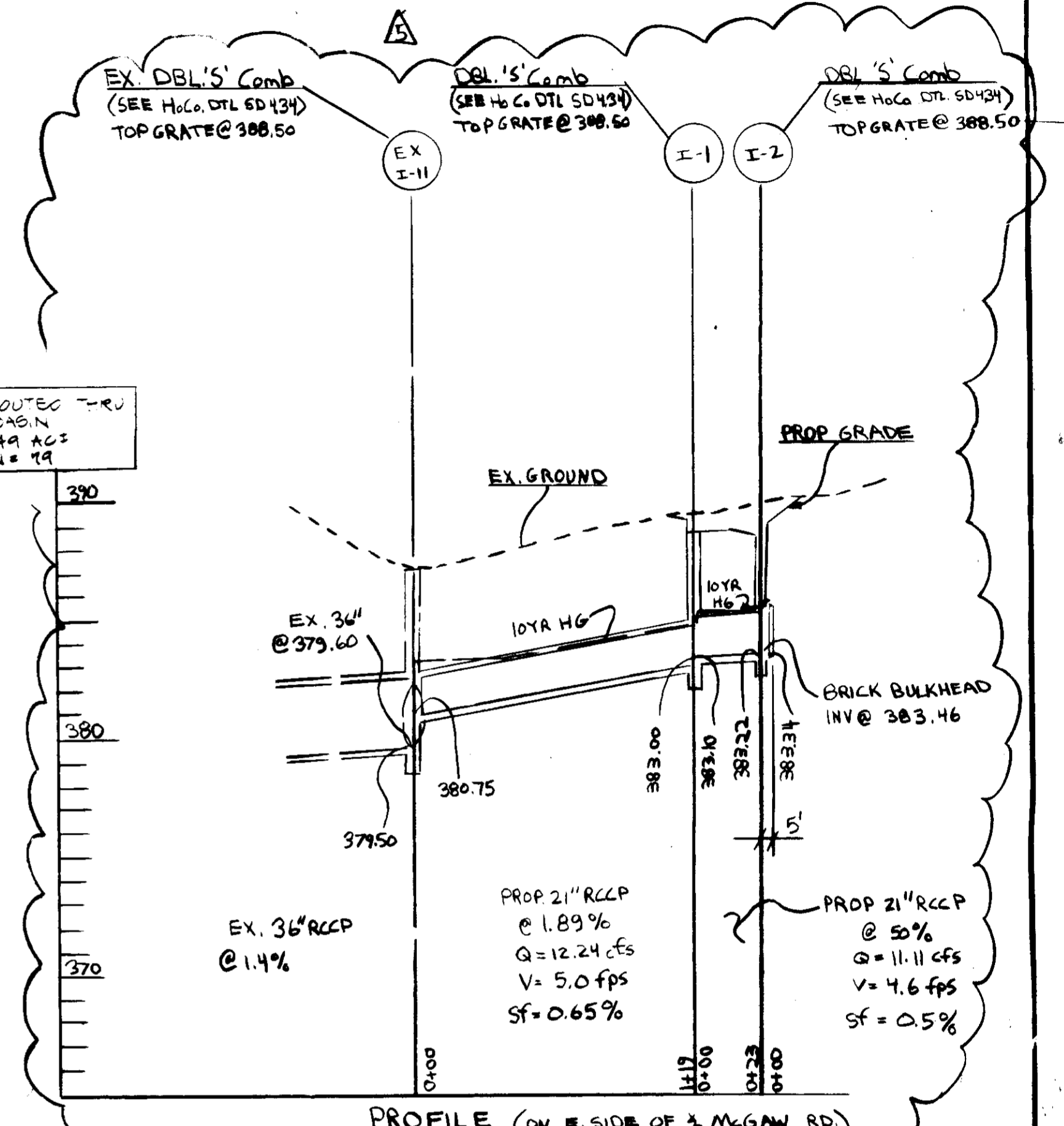
PATUXENT PARKWAY (MD ROUTE 175)



EXISTING DRAINAGE AREA MAP  
SCALE: 1"=200'



PROPOSED DRAINAGE AREA MAP  
SCALE: 1"=200'



PROFILE (ON W. SIDE OF A MCGAW RD)  
SCALE: 1"=50' HORIZ ; 1"=5' VERT.

**LEGEND**  
 WOODS  
 SOIL TYPE MpB2  
 HYDROLOGIC SOIL GROUP TO PATH  
 DRAINAGE AREA  
 EX. CONTOUR  
 PROPOSED GRADES  
 LIMIT OF SOIL TYPES

These plans have been reviewed for the Howard Soil Conservation District meet the technical requirements for small pond soil erosion and sediment control.

*James M. Loh* 9-15-87  
 U.S. Soil Conservation Service

These plans for small pond construction, soil erosion and sediment control meet the requirements of Howard Soil Conservation District.

Approved: *Robert J. Zehn* 9-15-87  
 Howard Soil Conservation District

Plan Number  
 APPROVED: For public water and public sewerage systems Howard County Health Department.

*Joyner Boyden* 10-1-87  
 County Health Officer

APPROVED: Howard County Office of Planning & Zoning

*W.P.A.* 10-5-87  
 Director

*William M. ...* 10-2-87  
 Chief Division of Land Development & Zoning Administration

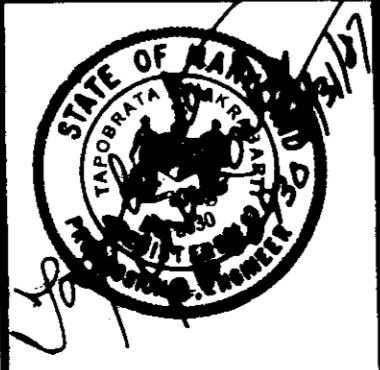
APPROVED: For public water and public sewerage systems and public roads Howard County Department of Public Works.

*James G. ...* 9-28-87  
 Director

*William E. ...* 9-28-87  
 Chief Bureau of Engineering

**APPROVED**  
 PLANNING BOARD  
 OF HOWARD COUNTY  
 DATE 6-10-87

**GEORGE WILLIAM STEPHENS, JR AND ASSOCIATES, INC.**  
 CIVIL ENGINEERS & LAND SURVEYORS  
 303 ALLEGHENY AVENUE  
 TOWSON, MARYLAND 21204  
 (301)825-8120



**ENGINEER'S CERTIFICATE**  
 I CERTIFY THAT THIS PLAN FOR S.W.M. FACILITY 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 A RED-LINED "AS-BUILT" OF THE S.W.M. FACILITY WITHIN 30 DAYS OF COMPLETION.

ENGINEER: *Frederick Charles*  
 FREDERICK CHARLES  
 REG. NO. 8930 DATE: 3/3/87

**OWNER**  
 WESTERN ELECTRIC COMPANY  
 1 OAK WAY  
 BERKLEY HEIGHTS, NEW JERSEY 07922

**DEVELOPER**  
 MCGILL DEVELOPMENT COMPANY  
 6430 DOBBIN ROAD  
 COLUMBIA, MARYLAND 21045

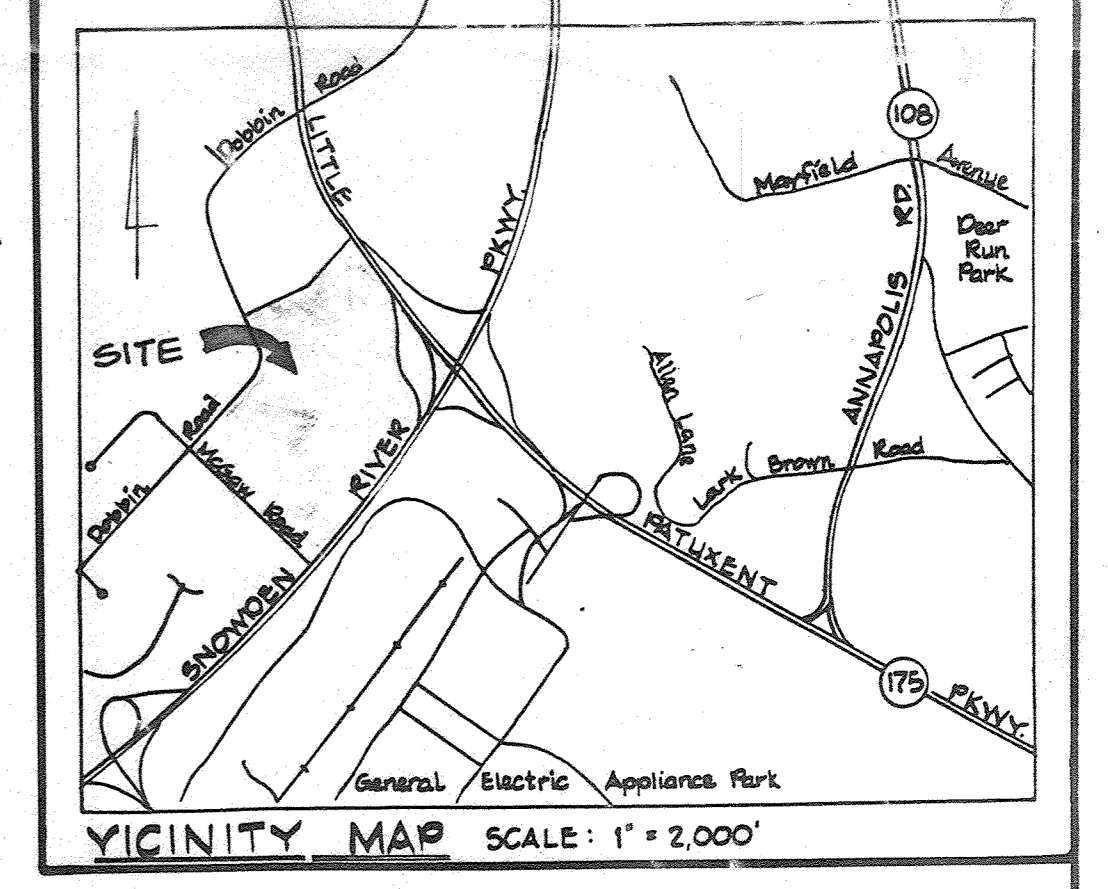
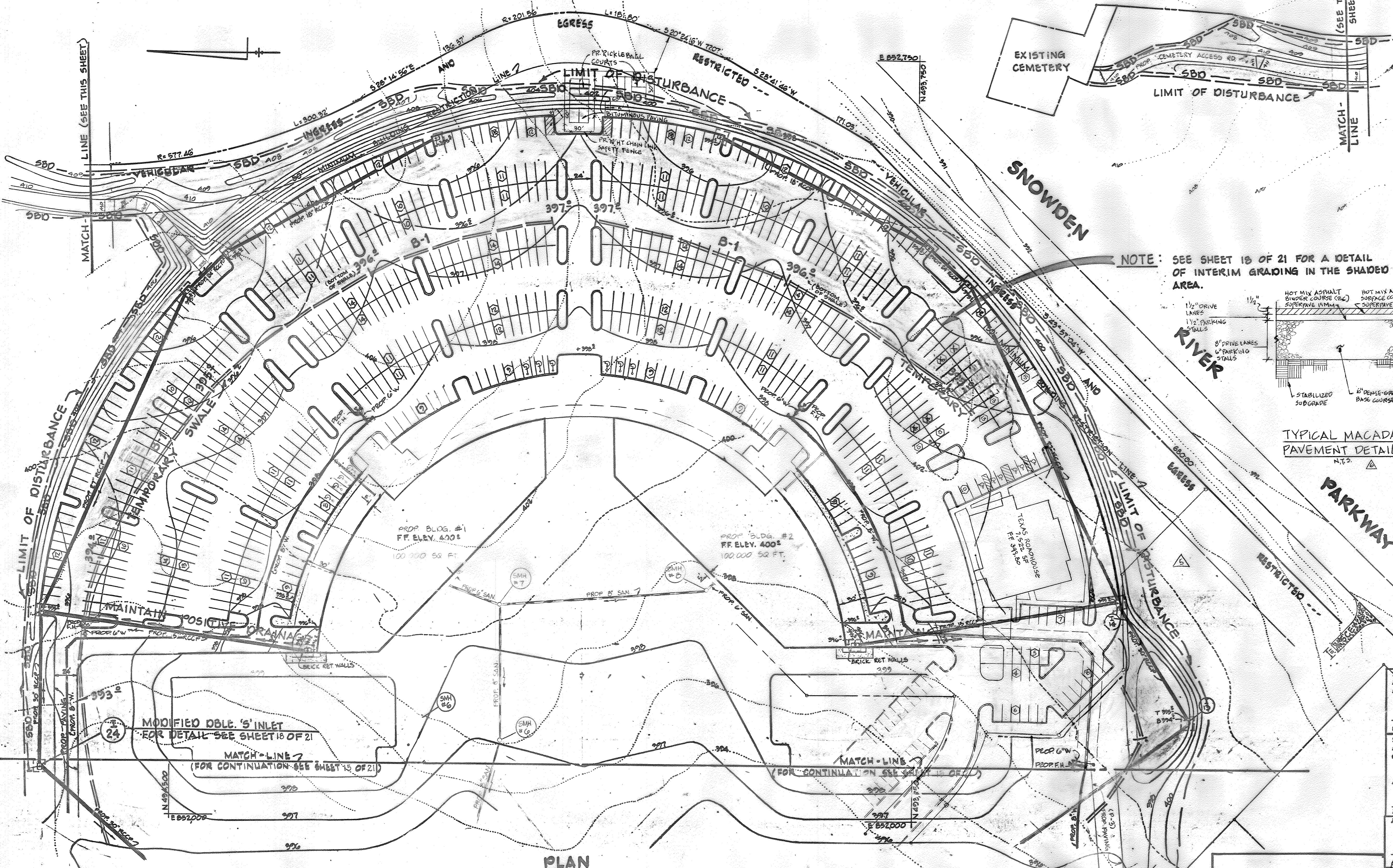
**DEVELOPER'S CERTIFICATE**  
 I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. 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. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH A RED-LINED "AS-BUILT" OF THE S.W.M. FACILITY WITHIN 30 DAYS OF COMPLETION.

DEVELOPER: *Christopher Kurtz*  
 CHRISTOPHER KURTZ TITLE: DATE: 3/2/87

DESIGNED: C.Z.  
 DRAWN: D.A.L.  
 CHECKED TO: REVISIONS  
 ADD. S.D. PROFILE FROM EX. I-11 TO I-2.

