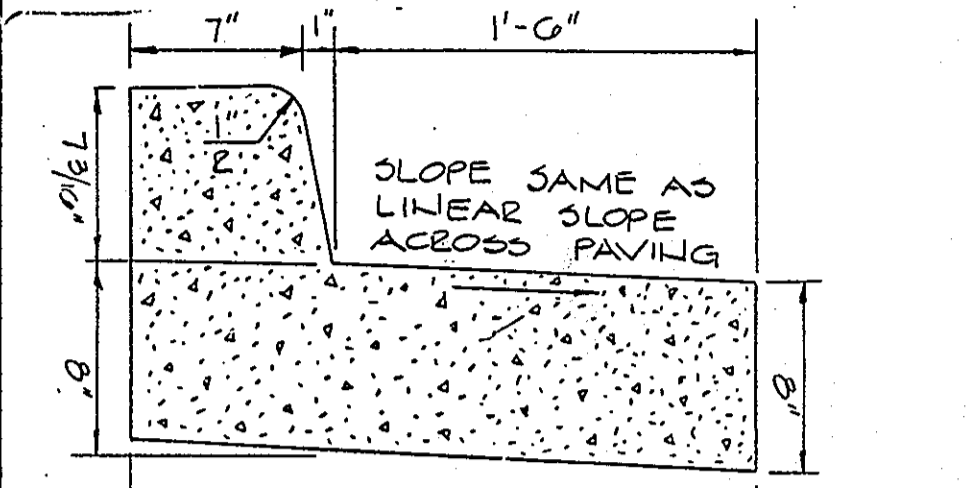
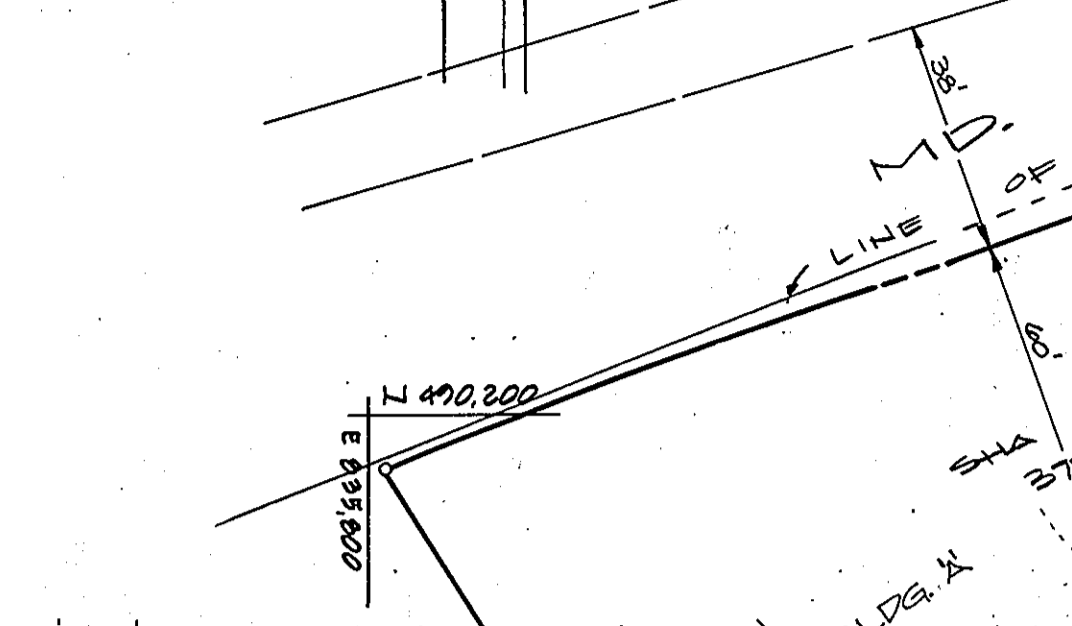
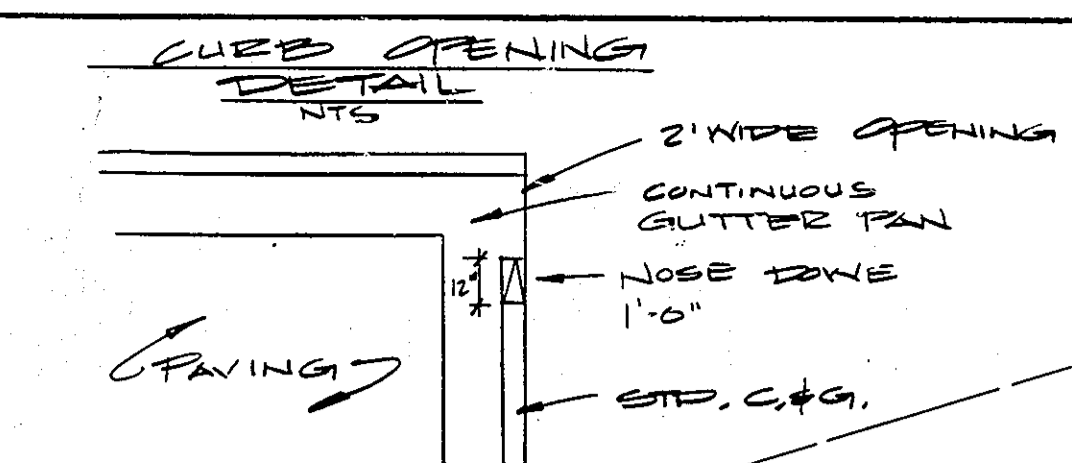
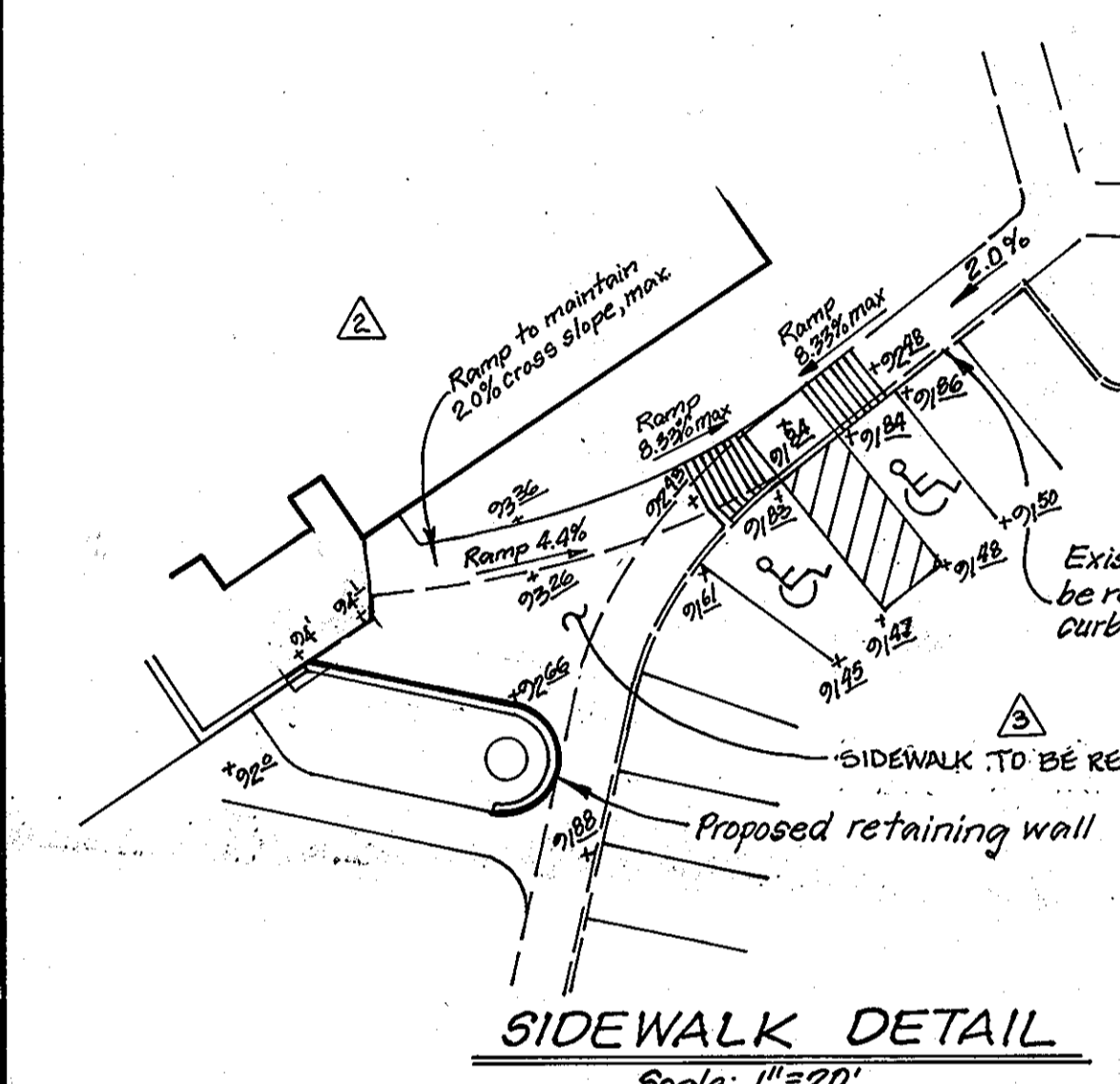


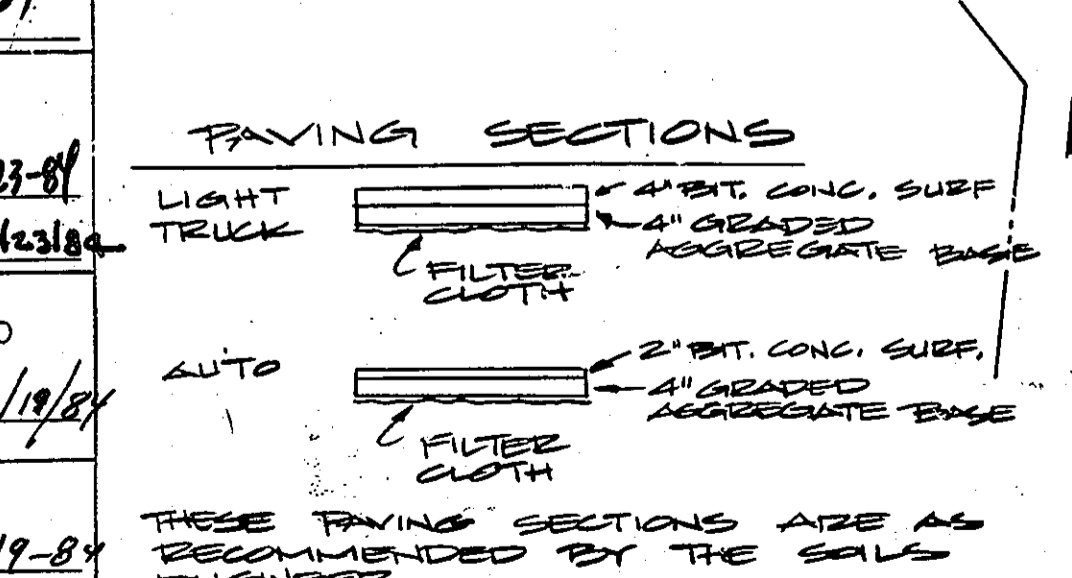
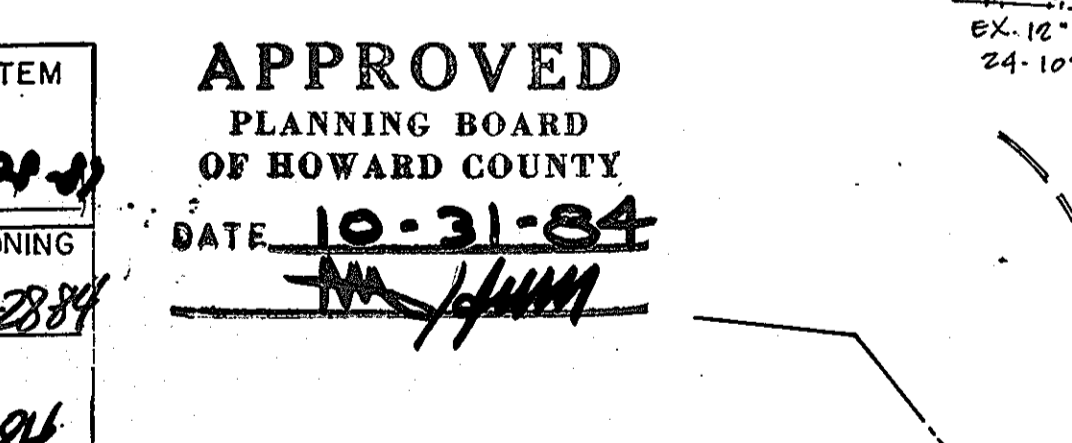
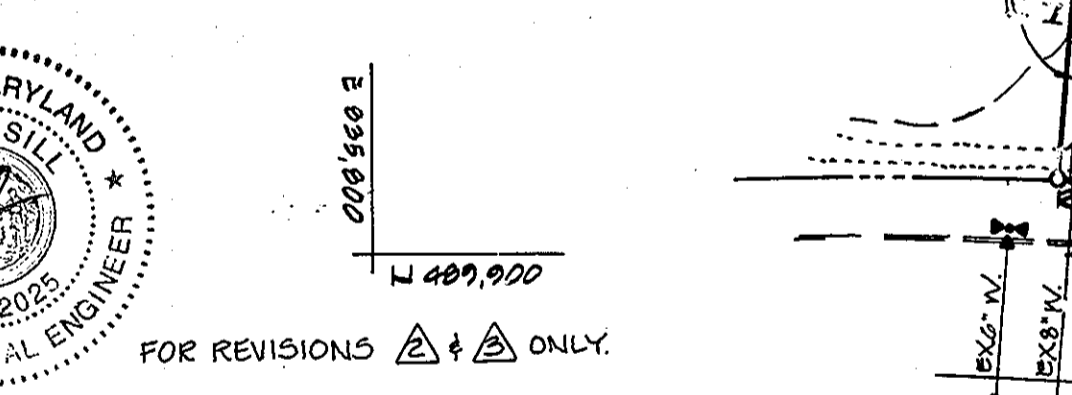
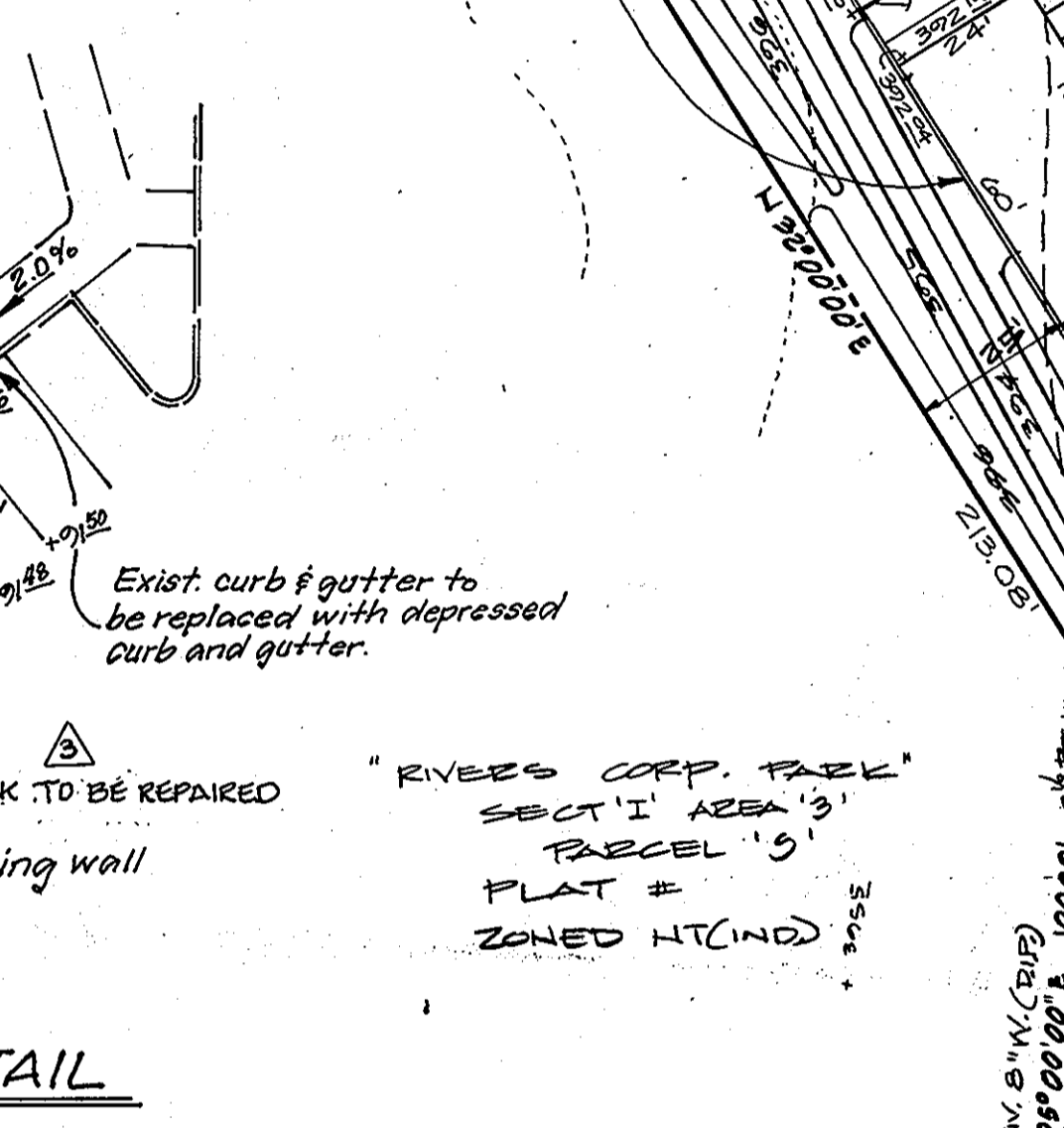
NOTE: Provide 1 Sign For Each Hdp. Space. Contact or to Provide This Sign or Equal Place Where Shown on Plan



