

VICINITY MAP
SCALE: 1"=400'
ADC MAP 32, GRID D1

COLUMBIA
VILLAGE OF HICKORY RIDGE
SECTION 3, AREA 2
FLAT NO 6721
ZONED NT (S.F.MD)

OWNER AND DEVELOPER
COVENANT BAPTIST CHURCH
OF WEST COLUMBIA, INC.
5960 CEDAR LANE
COLUMBIA, MD 21044
992-1877

| LOT NO. | STREET ADDRESS |
|---------|-----------------------|
| 1 | 5901 CEDAR FERN COURT |

- GENERAL NOTES:
- TOTAL AREA OF PARCEL: 5.845 AC.±
 - PRESENT ZONING: NT
 - SUBJECT TO BOARD APPEALS CASE NO. 85-03
 - PROPERTY IS SHOWN ON TAX MAP 35, PARCEL 39.
 - DEED REFERENCE: LIEB 1407 AT FOLIO 723
 - SITE DATA:
 - A) INTENDED USE OF STRUCTURE: CHURCH AND SUNDAY SCHOOL
 - B) TOTAL AREA OF BUILDING: 2,531 S.F. OR 0.193 AC.±
 - C) TOTAL NUMBER OF PARKING SPACES REQUIRED:
 - 1) TOTAL FLOOR AREA OF ASSEMBLY SPACE OPEN TO THE PUBLIC: 2,531 S.F.
 - 2) 1 SPACE/100 S.F. FLOOR AREA OF ASSEMBLY SPACE OPEN TO THE PUBLIC: 25 SPACES
 - 3) NO FIXED BENCH SEATING PROVIDED. SINGLE CHAIR SEATING WILL PROVIDE 146 SEATS. (1 SPACE/3 SEATS)
 - 4) 146 SEATS / 3 = 49 SPACES
 - 4) TOTAL NUMBER OF SPACES PROVIDED: 74 SPACES
 - 5) STANDARD SPACES (9'x10' OR 9'x12'x11'7")
 - 6) HANDICAPPED SPACES (12'x18'x4')
 - 7) OPEN SPACE (GREEN AREAS) - 4,800 AC.± COVER
 - THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION DIVISION 24 HOURS PRIOR TO COMMENCEMENT OF WORK AT 992-2437
 - HANDICAPPED FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THE "MINIMUM OF BARRIER FREE FACILITIES" AND THE "NATIONAL BUILDING CODE FOR THE HANDICAPPED AND AGED"
 - DETERMINING THE EXACT LOCATION OF EXISTING UTILITIES TO HIS OWN SATISFACTION BEFORE MAKING ANY CONNECTION THERETO OR EXCAVATING IN THE AREA THEREOF.
 - SEE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS.
 - ALL LIGHTING SHALL BE WALL MOUNTED (SECURITY LIGHTS ONLY) AND DIRECTED DOWNWARD AND INWARD FROM ALL ADJACENT PROPERTIES.

- THE 70'x35' TENT INSTALLATION (2,450 SF) IS EXEMPT FROM PROVIDING STORMWATER MANAGEMENT. HOWEVER, FUTURE CHANGES TO THE SRE DEVELOPMENT PLAN THAT EXCEEDS 5,000 SF IN TOTAL SHALL COMPLY WITH CURRENT STORMWATER MANAGEMENT REGULATIONS.
- BOA CASE #15-009C FOR TENT PAD AND TENT WAS APPROVED 7-16-2015.



PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 0157, EXPIRATION DATE 06-01-2017.

NOTE: FOR DENSE SCREEN PLANTING ALONG PROPERTY LINES SEE LANDSCAPING PLAN SHEET 4 OF 4

- THE NUMBER OF EXISTING PARKING SPACES MEETS THE CURRENT STANDARDS OF THE ZONING ORDINANCE.
 - THE TENT PAD WAS INSTALLED PRIOR TO 1995.
- NOTE: IN ACCORDANCE WITH B.A. CASE NO. 85-03 PARKING FOR THE RELIGIOUS FACILITY IS NOT PERMITTED ON ANY PUBLIC STREET

| REVISION | DESCRIPTION | DATE |
|----------|--------------------------------------|-----------|
| 2 | ADDED TENT PAD PER BOA CASE #15-009C | 8-11-2016 |

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVENUE
ELLICOTT CITY, MARYLAND 21043
(301) 461-2855

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

Signature: *Chad Collins*
DATE: 1/7/88

DEVELOPER'S CERTIFICATE
I/WE 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 ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

Signature: *Dona Collins Carter*
DATE: 4-8-87

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

Signature: *James Mettelm*
DATE: 4-28-88
U.S. SOIL CONSERVATION SERVICE

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

Signature: *R. G. ...*
DATE: 4-15-88
DISTRICT HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING

Signature: *James Ruth*
DATE: 5/18/88
PLANNING DIRECTOR

Signature: *James Ruth*
DATE: 5/18/88
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

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

Signature: *Joan ...*
DATE: 5-14-88
HEALTH OFFICER

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

Signature: *Chad Collins*
DATE: 5-4-88
DIRECTOR, PUBLIC WORKS

Signature: *James ...*
DATE: 5-4-88
CHIEF, BUREAU OF ENGINEERING

| | | |
|--|-----------------------|--------------------------|
| PROPERTY (CEDAR WOODS) COVENANT BAPTIST CHURCH | SECTION/AREA LOT 1 | LOT NO. LOT 1 |
| PLAT NO. 7027 | BLOCK NO. 11 ZONE RSC | TAX/ZONE ELEC. DIST. 5 5 |
| WATER CODE JOB | SEWER CODE 6591000 | CENSUS TR. 6053.01 |

SITE DEVELOPMENT PLAN
SEDIMENT CONTROL PLAN

COVENANT BAPTIST CHURCH
FIFTH ELECTION DISTRICT
HOWARD COUNTY MARYLAND
SCALE: 1"=30'
JULY 16, 1987.
SHEET 1 OF 4

PERMANENT SEEDING NOTES:

APPLY TO GRADED OR CLEARED AREA NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