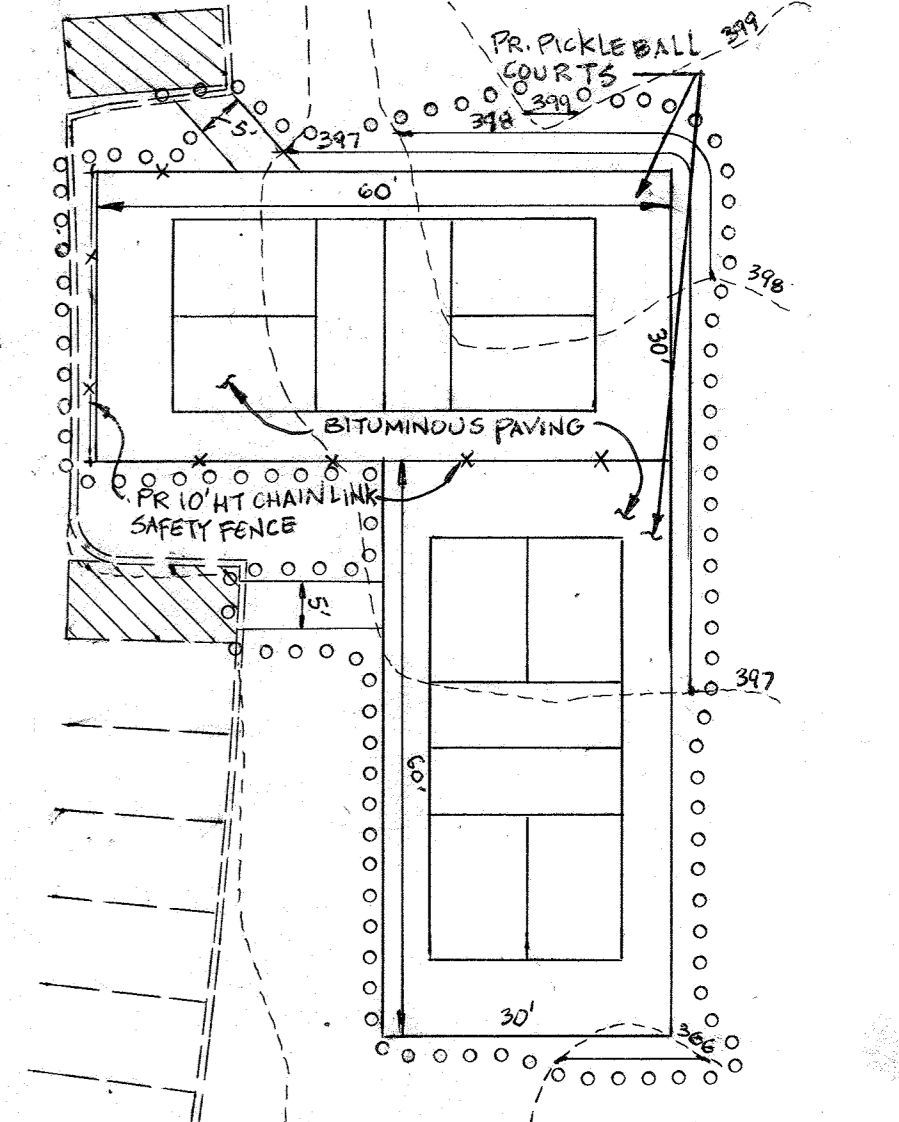
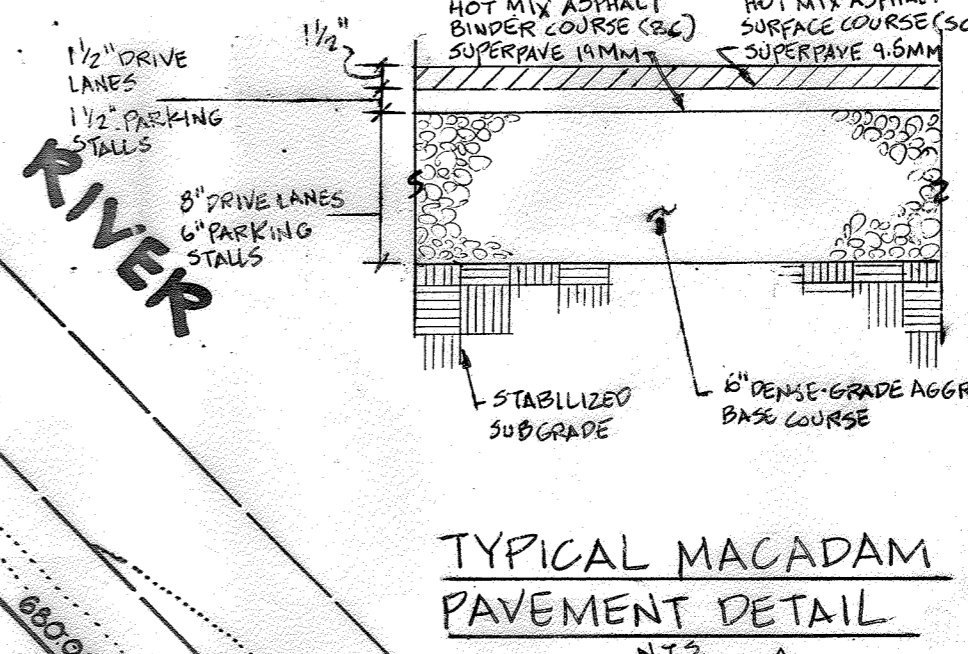
**COLUMBIA CORPORATE PARK**  
 SIBLING INDUSTRIAL CENTER  
 SECTION 1, AREA 1, PARCEL 'A'  
 TAX MAP #36 PARCEL 956  
 HOWARD COUNTY, MARYLAND ELECTION DISTRICT #6  
 SCALE AS SHOWN MARCH 23, 1987  
 P.N. 05607 SDP-87-193 SHEET # 2 OF 2





**BENCH MARKS:**  
 B.M. # 234401 ELEVATION: 307.49  
 Standard concrete monument set flush with the surface.  
 NORTH 491333.018 EAST 856206.723  
 B.M. # 2343001 ELEVATION: 288.24  
 3/4" R.D. set 0.5 feet below the surface  
 NORTH 492140.801 EAST 857226.871

**NOTE:** SEE SHEET 18 OF 21 FOR A DETAIL OF INTERIM GRADING IN THE SHADED AREA.



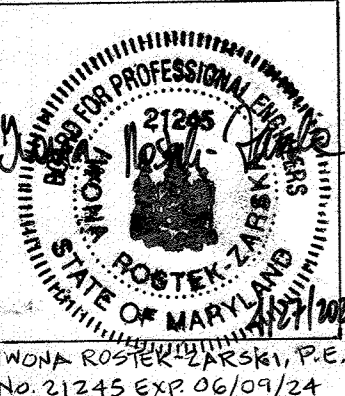
**INSERT**  
 SCALE: 1"=20'  
 LIMIT OF DISTURBANCE NOTE: REVISION #6 LIMIT OF DISTURBANCE - 4,800 SF WHEN CUMULATIVE LIMIT OF DISTURBANCE EXCEEDS 5,000 SF, STORMWATER MANAGEMENT IS REQUIRED.

These plans have been reviewed for the Howard Soil Conservation District meet the technical requirements for small pond construction, soil erosion and sediment control.

*James M. Helm* 9-15-87  
 U.S. Soil Conservation Service Date  
 These plans for small pond construction, soil erosion and sediment control meet the requirements of Howard Soil Conservation District.  
 Approved: *Robert Ziehm* 9-15-87  
 Howard Soil Conservation District Date  
 Plan Number: 72  
 APPROVED: For public water and public sewerage systems  
 Howard County Health Department.  
*John Boyler* 10-1-87  
 County Health Officer Date  
 APPROVED: Howard County Office of Planning & Zoning.  
*W. P. Ai.* 10-6-87  
 Director Date  
*Richard M. Schuman* 10-2-87  
 Chief Division of Land Development & Zoning Administration Date  
 APPROVED: For public water and public sewerage storm drainage systems and public roads Howard County Department of Public Works.  
*James J. Linn* 9-20-87  
 Director Date  
*W. S. ...* 9-23-87  
 Chief Bureau of Engineering Date

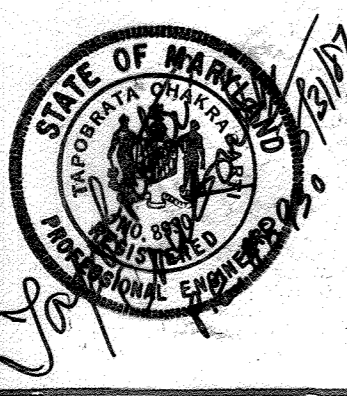
**APPROVED**  
 PLANNING BOARD  
 OF HOWARD COUNTY  
 DATE 6-10-87  
*[Signature]*

REVISION #6 PREPARED BY: BWS/INC (1/16/2023)



**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, IWOA ROSTEK-ZARSKA, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAW OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2024.

**GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.**  
 CIVIL ENGINEERS & LAND SURVEYORS  
 303 ALLEGHENY AVENUE  
 TOWSON, MARYLAND 21204  
 (301) 825-8120



**ENGINEER'S CERTIFICATE**  
 I CERTIFY THAT THIS PLAN FOR S.W.S. FACILITY 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 A RED-LINED "AS-BUILT" OF THE S.W.S. FACILITY WITHIN 30 DAYS OF COMPLETION.  
 ENGINEER: *IWOA ROSTEK-ZARSKA*  
 REG. NO. 21245 DATE: 3/2/87

**LEGEND**  
 LIMIT OF DISTURBANCE  
 DRAINAGE AREA  
 STRAW BALE DIKE  
 EARTH DIKE  
 TEMPORARY SWALE  
 STABILIZED CONSTRUCTION ENTRANCE  
 INLET PROTECTION  
 SILT FENCE

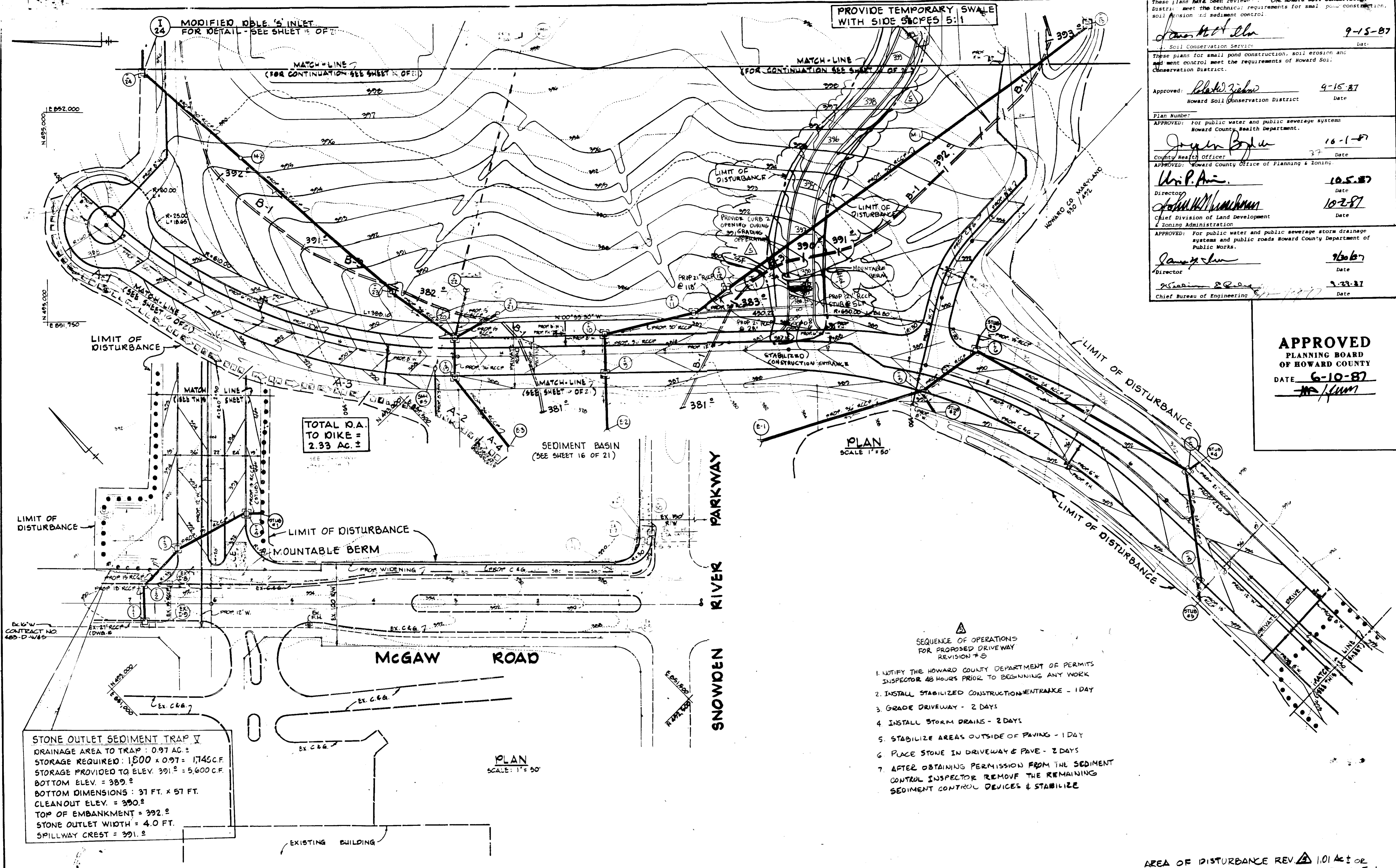
**OWNER**  
 WESTERN ELECTRIC COMPANY  
 1 OAK WAY  
 BERKLEY HEIGHTS, NEW JERSEY 07022  
**DEVELOPER**  
 MCGILL DEVELOPMENT COMPANY  
 6430 DOBBIN ROAD  
 COLUMBIA, MARYLAND 21048

**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 PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. 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. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH A RED-LINED "AS-BUILT" OF THE S.W.S. FACILITY WITHIN 30 DAYS OF COMPLETION.  
 DEVELOPER: *Christopher W. Kurz*  
 TITLE: CHAIRMAN DATE: 3/2/87

DESIGNED BY: I.Z.  
 DRAWN BY: K.L.B.  
 CHECKED BY: T.C.  
**REVISIONS**  
 REV. 6/21/86 ADDED ACCESS RD, PARKING (ADD TWO (2) PICKLEBALL COURTS, ADDITIONAL PARKING TABULATION, INCLUDE AS-BUILT TEXAS ROYALHOUSE (SDP-16-04))

**SEDIMENT AND EROSION CONTROL PLAN**  
**COLUMBIA CORPORATE PARK**  
 SIBLING INDUSTRIAL CENTER  
 SECTION 1, AREA 1, PARCEL 'A'  
 TAX MAP # 36 PARCEL 956  
 HOWARD COUNTY, MARYLAND ELECTION DISTRICT #6  
 SCALE AS SHOWN MARCH 23, 1987  
 PN. 05607 SHEET # 14 OF 21





PROVIDE TEMPORARY SWALE WITH SIDE SLOPES 5:1

MODIFIED OBLE'S INLET FOR DETAIL - SEE SHEET 16 OF 21

TOTAL D.A. TO DIKE = 2.33 AC. ±

SEDIMENT BASIN (SEE SHEET 16 OF 21)

PLAN SCALE 1" = 50'

PLAN SCALE: 1" = 50'

- SEQUENCE OF OPERATIONS FOR PROPOSED DRIVEWAY REVISION #5
1. NOTIFY THE HOWARD COUNTY DEPARTMENT OF PERMITS INSPECTOR 48 HOURS PRIOR TO BEGINNING ANY WORK
  2. INSTALL STABILIZED CONSTRUCTION ENTRANCE - 1 DAY
  3. GRADE DRIVEWAY - 2 DAYS
  4. INSTALL STORM DRAINS - 2 DAYS
  5. STABILIZE AREAS OUTSIDE OF PAVING - 1 DAY
  6. PLACE STONE IN DRIVEWAY & PAVE - 2 DAYS
  7. AFTER OBTAINING PERMISSION FROM THE SEDIMENT CONTROL INSPECTOR REMOVE THE REMAINING SEDIMENT CONTROL DEVICES & STABILIZE

STONE OUTLET SEDIMENT TRAP V  
 DRAINAGE AREA TO TRAP: 0.97 AC. ±  
 STORAGE REQUIRED: 1500 x 0.97 = 1745 C.F.  
 STORAGE PROVIDED TO ELEV. 391.5 = 5,600 C.F.  
 BOTTOM ELEV. = 389.5  
 BOTTOM DIMENSIONS: 37 FT. x 57 FT.  
 CLEANOUT ELEV. = 390.5  
 TOP OF EMBANKMENT = 392.5  
 STONE OUTLET WIDTH = 4.0 FT.  
 SPILLWAY CREST = 391.5

These plans have been reviewed by the Howard Soil Conservation District to meet the technical requirements for small pond construction, soil erosion and sediment control.

