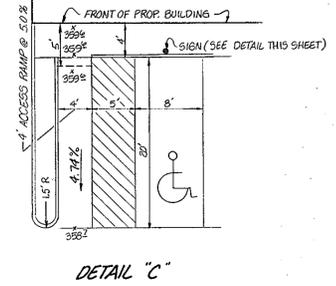
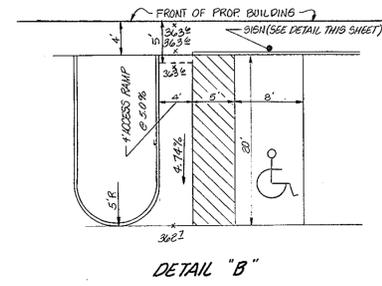


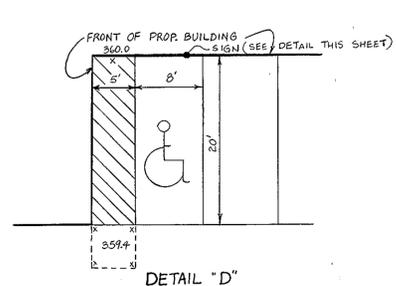
HANDICAPPED PARKING SIGN
 NOTES GOVERNING \$50 FINE SIGN AS PER MD. CO. BILL NO. 53-84.
 1. SIGN TO UTILIZE AN ALUMINUM BLANK 6" x 12" x 0.060" THICK WITH TWO (2) SINGLE POST MOUNTING HOLES.
 2. THE TEXT AND BORDER SHALL BE STANDARD GREEN TO MATCH THAT ON R.T-8, AND THE BACKGROUND SHALL BE REFLECTIVE WHITE. TEXT SHALL BE 3" HIGH.
 3. FINE SIGN TO BE HUNG AT A MINIMUM HEIGHT OF 7' AND A MAXIMUM HEIGHT OF 10'.
 4. NOT TO SCALE.



DETAIL "C"



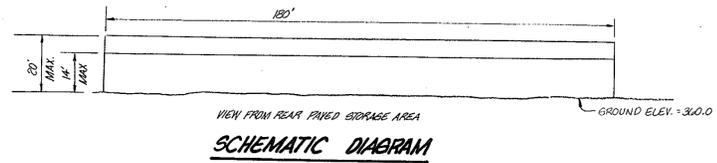
DETAIL "B"



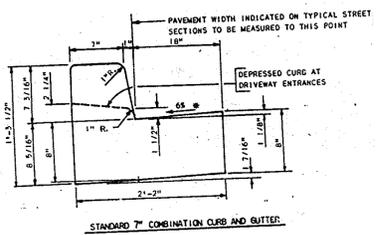
DETAIL "D"

HANDICAPPED ACCESS DETAILS

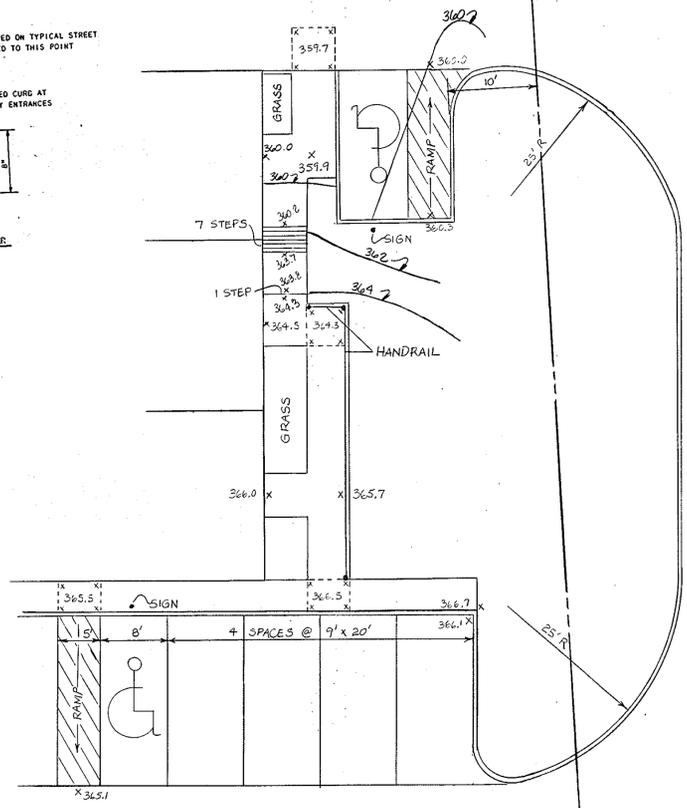
SCALE: 1" = 10'