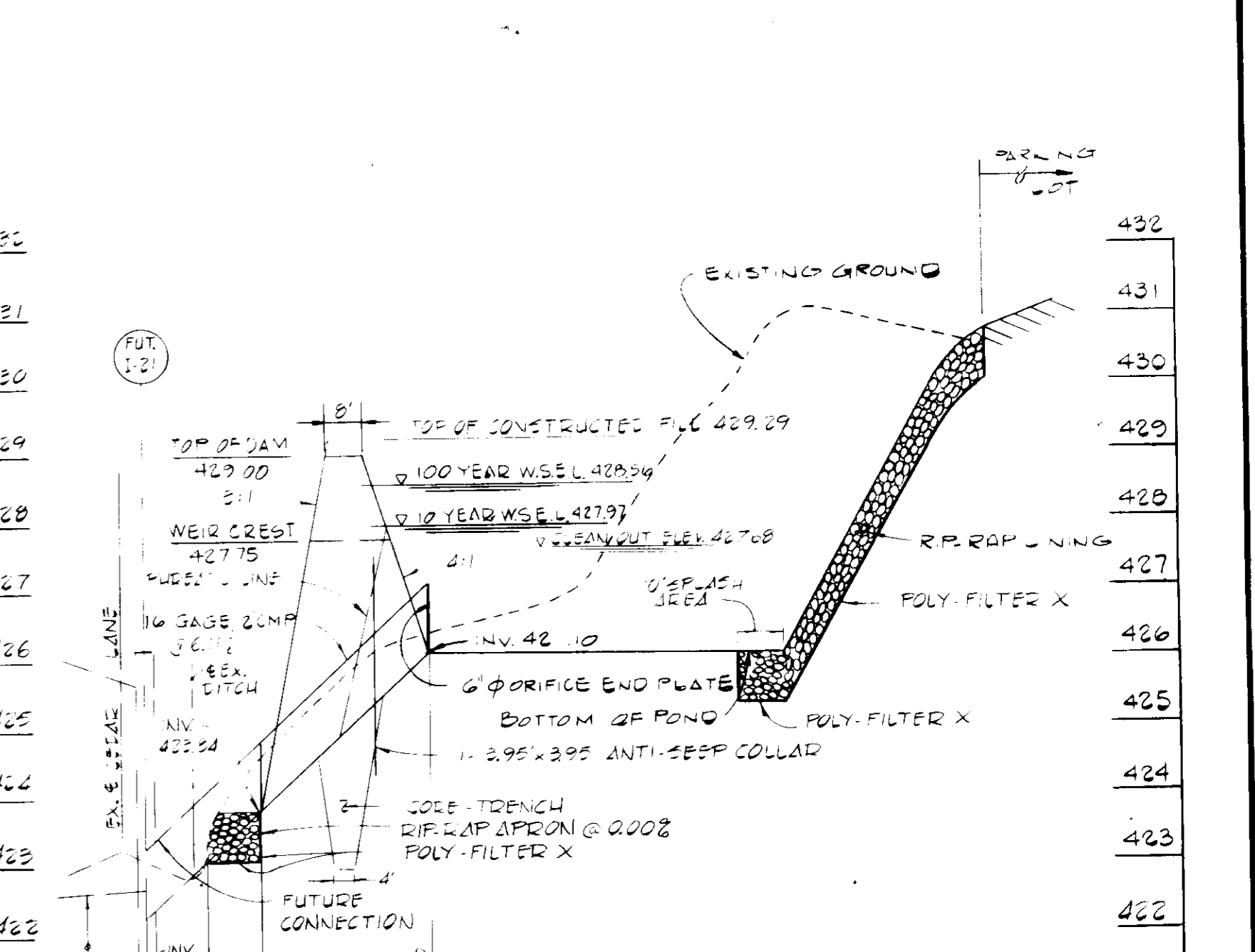
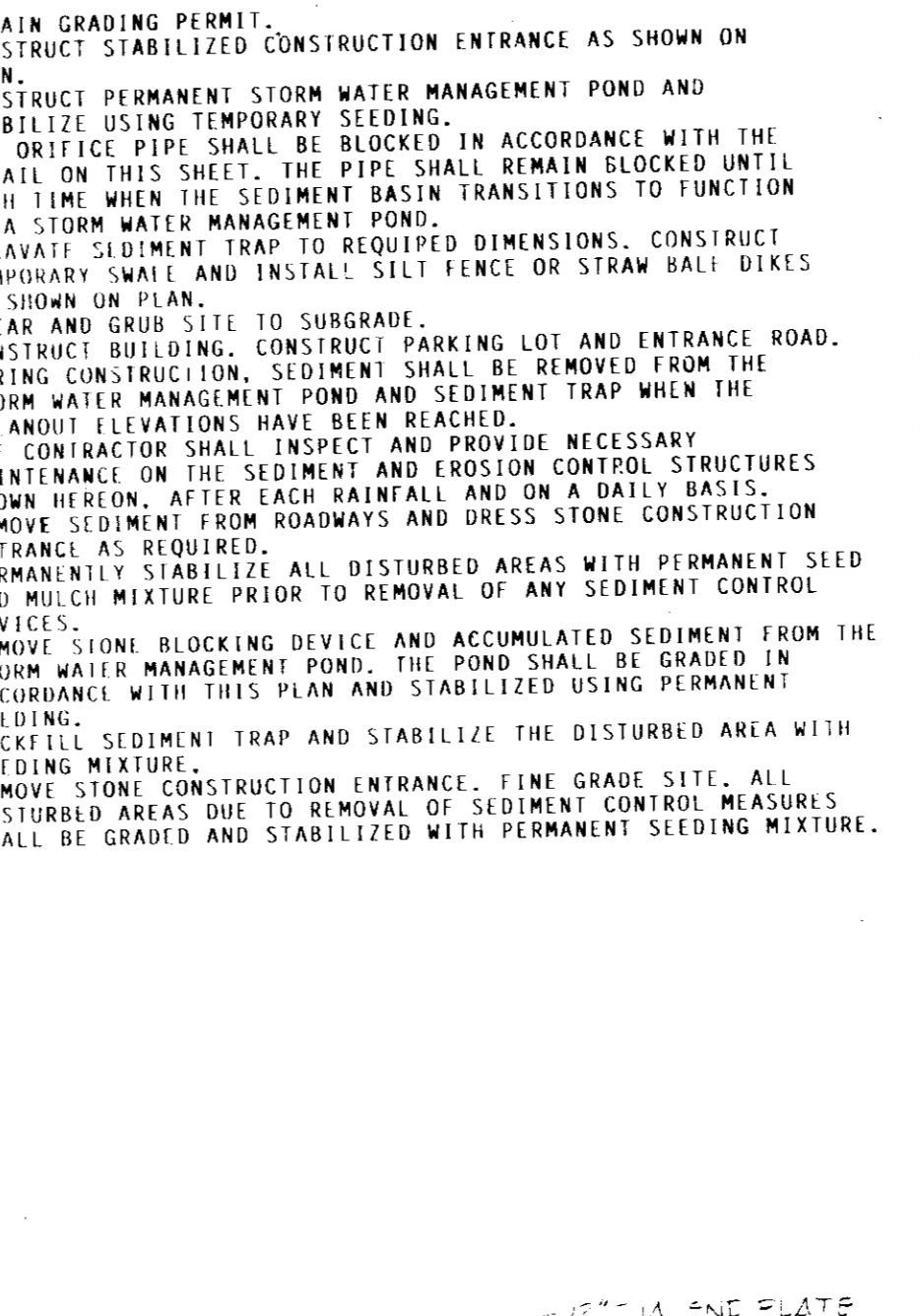
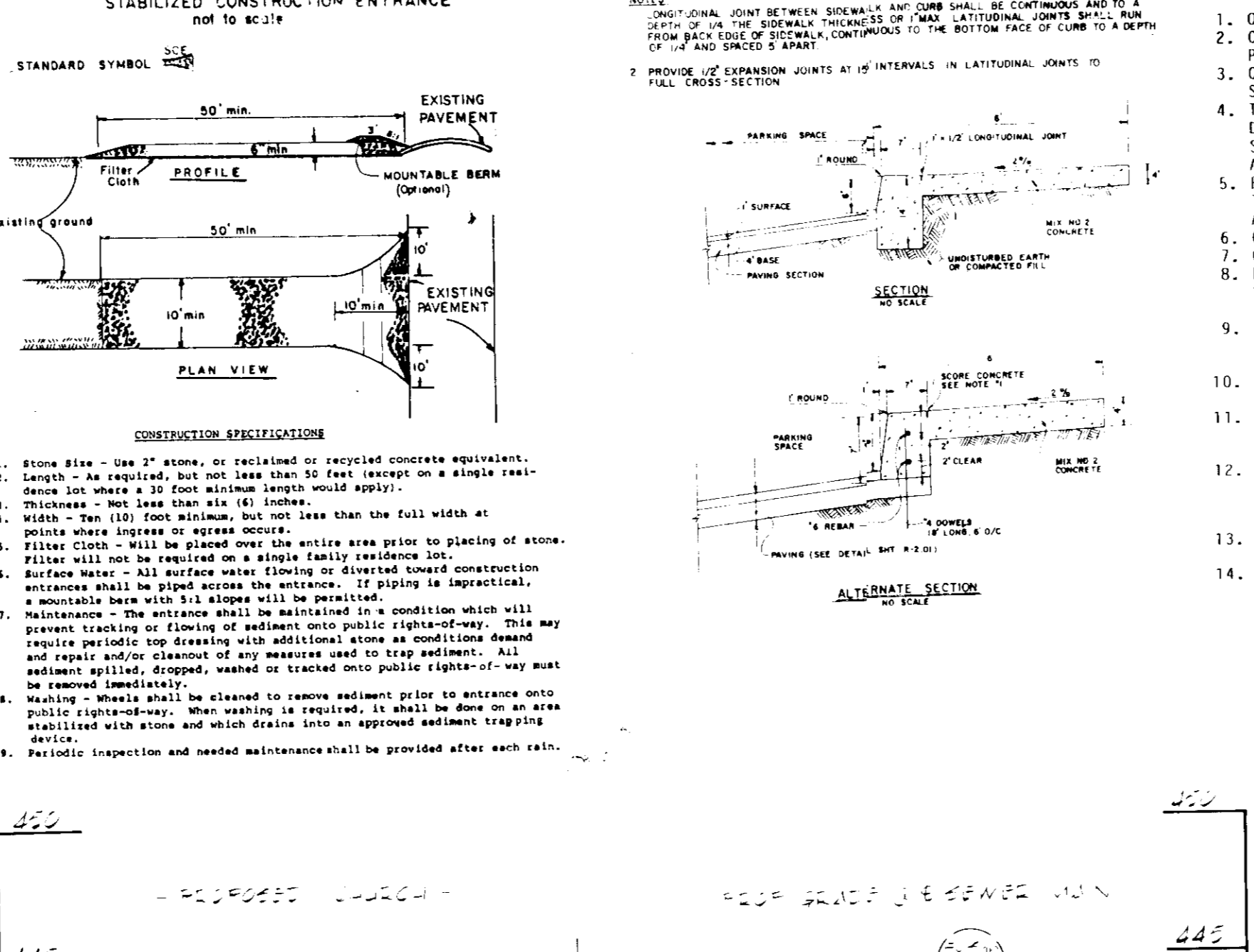