NO SCALE
NOTE: TO BE USED WHERE PAVEMENT CROSS-SLOPE FALLS AWAY FROM FACE OF CURB



NO SCALE
NOTE: TO BE USED WHERE PAVEMENT CROSS-SLOPE FALLS AWAY FROM FACE OF CURB



THESE PAVING SECTIONS ARE AS RECOMMENDED BY THE STATE ENGINEER



STATE OF MARYLAND PROFESSIONAL ENGINEER
M. G. R. XXIX PARTNERSHIP
22742 COLUMBIA RD. 21046
9/7/84

STATE OF MARYLAND PROFESSIONAL ENGINEER
G.M. RIVERS PROJECT PARTNERSHIP
JOHN MANTOS + MARK GALLO
8930 9/7/84

STATE OF MARYLAND PROFESSIONAL ENGINEER
I certify that this plan for road 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.

- Maximum building height = 50'.
- All areas not being paved or receiving building coverage shall be stabilized in accordance with the plans approved by the 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 C & P 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 ramps and signs for the handicapped see the Maryland Building Code for the Handicapped and Aged and as shown hereon.
- The contractor shall maintain a minimum of 3.5' 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.

- LEGEND**
- 572 --- Indicates Exist. Contours
 - 572 --- Indicates Prop. Contours
 - --- Indicates Exist. Curb & Gutter
 - --- Indicates Prop. Curb & Gutter
 - --- Indicates Prop. Paving
 - --- Indicates Prop. Conc. Walks (6' Wide x 4" Thick; Mix #2 Conc., H.C. Std. R-305)
 - ⊙ --- Indicates Sign (See Detail This Sheet)
 - ① --- Indicates Number of Parking Spaces
 - ⊕ --- Indicates Parking Space Reserved For The Handicapped

AS BUILT LOCATION OF THE BUILDING HAS BEEN FURNISHED BY VTA ASSOCIATES, INC. 4932 HAZELWOOD AVE BALTO., MD 21206 (301) 666-2201

SITE DATA

AREA OF SITE = 3.150 AC
TOTAL FLOOR AREA = 30,500 SF

PARKING REQ'D 270 STUDENTS @ 1 SF/6 STUDENTS = 45
PARKING PROVIDED = 45 PS.
(43 @ 9'x18' w/ 2' OVERHANG)
(2 @ 12'x18' w/ 2' OVERHANG)
FOR HANDICAPPED

FLOOR AREA TO SITE RATIO = 0.89/2.51 = 35.5%

PROPERTY REFERENCE: PLAT ENTITLED "RIVERS CORPORATE PARK" SECT 1 AREA 3 PARCEL 'E' PLAT #

EXISTING ZONING = NT (INDUSTRIAL) FRP 18A-I
EX. USE = VACANT
PROP. USE = PRIVATE ACADEMIC ELEMENTARY SCHOOL
AREA TO BE VEGETATIVELY STABILIZED / % OPEN SPACE
35,400 SF = 32.4 %
BUILDING COVERAGE = 25,100 SF, 23.6 % OF SITE

STORMWATER MANAGEMENT DATA

DRAINAGE AREA	1.65 Act
SOIL GROUP	C
EXISTING RCN	74
PROPOSED RCN	80
AREA LEAVING UNCONTROLLED	0.26 Act

ALLOWABLE RELEASE RATE

2 YR.	3.49 - 2.26 (area leaving uncontrolled) = 1.23 cfs.
10 YR.	8.32 - 4.44 (area leaving uncontrolled) = 3.78 cfs.
100 YR.	14.10 - 6.99 (area leaving uncontrolled) = 7.20 cfs.

PROPOSED FLOWS AFTER MANAGED SPILL

2 YR.	1.58 cfs.
10 YR.	0.52 cfs.
100 YR.	4.93 cfs.

STORAGE

2 YR. Storage Req'd/Provid.	0150 CF.
10 YR. Storage Req'd/Provid.	1060 CF.
100 YR. Storage Provided.	14300 CF.

STRUCTURAL CLASSIFICATION

Structure Class --- A
Storage Height Product --- 4H x 2948 Act Ft. x 30A Ft.
Watershed Area = 1.65 Act.

HYDROLOGIC CRITERIA

Principal Spillway Rating --- 10 YR
Floodband: Above 100 YR. H.S. Elev. of 289.87 = 1.18 ft.
Above 5 YR. G.S. Elev. of 289.20 = 1.0 ft.

ROAD AND CURB PROFILE

NOT TO SCALE

ADDRESS CHART	
PARCEL NUMBER	STREET ADDRESS
'R'	10350 OLD COLUMBIA ROAD

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #
RIVERS CORPORATE PARK	1/3	PARCEL 'E'

PLAT # OR BLOCK	ZONE	HYDROLOGIC MAP	ELECT. DIST.	OWNER'S TRACT	
5010	1	INDUST	AL	# 0	0001.02

WATER CODE	SEWER CODE

ENGINEER'S CERTIFICATE

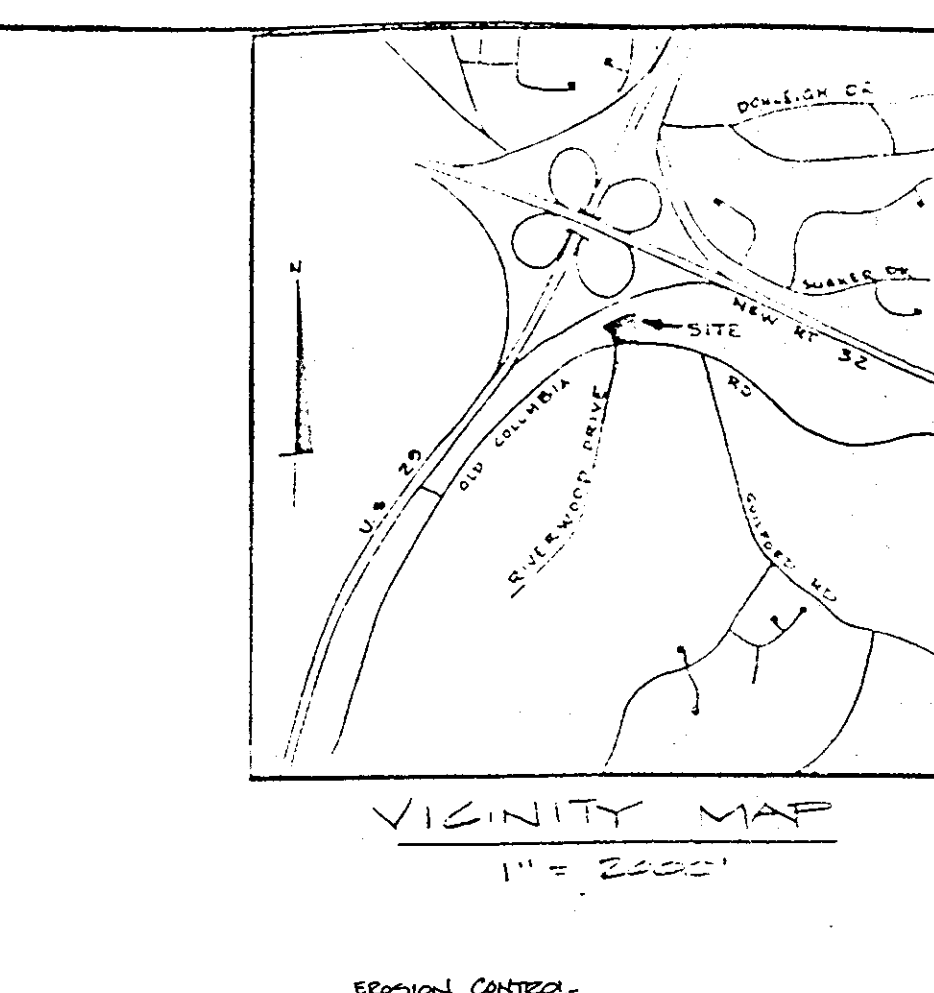
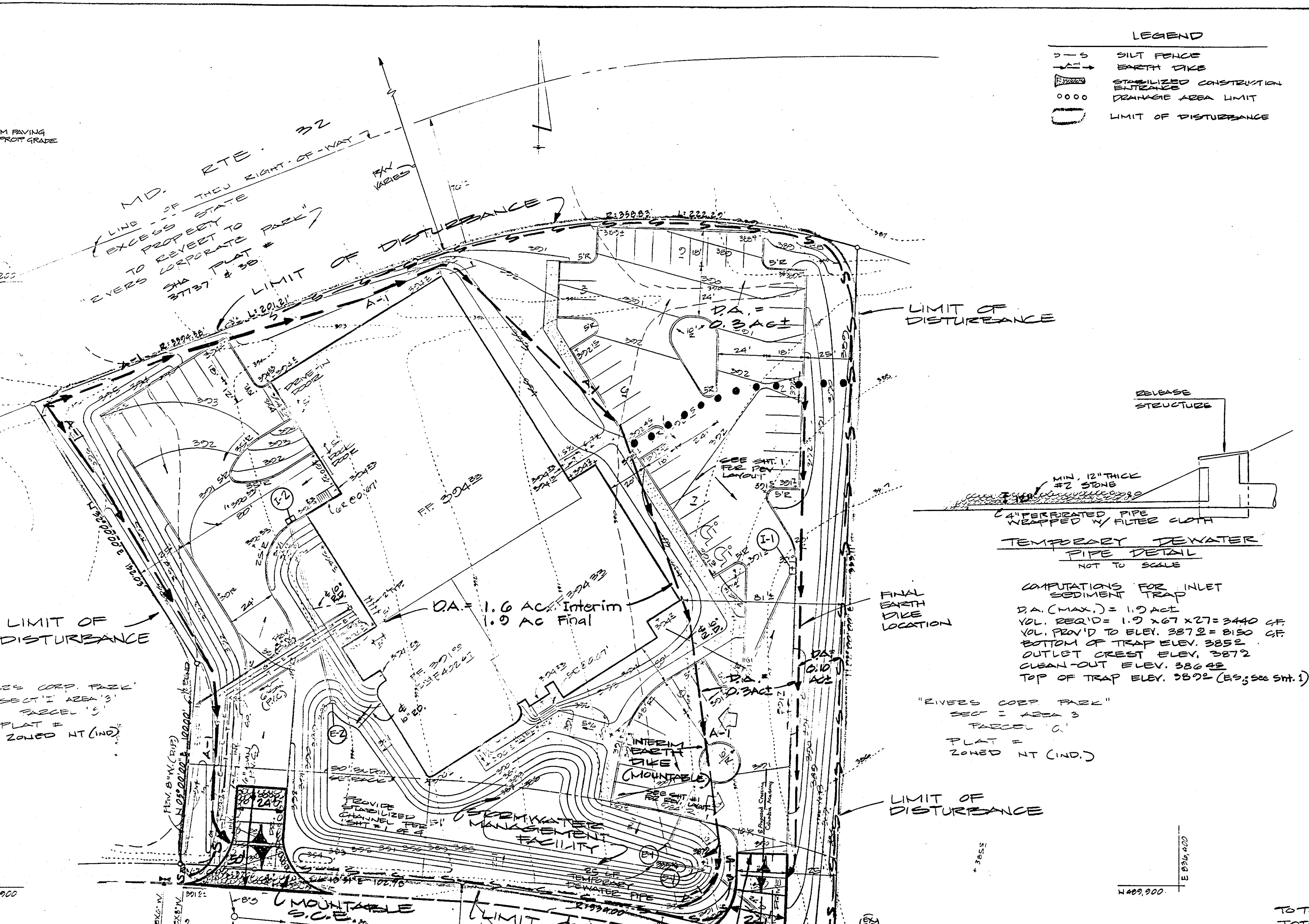
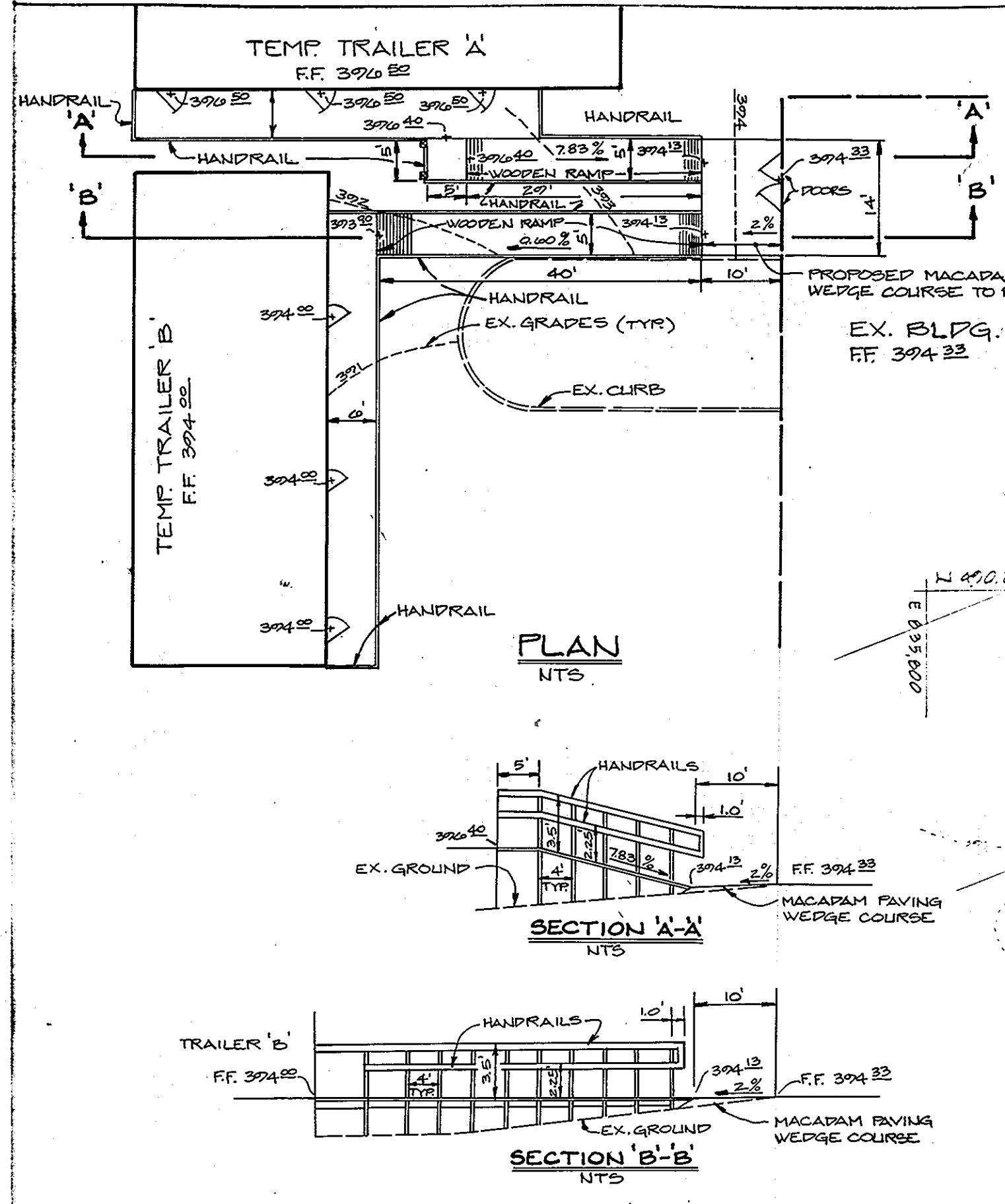
I certify that all development and/or construction will be done according to these plans, and that any responsible personnel involved in the construction project will have a certificate of attendance at a Department of Natural Resources' approved training program for the control of sediment and erosion 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 to ensure that this plan will not be violated by the Howard Soil Conservation District.