SCHEMATIC DIAGRAM

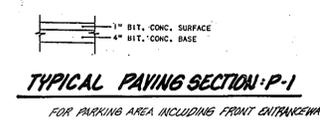


STANDARD "T" COMBINATION CURB AND GUTTER



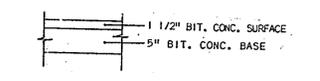
DETAIL "A"

SCALE: 1" = 10'



TYPICAL PAVING SECTION: P-1

FOR PARKING AREA INCLUDING FRONT ENTRANCEWAY



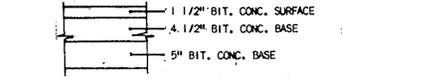
TYPICAL PAVING SECTION: P-2

REAR PAVED AREA INCLUDING ENTRANCEWAY

LANDSCAPING SCHEDULE

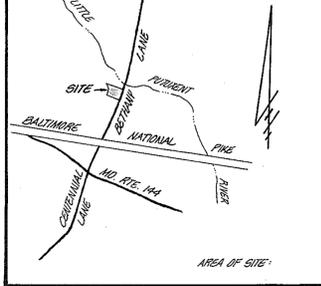
NO.	SIZE	COMMON NAME	BOTANICAL NAME
24	15" x 18" SPREAD, 3" D.C.	AUBREJA JUNIPERS	PHILLO STROBILIS
12	2 1/2" CAL.	WHITE PINE	ACETA RUBRUM
6	2 1/2" CAL.	RED OAK	PAVUS CALIFORNIANA
3	2" CAL.	BALFOURD PEAR	