Approved: *John M. Hill* 9-15-87  
 Soil Conservation Service District

Approved: *Robert Zick* 9-15-87  
 Howard Soil Conservation District

Approved: *Joseph Boyle* 10-1-87  
 County Health Officer

Approved: *W.P. Am...* 10-5-87  
 Director

Approved: *John M. Hill* 10-2-87  
 Chief Division of Land Development & Zoning Administration

Approved: *James J. Lee* 9-30-87  
 Director

Approved: *William R. ...* 9-23-87  
 Chief Bureau of Engineering

APPROVED  
 PLANNING BOARD  
 OF HOWARD COUNTY  
 DATE: 6-10-87  
*MA/LLM*

**GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.**  
 CIVIL ENGINEERS & LAND SURVEYORS  
 303 ALLEGHENY AVENUE  
 TOWSON, MARYLAND 21204  
 (301) 825-8120



ENGINEER'S CERTIFICATE  
 I CERTIFY THAT THIS PLAN FOR S.W.S. FACILITY CONSTRUCTION, MONITOR 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 A RED-LINED "AS-BUILT" OF THE S.W.S. FACILITY WITHIN 30 DAYS OF COMPLETION.

ENGINEER: *Virginia Charnock*  
 MARYLAND CHARTERED ENGINEER  
 NO. 17320 DATE: 3/31/87

OWNER  
 WESTERN ELECTRIC COMPANY  
 1 DAK WAY  
 BERKLEY HEIGHTS, NEW JERSEY 07922

DEVELOPER  
 MCGILL DEVELOPMENT COMPANY  
 6430 DOBBIN ROAD  
 COLUMBIA, MARYLAND 21046

DEVELOPER'S CERTIFICATE  
 I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION SHALL BE DONE ACCORDING TO THESE PLANS AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED PROGRAM FOR THE CONTROL OF EROSION AND SEDIMENT BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS AND WHEN NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH A RED-LINED "AS-BUILT" OF THE S.W.S. FACILITY WITHIN 30 DAYS OF COMPLETION.

DEVELOPER: *Christopher W. Kurz* DATE: 3/2/87  
 CHRISTOPHER W. KURZ TITLE: CHIEFMAN

DESIGNED BY: IZ  
 DRAWN BY: KLD  
 CHECKED BY: TC

REVISIONS  
 REV 4/21/86 ADDED ACCESS ROAD, I-11 & I-2 & PARKING

AREA OF DISTURBANCE REV. 1,01 AC. ± OR 43,996 SQ. FT.

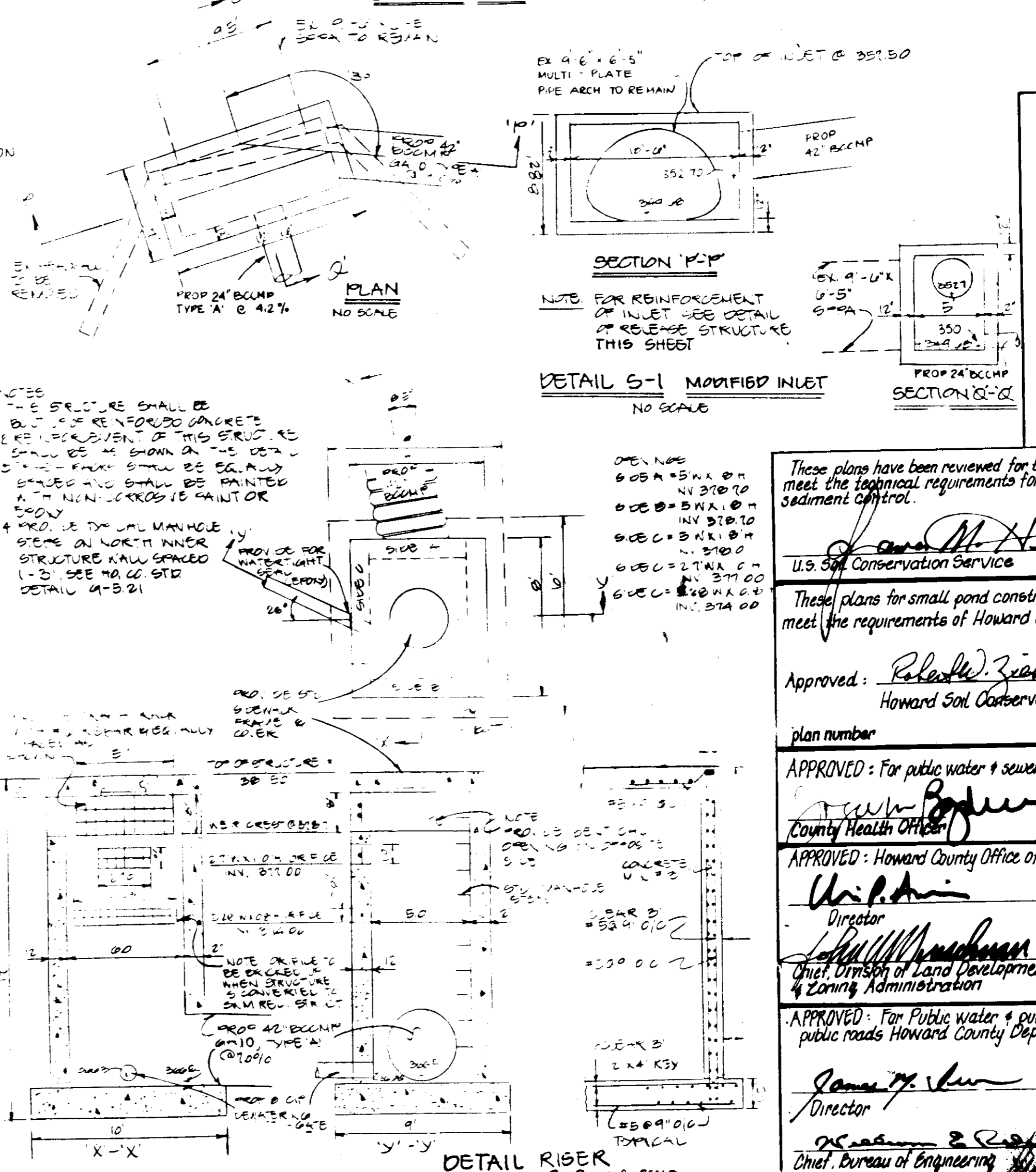
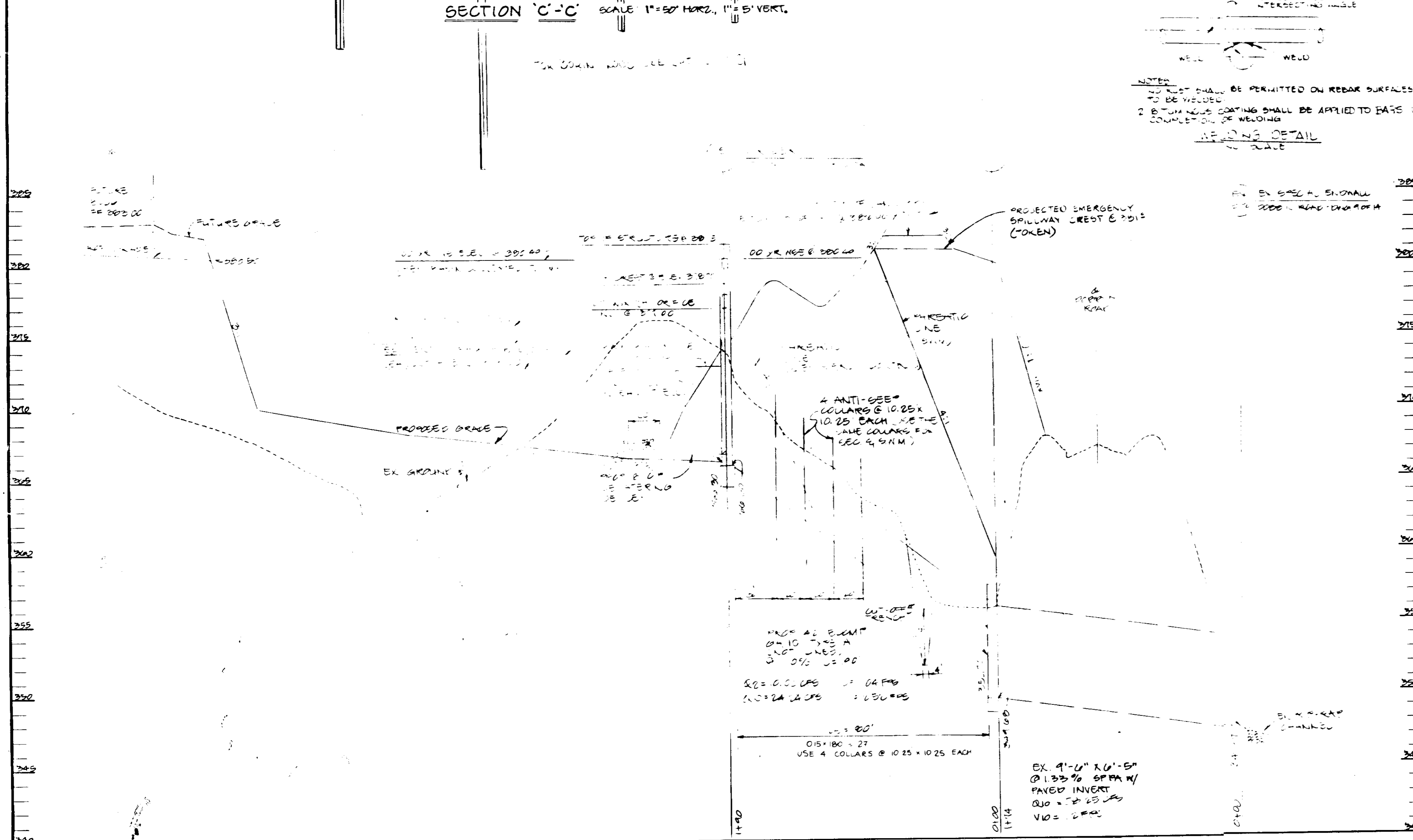
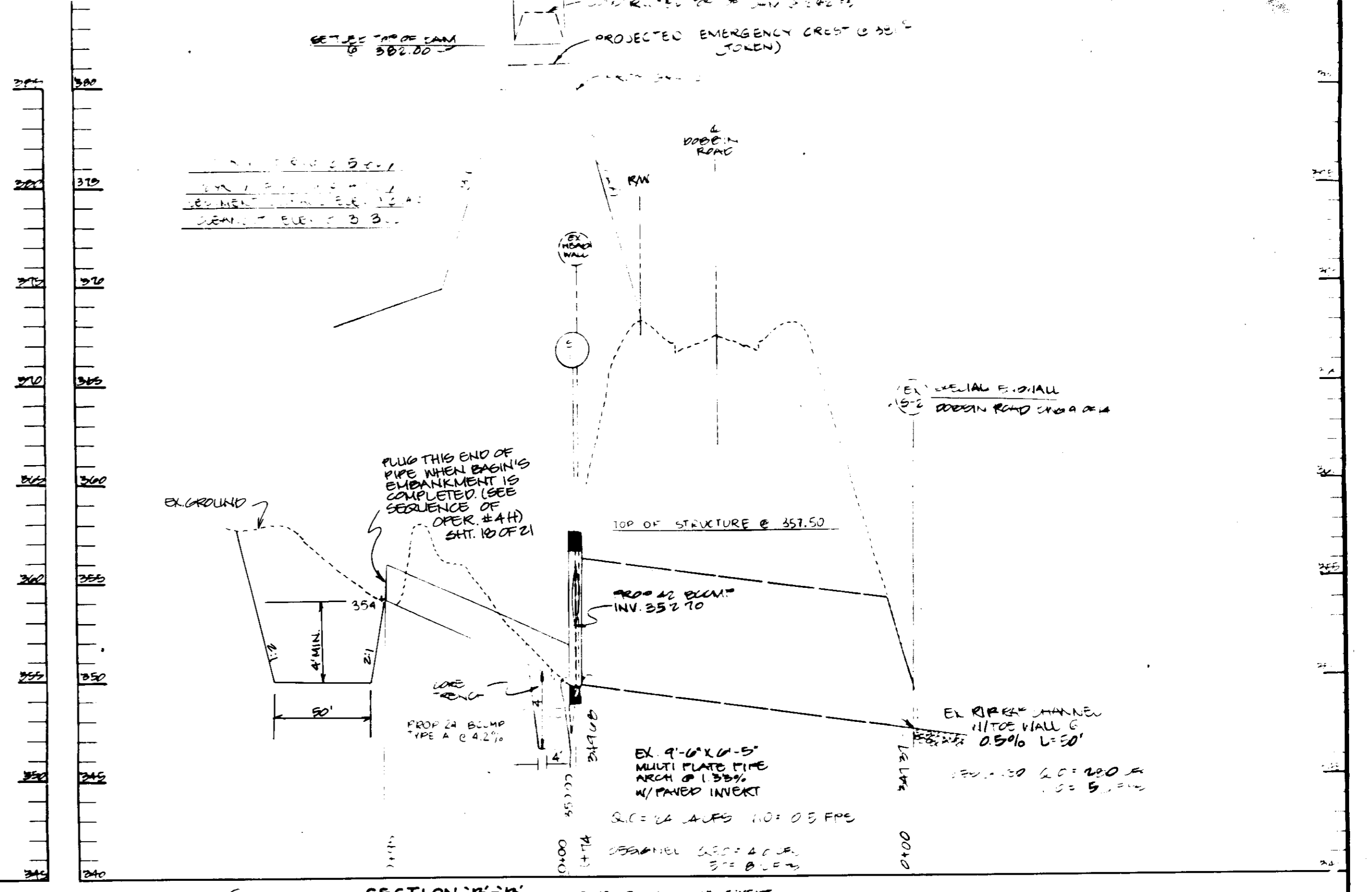
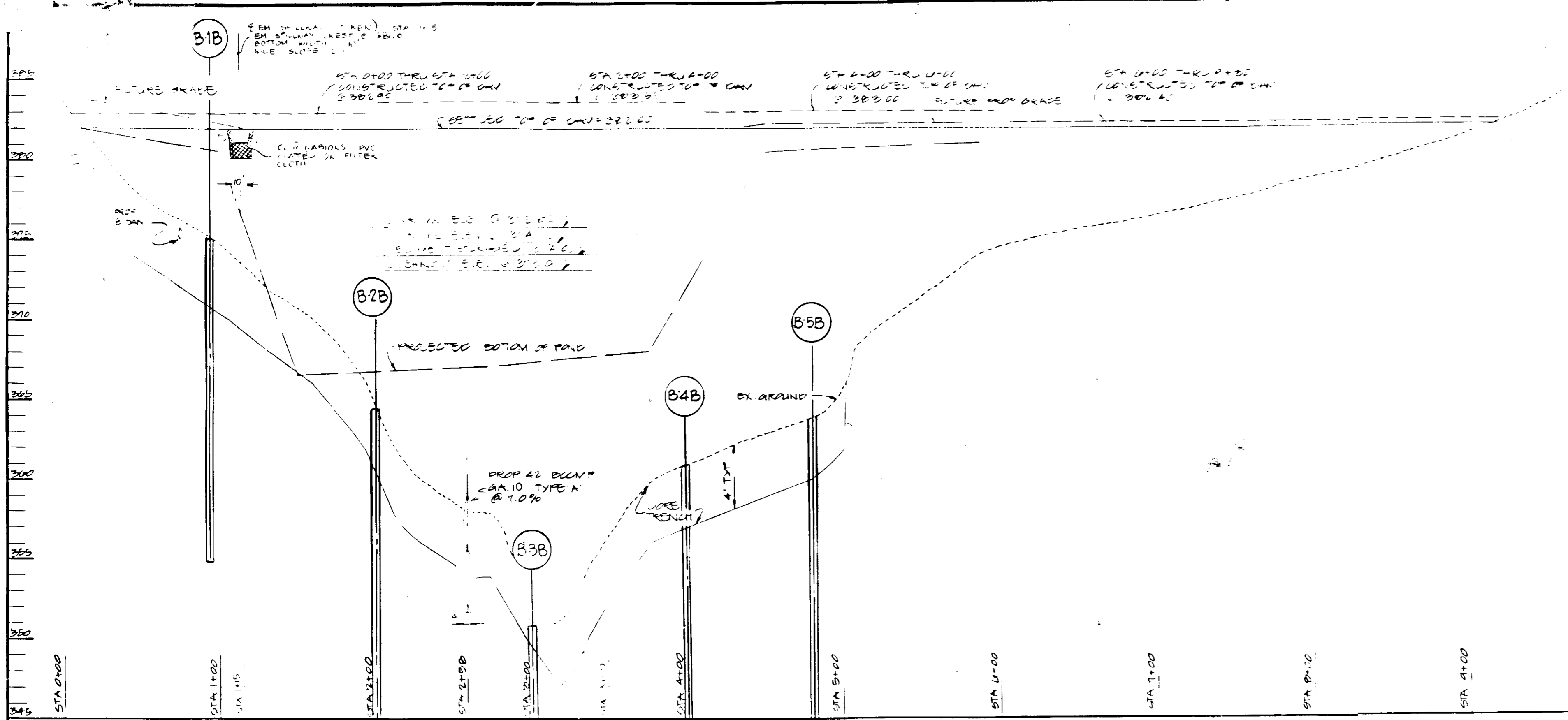
SEDIMENT AND EROSION CONTROL PLAN  
**COLUMBIA CORPORATE PARK**  
 SIBLING INDUSTRIAL CENTER  
 SECTION 1, AREA 1, PARCEL 1A  
 TAX MAP # 96 PARCEL 956  
 HOWARD COUNTY, MARYLAND ELECTION DISTRICT #6  
 SCALE AS SHOWN MARCH 23, 1987  
 PN. 05607 SHEET # 2 OF 21