DES: E.V.E.
DWG. DEE.
CHK. E.W.G./T.C.
REVISIONS
7/17/84 BUILDING SETBACK CHANGED FROM 10' TO 2' (AS-BUILT)
8/22/84 ADDED 2 TEMP BLDG'S; REV. USE & PARKING; APP PLAYGROUND AREA; REVISE PROPERTY LINE

SITE PLAN FOR PROPOSED OFFICE & WAREHOUSE
RIVERS CORPORATE PARK
SECT. 1 AREA 3 PARCEL 'R'
COLUMBIA

HOWARD CO., MD
SCALE: 1" = 30'
PN. 504B

ELECT. DIST. # 0
AUGUST 31 1984
SHT # 1 OF 4
S.D.P. 85-476



- LEGEND**
- SILT FENCE
 - EARTH DIKE
 - STABILIZED CONSTRUCTION ENTRANCE
 - DRAINAGE AREA LIMIT
 - LIMIT OF DISTURBANCE
- EROSION CONTROL GENERAL NOTES**
- Any change to the grading proposed on this plan requires it to be re-submitted to the Soil Conservation District.
 - All slopes 2:1 are to be stabilized with "Permanent Slope Seeding" immediately after grading operation (see note #11).
 - All other disturbed areas not intended to be paved or receive building coverage shall be stabilized with "Permanent Seeding" (see note #12).
 - Any damage to diversion ditches, sediment traps, silt fences, etc. during grading operation or utility installation shall be repaired immediately.
 - The sediment trap shall be cleaned out when silt deposits reach elevation shown on the plan.
 - The sediment basin shall be cleaned out when silt deposits reach elevations shown on the plan.
 - No sediment control measure shall be removed without permission from the Sediment Control Inspector.
 - Upon installation of storm drains, inlets shall be kept plugged until site is stabilized. Positive drainage must be maintained at all times.
 - During the layout of sediment control practices shown herein, minor adjustments can and will be made to assure the arrest and control of any sediment before it leaves the construction site. These changes require approval from the Sediment Control Inspector and the Soil Conservation District.
 - All site work is to be done in accordance with "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas" dated 1980, and this plan of sediment control approved by the Howard County Soil Conservation District and the Department of Public Works.
 - At the end of each working day, all sediment control measures will be inspected and left in operational condition.
 - PERMANENT SEEDING:**
Seedbed Preparation: Loosen upper 3 inches of soil by raking, discing or other acceptable means before seeding.
Soil Amendments: Apply 2 T./Ac. (02 lbs./1,000 S.F.) Dolomitic Limestone and 200 Ga./Ac. (5 Ga./1,000 S.F.) of 0-20-20 fertilizer. Narrow or disc line and fertilizer into upper 3 inches of soil. At time of seeding, apply 400 lbs./Ac. (0.2 lbs./1,000 S.F.) of 30-0-0 ureaform fertilizer and 700 lbs./Ac. (0.15 lbs./1,000 S.F.) of 10-20-20 fertilizer.
Seeding: For periods March 1-April 30 and August 1-October 15, seed with 60 lbs./Ac. (1.5 lbs./1,000 S.F.) of Kentucky 31 Tall Fescue. For the period November 1-February 28, protect site by: Option (1) 2 T./Ac. of well anchored straw mulch and seed as soon as possible in the Spring. Option (2) Use sod. Option (3) Seed with 60 lbs./Ac. of Kentucky 31 Tall Fescue and mulch with 2 T./Ac. well anchored straw.
Machining: Apply 1.5-2 T./Ac. (70-90 lbs./1,000 S.F.) of unrotted, small grain straw immediately after seeding. Anchor mulch immediately after application using 200 Ga./Ac. (5 Ga./1,000 S.F.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 30 Ga./Ac. (6 Ga./1,000 S.F.) for anchoring.
Maintenance: Inspect all seeded areas and make needed repairs, replacements and reseedings.
 - PERMANENT SLOPE SEEDING:** Spread 4 inches of topsoil; seed shall be a mixture of 60 lbs./Ac. fertilizer and mulching shall be the same as Note #12 above.
 - TEMPORARY SEEDING:** See Note #12.
Seedbed Preparation: Apply 600 lbs./Ac. (15 lbs./1,000 S.F.) of 10-20-20 fertilizer.
Seeding: For periods March 1 - April 30 and from August 15 - November 15, seed with 1 T./Ac. (2.5 lbs./1,000 S.F.) of Annual Ryegrass. For the period May 1 - August 14, seed with 3 lbs./Ac. (0.07 lbs./1,000 S.F.) of Hoopoe lovegrass.
Machining: See Note #12.
 - Following Initial Soil Disturbance or Re-disturbance, Erosion or Temporary Stabilization shall be Completed Within 177 Calendar Days for all disturbed areas. All slopes shall be seeded within 30 days of completion of all disturbed areas within the Project Site.
 - All sediment traps, silt fences, etc. shall be inspected and repaired in accordance with Vol. 2, Chapter 12 of the Howard County Design Manual, Storm Drainage.

1. SITE PREPARATION: The embankment area (fill) and borrow area shall be cleared and grubbed to remove all trees, vegetation, roots and other objectionable material. The topsoil from the embankment area and borrow area shall be removed and stockpiled; the topsoil shall be spread on the completed embankment.

2. EARTH FILL:

- Material:** The fill material shall be obtained from the pond excavation. It shall be free from roots, stumps, wood, rubbish, oversized stones, frozen or other objectionable materials. The embankment shall be constructed to the elevations as shown on the plan to allow for anticipated settlement.
- Placement:** Areas on which fill is to be placed, shall be scarified prior to placement of fill. Fill material shall be placed in 6" max. thickness (before compaction) layers which are to be continuous over the entire length of the fill. The most porous borrow material shall be placed in the downstream portion of the embankment.
- Compaction:** The movement of the hauling and spreading equipment over the fill shall be controlled so that the entire surface of each lift shall be traversed by not less than one tread track of the equipment or compaction shall be achieved by a minimum of four (4) complete passes of a sheepsfoot roller. Fill material shall contain sufficient moisture so that it can be formed into a ball without crumbling.

3. STRUCTURAL BACKFILL: Backfill material shall be of the type and quality conforming to that specified for the adjoining fill material. The fill shall be placed in horizontal layers not to exceed 4" in thickness and compacted by hand tamping or manually directed power tampers or plate vibrators. At no time during backfilling operations shall driven equipment be allowed to operate any closer than 4 feet measured horizontally, to any part of the structure. Under no circumstances shall the contractor drive equipment over any part of a concrete structure or pipe unless there is a compacted fill of 24" or greater over the structure or pipe.

4. PIPE CONDUITS: Release Pipe - This pipe and its appurtenances shall be pre-laminated and fully bituminous coated and shall conform to the requirements of ASTM Specification #D1681 Type A with water tight coating bands. Any bituminous coating damaged or otherwise removed shall be replaced with cold applied bituminous coating compound.

5. CONCRETE: Concrete shall meet the minimum requirements set forth in the Maryland State Roads Commission Specifications for Materials, Highways, Bridges, and Incidental Structures, Article 20-07 Portland Cement Mixture #1.

6. The storm water management facilities are private and shall be maintained by the Owner. The Owner shall be responsible for all construction according to County standards.

7. STABILIZATION: The storm water management facilities shall be stabilized in accordance with the approved Erosion and Sediment Control Plan.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER: *John E. ...* DATE: 11-21-84

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR: *John E. ...* DATE: 11-28-84

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION:

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR: *John E. ...* DATE: 11-21-84

CHIEF, BUREAU OF ENGINEERING: *John E. ...* DATE: 11-23-84

HOWARD SOIL CONSERVATION DISTRICT

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

DISTRICT: *John E. ...* DATE: 11/17/84

APPROVED: HOWARD SOIL CONSERVATION DISTRICT

REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

SIGNATURE: *John E. ...* DATE: 11-19-84

THE UNITED STATES SOIL CONSERVATION SERVICE

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 10-31-84

FOR REVISION #1 ONLY, TO PROVIDE MEDIAN BREAK TO SITE

12-17-02

ADD MEDIAN BREAK

REVISION

DATE

PLAN
1" = 20'

APPROXIMATE EARTH QUANTITIES

EXCAVATION 4630 CY ±

FILL INCLUDING COMPACTION 4630 CY ±

THIS IS A BALANCED PROJECT

NO.	REVISION	DATE
1	ADD MEDIAN BREAK	12-17-02

SEQUENCE OF OPERATIONS

- Notify the Howard County Dept. of Licenses & Permits Inspector Adams before beginning work
- Install Stabilized Construction Entrances & Silt Along West Rd; stabilize immediately
- Install S-1 to EX. I-9 & TEMPORARY Dewater Pipe
- Construct S.W.M. Facility/Inlet Sediment Trap
- Install All Remaining Drain Systems (Keep Inlets Plugged During Construction)
- Install Interim Earth Dike (Mountable w/5:1 side slopes) Maintain Positive Drainage
- Install All Silt Fences & Begin Major Grading
- As Soon As Major Grading Is Completed Install Final Earth Dike & Remove Interim Earth Dike
- Install All Remaining Utilities & Place Base Stone on Building & Paving Areas
- Stabilize All Remaining Disturbed Soil
- After Obtaining Permission From The Sediment Control Inspector Remove All Remaining Sediment Control Measures & Stabilize Those Areas (Clean Out Sediment Basin, stabilize, remove) Temporary Dewater Pipe, & Install Low Flow Channel/Outlet Protection

STORMWATER MANAGEMENT MAINTENANCE SCHEDULE

Maintenance Item	1	2	3	4	5	6	7
Maintenance Frequency	9	8	9	9	9	8	9
Repair Duration #	10	11	10	10	10	11	10

- Clean out Silt
- Clean out Trash
- Check Weir Clogging
- Check Low Flow Channel
- Check Slope Stabilization
- Cut Grass
- Check Structural Integrity
- Every Two Weeks
- Every Three Months
- One Week Maximum
- Two Days

* All Maintenance, Inspection, & Repair shall be the Responsibility of The Owner

* Inspect All Above Items After Each Major Rainfall & Repair If Required

GEORGE WILLIAM STEPHENS JR. AND ASSOCIATES INC
ENGINEERS
303 ALLEGHENY AVE. TOWSON, MD. 21284
(301) 825-8120

ENGINEER'S CERTIFICATE

"I certify that this plan for road 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."