LANDSCAPING SCHEDULE



TYPICAL PAVING SECTION: P-5

FOR ROAD WIDENING ALONG BETHANY LANE

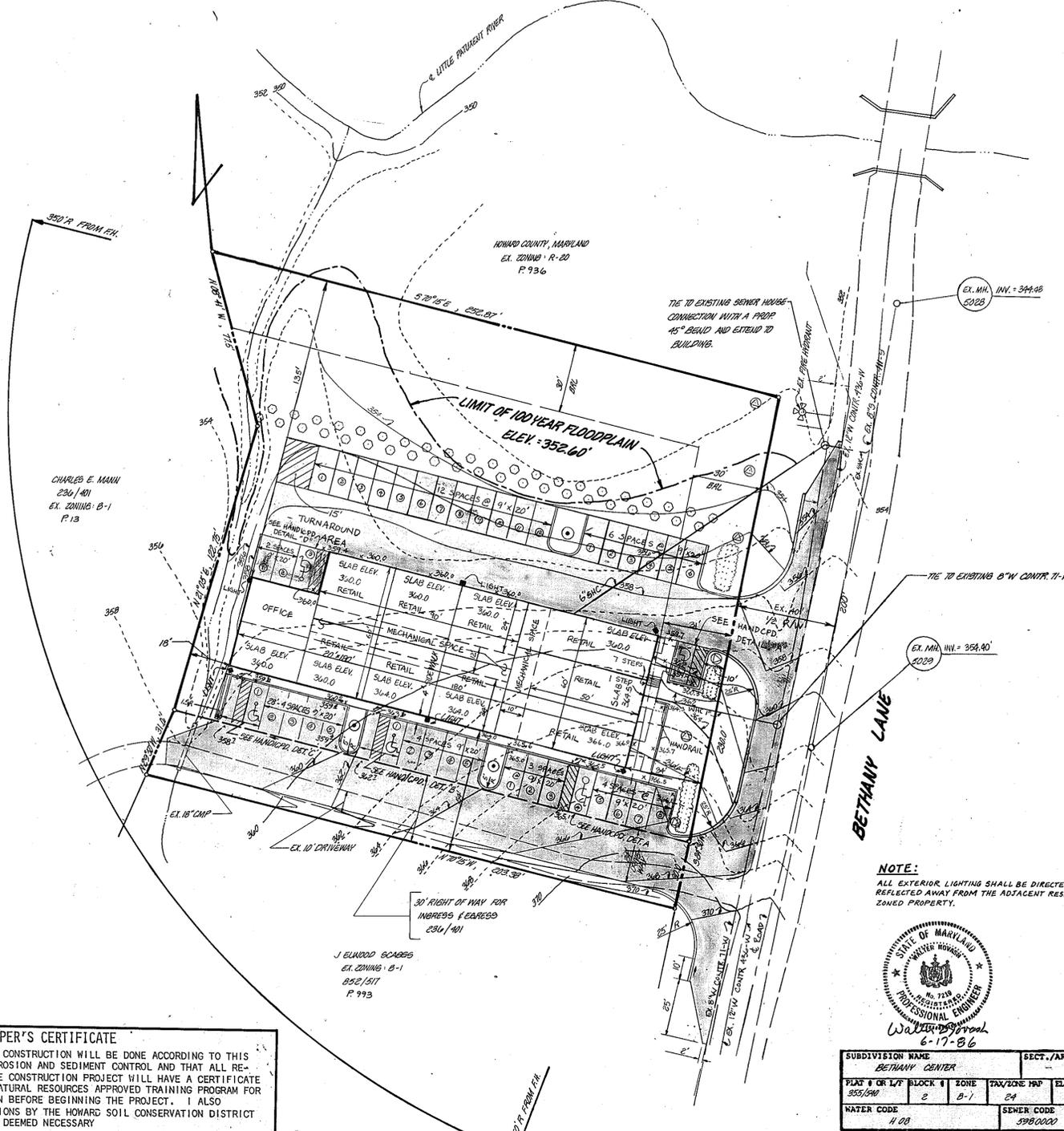


VICINITY MAP

SCALE: 1" = 1000'

SITE ANALYSIS

- AREA OF PARCEL: 1.23 ; 53,510 SF
- EXISTING ZONING: B-1
- TOTAL FLOOR AREA OF BUILDING: 9,780 SF
- TOTAL FLOOR AREA OF OFFICE USE: 5,280 SF
- MAX. NO. OF EMPLOYEES: 20
- TOTAL FLOOR AREA OF RETAIL USE: 4,500 SF
- PARKING SPACES REQ. FOR OFFICE USE: 14
- PARKING SPACES REQ. FOR RETAIL USE: 73
- TOTAL NO. OF PARKING SPACES REQ.: 87
- TOTAL NO. OF PARKING SPACES PROVIDED: 87
- OPEN SPACE TO REMAIN ON SITE: 23,444 SF = 44.75%
- BUILDING COVERAGE OF SITE: 19,800 SF = 20.18%
- PARKING AREA: 17,130 SF
- LANDSCAPED ISLAND AREA: 900 SF = 5.25%
- DENOTES EXTERMINA LIGHTING AND ITS DIRECTION.
- THERE ARE NO EXISTING BUILDINGS WITHIN 100' OF THE SUBJECT PROPERTY BASED ON HOWARD COUNTY 1" = 200' PHOTOGRAMMETRIC MAPS.



GENERAL NOTES

- TAX MAP: 24 ; PARCEL: 798
- DEED REFERENCE: 385,540
- EX. ZONING: B-1
- PROPOSED SITE USE: OFFICES AND RETAIL
- AREA OF SITE: 1.23 AC. ; 53,510 SF
- ALL CONSTRUCTION AND MATERIAL SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.
- PUBLIC WATER AND PUBLIC SEWERAGE TO BE UTILIZED.
- ALL ON-SITE DRIVEWAYS AND PARKING AREAS ARE PRIVATE.
- BETHANY LANE IS AN EXISTING PUBLIC ROAD.
- ANY DAMAGE TO THE COUNTY OWNED RIGHT-OF-WAYS SHALL BE CORRECTED AT THE DEVELOPERS EXPENSE.
- CONTRACTOR TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK.
- CONTRACTOR TO NOTIFY MISS UTILITY AT 1-559-0100 AT LEAST FIVE DAYS PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION, 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK @ 792-7272.

NOTE:
 ALL EXTERIOR LIGHTING SHALL BE DIRECTED/ REFLECTED AWAY FROM THE ADJACENT RESIDENTIALLY ZONED PROPERTY.