SDP-87-193









**APPROVED**  
**PLANNING BOARD**  
**OF HOWARD COUNTY**  
 DATE 6-10-87  
*M. J. Hill*

These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements for small pond construction, soil erosion & sediment control.  
*James M. Heh* 9-15-87  
 U.S. Soil Conservation Service

These plans for small pond construction, soil erosion & sediment control meet the requirements of Howard Soil Conservation District.  
 Approved: *Richard W. Ziehm* 9-15-87  
 Howard Soil Conservation District Date

APPROVED: For public water & sewerage systems Howard Co. Health Department.  
*John P. Boyer* 10-1-87  
 County Health Officer Date

APPROVED: Howard County Office of Planning & Zoning  
*William* 10-5-87  
 Director Date

APPROVED: For public water & public sewerage storm drainage systems and public roads Howard County Department of Public Works  
*James M. Hill* 9/30/87  
 Director Date

**GEORGE WILLIAM STEPHENS, JR.**  
**AND ASSOCIATES, INC.**  
 CIVIL ENGINEERS & LAND SURVEYORS  
 303 ALLEGHENY AVENUE  
 TOWSON, MARYLAND 21204  
 (301) 825-8120



ENGINEER'S CERTIFICATE  
 I CERTIFY THAT THIS PLAN FOR S.W.N. FACILITY CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENT 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 ADVISED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH A RED-LINED "AS-BUILT" OF THE S.W.N. FACILITY WITHIN 30 DAYS OF COMPLETION.  
 ENGINEER: *Virginia Chandler*  
 PROFESSIONAL ENGINEER  
 LICENSE NO. 12920 DATE: 3/31/87

OWNER  
 WESTERN ELECTRIC COMPANY  
 1 OAK WAY  
 BERKLEY HEIGHTS, NEW JERSEY 07022  
 DEVELOPER  
 McGILL DEVELOPMENT COMPANY  
 6430 DOBBIN ROAD  
 COLUMBIA, MARYLAND 21045

DEVELOPER'S CERTIFICATE  
 I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED SEMINAR AT THE COMPLETION OF THE PROJECT AND BEFORE BEGINNING THE PROJECT. 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. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH A RED-LINED "AS-BUILT" OF THE S.W.N. FACILITY WITHIN 30 DAYS OF COMPLETION.  
 DEVELOPER: *Christopher W. Klutz* TITLE CHAIRMAN DATE: 3/27/87

DESIGNED BY: *Christopher W. Klutz*  
 DRAWN BY: *Christopher W. Klutz*  
 CHECKED BY: *Christopher W. Klutz*  
 REVISIONS:

SEDIMENT & EROSION CONTROL PROFILES AND DETAILS  
**COLUMBIA CORPORATE PARK**  
 SECTION 1, AREA 1, PARCEL 1A  
 TAX MAP #36 PARCEL 356  
 HOWARD COUNTY, MARYLAND ELECTION DISTRICT #2  
 SCALE AS SHOWN MARCH 23, 1987  
 PN 05607 SHEET 8 OF 21  
**SDP-87-193**



**CONSTRUCTION SPECIFICATIONS**

1. **SOIL PREPARATION**  
The top 12 inches of soil shall be removed and replaced with a suitable material. The top 12 inches of soil shall be removed and replaced with a suitable material. The top 12 inches of soil shall be removed and replaced with a suitable material.

2. **FOUNDATION**  
The foundation shall be constructed of concrete. The foundation shall be constructed of concrete. The foundation shall be constructed of concrete.

3. **WALLS**  
The walls shall be constructed of concrete. The walls shall be constructed of concrete. The walls shall be constructed of concrete.

4. **ROOFING**  
The roof shall be constructed of asphalt shingles. The roof shall be constructed of asphalt shingles. The roof shall be constructed of asphalt shingles.

5. **MECHANICAL**  
The mechanical system shall be installed in accordance with the manufacturer's instructions. The mechanical system shall be installed in accordance with the manufacturer's instructions. The mechanical system shall be installed in accordance with the manufacturer's instructions.

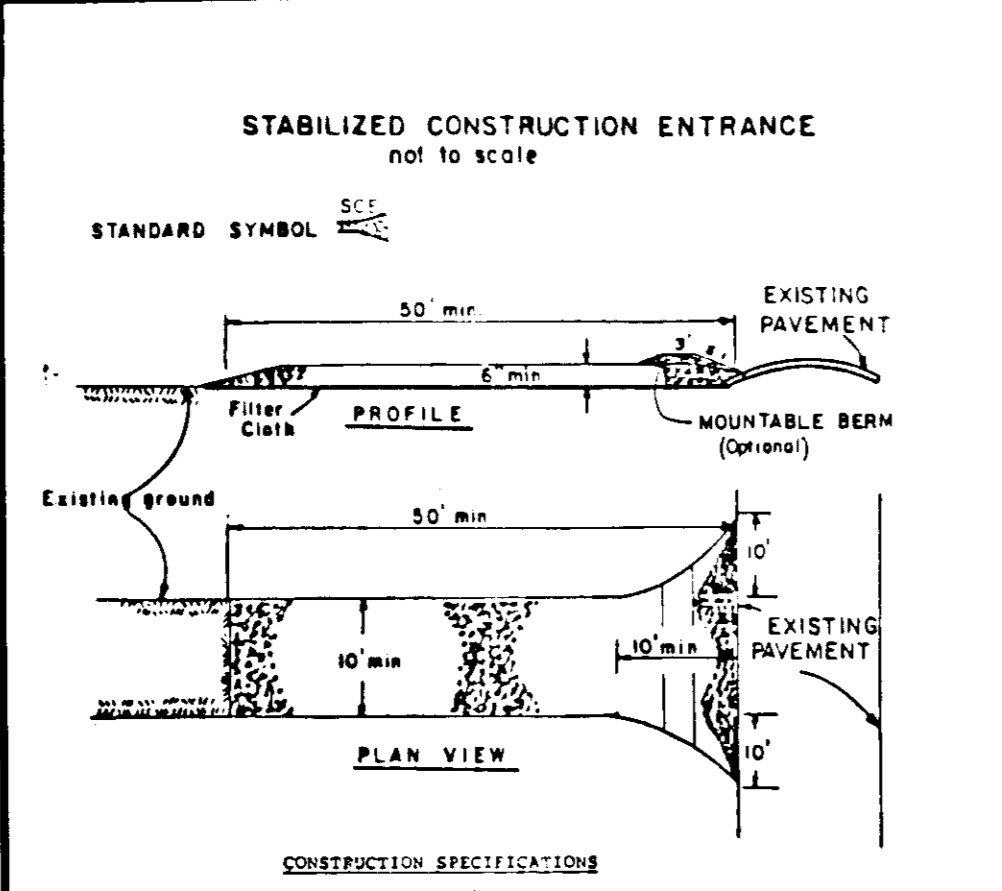
6. **ELECTRICAL**  
The electrical system shall be installed in accordance with the National Electrical Code. The electrical system shall be installed in accordance with the National Electrical Code. The electrical system shall be installed in accordance with the National Electrical Code.

7. **PLUMBING**  
The plumbing system shall be installed in accordance with the Uniform Plumbing Code. The plumbing system shall be installed in accordance with the Uniform Plumbing Code. The plumbing system shall be installed in accordance with the Uniform Plumbing Code.

8. **PAVING**  
The paving shall be constructed of concrete. The paving shall be constructed of concrete. The paving shall be constructed of concrete.

9. **LANDSCAPING**  
The landscaping shall be installed in accordance with the landscape architect's plan. The landscaping shall be installed in accordance with the landscape architect's plan. The landscaping shall be installed in accordance with the landscape architect's plan.

10. **GENERAL**  
All construction shall be in accordance with the approved plans and specifications. All construction shall be in accordance with the approved plans and specifications. All construction shall be in accordance with the approved plans and specifications.



**STABILIZED CONSTRUCTION ENTRANCE**  
not to scale

**STANDARD SYMBOL**

**CONSTRUCTION SPECIFICATIONS**

1. Stone Size - Use 3" stone, or crushed or recycled concrete equivalent.
2. Length - As required, but not less than 50 feet (except on a single residential lot where a 30 foot minimum length would apply).
3. Thickness - Not less than 18 inches.
4. Width - Ten (10) foot minimum, but not less than the full width at the points where ingress or egress is required.
5. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residential lot.
6. Surface Water - All surface water flowing or directed toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 3:1 slope will be provided.
7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking of silt or sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleaning of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
8. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area established with stone and which drains into an approved sediment trap device.
9. Periodic inspection and needed maintenance shall be provided after each rain.

**PERMANENT SEEDING NOTES**

1. **Preparation** - Loose top 3 inches of soil by raking, dicing or other necessary means before seeding.

2. **Application** - See one of the following methods:

1. Broadcast - Apply 2 tons per acre (2000 lbs. per acre) of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.
2. Acceptable - Apply 2 tons per acre (2000 lbs. per acre) of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.

3. **Watering** - Apply 1/2 inch of water per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.

4. **Maintenance** - Inspect all seeded areas and make needed repairs, re-seeding and watering.

**TEMPORARY SEEDING NOTES**

1. **Preparation** - Loose top 3 inches of soil by raking, dicing or other necessary means before seeding.

2. **Application** - See one of the following methods:

1. Broadcast - Apply 2 tons per acre (2000 lbs. per acre) of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.
2. Acceptable - Apply 2 tons per acre (2000 lbs. per acre) of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.

3. **Watering** - Apply 1/2 inch of water per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.

4. **Maintenance** - Inspect all seeded areas and make needed repairs, re-seeding and watering.