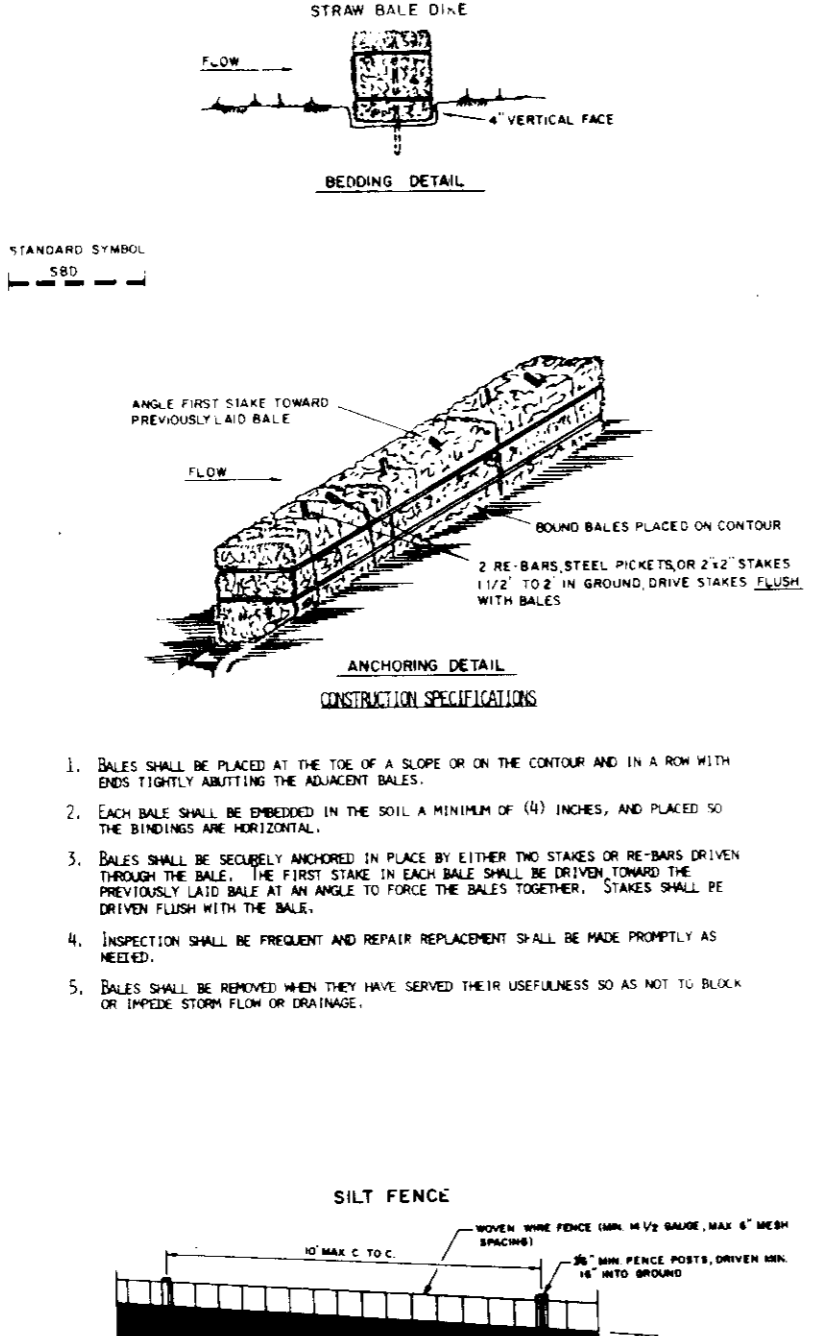
SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

- PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISC 1/10" UPPER THREE-INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 40-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ. FT.).
- ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 100 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE-INCHES OF SOIL.

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 50 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 500 LBS/ACRE STRAW MULCH AND 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 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.

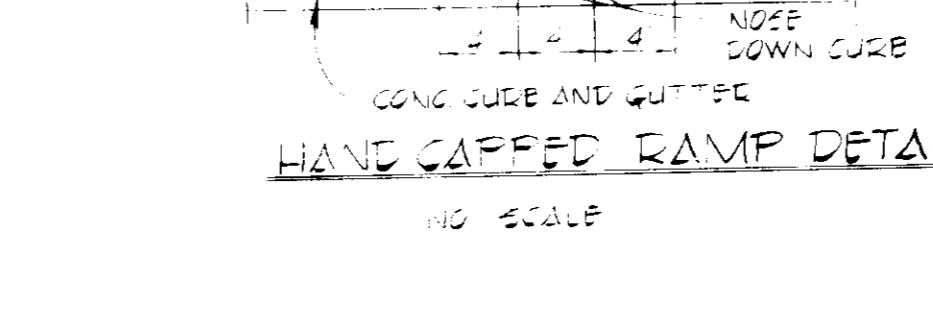
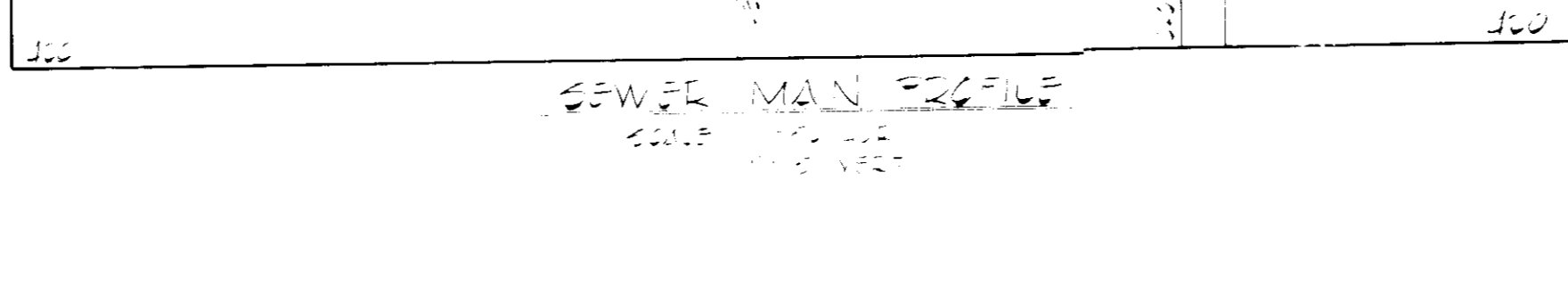
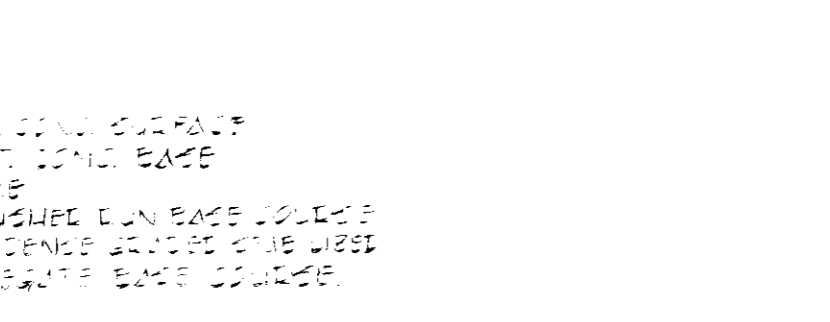
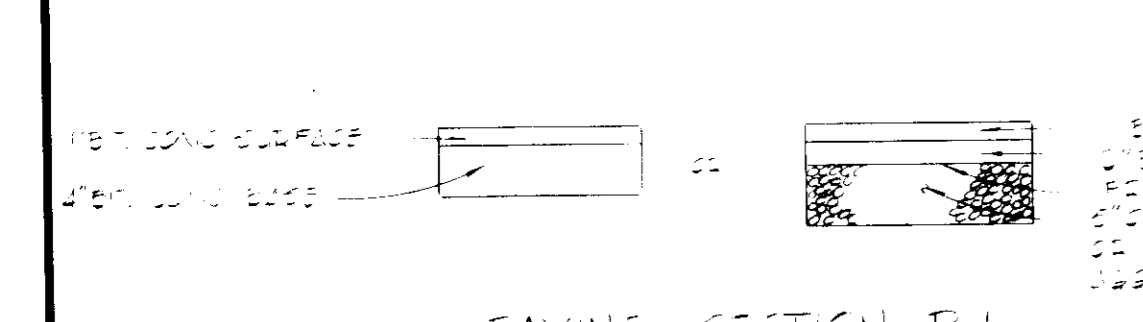
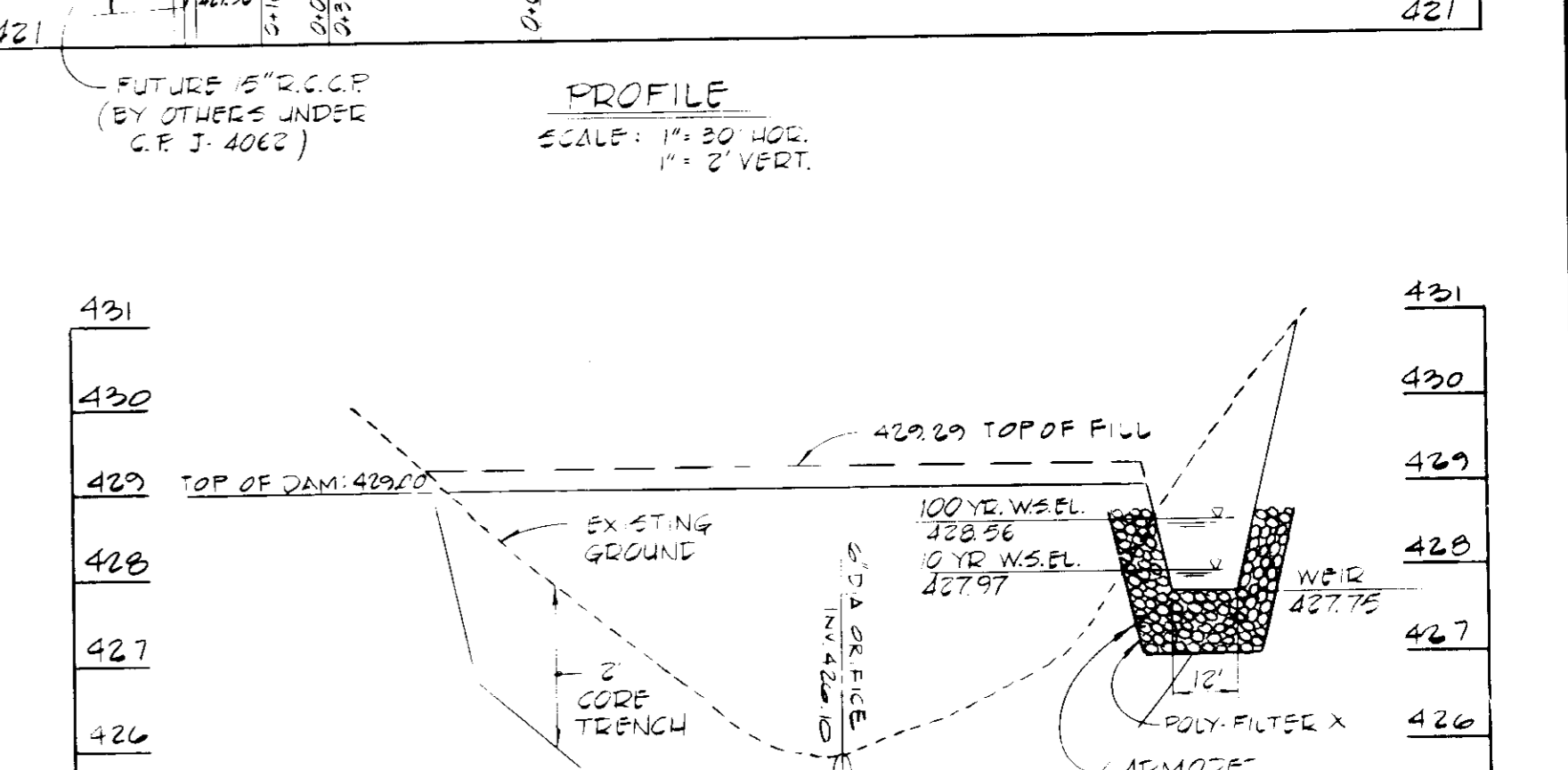
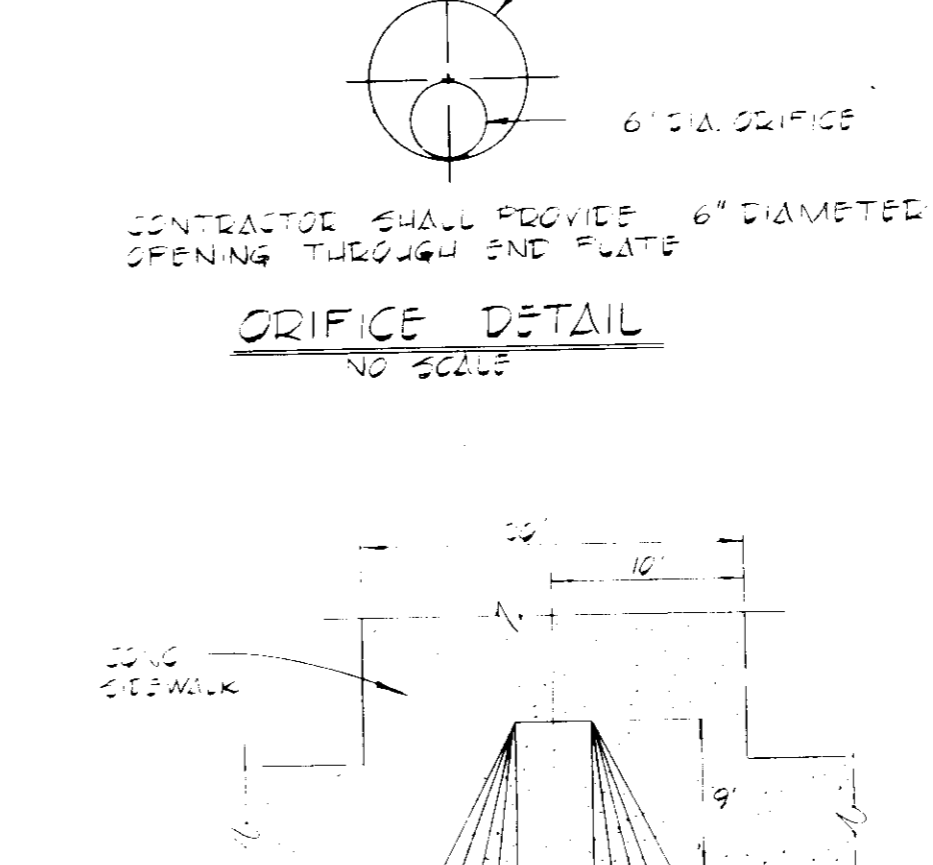
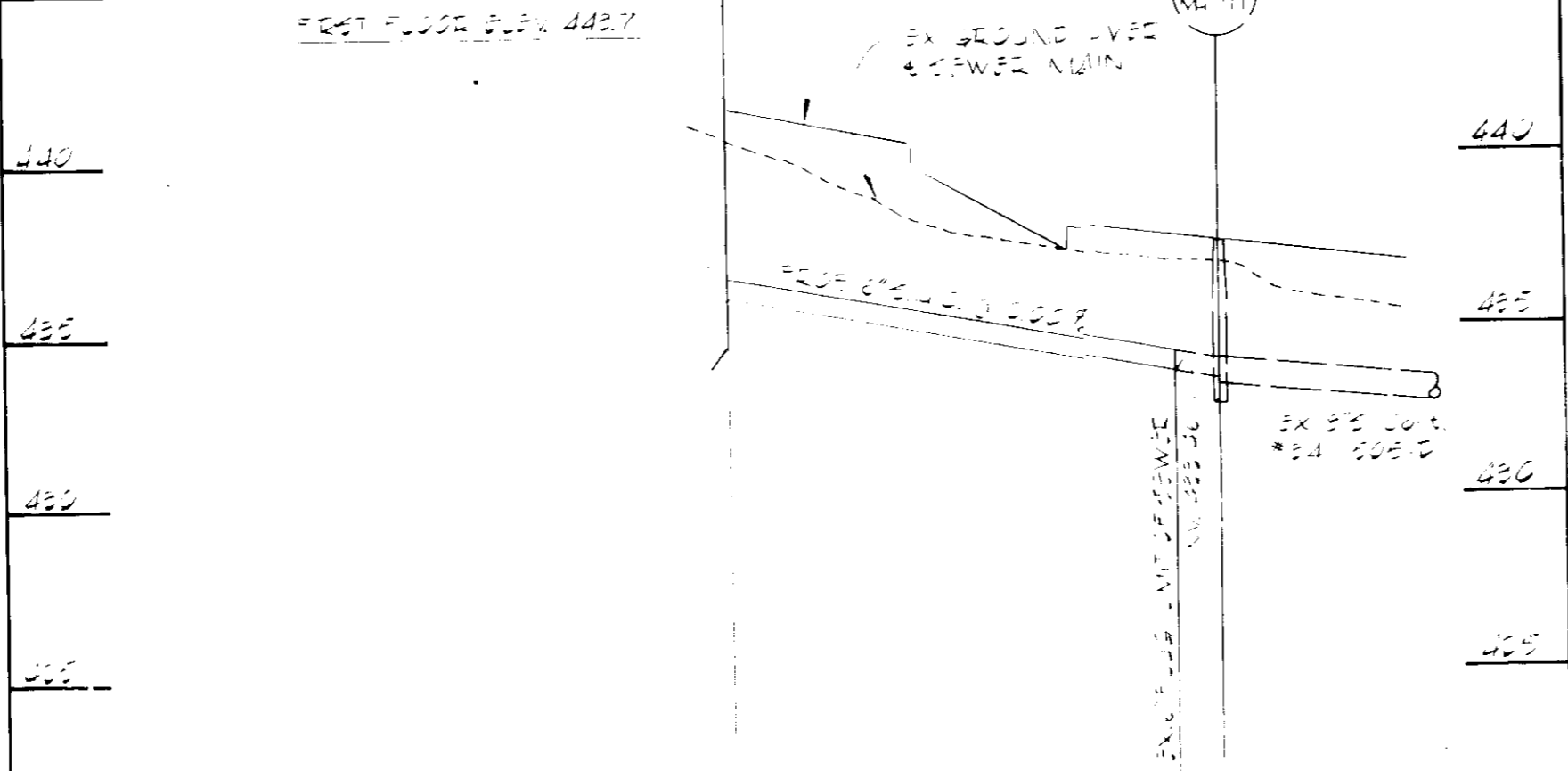
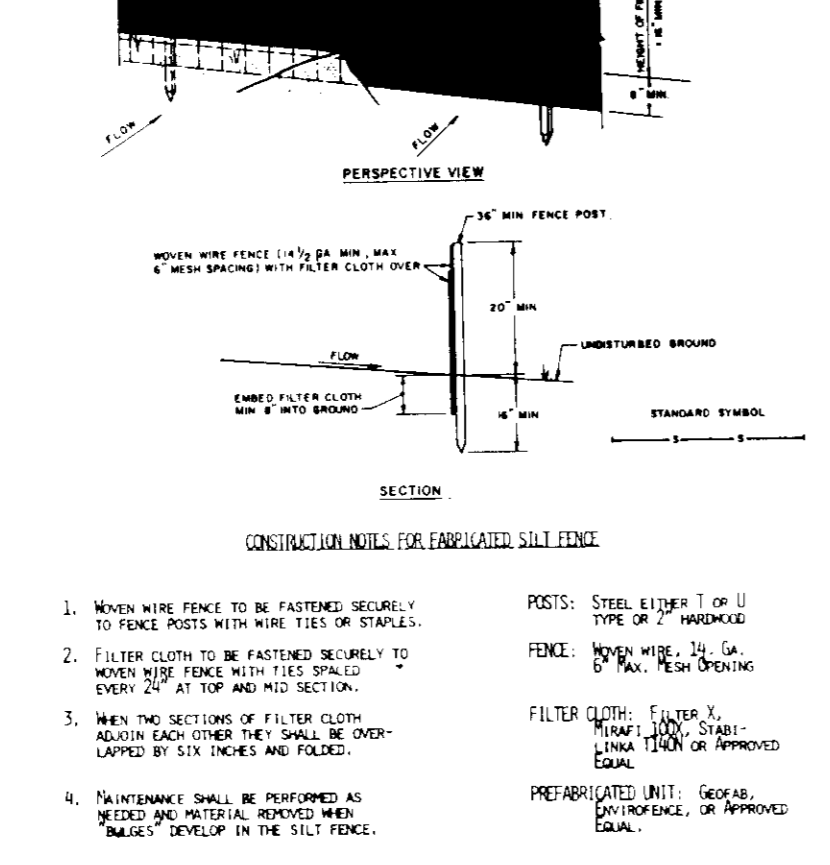
REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.