OWNER
 CHARLES F. FISCHER, JR., ET AL
 1000 FREDERICK RD.
 ELLICOTT CITY, MD. 21043
 410-3570

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
 County Health Officer: *[Signature]* 7-7-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
 Planning Director: *[Signature]* 7-8-86

APPROVED: DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION.
 Chief: *[Signature]* 7-8-86

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 Director: *[Signature]* 7-7-86

APPROVED
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE: 4-25-86
[Signature]

DATE	REVISION	NAME
1-9-87	WHC ON SHEET 1 1/4" TO 1"	JCO
8-13-87	REVISE NOTES 7-9 SITE ANALYSIS	JCO
8-13-87	REVISE NOTE 4 GENERAL NOTES	JCO

DEVELOPER'S CERTIFICATE
 I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.
 DEVELOPER: *[Signature]* DATE: 6/17/86

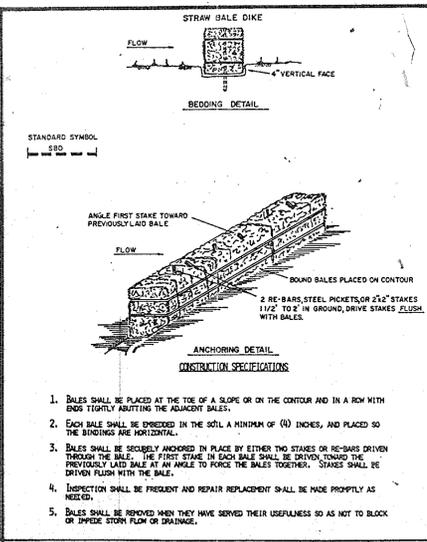
ENGINEER'S CERTIFICATE
 I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 ENGINEER: *[Signature]* DATE: 6-17-86

ADDRESS CHART

PARCEL LOT NUMBER	STREET ADDRESS
P. 789	3230 BETHANY LANE

SUBDIVISION NAME: BETHANY CENTER
SECT., AREA: 24
LOT/ PARCEL #: 789
PLAT # OR L.P. BLOCK #: 2
ZONE: B-1
TAX/ZONE MAP: 24
ELEC. DIST.: 2 ND
GENSIS TR.: 6022
WATER CODE: 11 00
SEWER CODE: 5980000
TITLE: SITE DEVELOPMENT PLAN
PROJECT: BETHANY CENTER - BUILDING ADDITION
LOCATION: TAX MAP 24 PARCEL 798 DEED REF: 385,540
 2 ND ELECTION DISTRICT HOWARD CO., MD.
SCALE: 1" = 30'
DESIGNED BY: W.N.
DRAWN BY: JTN
CHECKED BY: W.N./D.R.
DATE: MARCH, 1986
FIELD BOOK: 13
PAGE NO.: 44
JOB NO.: 85088
DRAWING NO.: 1072

boender associates inc.
 consulting engineers
 land surveyors
 land planners
 COURTHOUSE SQUARE
 3565 ELLICOTT MILLS DRIVE
 ELLICOTT CITY, MD. 21043
 (301) 465-7177



- CONSTRUCTION SPECIFICATIONS**
- Bales shall be placed at the top of a slope or on the contour and in a row with ends tightly abutting the adjacent bales.
 - Each bale shall be prepared in the soil a minimum of (4) inches, and placed so the bedding are horizontal.
 - Bales shall be closely packed in place by either two stakes or re-bar driven through the bale. The first stake in each bale shall be driven toward the roadway and the second stake shall be driven toward the adjacent bales. Stakes shall be driven flush with the bale.
 - Inspection shall be present and repair replacement shall be made promptly as needed.
 - Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.

SEDIMENT CONTROL NOTES

- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (592-2437)
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within (7) calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1. (b) 14 days as to all other disturbed or graded areas on the project site.
- All sediment traps/basins shall be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 31) and (Sec. 34), temporary seeding (Sec. 30) and mulching (Sec. 32). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- Site Analysis:
 - Total Area of Site: 1.08 Acres
 - Area Disturbed: 0.98 Acres
 - Area to be seeded or paved: 0.77 Acres
 - Area to be vegetatively stabilized: 0.21 Acres
 - Total Cut: 200 Cu. Yds
 - Total Fill: 222 Cu. Yds
 - Offsite waste/borrow area location:
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment controls must be provided, if deemed necessary by the Howard County SDC sediment control inspector.
- On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Seeding Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendments: In lieu of soil test recommendations, use one of the following schedules:

- Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 600 lbs per acre 10-10-10 fertilizer (16 lbs/1000 sq ft) before seeding. Narrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq ft).
- Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Narrow or disc into upper three inches of soil.