**REVISIONS OF OPERATIONS**

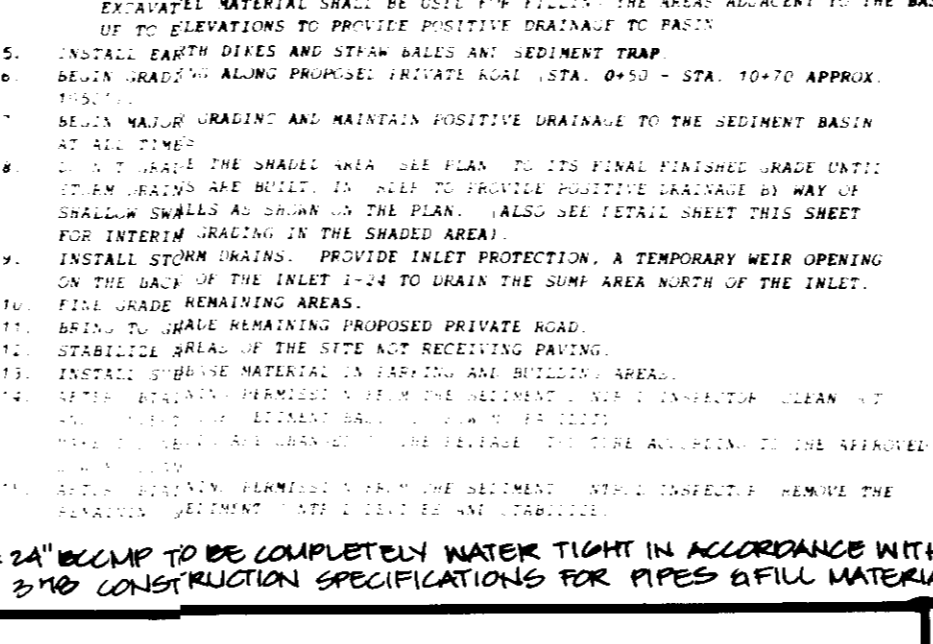
1. **MULTIPLY** - COUNTY DEPARTMENT OF PERMITS INSPECTOR, 24 HOURS PRIOR TO BEGINNING OF CONSTRUCTION.

2. **STANDARD SYMBOL** - SEE ONE OF THE FOLLOWING METHODS:

1. Broadcast - Apply 2 tons per acre (2000 lbs. per acre) of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.
2. Acceptable - Apply 2 tons per acre (2000 lbs. per acre) of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.

3. **Watering** - Apply 1/2 inch of water per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.

4. **Maintenance** - Inspect all seeded areas and make needed repairs, re-seeding and watering.



**TEMPORARY SHALE**

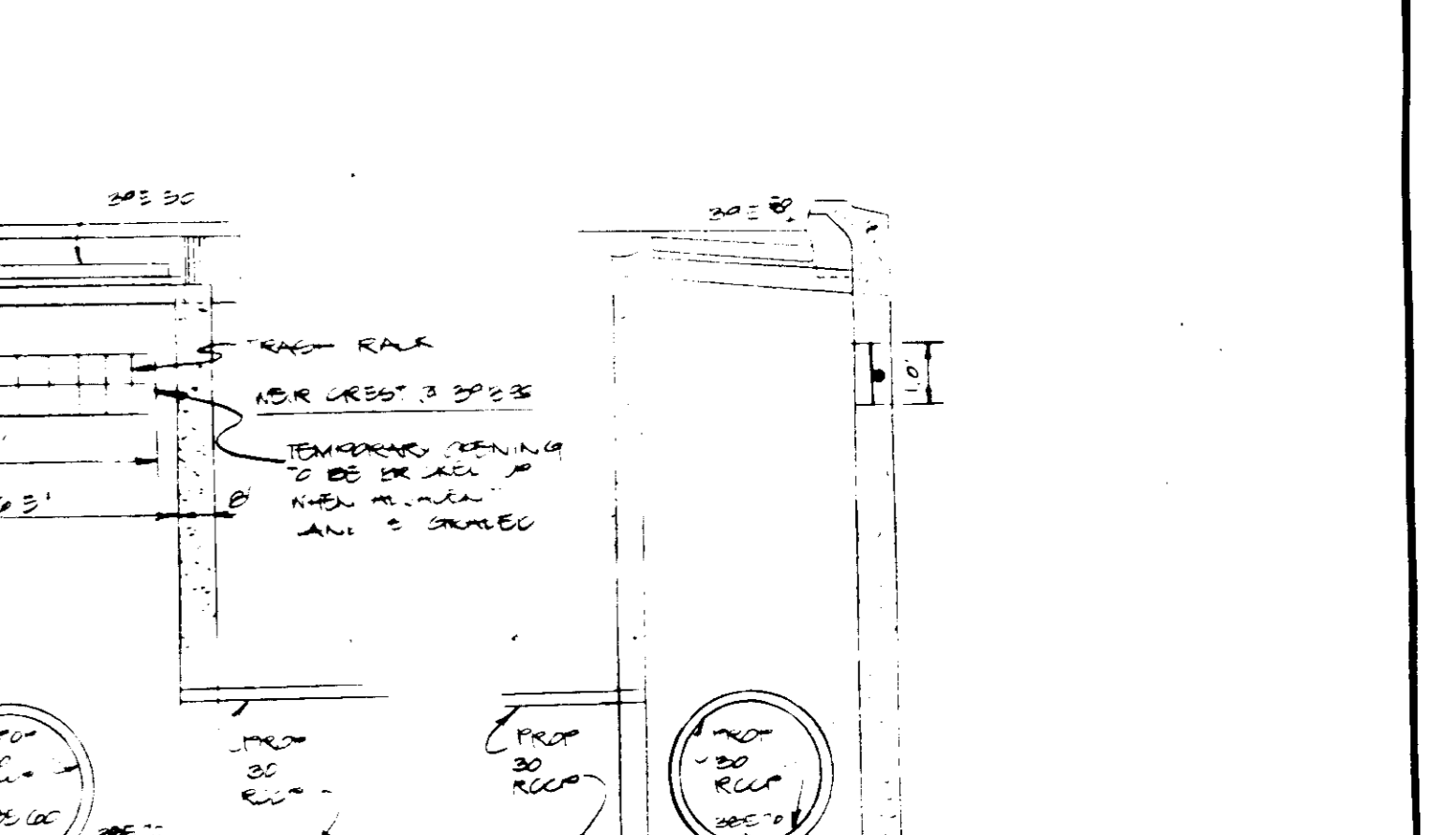
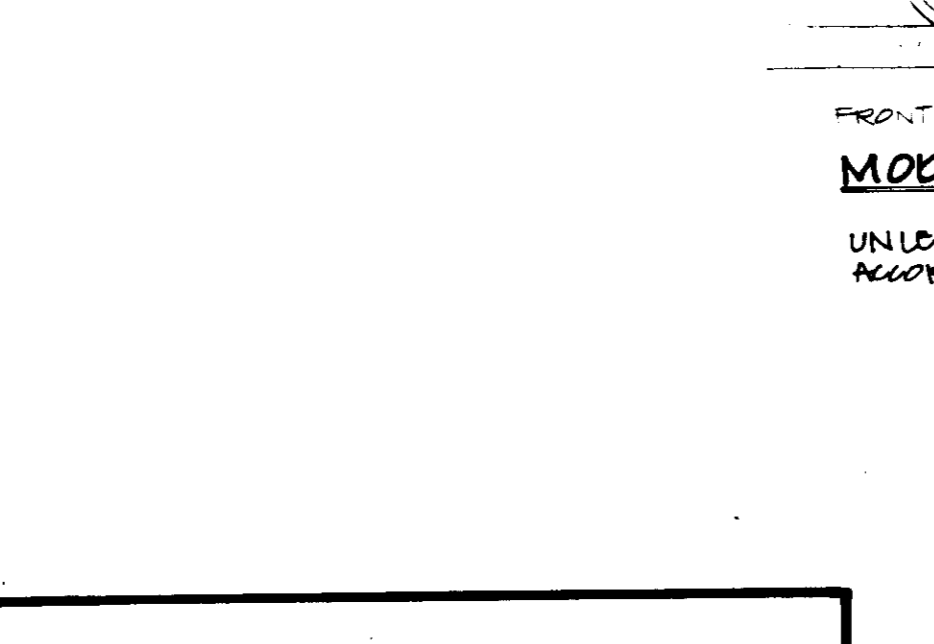
1. **Preparation** - Loose top 3 inches of soil by raking, dicing or other necessary means before seeding.

2. **Application** - See one of the following methods:

1. Broadcast - Apply 2 tons per acre (2000 lbs. per acre) of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.
2. Acceptable - Apply 2 tons per acre (2000 lbs. per acre) of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.

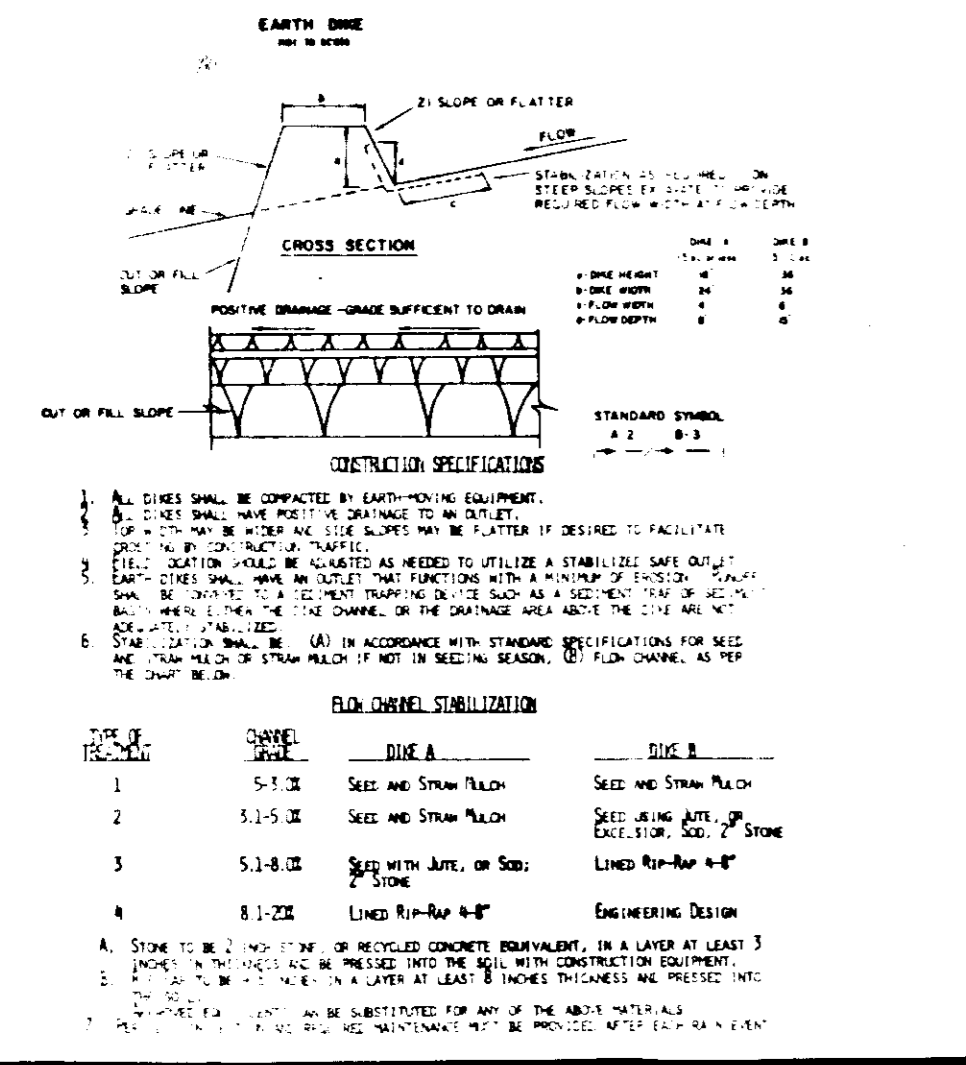
3. **Watering** - Apply 1/2 inch of water per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.

4. **Maintenance** - Inspect all seeded areas and make needed repairs, re-seeding and watering.



**MODIFIED DOUBLE TYPE S COMB INLET 'I-24'**  
NO SCALE

UNLESS OTHERWISE NOTED INLET SHALL BE BUILT UP ACCORDING TO HOWARD COUNTY STANDARDS & DETAILS PLATE 60-4-34



**ROCK CHANNEL STABILIZATION**

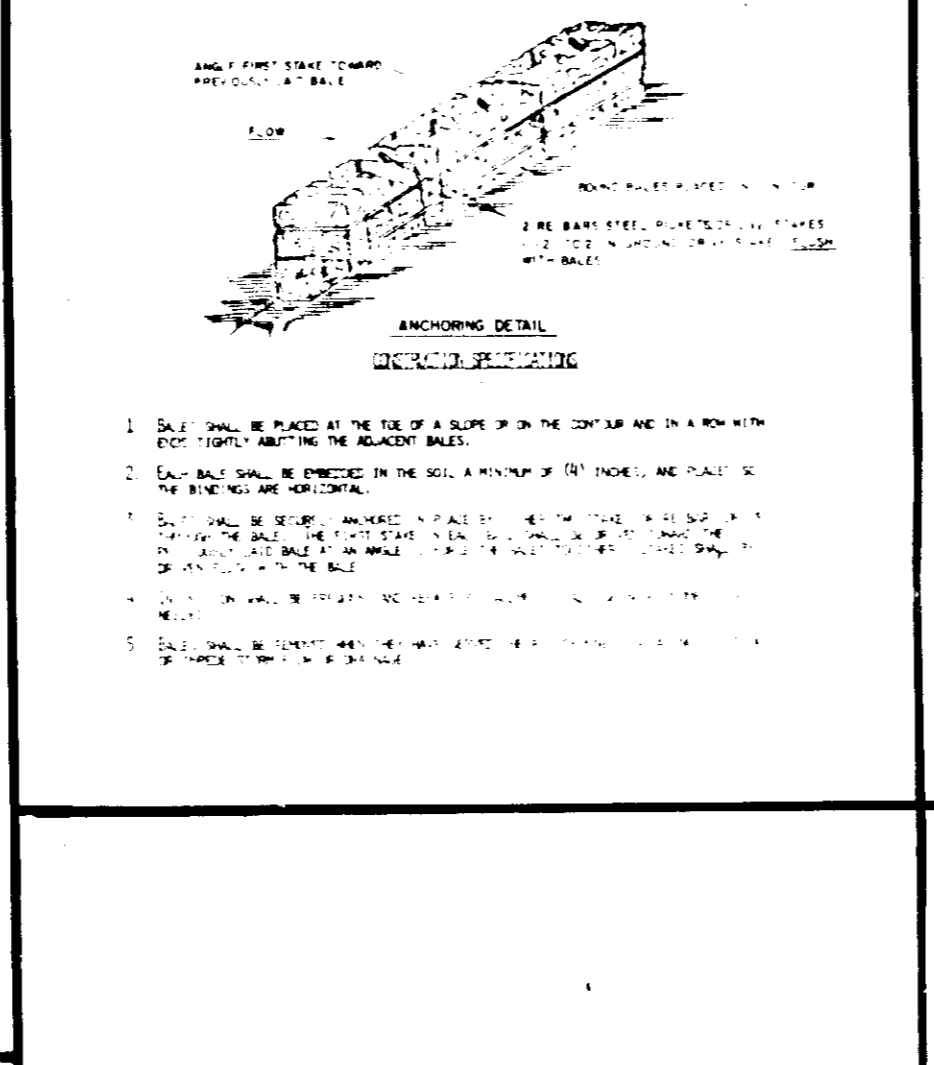
1. **Preparation** - Loose top 3 inches of soil by raking, dicing or other necessary means before seeding.