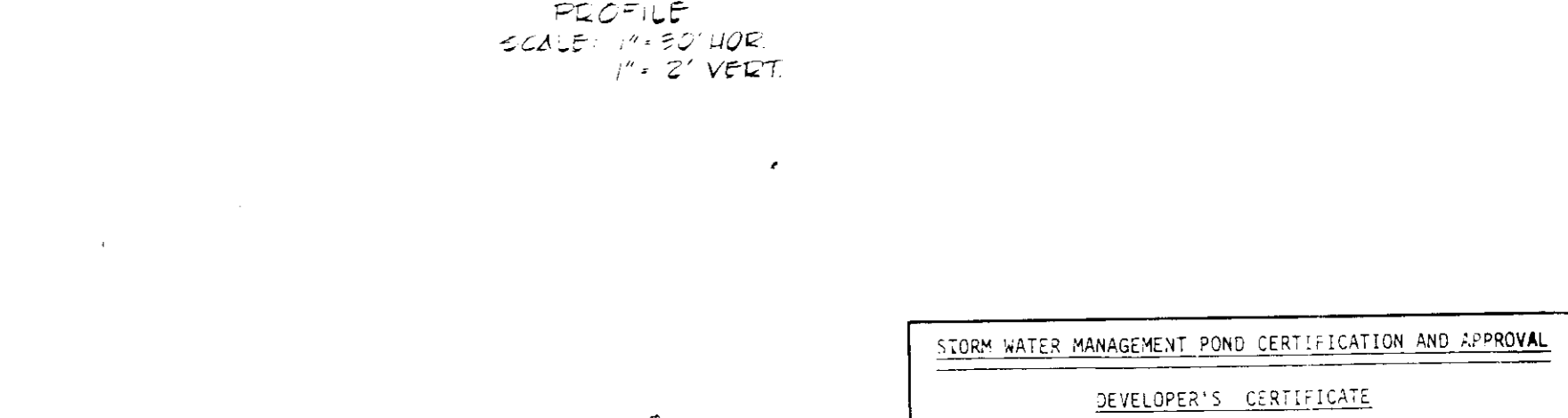
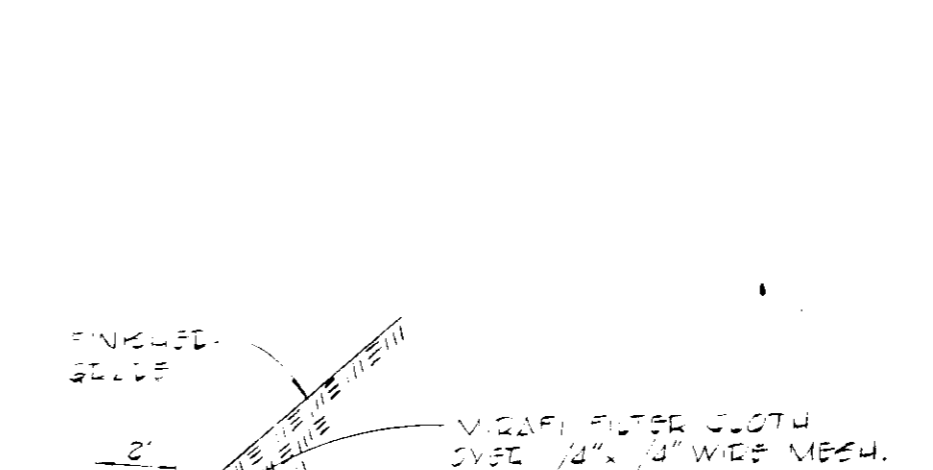
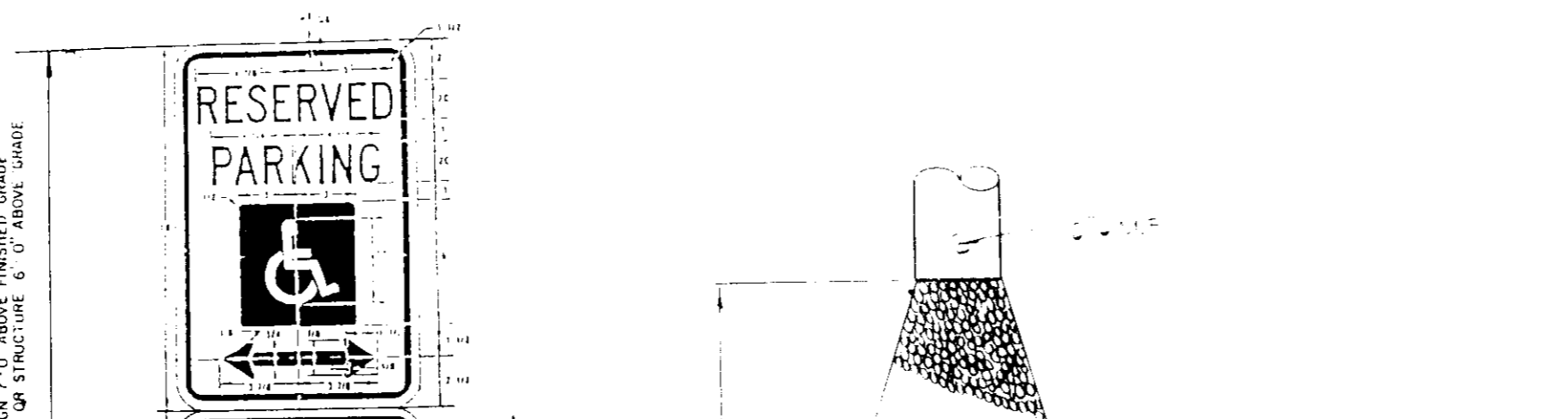
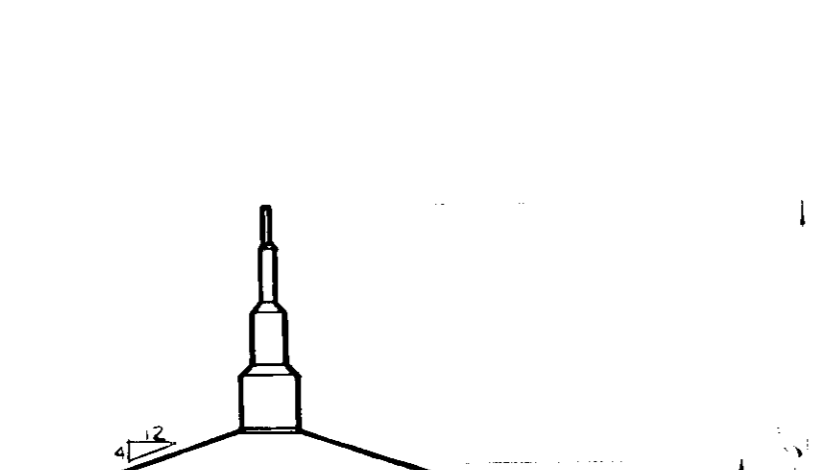
SEDIMENT CONTROL NOTES:

- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (992-2437).
- 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 REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 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 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. 51) SOD (SEC. 54), TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER SEEDING AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:

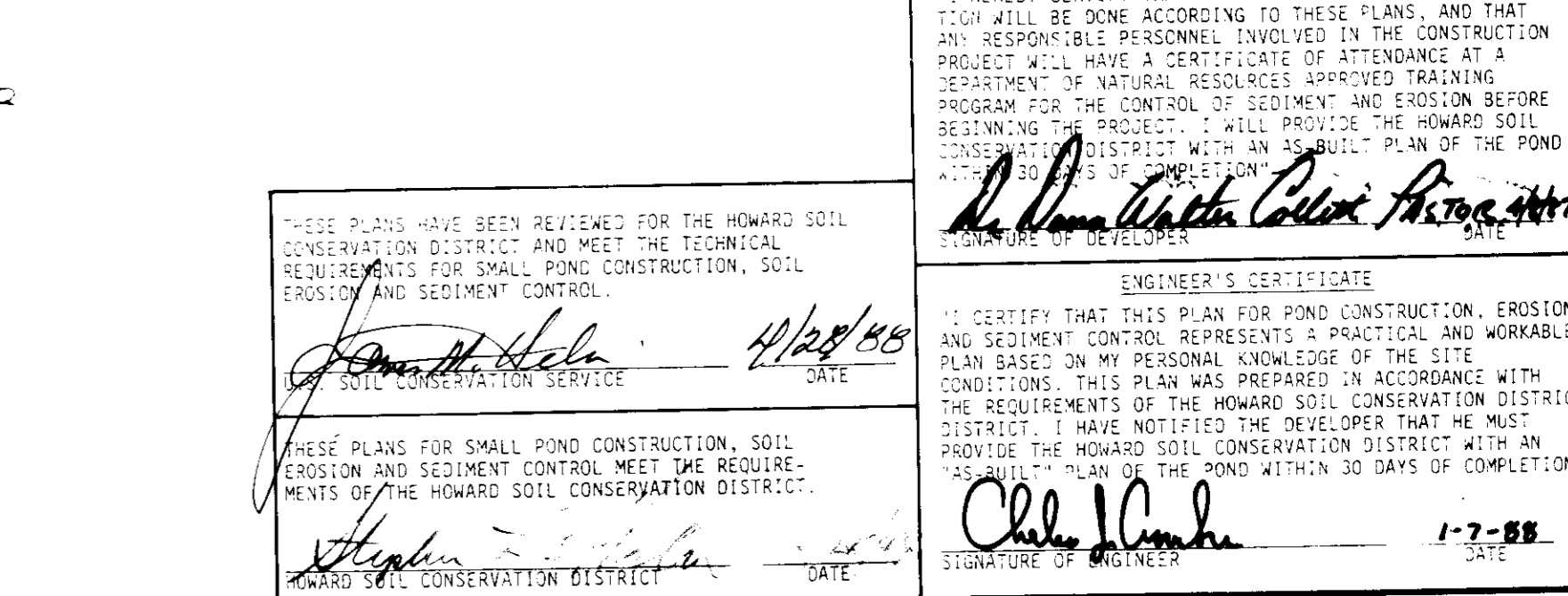
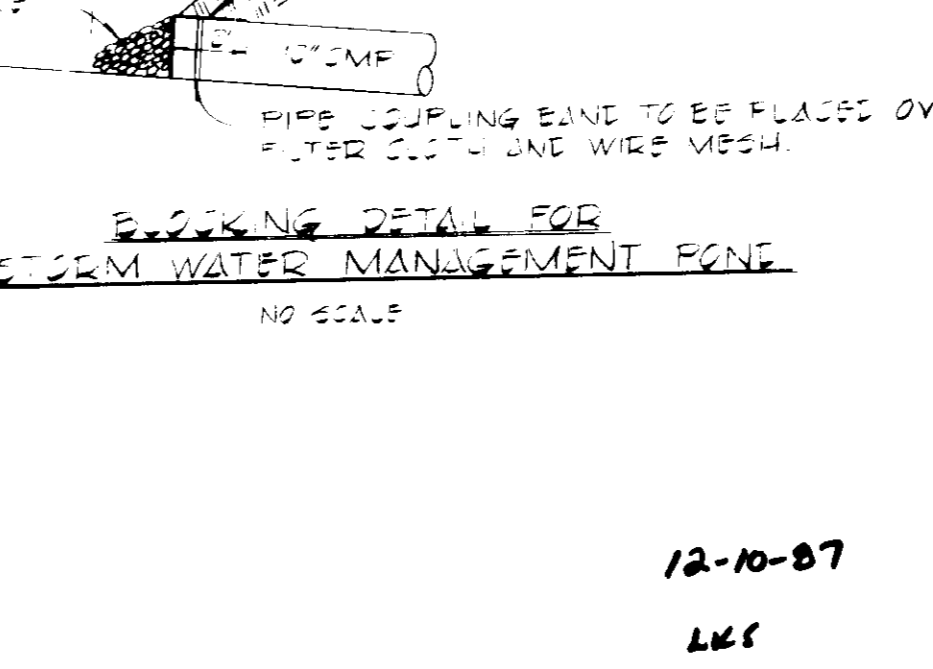
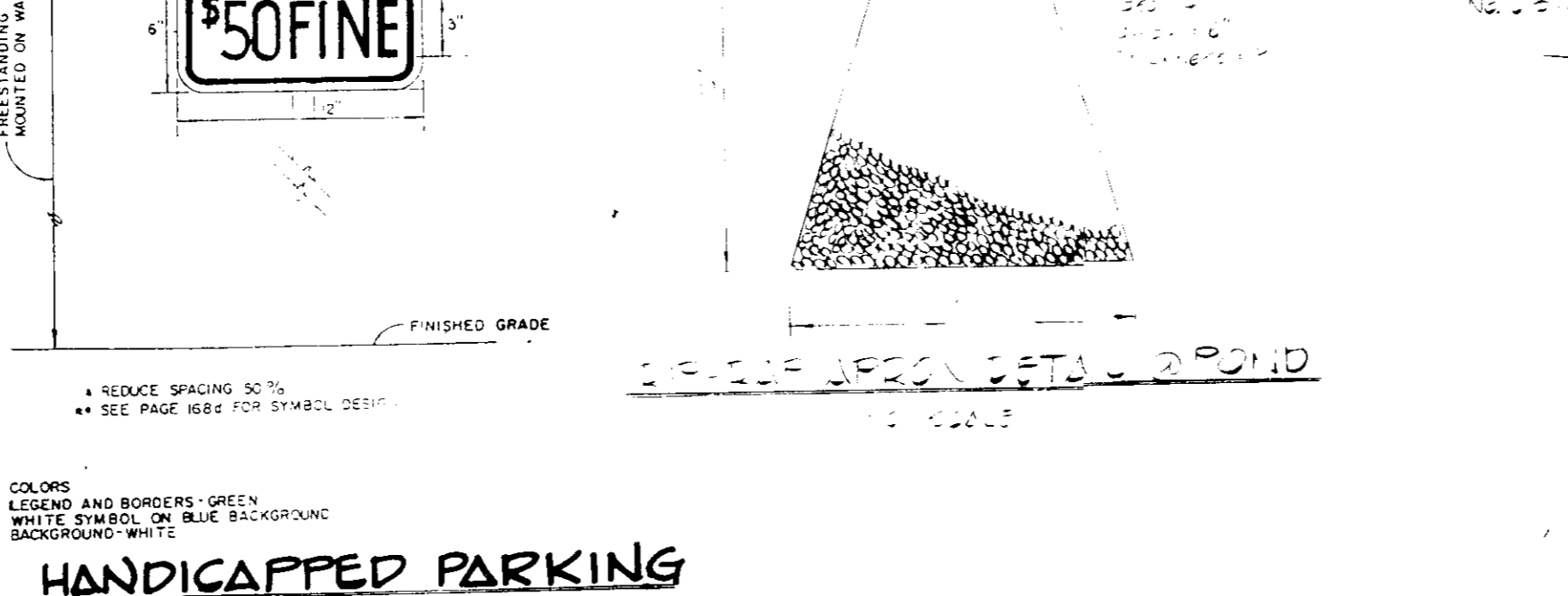
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|------------------------------------|-----------------|
| TOTAL AREA OF SITE | 9.945 ACRES |
| AREA TO BE ROOFED OR PAVED | 2.146 ACRES |
| AREA TO BE VEGETATIVELY STABILIZED | 7.799 ACRES |
| TOTAL CUT | 12.557 CU. YDS. |
| TOTAL FILL | 10.000 CU. YDS. |
- 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 SEDIMENT CONTROL INSPECTOR.



OWNER AND DEVELOPER
COVENANT BAPTIST CHURCH
3901 CEDAR FERN COURT
COLUMBIA, MD 21044



| LOT NO. | STREET ADDRESS |
|---------|-----------------------|
| 1 | 3901 CEDAR FERN COURT |



ENGINEER'S CERTIFICATE

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

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVENUE
ELLICOTT CITY, MARYLAND 21043
(301) 461-2855

DEVELOPER'S CERTIFICATE

I/WE 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 INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

COVENANT BAPTIST CHURCH
3901 CEDAR FERN COURT
COLUMBIA, MD 21044

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

APPROVED OFFICE OF PLANNING AND ZONING

APPROVED DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

APPROVED HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS

PROPERTY/SUBDIVISION
COVENANT BAPTIST CHURCH

SECTION/AREA
-

PARCEL/LOT NO.
21

PLAT NO./L.F.
227

BLOCK NO.
11

ZONE
R2C

TAX/ZONE
270

ELEC. DIST.
270

CENSUS TR.
6022.01

WATER CODE
206

SEWER CODE
6591000

NOTES AND DETAILS

COVENANT BAPTIST CHURCH

5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE AS SHOWN
JULY 16, 1987
SHEET 2 of 4

STORM WATER MANAGEMENT POND CERTIFICATION AND APPROVAL

DEVELOPER'S CERTIFICATE

I HEREBY 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 WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN AS-BUILT PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION.

ENGINEER'S CERTIFICATE

I CERTIFY THAT THIS PLAN FOR POND CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. I HAVE NOTIFIED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION.