Seeding: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs per acre (1.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs/1000 sq ft) of weeping lovegrass. During the period of October 16 thru February 28, protect site by: Option (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes, 8 ft. or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.

Maintenance: Inspect all seeded areas and make needed repairs, replacements and reseedings.

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redistributed where a short-term vegetative cover is needed.

Seeding Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

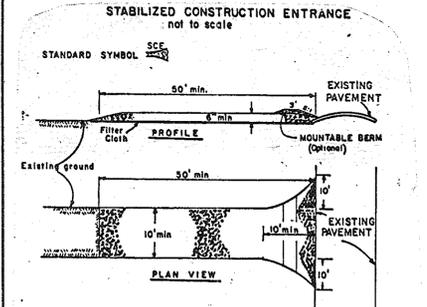
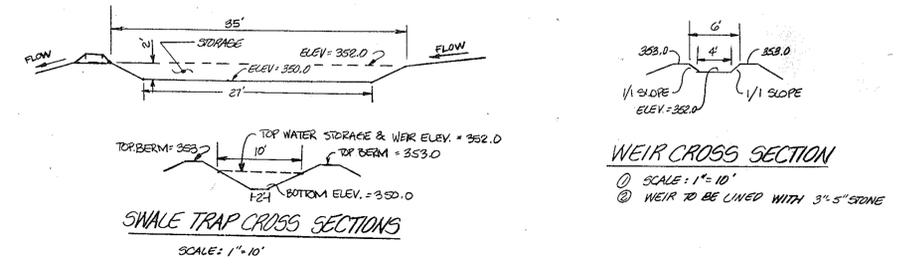
Soil Amendments: Apply 400 lbs per acre 10-10-10 fertilizer (16 lbs/1000 sq ft)

Seeding: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 20 bushels per acre of annual ryegrass (2.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs/1000 sq ft). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

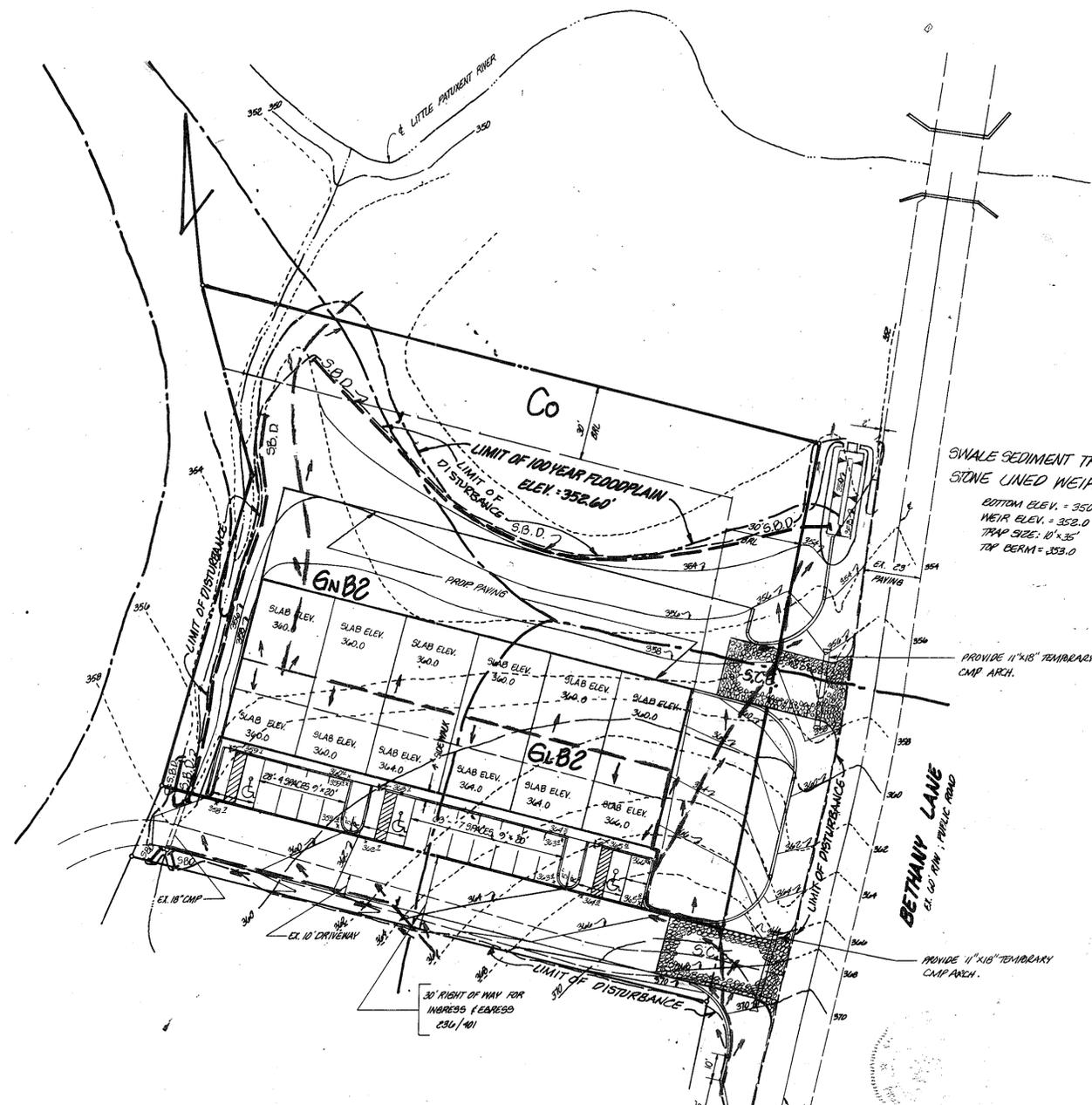
Mulching: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes, 8 ft. or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.

Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

- Construction Sequence**
- Obtain grading permit. 3 days
 - Notify the Howard Bureau of Licenses, Inspections and Permits and the Construction Inspection/Surveys Division @ 792-7272 at least 24 hours prior to beginning grading operations. Notify Miss Utility @ 555-0106.
 - Install temporary sediment control measures (S.C.E. and S.B.D.) 1 week
 - Rough grade, stabilize with temporary stabilization measures. 3 months
 - Install utilities and construct building. 1 week
 - Pave roads and parking areas. 1 week
 - Fine grade and stabilize all disturbed areas. 1 week
 - Remove temporary sediment control measures with approval of Howard County Bureau of Licenses, Inspections and Permits, and stabilize any remaining disturbed areas. 1 week



- CONSTRUCTION SPECIFICATIONS**
- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
 - Length - As required, but not less than 50 feet (except on a single residence lot where a 30 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 Mat - All surface water flowing or directed toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with six slopes will be permitted.
 - Maintenance - The entrance shall be maintained in a condition which will prevent erosion or flooding of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment applied, dropped, washed or tracked onto public rights-of-way must be removed immediately.
 - Washing - Washes 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 stabilized with stone and which drains into an approved sediment trapping device.
 - Periodic inspection and needed maintenance shall be provided after each rain.



REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.

[Signature] 7/2/86
U.S. SOIL CONSERVATION SERVICE DATE

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

[Signature] 7/2/86
SOIL CONSERVATION DISTRICT DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

[Signature] 7-7-86
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

[Signature] 7-8-86
PLANNING DIRECTOR DATE

[Signature] 7-8-86
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

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

[Signature] 7-3-86
DIRECTOR DATE

[Signature] 7-3-86
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED

DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION

HOWARD COUNTY, MARYLAND

DATE 4-25-86

[Signature]

DEVELOPER'S CERTIFICATE

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

DEVELOPER *[Signature]* DATE 6/17/86

ENGINEER'S CERTIFICATE

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

ENGINEER *[Signature]* DATE 6-17-86



TITLE: SEDIMENT CONTROL PLAN DRAINAGE AREA MAP

PROJECT: BETHANY CENTER

LOCATION: 2ND ELECTION DISTRICT WINDY CO. MD.

SCALE: 1" = 30'

DESIGNED BY: M.N. DRAWN BY: JTN. CHECKED BY: W.N. DATE: MARCH 1986

FIELD BOOK: 73 PAGE NO: 141 JOB NO: 84068 DRAWING NO: 202

OWNER

CHARLES F. FISCHER, JR.; ET AL
1100 FREDERICK ROAD
ELLICOTT CITY, MD. 21043
445-3270

boender associates inc.
consulting engineers
land surveyors
land planners

COURTHOUSE SQUARE
3565 ELLICOTT MILLS DRIVE
ELLICOTT CITY, MD. 21043
3011 465-7777