2. **Application** - See one of the following methods:

1. Broadcast - Apply 2 tons per acre (2000 lbs. per acre) of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.
2. Acceptable - Apply 2 tons per acre (2000 lbs. per acre) of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.

3. **Watering** - Apply 1/2 inch of water per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.

4. **Maintenance** - Inspect all seeded areas and make needed repairs, re-seeding and watering.



**SEDIMENT TRAP**

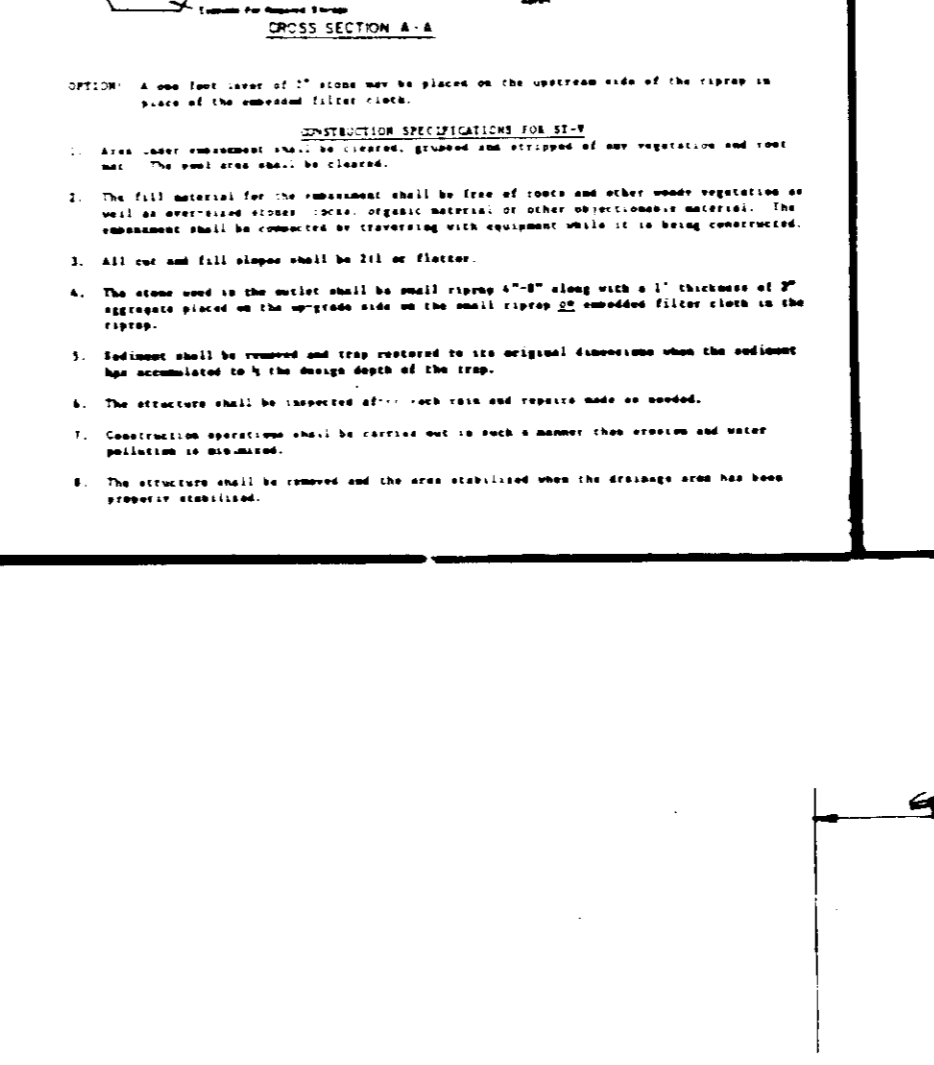
1. **Preparation** - Loose top 3 inches of soil by raking, dicing or other necessary means before seeding.

2. **Application** - See one of the following methods:

1. Broadcast - Apply 2 tons per acre (2000 lbs. per acre) of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.
2. Acceptable - Apply 2 tons per acre (2000 lbs. per acre) of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.

3. **Watering** - Apply 1/2 inch of water per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.

4. **Maintenance** - Inspect all seeded areas and make needed repairs, re-seeding and watering.



**DOUBLE INLET PROTECTION DETAIL**

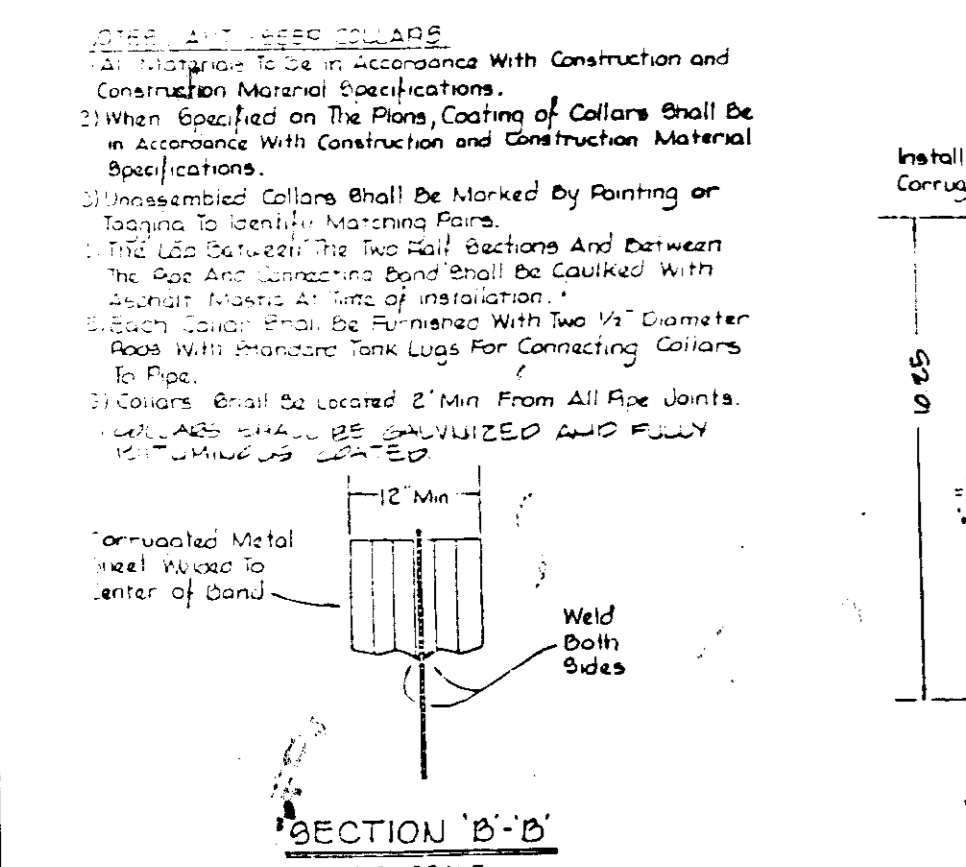
1. **Preparation** - Loose top 3 inches of soil by raking, dicing or other necessary means before seeding.

2. **Application** - See one of the following methods:

1. Broadcast - Apply 2 tons per acre (2000 lbs. per acre) of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.
2. Acceptable - Apply 2 tons per acre (2000 lbs. per acre) of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.

3. **Watering** - Apply 1/2 inch of water per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.

4. **Maintenance** - Inspect all seeded areas and make needed repairs, re-seeding and watering.



**ANTI-GEEP COLLAR DETAIL**

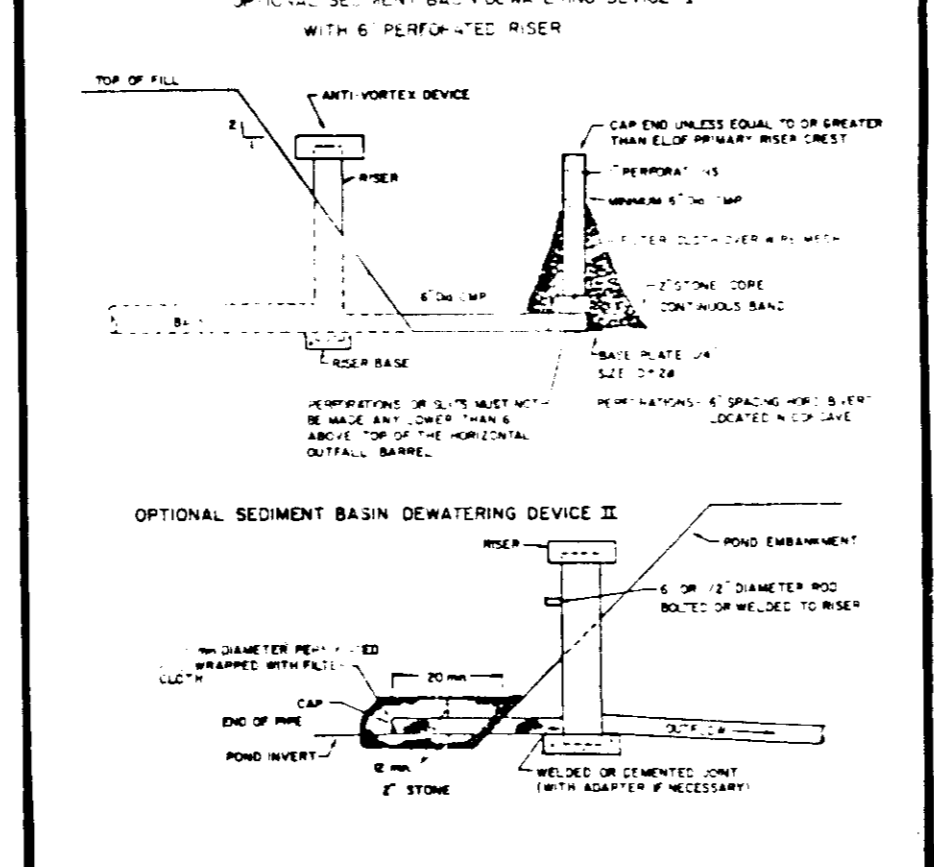
1. **Preparation** - Loose top 3 inches of soil by raking, dicing or other necessary means before seeding.

2. **Application** - See one of the following methods:

1. Broadcast - Apply 2 tons per acre (2000 lbs. per acre) of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.
2. Acceptable - Apply 2 tons per acre (2000 lbs. per acre) of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.

3. **Watering** - Apply 1/2 inch of water per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.

4. **Maintenance** - Inspect all seeded areas and make needed repairs, re-seeding and watering.



**OPTIONAL SEDIMENT BASIN DEWATERING DEVICE II**

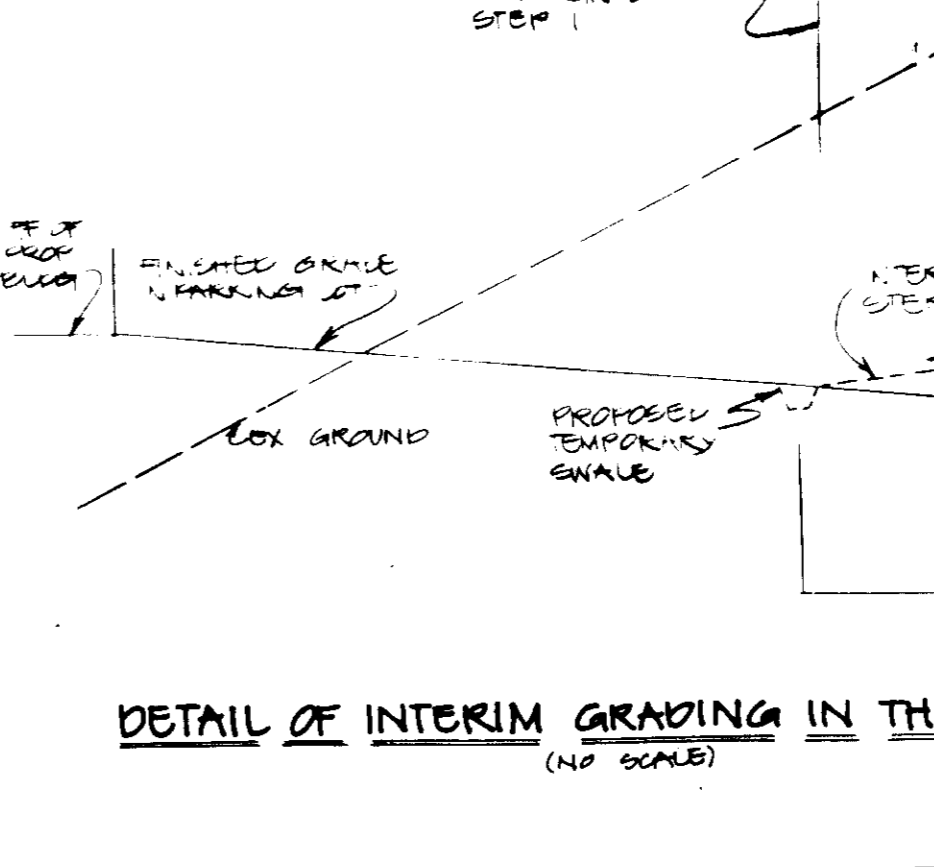
1. **Preparation** - Loose top 3 inches of soil by raking, dicing or other necessary means before seeding.

2. **Application** - See one of the following methods:

1. Broadcast - Apply 2 tons per acre (2000 lbs. per acre) of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.
2. Acceptable - Apply 2 tons per acre (2000 lbs. per acre) of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.

3. **Watering** - Apply 1/2 inch of water per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.

4. **Maintenance** - Inspect all seeded areas and make needed repairs, re-seeding and watering.



**DETAIL OF INTERIM GRADING IN THE SHADED AREA**  
(NO SCALE)

1. **Preparation** - Loose top 3 inches of soil by raking, dicing or other necessary means before seeding.

2. **Application** - See one of the following methods:

1. Broadcast - Apply 2 tons per acre (2000 lbs. per acre) of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.
2. Acceptable - Apply 2 tons per acre (2000 lbs. per acre) of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.

3. **Watering** - Apply 1/2 inch of water per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil. Broadcast seed at a rate of 20 lbs. per 1000 sq. ft. of seed (100% pure) to the soil.

4. **Maintenance** - Inspect all seeded areas and make needed repairs, re-seeding and watering.

**GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.**  
CIVIL ENGINEERS & LAND SURVEYORS  
303 ALLEGHENY AVENUE  
TOWSON, MARYLAND 21284  
(301) 825-8120

**ENGINEER'S CERTIFICATE**  
I CERTIFY THAT THIS PLAN FOR S.W.N. FACILITY 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 COUNTY DEPARTMENT OF PERMITS. I HAVE NOTIFIED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD COUNTY DEPARTMENT OF PERMITS WITH A RED-LINED "AS-BUILT" OF THE S.W.N. FACILITY WITHIN 30 DAYS OF COMPLETION.