John E. ... 8930 9/7/84
Signature of Engineer Res. No. Date

OWNER

G.M. RIVERS PROJECT PARTNERSHIP
JOHN MACTOS & MARK GALLIC
c/o
AZTEC ELECTRONICS
240 ETE. 102
COLUMBIA, MD 21045

DEVELOPER

M.O. R. PARTNERSHIP
8225 SULLFORD RD
COLUMBIA, MD 21040
928-1670

"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 training program for the control of sediment and erosion before beginning the project. I also authorize periodic on-site inspections by the Howard Soil Conservation District as are deemed necessary. Permission from this plan will not be made without authorization by the Howard Soil Conservation District."

John E. ... 8/29/84
Signature of Developer Date

DES: R.W.E.
DWG: D.E.E.
CHK: R.W.F./T.C.

REVISIONS

8/28/84 - ADD STEP & LANDING DETAIL

DATE

GRADING, EROSION, & SEDIMENT CONTROL PLAN

PROPOSED OFFICE & WAREHOUSE

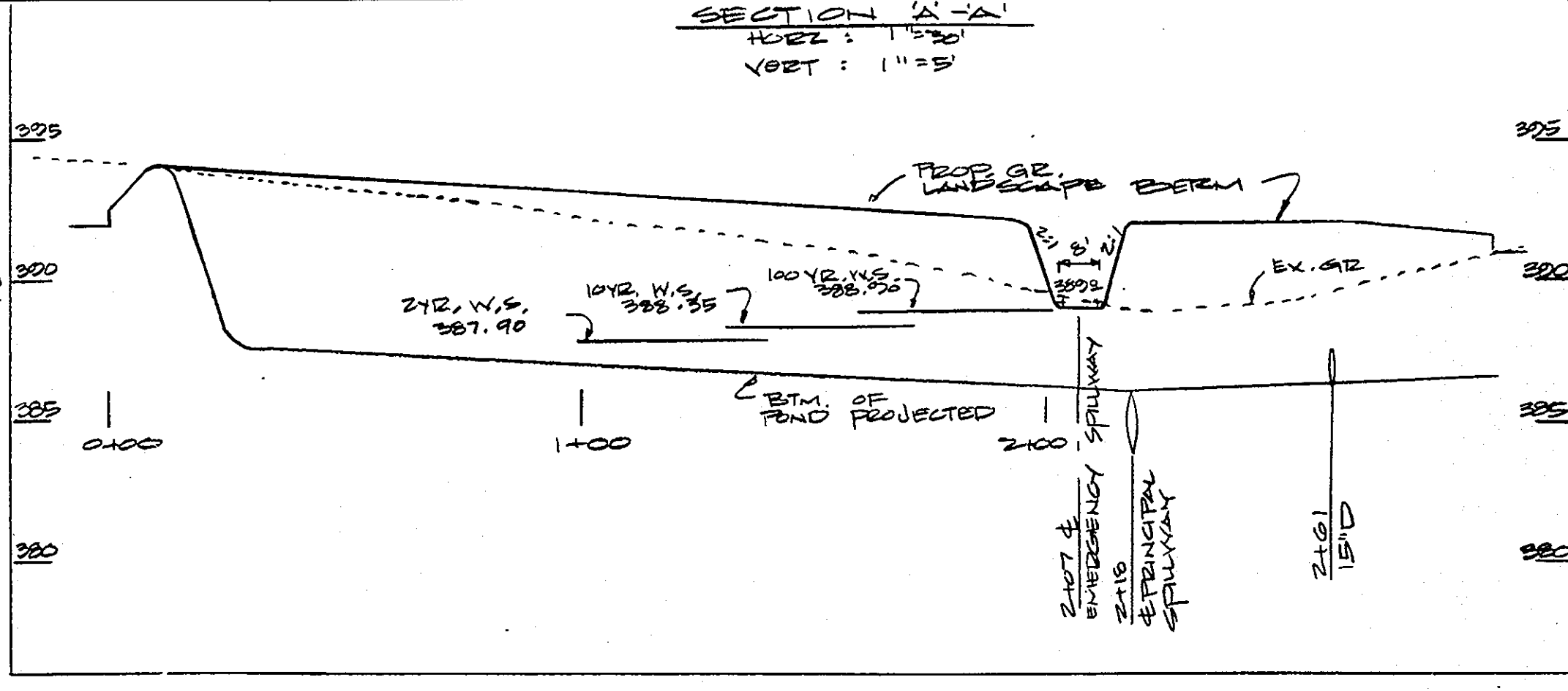
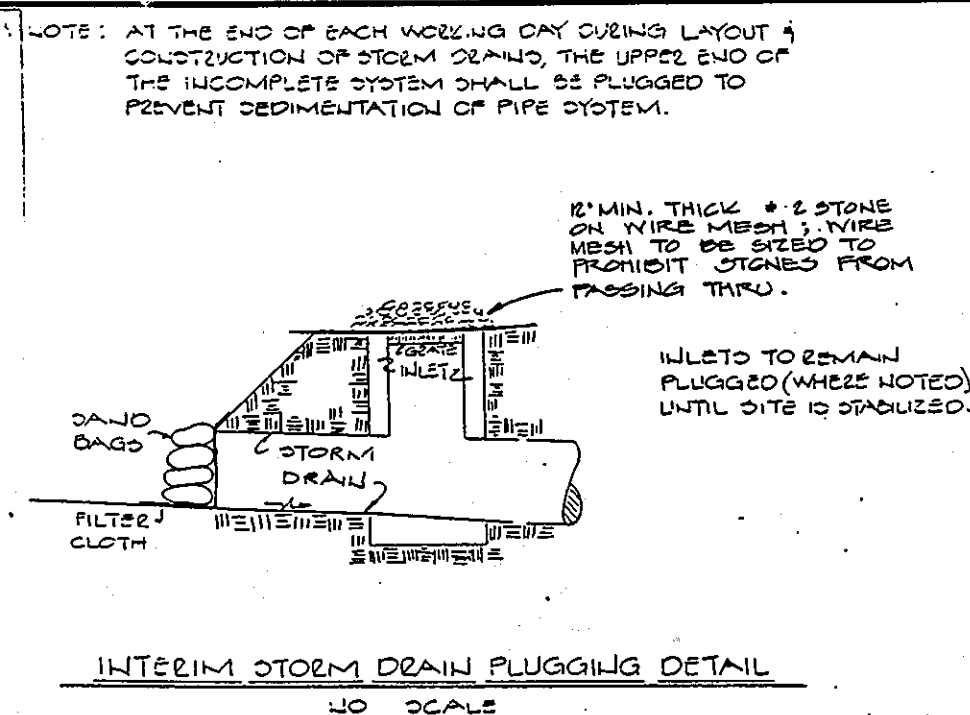
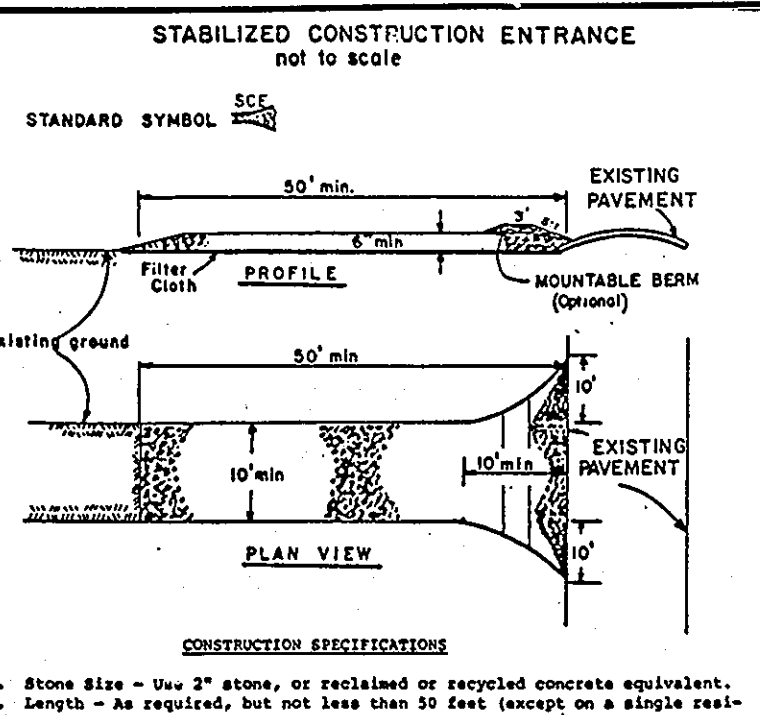
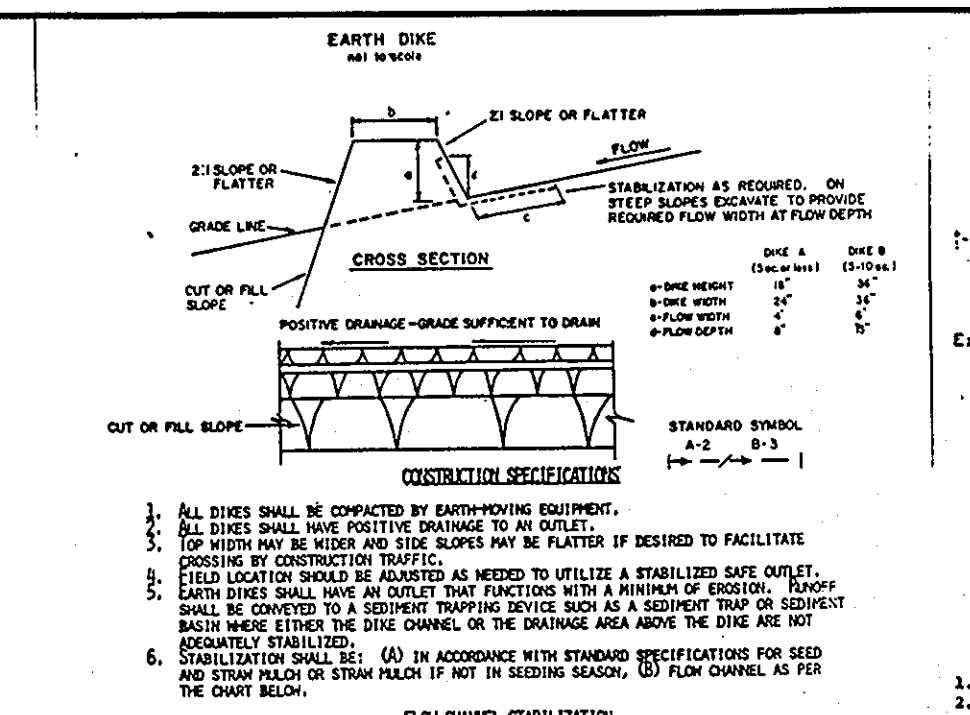
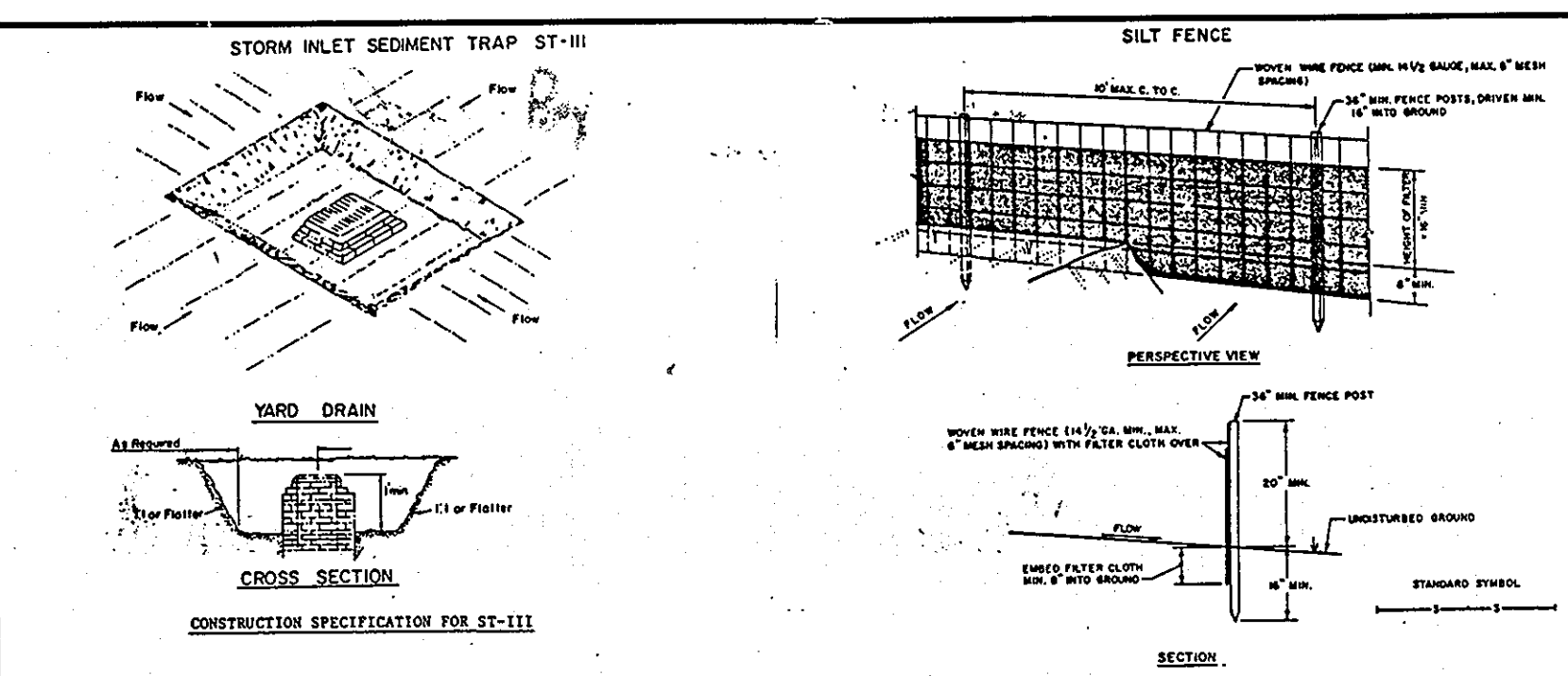
RIVERS CORPORATE PARK
SECT. 1 AREA 3 PARC. 'R'

COLUMBIA

HOWARD CO., MD
SCALE: 1" = 30'
PN. 5043

ELECT. DIST. # 6
AUGUST 31, 1984
SHT # 2 OF 4

SDP-85-47c



CONSTRUCTION SPECIFICATION FOR ST-III

- Sediment shall be removed and the trap restored to its original dimensions when the sediment has accumulated to the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
- The volume of sediment storage shall be 1800 cubic feet per acre of contributory drainage.
- The structure shall be inspected after each rain and repairs made as needed.
- Construction operations shall be carried out in such a manner that erosion and water pollution shall be minimized.
- The sediment trap shall be removed and the area stabilized when the constructed drainage area has been properly stabilized.
- All cut slopes shall be 1:1 or flatter.

Maximum Drainage Area: 3 Acres

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
COLLEGE PARK, MARYLAND

CONSTRUCTION SPECIFICATIONS FOR FASQUATED SILTY FENCE

NO.	TYPE	INV. IN.	INV. OUT.	TOP ELEV.	HO. CO. STD.
I-1	DEEL'S COMB.	386.07	387.00	387.434	
I-2	DEEL'S COMB.	386.45	387.00	387.434	
E-1	TYPE 'A' HOWL.	386.20	387.20	387.511	
E-2	TYPE 'A' HOWL.	386.00	387.00	387.511	
S-1	MODIFIED TYPE 'D' INLET	383.50	383.40	383.411	

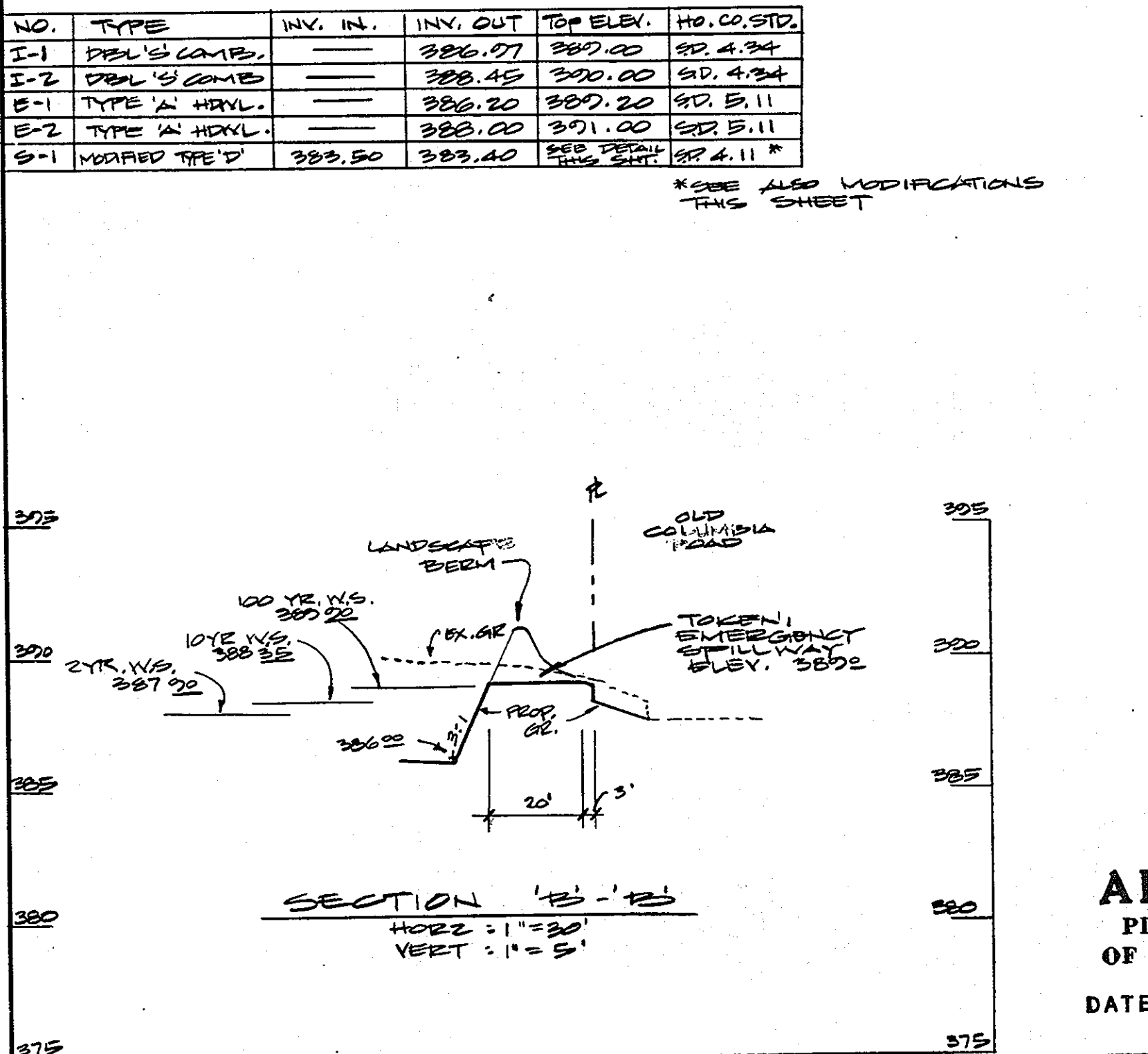
CONSTRUCTION SPECIFICATIONS

- Stone Size - Use 3" stone, or reclaimed or recycled concrete equivalent.
- Length - As required, but not less than 30 feet (except on a single residence lot where a 20 foot minimum length would apply).
- Thickness - Not less than six (6) inches.
- Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
- Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
- Surface Water - All surface water flowing or directed toward construction entrances shall be piped across the entrance. If piping is impractical, a removable base with silt slopes will be permitted.
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking or blowing of sediment onto public right-of-way. This may require periodic top dressing with additional stone as conditions demand and rapid and/or frequent cleaning of sediment on public right-of-way must be removed immediately.
- Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
- Periodic inspection and needed maintenance shall be provided after each rain.