ENGINEER: *George William Stephens, Jr.*  
REG. NO.: 12345  
DATE: 3/31/87

**OWNER**  
WESTERN ELECTRIC COMPANY  
1 OAK WAY  
BERKLEY HEIGHTS, NEW JERSEY 07922

**DEVELOPER**  
MCGILL DEVELOPMENT COMPANY  
6430 DOBBIN ROAD  
COLUMBIA, MARYLAND 21045

**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 PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AS A DEPARTMENT OF NATURAL RESOURCES APPROVED PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY DEPARTMENT OF PERMITS OR THEIR AUTHORIZED AGENTS AS DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD COUNTY DEPARTMENT OF PERMITS. I WILL PROVIDE THE HOWARD COUNTY DEPARTMENT OF PERMITS WITH A RED-LINED "AS-BUILT" OF THE S.W.N. FACILITY WITHIN 30 DAYS OF COMPLETION.

DEVELOPER: *Christopher W. Kurtz*  
DATE: 3/31/87

**DEPARTMENT OF PERMITS**  
I CERTIFY THAT THIS PLAN FOR S.W.N. FACILITY 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 COUNTY DEPARTMENT OF PERMITS. I HAVE NOTIFIED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD COUNTY DEPARTMENT OF PERMITS WITH A RED-LINED "AS-BUILT" OF THE S.W.N. FACILITY WITHIN 30 DAYS OF COMPLETION.

PERMITS OFFICER: *Christopher W. Kurtz*  
DATE: 3/31/87

**SEEDMENT & EROSION CONTROL PROFILES & DETAILS**  
**COLUMBIA CORPORATE PARK**  
SIBLING INDUSTRIAL CENTER  
SECTION 1, AREA 1, PARCEL 'A'  
TAX MAP # 36 PARCEL # 36  
HOWARD COUNTY, MARYLAND  
SCALE AS SHOWN  
ELECTION DISTRICT # 6  
MARCH 23, 1987  
SHEET # 18 OF 21

APPROVED: *James M. Nelson* 9-15-87  
U.S. Soil Conservation Service  
District Engineer  
These plans for small pond construction, soil erosion and sediment control meet the requirements of Howard County Soil Conservation District.

APPROVED: *Robert Zichner* 9-15-87  
Howard County Soil Conservation District  
District Engineer

APPROVED: *James M. Nelson* 10-1-87  
Howard County Health Department  
District Engineer

APPROVED: *James M. Nelson* 10-5-87  
Howard County Office of Planning & Zoning  
District Engineer

APPROVED: *James M. Nelson* 10-2-87  
Howard County Office of Planning & Zoning  
District Engineer

APPROVED: *James M. Nelson* 9-20-87  
Howard County Office of Planning & Zoning  
District Engineer

APPROVED: *James M. Nelson* 9-29-87  
Howard County Office of Planning & Zoning  
District Engineer

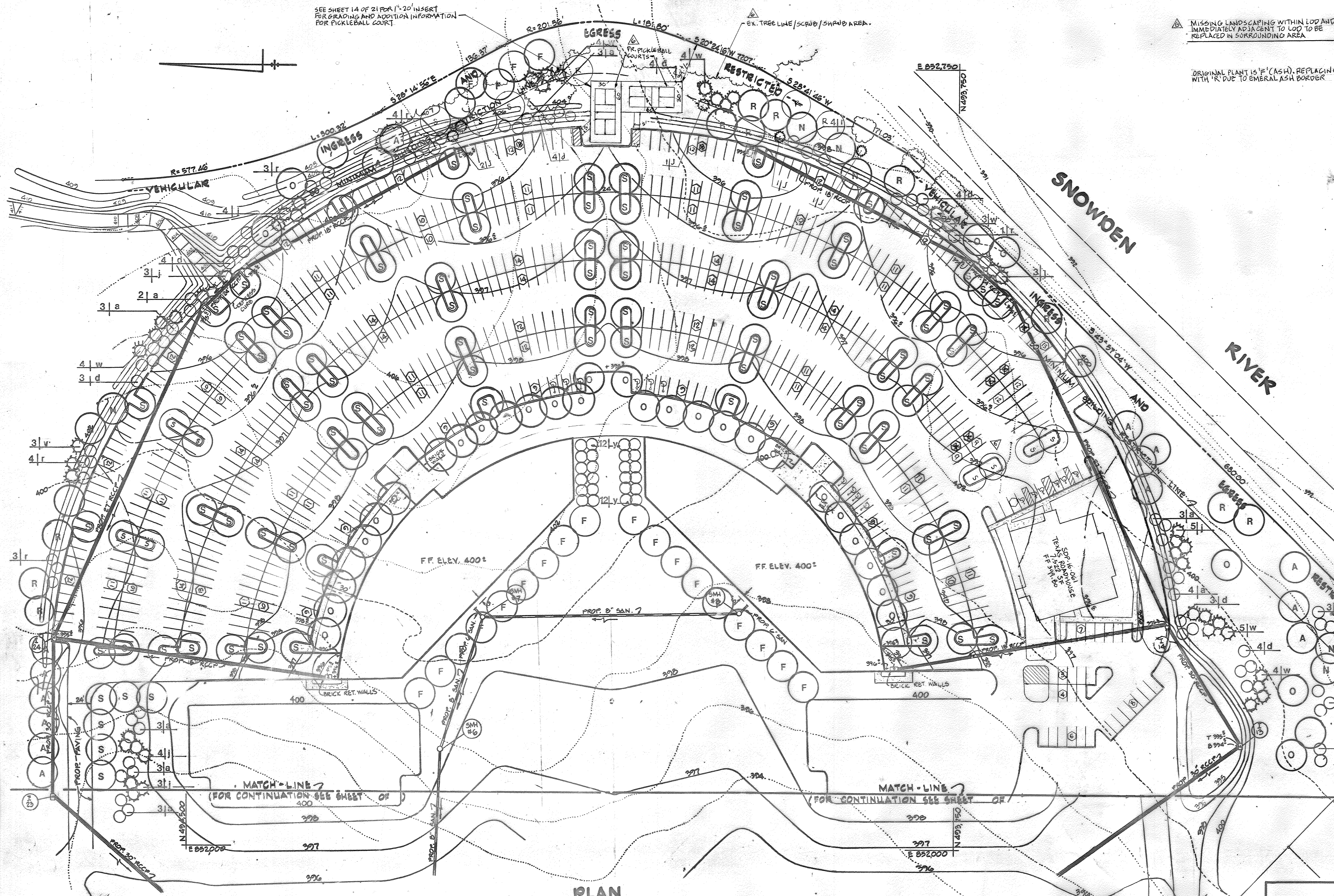


SEE SHEET 14 OF 21 FOR 1"=20' INSERT FOR GRADING AND ADDITIONAL INFORMATION FOR PICKLEBALL COURT

**PLANT LIST**

QTY	KEY	BOTANICAL/COMMON NAME	SIZE	REMARKS
<b>SHADE TREES</b>				
3	13 R	Acer rubrum 'October Glory'	13-15' ht.	B & B Full
		October Glory Maple	2 1/2-3" cal.	
16	A	Acer saccharum	13-15' ht.	B & B Full
		Sugar Maple	2 1/2-3" cal.	
26	F	Fraxinus pennsylvanica	13-15' ht.	B & B Full
		'Marshall's Seedless'	2 1/2-3" cal.	
		Marshall's Seedless Green Ash		
7	N	Nyssa sylvatica	12-14' ht.	B & B Full
		Sourgum or Tupelo	2 1/2-3" cal.	
3	109 S	Platanus x. acerfolia	13-15' ht.	B & B Full
		'Bloodgood'	2 1/2-3" cal.	
		Bloodgood London Planetree		
37	O	Quercus rubra	13-15' ht.	B & B Full
		Red Oak	2 1/2-3" cal.	
<b>EVERGREEN TREES</b>				
27	w	Pinus strobus	6-8' ht.	B & B Full
		Eastern White Pine		
5	27 j	Pinus thunbergiana	6-8' ht.	B & B Full
		Japanese Black Pine		
<b>FLOWERING TREES</b>				
29	a	Amelanchier canadensis	8-10' ht.	B & B Heavy
		Serviceberry		
23	r	Cercis canadensis	8-10' ht.	B & B Full
		Eastern Redbud		
4	22 d	Cornus florida	8-10' ht.	B & B Heavy
		Flowering Dogwood		
24	y	Prunus x. yedoensis	8-10' ht.	B & B Full
		Yoshino Cherry	2-2 1/2" cal.	

10 acres @ 28 shade trees/acre = 280 trees  
204 shade trees, 152 flowering/evergreen trees



**PLAN**  
SCALE: 1" = 90'

**PLANTING PLAN**

MARCH 24, 1987

**APPROVED**  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE: 6-10-87  
*[Signature]*

These plans have been reviewed for the Howard Soil Conservation District meet the technical requirements for small pond construction, soil erosion and sediment control.

*[Signature]* 9-15-87  
U.S. Soil Conservation Service Date

These plans for small pond construction, soil erosion and sediment control meet the requirements of Howard Soil Conservation District.

Approved: *[Signature]* 9-15-87  
Howard Soil Conservation District Date

Plan Number

APPROVED: For public water and public sewerage systems  
Howard County Health Department.

*[Signature]* 10-1-87  
County Health Officer Date

APPROVED: Howard County Office of Planning & Zoning.

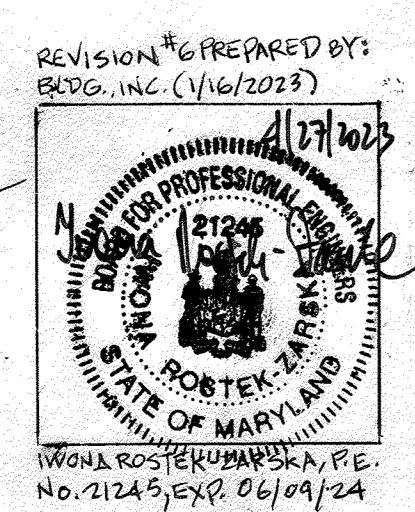
*[Signature]* 10-5-87  
Director Date

*[Signature]* 10-2-87  
Chief Division of Land Development & Zoning Administration Date

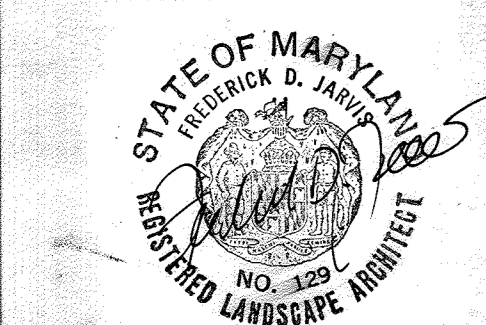
APPROVED: For public water and public sewerage storm drainage systems and public roads Howard County Department of Public Works.

*[Signature]* 9/30/87  
Director Date

*[Signature]* 9-23-87  
Chief Bureau of Engineering Date



**PROFESSIONAL CERTIFICATION**  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME WANDA ROSTEK-ZAROKA AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2024.



**GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.**  
CIVIL ENGINEERS & LAND SURVEYORS  
303 ALLEGHENY AVENUE  
TOWSON, MARYLAND 21204  
(301) 825-8120

**UDR**  
Land Design Research, Inc.  
Quarry Park Place/Suite 100  
9175 Guilford Road  
Columbia, Maryland 21046  
301-792-4360 Baltimore  
301-498-8500 Washington

**ENGINEER'S CERTIFICATE**  
I CERTIFY THAT THIS PLAN FOR S.N.H. FACILITY CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PROFESSIONAL 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 A RED-LINED "AS-BUILT" OF THE S.N.H. FACILITY WITHIN 30 DAYS OF COMPLETION.

ENGINEER: Wanda Rostek-Zaroka  
REG. NO.: 21245  
DATE: 3/24/87

**OWNER**  
WESTERN ELECTRIC COMPANY  
1 OAK WAY  
BERKLEY HEIGHTS, NEW JERSEY 07922

**DEVELOPER**  
MCGILL DEVELOPMENT COMPANY  
6430 DOBBIN ROAD  
COLUMBIA, MARYLAND 21045

**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 PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH A RED-LINED "AS-BUILT" OF THE S.N.H. FACILITY WITHIN 30 DAYS OF COMPLETION.

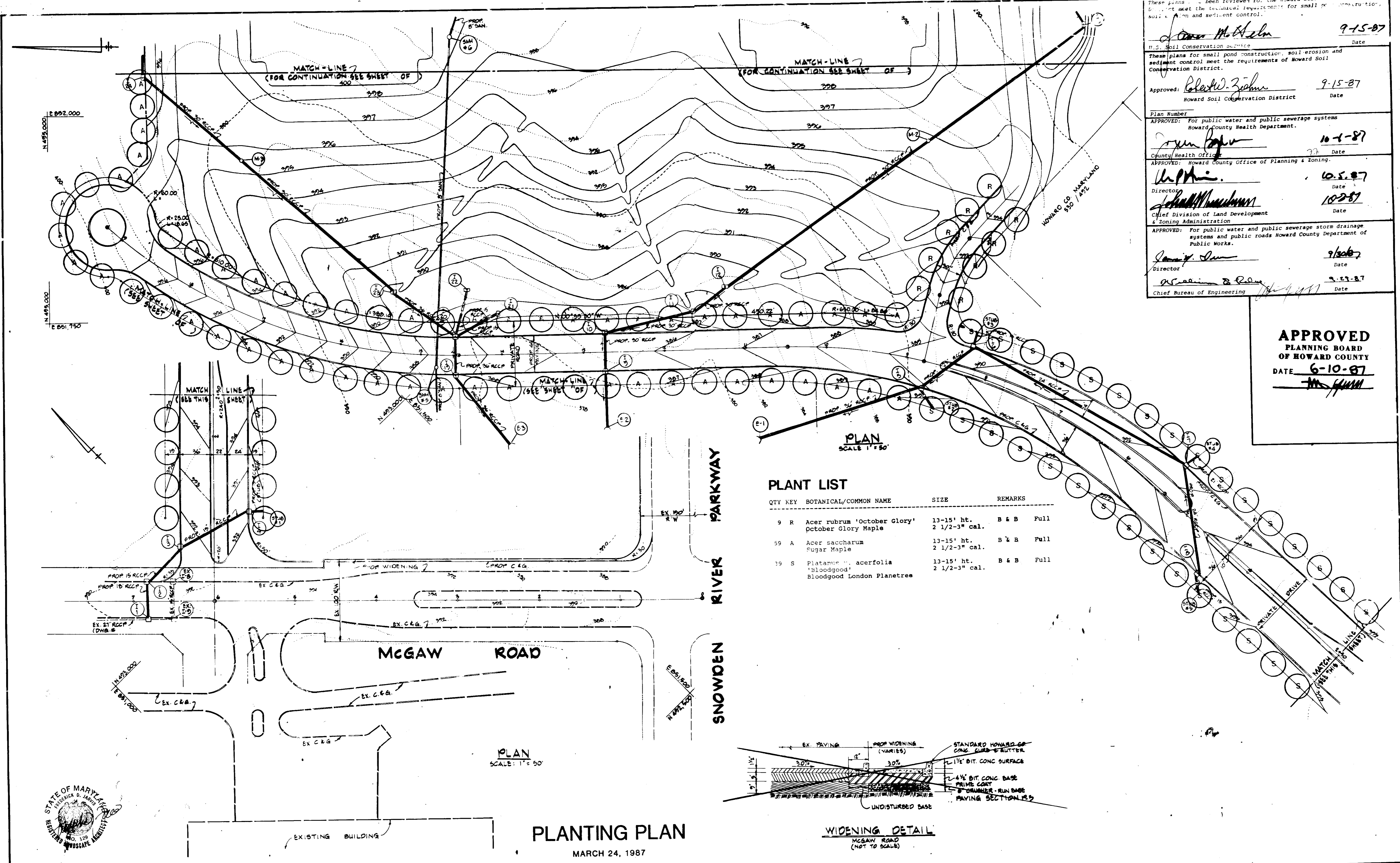
DEVELOPER: Christopher W. Kurze  
DATE: 3/27/87  
TITLE: CHAIRMAN

**DESIGNED BY:**  
**DRAWN BY:**  
**CHECKED BY:**  
REVISIONS

**LANDSCAPING PLAN**  
**COLUMBIA CORPORATE PARK**  
SIELING INDUSTRIAL CENTER  
SECTION 1, AREA 1, PARCEL 'A'  
TAX MAP #36 PARCEL 996  
HOWARD COUNTY, MARYLAND ELECTION DISTRICT #6  
SCALE AS SHOWN MARCH 1987  
PN. 05607 SHEET #19 OF 21

SDP-87-193c





These plans have been reviewed for the Howard Soil Conservation District to meet the technical requirements for small pond construction, soil erosion and sediment control, soil stabilization and sediment control.