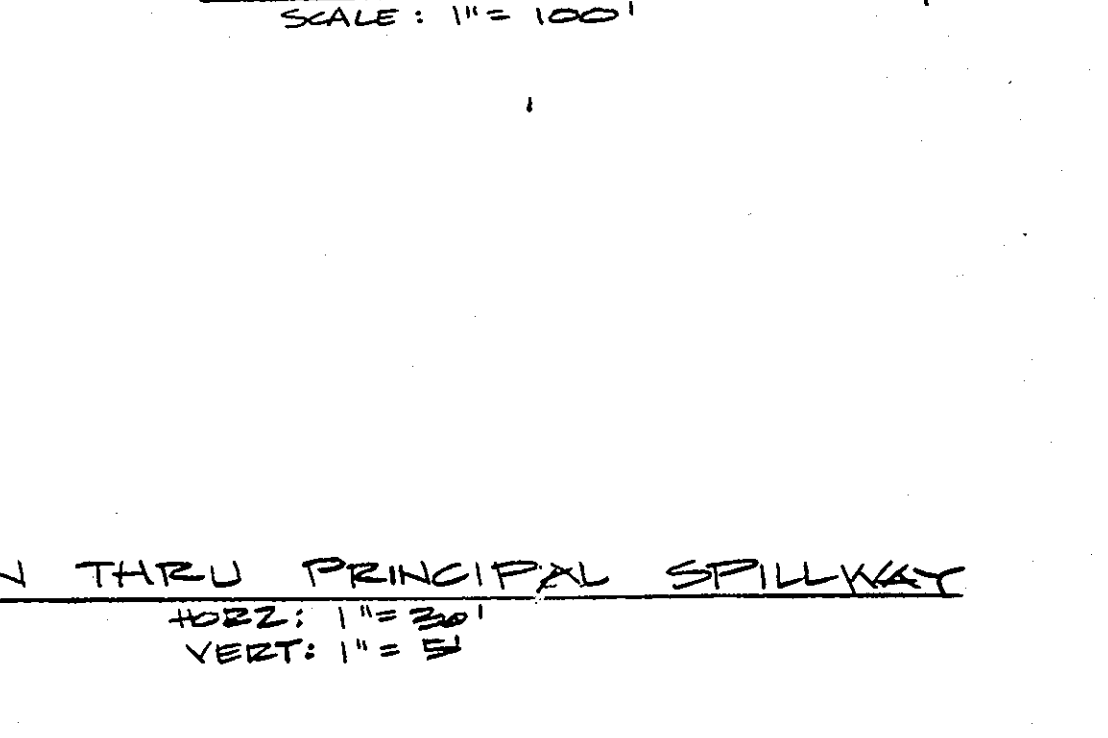
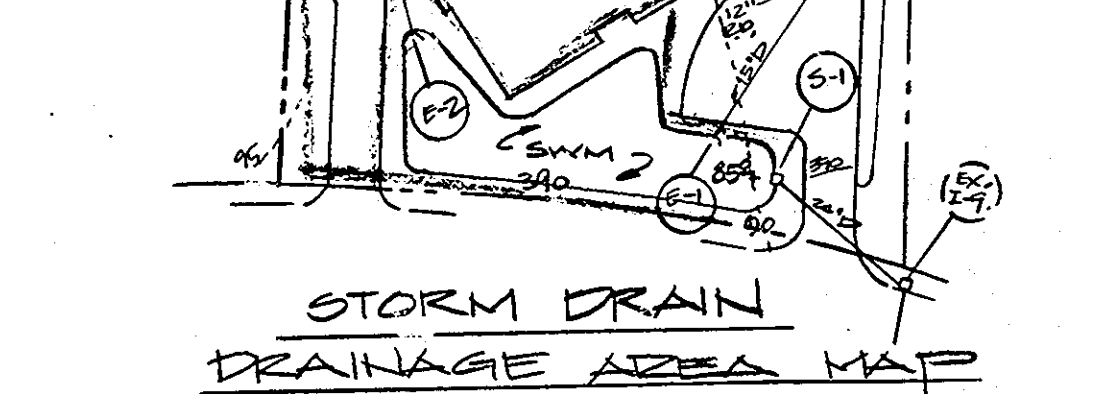
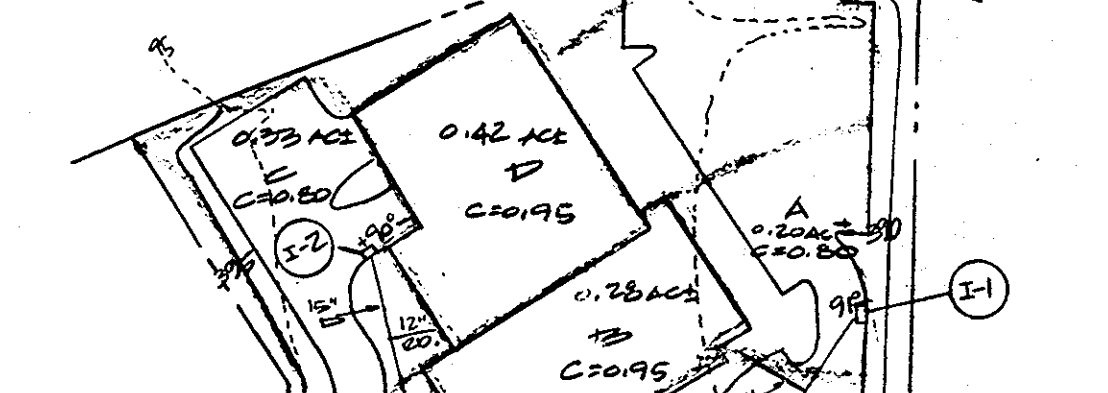
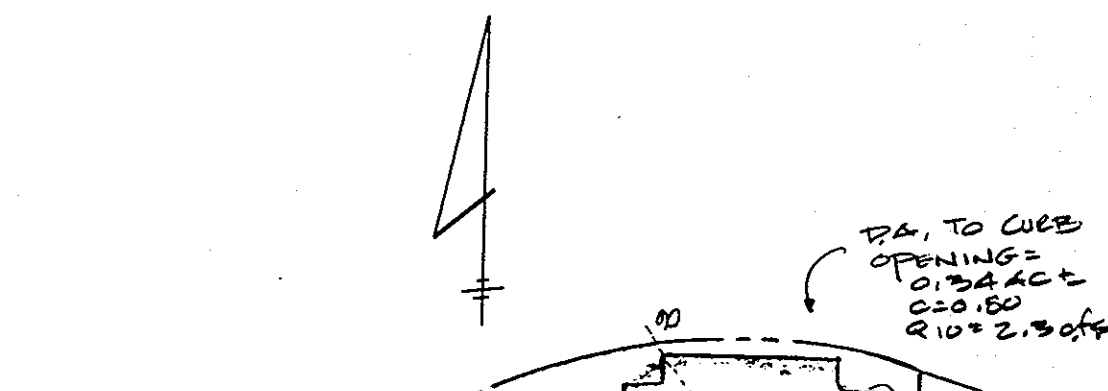
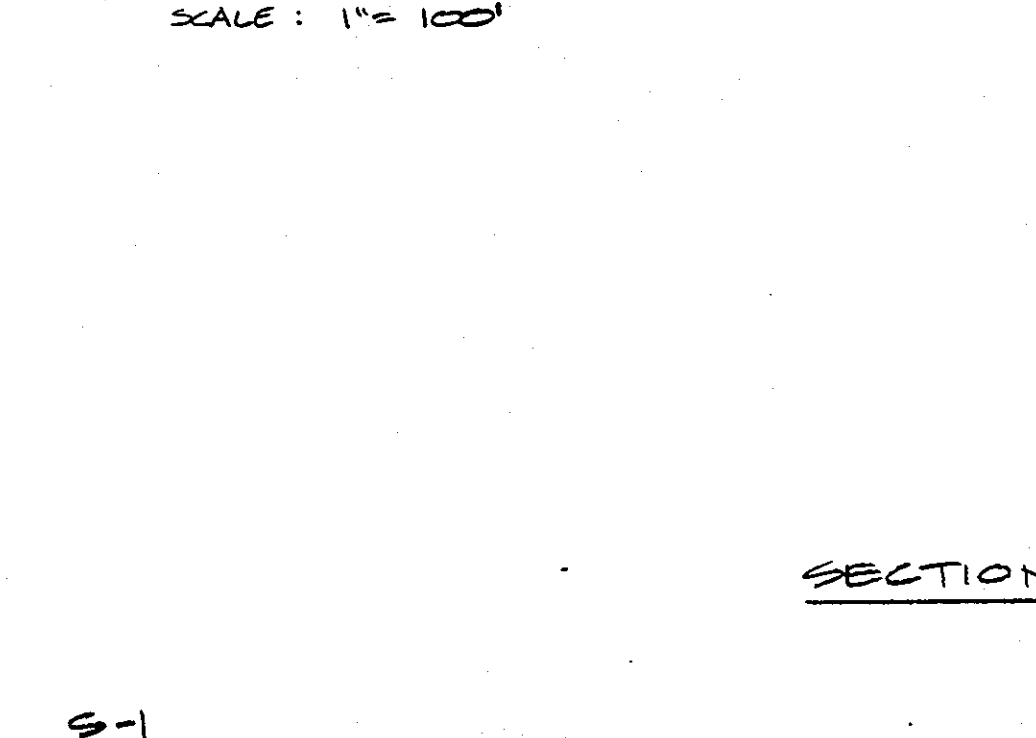
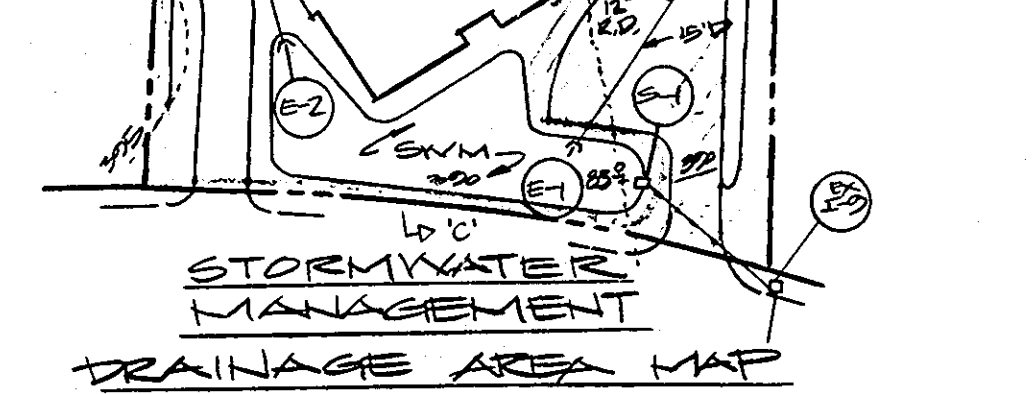
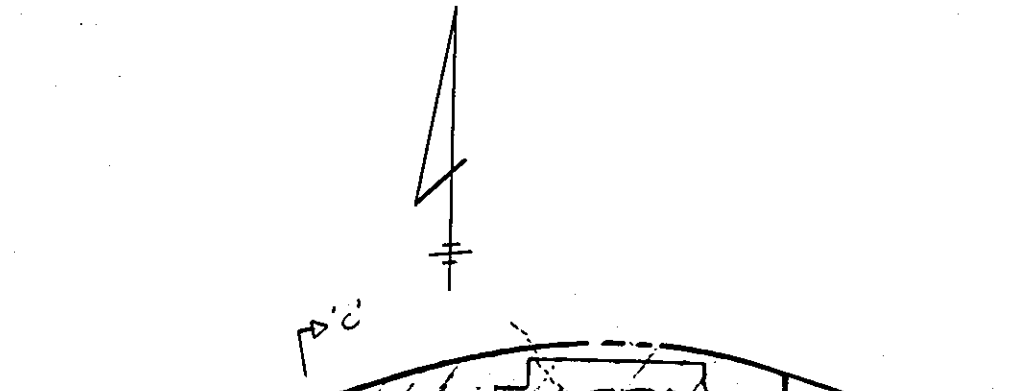
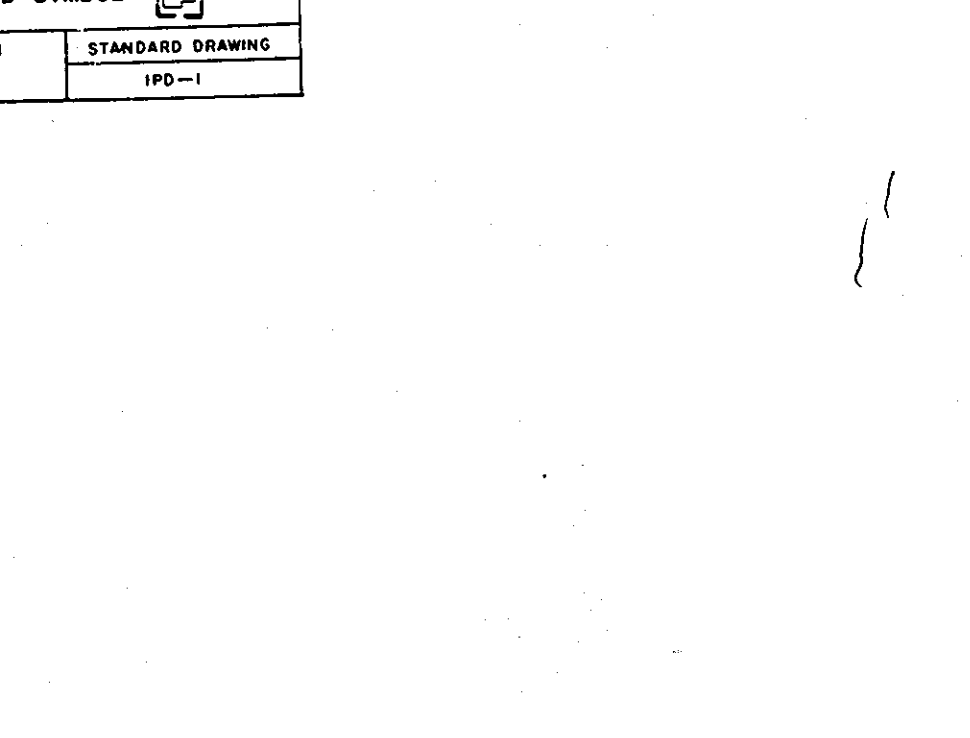
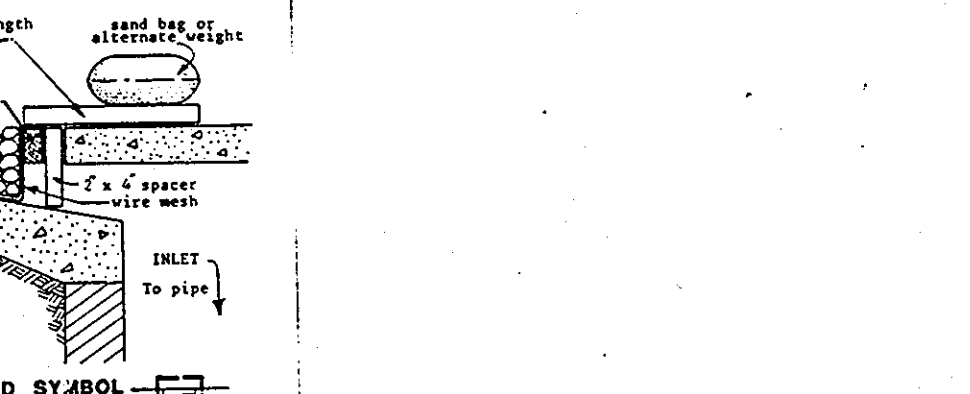
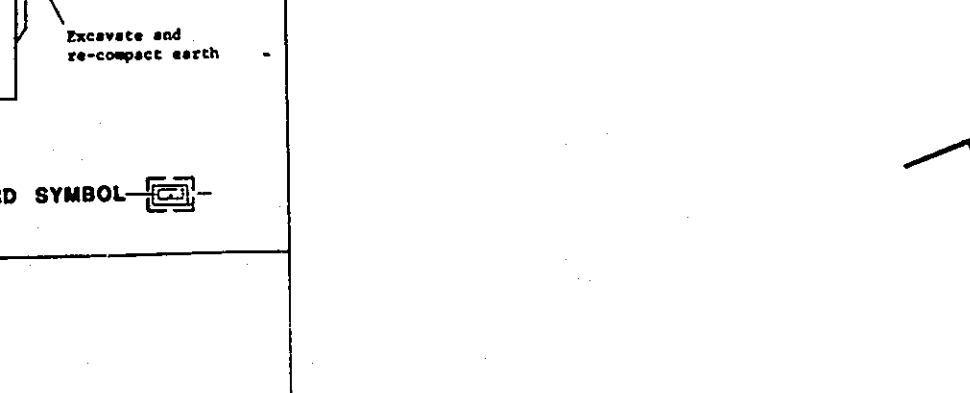
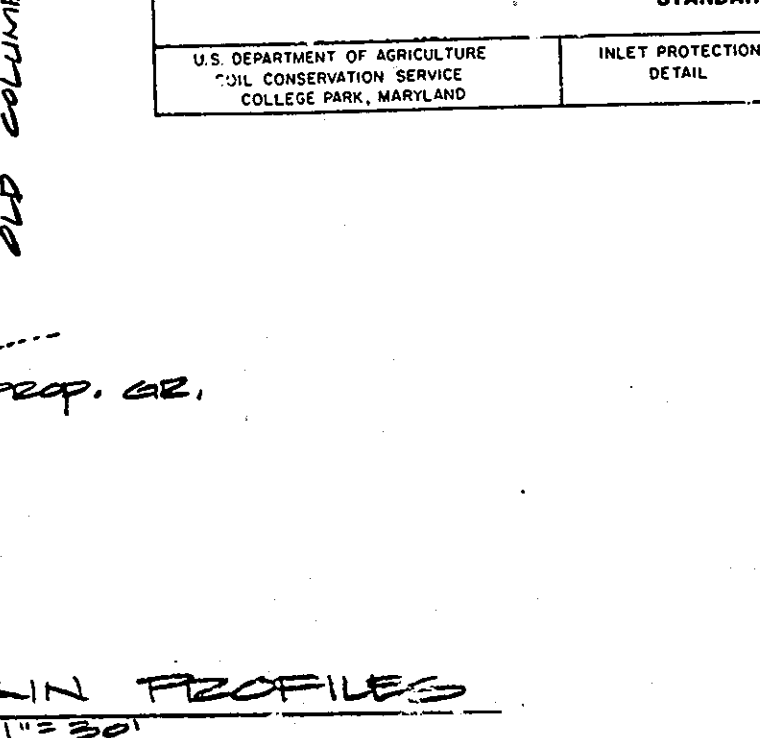
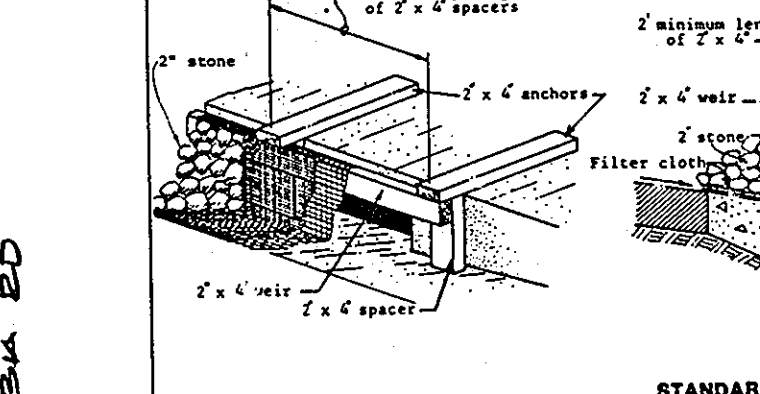
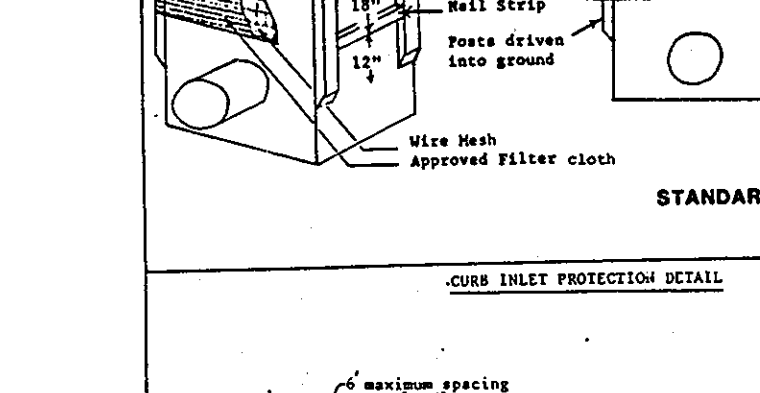
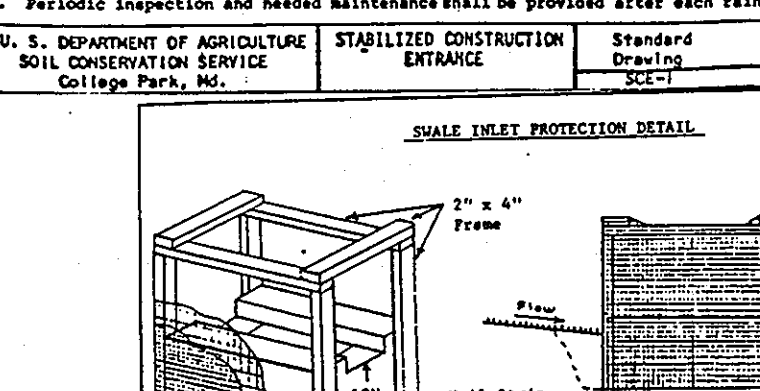
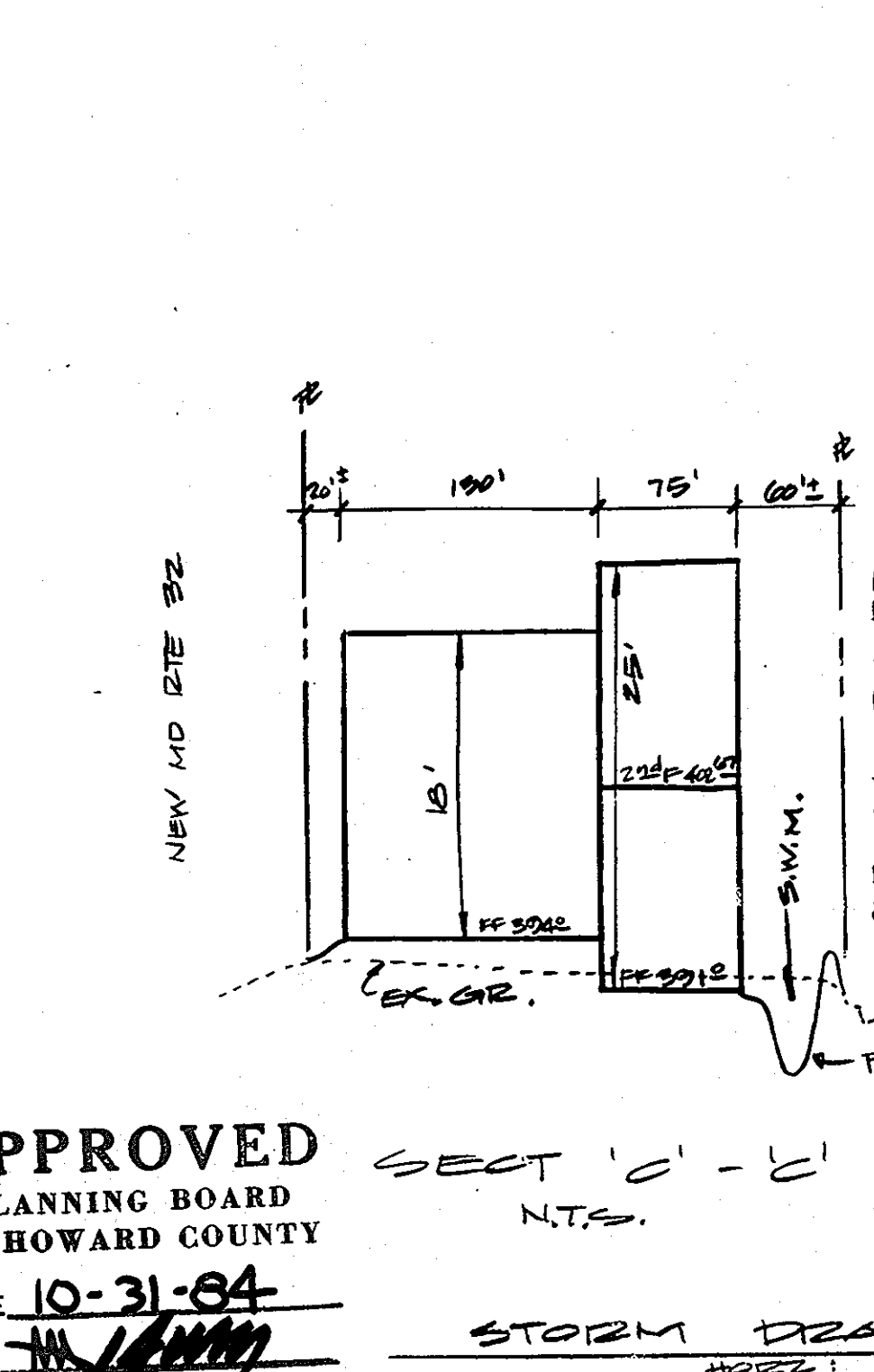
U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
College Park, Md.

NO.	TYPE	INV. IN.	INV. OUT.	TOP ELEV.	HO. CO. STD.
I-1	DEEL'S COMB.	386.07	387.00	387.434	
I-2	DEEL'S COMB.	386.45	387.00	387.434	
E-1	TYPE 'A' HOWL.	386.20	387.20	387.511	
E-2	TYPE 'A' HOWL.	386.00	387.00	387.511	
S-1	MODIFIED TYPE 'D'	383.50	383.40	383.411	

NOTE: ALSO MODIFICATIONS THIS SHEET



NO.	TYPE	INV. IN.	INV. OUT.	TOP ELEV.	HO. CO. STD.
I-1	DEEL'S COMB.	386.07	387.00	387.434	
I-2	DEEL'S COMB.	386.45	387.00	387.434	
E-1	TYPE 'A' HOWL.	386.20	387.20	387.511	
E-2	TYPE 'A' HOWL.	386.00	387.00	387.511	
S-1	MODIFIED TYPE 'D'	383.50	383.40	383.411	



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER: *John R. ...* DATE: 11-20-84

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR: *John ...* DATE: 11-28-84

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION:

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR: *John ...* DATE: 11-23-84

CHIEF, BUREAU OF ENGINEERING: *John ...* DATE: 11-23-84

HOWARD SOIL CONSERVATION DISTRICT

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

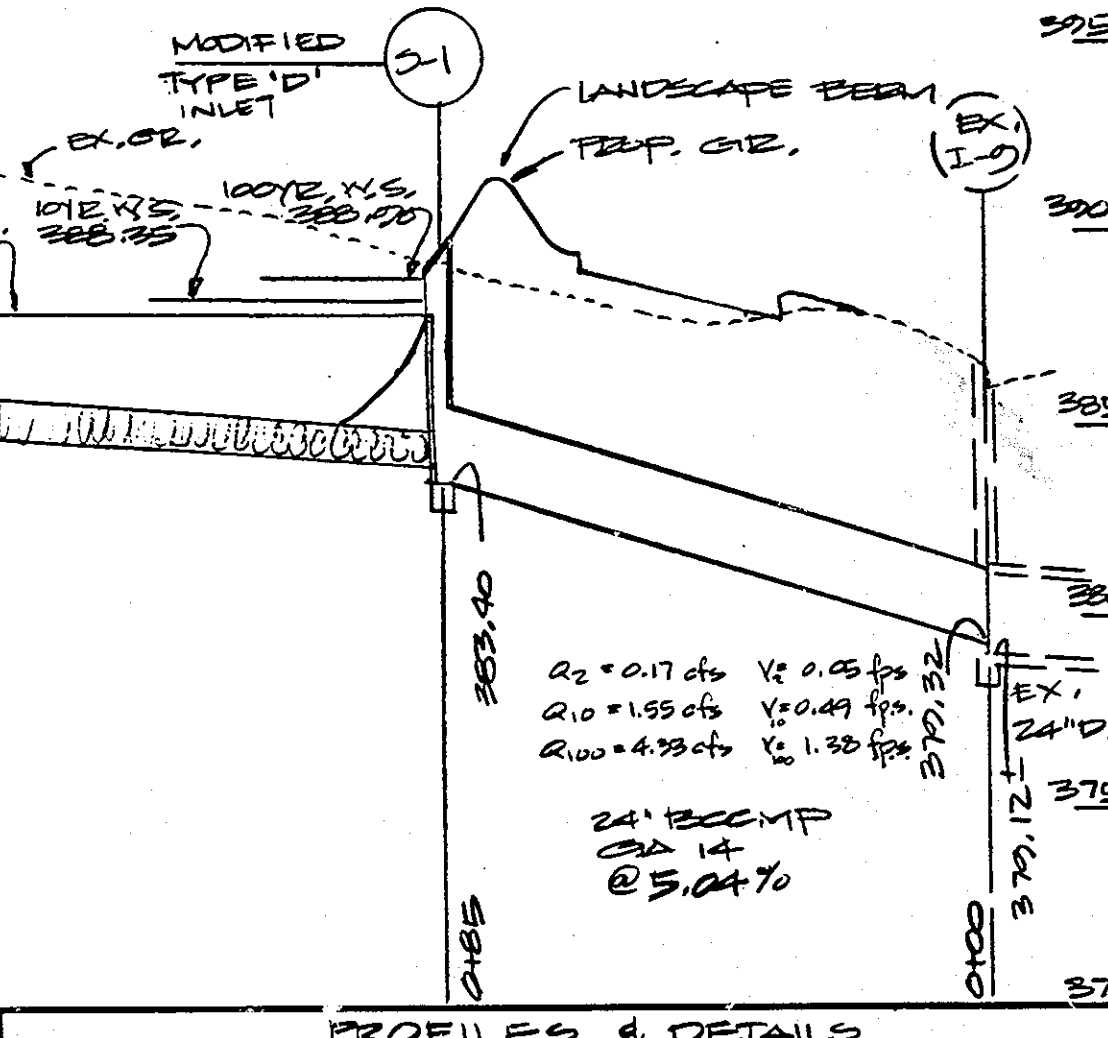
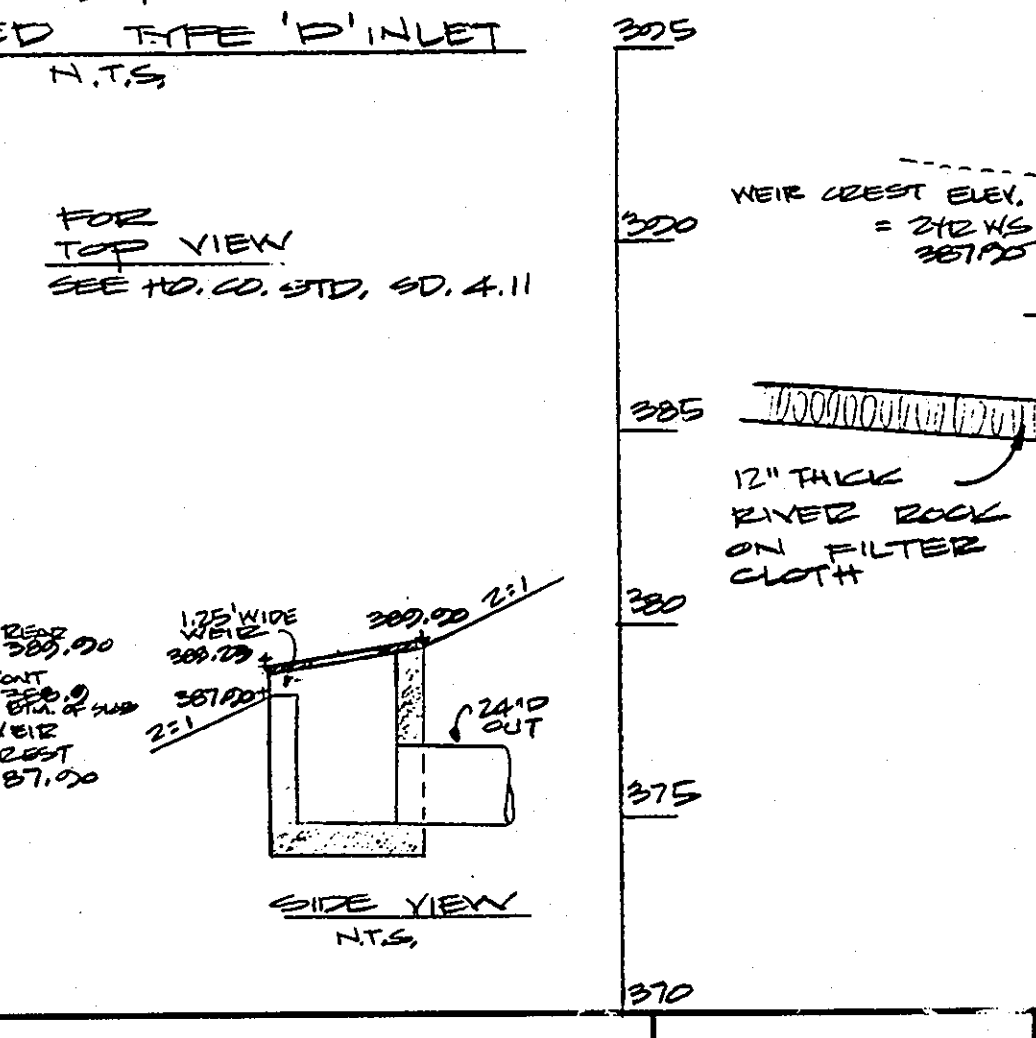
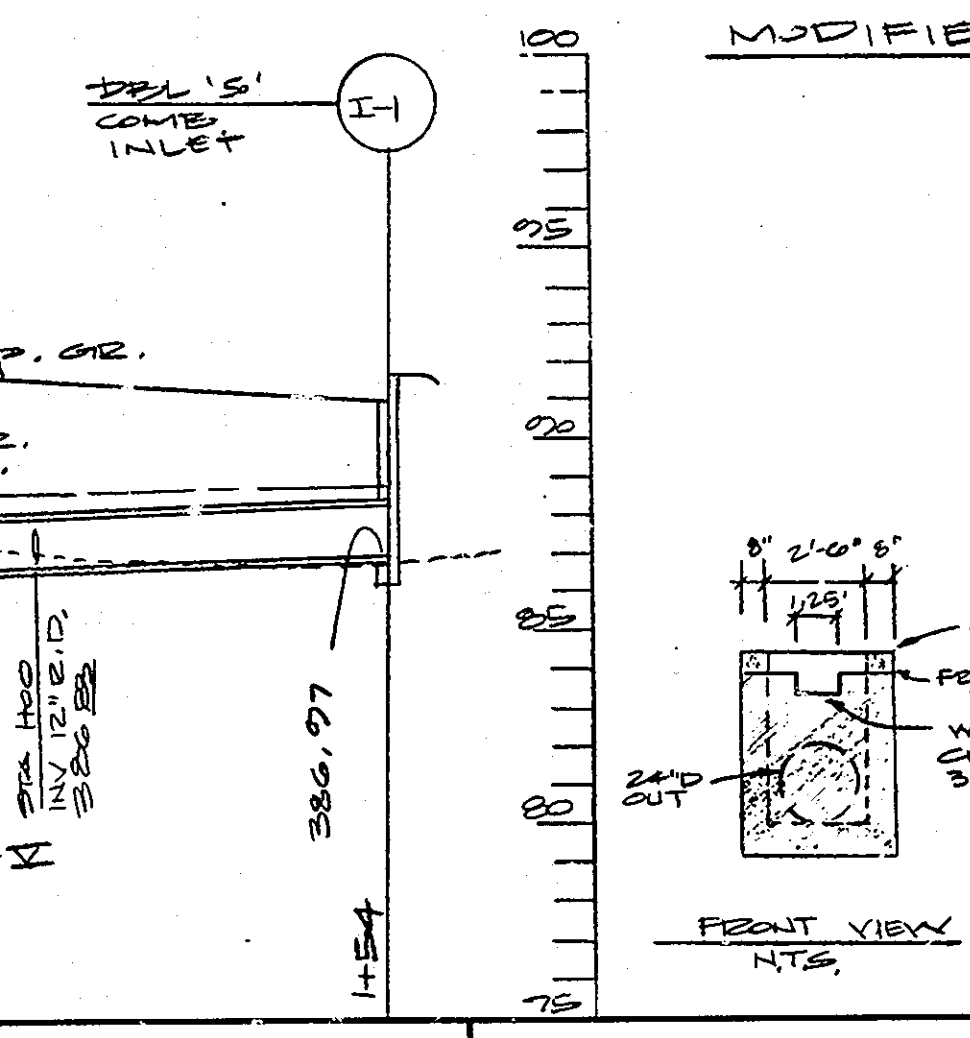
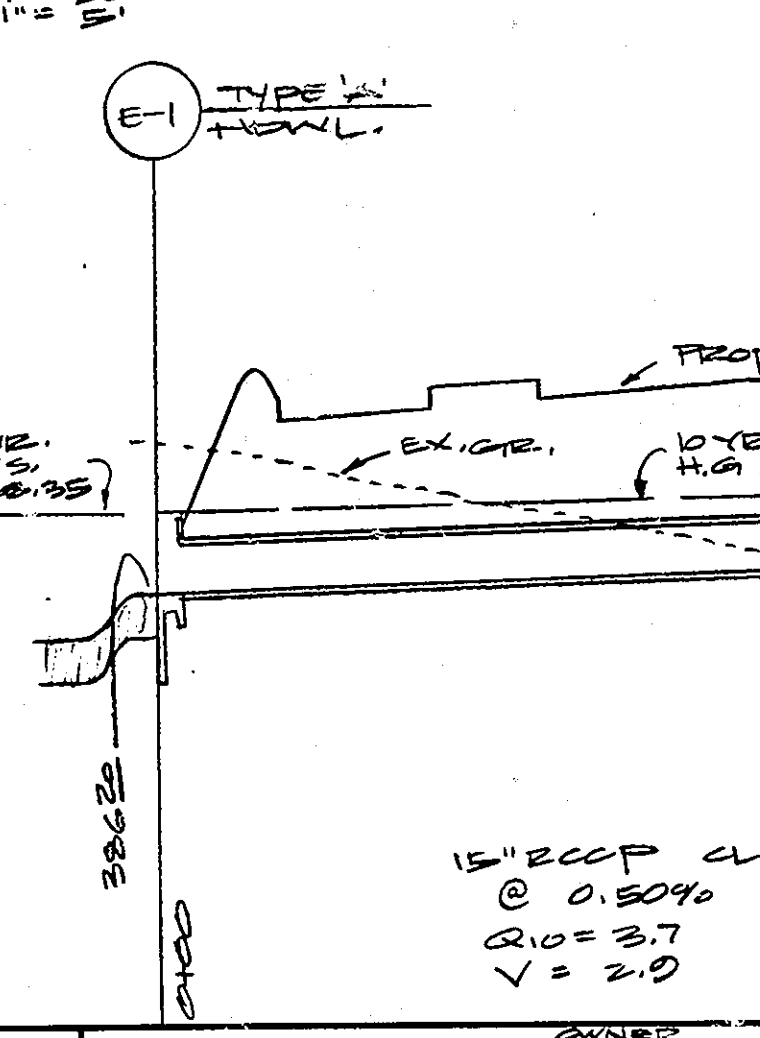
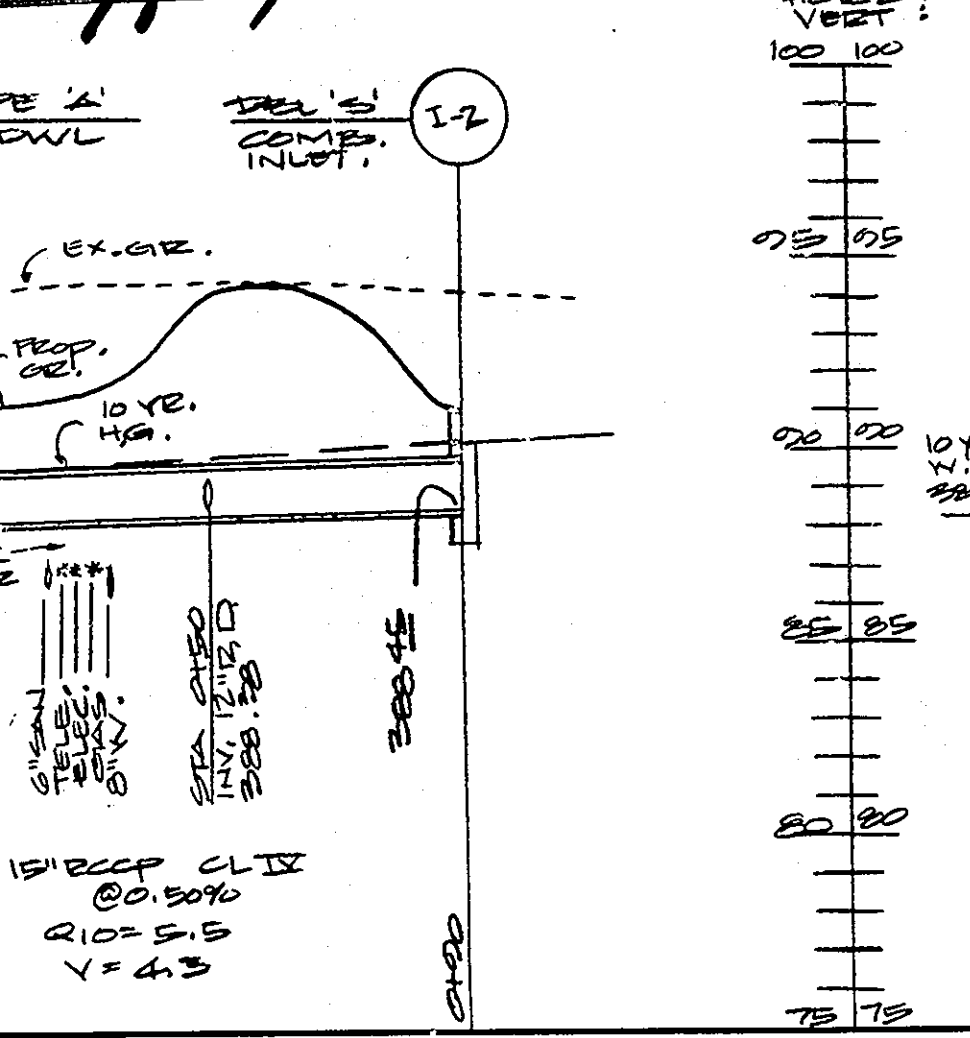
DISTRICT: *John ...* DATE: 11/19/84