*John McHelm* 9-15-87  
 U.S. Soil Conservation Service Date

Approved: *Robert W. Zecher* 9-15-87  
 Howard Soil Conservation District Date

Plan Number  
 APPROVED: For public water and public sewerage systems  
 Howard County Health Department.

*John B. ...* 10-1-87  
 County Health Officer Date

APPROVED: Howard County Office of Planning & Zoning.

*W. P. ...* 10-5-87  
 Director Date

*John M. ...* 10-2-87  
 Chief Division of Land Development  
 Zoning Administration Date

APPROVED: For public water and public sewerage storm drainage systems and public roads Howard County Department of Public Works.

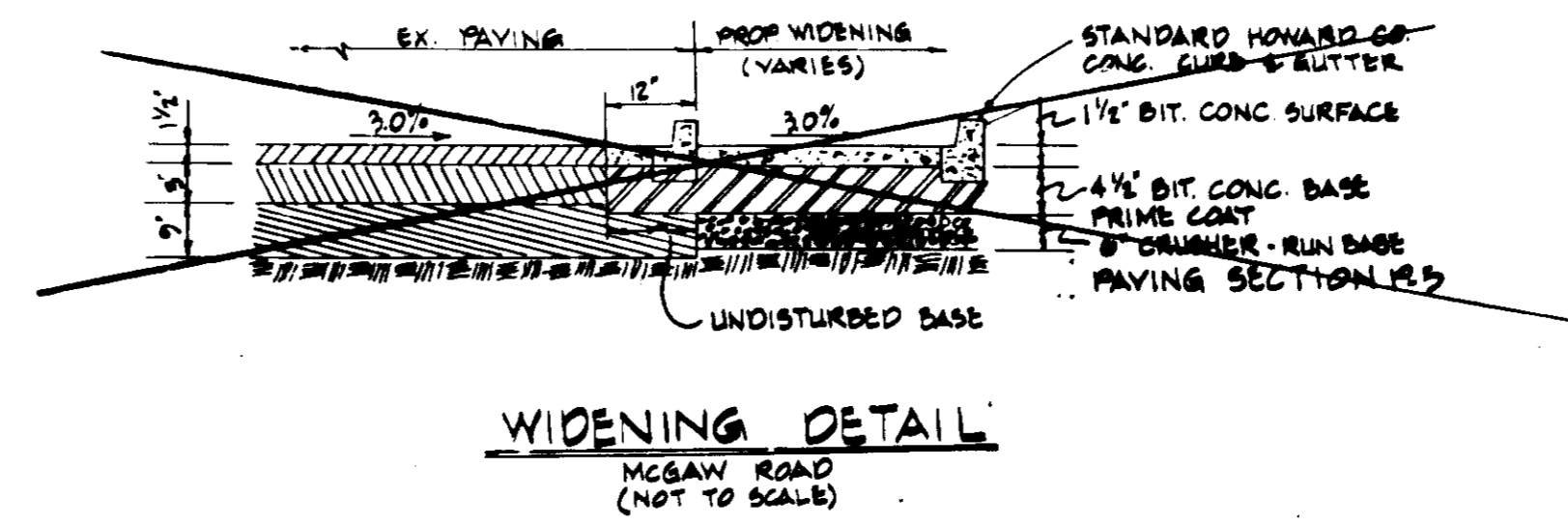
*Janet ...* 9/26/87  
 Director Date

*William B. ...* 9-29-87  
 Chief Bureau of Engineering Date

**APPROVED**  
**PLANNING BOARD**  
**OF HOWARD COUNTY**  
 DATE 6-10-87  
*M. H. ...*

**PLANT LIST**

QTY	KEY	BOTANICAL/Common Name	SIZE	REMARKS
9	R	Acer rubrum 'October Glory'	13-15' ht.	B & B Full
2		October Glory Maple	2 1/2-3" cal.	
59	A	Acer saccharum	13-15' ht.	B & B Full
		Sugar Maple	2 1/2-3" cal.	
19	S	Platanus acerfolia	13-15' ht.	B & B Full
		'Bloodgood'	2 1/2-3" cal.	
		Bloodgood London Planetree		



**PLANTING PLAN**  
 MARCH 24, 1987



**GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.**  
 CIVIL ENGINEERS & LAND SURVEYORS  
 303 ALLEGHENY AVENUE  
 TOWSON, MARYLAND 21204  
 (301) 825-8120

**LDL**  
 Land Design & Landscape Architects  
 Quarry Park Place Suite 100  
 9175 Guilford Road  
 Columbia, Maryland 21046  
 301-792-4160 Baltimore  
 301-498-8300 Washington

**ENGINEER'S CERTIFICATE**  
 I CERTIFY THAT THIS PLAN FOR S.W.N. FACILITY 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 A RED-LINED "AS-BUILT" OF THE S.W.N. FACILITY WITHIN 30 DAYS OF COMPLETION.

ENGINEER: \_\_\_\_\_ DATE: \_\_\_\_\_  
 REG. NO. \_\_\_\_\_

**OWNER**  
 WESTERN ELECTRIC COMPANY  
 1 OAK WAY  
 BERKLEY HEIGHTS, NEW JERSEY 07922

**DEVELOPER**  
 MCGILL DEVELOPMENT COMPANY  
 6430 DOBBIN ROAD  
 COLUMBIA, MARYLAND 21046

**DEVELOPER'S CERTIFICATE**  
 I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION IN THE CONSTRUCTION PROJECT WILL BE DONE ACCORDING TO THESE PLANS AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. 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. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH A RED-LINED "AS-BUILT" OF THE S.W.N. FACILITY WITHIN 30 DAYS OF COMPLETION.

DEVELOPER: *Christopher W. Kurz* DATE: 3/24/87  
 TITLE: CHAIRMAN

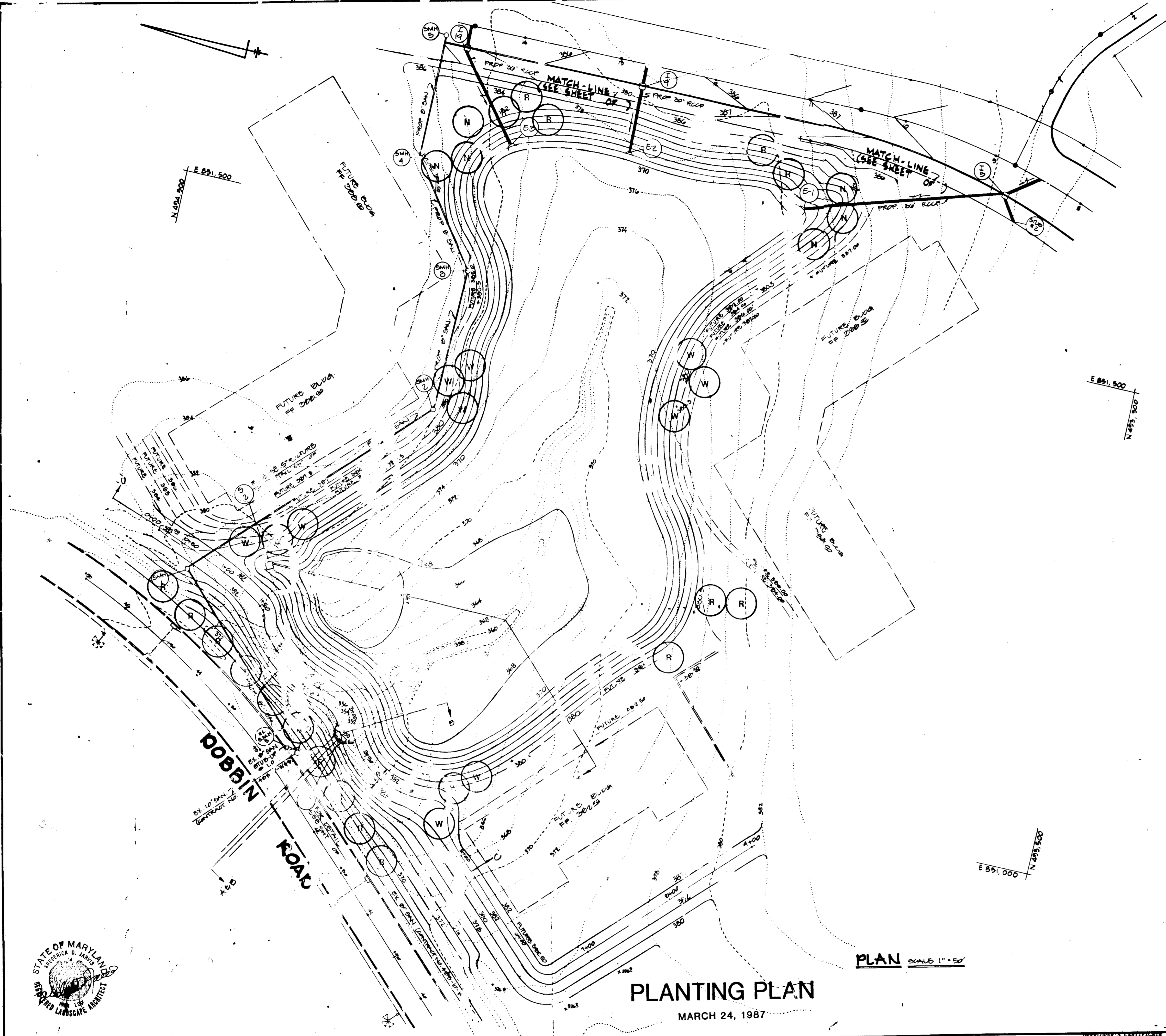
DESIGNED BY: \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_

LANDSCAPING PLAN  
**COLUMBIA CORPORATE PARK**  
 BIBLING INDUSTRIAL CENTER  
 SECTION 1, AREA 1, PARCEL 'A'  
 TAX MAP 036 PARCEL 350  
 HOWARD COUNTY, MARYLAND ELECTION DISTRICT #6  
 SCALE AS SHOWN MARCH 1987  
 PN. 05607 SHEET #2 OF 1



**PLANT LIST**

KEY	QTY	BOTANICAL COMMON NAME	SIZE	REMARKS
R	18	Acer rubrum 'October Glory' October Glory Maple	13-15' ht. 2 1/2-3" cal.	B & B Full
N	6	Nyssa sylvatica Tupelo	12-14' ht. 2 1/2-3" cal.	B & B Full
W	12	Salix babylonica Babylon Weeping Willow	11-13' ht. 2 1/2-3" cal.	B & B Full



**PLANTING PLAN**

MARCH 24, 1987

PLAN SCALE 1" = 50'

These plans have been reviewed for the Howard Soil Conservation District meet the technical requirements for all pond construction, soil erosion and sediment control.

*John M. H. [Signature]* 9-15-87  
U.S. Soil Conservation Service Date

These plans for small pond construction, soil erosion and sediment control meet the requirements of Howard Soil Conservation District.

Approved: *Rohat W. Zielke* 9-15-87  
Howard Soil Conservation District Date

Plan Number

APPROVED: For public water and public sewerage system.  
Howard County Health Department.

*John [Signature]* 10-1-87  
County Health Officer Date

APPROVED: Howard County Office of Planning & Zoning.

*Uri [Signature]* 10-5-87  
Director Date

*John [Signature]* 10-2-87  
Chief Division of Land Development & Zoning Administration Date

APPROVED: For public water and public sewerage storm drainage systems and public roads Howard County Department of Public Works.

*John [Signature]* 9-29-87  
Director Date

*John [Signature]* 9-29-87  
Chief Bureau of Engineering Date

**APPROVED**  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE 6-10-87



**GW'S**  
GEORGE WILLIAM STEPHENS, JR.  
AND ASSOCIATES, INC.  
CIVIL ENGINEERS & LAND SURVEYORS  
303 ALLEGHENY AVENUE  
TOWSON, MARYLAND 21284  
(301) 825-920

**LDR**  
Land Design Research, Inc.  
Quarry Park Place/Suite 100  
9175 Guilford Road  
Columbia, Maryland 21046  
301/992-4360 Baltimore  
301/498-8706 Washington

**OWNER**  
WESTERN ELECTRIC COMPANY  
OAK HAY  
BERKLEY HEIGHTS, NEW JERSEY 07022

**DEVELOPER**  
McGILL DEVELOPMENT COMPANY  
8430 DOBBIN ROAD  
COLUMBIA, MARYLAND 21046

DESIGNED BY:  
DRAWN BY:  
CHECKED BY:  
REVISIONS:

DEVELOPER: *Christopher W. Kure* DATE: 3/25/87  
TITLE: CHAIRMAN

LANDSCAPING PLAN  
**COLUMBIA CORPORATE PARK**  
SIBLING INDUSTRIAL CENTER  
SECTION 1, AREA 1, PARCEL 'A'  
TAX MAP #36 PARCEL 395  
HOWARD COUNTY, MARYLAND ELECTION DISTRICT #6  
SCALE: AS SHOWN MARCH 1987  
P.N. 05507 SHEET #21 OF 21

SDP-87-143