APPROVED: HOWARD SOIL CONSERVATION DISTRICT

REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

SIGNATURE: *John ...* DATE: 11-19-84

THE UNITED STATES SOIL CONSERVATION SERVICE



GEORGE WILLIAM STEPHENS JR. AND ASSOCIATES INC
ENGINEERS
303 ALLEGHENY AVE. TOWSON, MD. 21204
(301) 825-8120

STATE OF MARYLAND
APPROVED PROFESSIONAL ENGINEER

John ... 8930 9/7/84
Signature of Engineer REG. NO. DATE

Q.M. RIVERS PROJECT PARTNERSHIP
JOHN MATOS & MARK GALLO

AZTEC ELECTRONICS
240 ETE. 108
COLUMBIA, MD 21045

DEVELOPER
M.O. RIVERS PARTNERSHIP
8255 GUILFORD RD.
COLUMBIA, MD. 21046
995-1070

PROFILES & DETAILS FOR PROPOSED OFFICE & WAREHOUSE RIVERS CORPORATE PARK SECT. 1 AREA 3 'AREA E' COLUMBIA

HOWARD CO., MD
SCALE: 1" = 20' OR AS SHOWN
FN. 5048

ELECT. DIST. #6
AUGUST 21, 1984
SHT # 3 OF 4

DES: RNE
PNG: DSE
CHE: ENE/TC
REVISIONS

Signature of Developer

SDP-85-47c

SDP-85-47c

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER: *John B. ...* DATE: 11-28-84

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR: *L. ...* DATE: 11-28-84
CHIEF, DIV. OF LAND DEVELOPMENT AND ZONING ADMINISTRATION:

John W. ... DATE: 11-28-84

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM
DRAINAGE SYSTEMS, AND ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

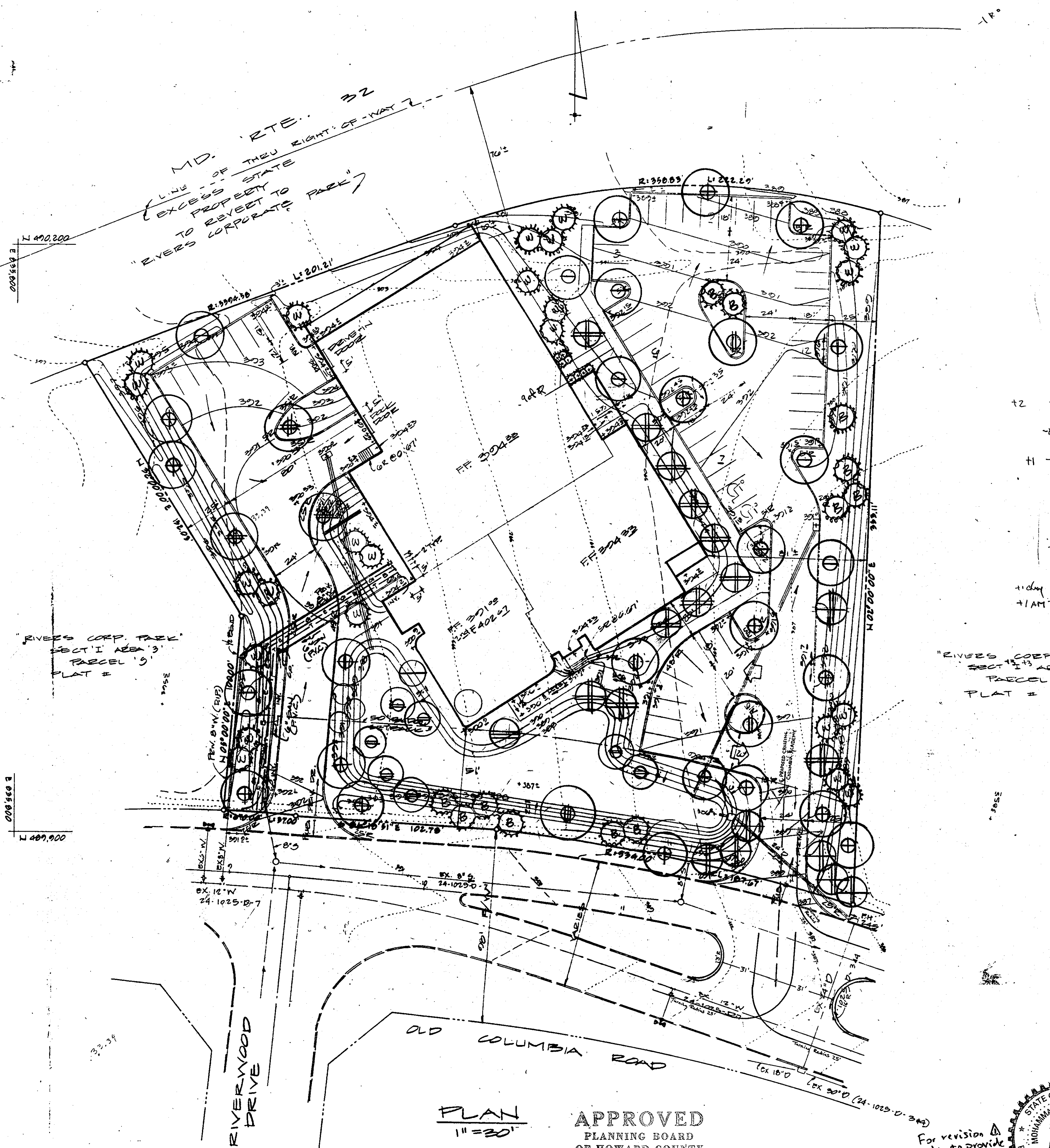
DIRECTOR: *...* DATE: 11-23-84
CHIEF, BUREAU OF ENGINEERING: *...* DATE: 11-23-84

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

APPROVED: HOWARD SOIL CONSERVATION DISTRICT

REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND
MEETS TECHNICAL REQUIREMENTS

SIGNATURE: *...* DATE: *...*
THE UNITED STATES SOIL CONSERVATION SERVICE



plant list

KEY	PLANT NAME	SIZE	QUANT	REMARKS
⊕	ACER RUBRUM RED MAPLE	2 1/2-3" CAL 12-14 HT	18	B+B HEAVY HEADS
⊕	ZELKOVA SERRATA JAPANESE ZELKOVA		3	
⊕	QUERCUS PALUSTRIS PIN OAK		8	
⊕	SALIX BABYLONICA BABYLON WEEPING WILLOW		1	
⊕	FRAXINUS P. LANCEOLATA SEEDLESS GREEN ASH		3	
⊕	SALIX MATSUJANA 'TORTUOSA' CORKSCREW WILLOW	2-2 1/2" CAL. 8-10' HT.	7	
⊕	PRUNUS CERASIFERA THUNDERCLOUD PURPLE LEAF FLOWERING PLUM	2-2 1/2" CAL 8-10' HT.	7	
⊕	PRUNUS GERRILLATA KWANZAN KWANZAN JAPANESE CHERRY	2-2 1/2" CAL 8-10' HT.	11	
⊕	PRUNUS SUHRTLELLI PENDULA WEeping JAP. CHERRY	8-10' HT.	1	SPECIMEN
⊕	PINUS THUNBERGI JAPANESE BLACK PINE	6-8' HT.	12	
⊕	PINUS STROBUS EASTERN WHITE PINE	6-8' HT.	31	
⊕	AMELANCHIER CANADENSIS SHADBLEW CLUMP	6-8' HT.	1	B+B

NOTE: ALL PLANTING TO BE IN COMPLIANCE WITH STANDARD HRD COLUMBIA PLANTING SPECIFICATIONS
CONTRACTOR TO VERIFY LOCATION OF UNDERGROUND UTILITIES BEFORE DIGGING.

Neu Valley Nurseries Inc.

BALTIMORE, MARYLAND 796-4195
AUGUST 20, 1984
REVISED 10/16/84

PLAN
1"=30'

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 10-31-84
...



For revision only to provide median break to site.

No.	REVISION	DATE
1	ADD MEDIAN BREAK	12-7-82

GEORGE WILLIAM STEPHENS JR. AND ASSOCIATES INC
ENGINEERS
303 ALLEGHENY AVE. TOWSON, MD 21204
(301) 825-8120

OWNER
JOHN MACTOS + MARK GALLO

ATTEC ELECTRONICS
#040 SITE 1024
COLUMBIA MD 21045

DEVELOPER
MANEIN CORPORATION
10240 OLD COLUMBIA RD.
COLUMBIA, MD. 21046
975-1070

LANDSCAPE PLANTING PLAN
PROPOSED OFFICE & WAREHOUSE
RIVERS CORPORATE PARK
SECT. 1 AREA 3 PARC. 'R'
COLUMBIA

HOWARD CO. MD
SCALE: 1"=30'
DN. 3048

SHEET DIST. # 3
AUGUST 1984
SHT # 4 OF 4