SITE PREPARATION

Area under the embankment and structural works shall be cleared, grubbed and the topsoil stripped to remove all trees, vegetation, roots or other objectionable material. To facilitate clean out and restoration, it is recommended that the permanent pool area be cleared of all brush and trees.

FILL MATERIALS

The fill material shall be taken from approved designated borrow area or areas. It shall be free from roots, stumps, wind-blown debris, over-size stones, frozen or other objectionable materials. The embankment shall be constructed to an elevation which provides for anticipated settlement to the design elevation. The fill height all along the length of the embankment shall be increased at least 10 percent above the design elevation (including free board) unless otherwise shown on the plans. All fill material shall be CL or ML as approved by Soils Engineer.

Placement

Area on which fill is to be placed shall be scarified prior to placement of fill. Fill materials shall be placed in 8 inch maximum 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 portions of the embankment.

Core Trench

Where specified, a core trench shall be excavated along or parallel to the centerline of the embankment, as shown on the plans. The bottom width of the trench shall be governed by the equipment used for excavation, with the minimum width being 4 feet. The depth shall be at least 4 feet or as shown on the plans. The side slopes of the trench shall be 1:1 or flatter. The backfill material for the core trench shall be the most impervious material available and shall be compacted with equipment or rollers to assure maximum density and minimum permeability. Compact to 95% of AASHTO T-99 density. Materials shall be CL or ML as approved by Soils Engineer.

III. 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 inches in thickness and compacted by hand tampers or other compaction equipment. The material needs to fill completely all spaces under and adjacent to the pipe. At no time during the backfilling operation shall driven equipment be allowed to operate closer than 4 feet to any part of a structure. Under no circumstances shall the contractor drive equipment over any part of a structure or pipe unless there is a compacted fill or 2 feet or greater over the structure or pipe.

IV. PIPE CONDUITS

A. CORRUGATED METAL PIPE

1. Materials - Metal Pipe - This pipe and its appurtenances shall conform to the requirements of AASHTO Specification M-196 or M-211, with watertight coupling bands.
2. Connections - All connections with pipes must be completely watertight. The drain pipe or barrel connection to the control structure shall be mortared all around. Watertight coupling bands shall be used at all joints. Anti-seep collars shall be connected to the pipe in such a manner as to be completely watertight.
3. Bedding - The pipe shall be firmly and uniformly bedded throughout its entire length. Where rock or soft, spongy or other unstable soil is encountered, all such material shall be removed and replaced with suitable earth compacted to provide adequate support.
4. Laying pipe - The pipe shall be placed with inside circumferential laps pointing downstream and with the longitudinal laps at the sides.
5. Backfilling shall conform to structural backfill as shown above.
6. Other details (anti-seep collars, valves, etc.) shall be as shown on the drawings.

V. CONCRETE

Concrete shall meet minimum requirements set forth in Maryland State Highway Administration Specifications for Materials, Highways, Bridges, and Incidental Structures, Article 20.07 (Portland Cement Concrete Mixtures), Mix No. 3.

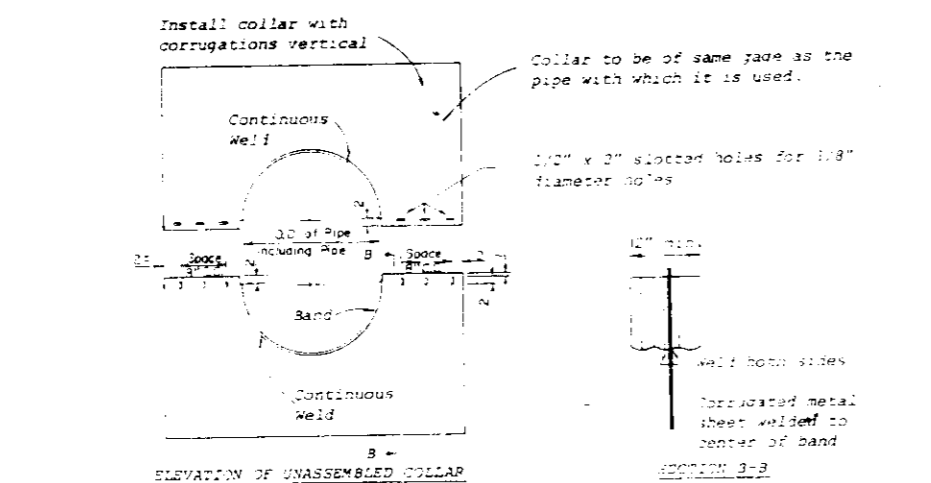
VI. STABILIZATION

All borrow areas shall be graded to provide proper drainage and left in a slightly condition. All exposed surfaces of the embankment, soilway and borrow areas shall be stabilized by permanent seeding and applying straw mulch in accordance with Standards and Specifications for Soil Erosion and Sediment Control in Urbanizing Areas immediately after final grading.

| | | |
|-------------------|-----------------------|--------------------------|
| Fertilizer: | 10-10-10 | @ 11.5 lbs./1000 sq. ft. |
| Seed: | Crownvetch inoculated | @ 0.5 lbs./1000 sq. ft. |
| | "K-31" Tall Fescue | @ 1.5 lbs./1000 sq. ft. |
| Mulch: | Straw | @ 80 lbs./1000 sq. ft. |
| Asphalt Tie-down: | Slopes | @ 8 gal./1000 sq. ft. |
| | Flat areas | @ 5 gal./1000 sq. ft. |

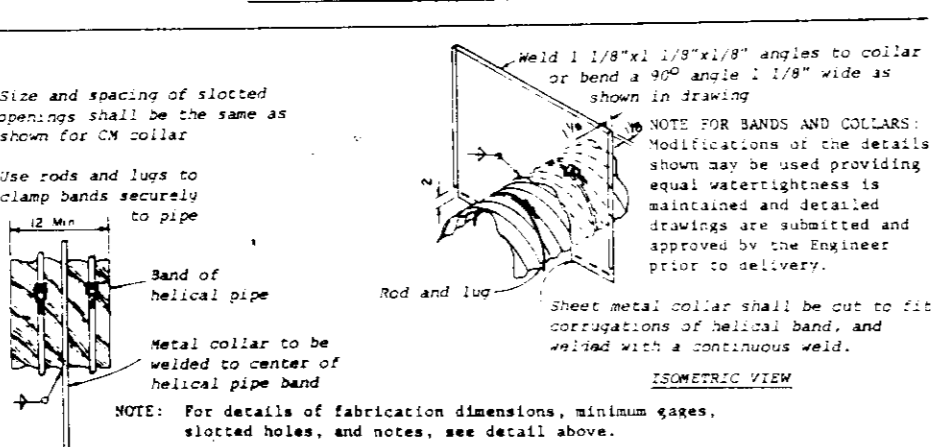
VII. FENCING

A 3" chain-link fence shall be constructed in the location specified on the plan. Materials and construction shall be in accordance with Maryland State Highway Administration Standard Details 690.01 and 690.02.



- NOTES FOR COLLARS:**
1. All materials to be in accordance with construction and construction material specifications.
 2. When specified on the plans, coating of collars shall be in accordance with construction and construction material specifications.
 3. Unseamed collars shall be marked by painting or chalking to identify matching pairs.
 4. The lap between the two half sections and between the pipe and connecting band shall be caulked with approved material at time of installation.
 5. Each collar shall be furnished with two 1/2" diameter rods with standard tap-ends for connecting collars to pipe.

DETAILS OF CORRUGATED METAL ANTI-SEEP COLLAR



- NOTE FOR BANDS AND COLLARS:** Specifications of the details shown may be used providing equal watertightness is maintained and detailed drawings are submitted and approved by the Engineer prior to delivery.
- NOTE:** Two other types of anti-seep collars are:
1. Corrugated metal, similar to upper detail, except when welded to a short (6 ft.) section of the pipe and connected with connecting bands to the pipe.
 2. Concrete, six inches thick formed around the pipe with #3 rebar spaced 12" horizontally and vertically.

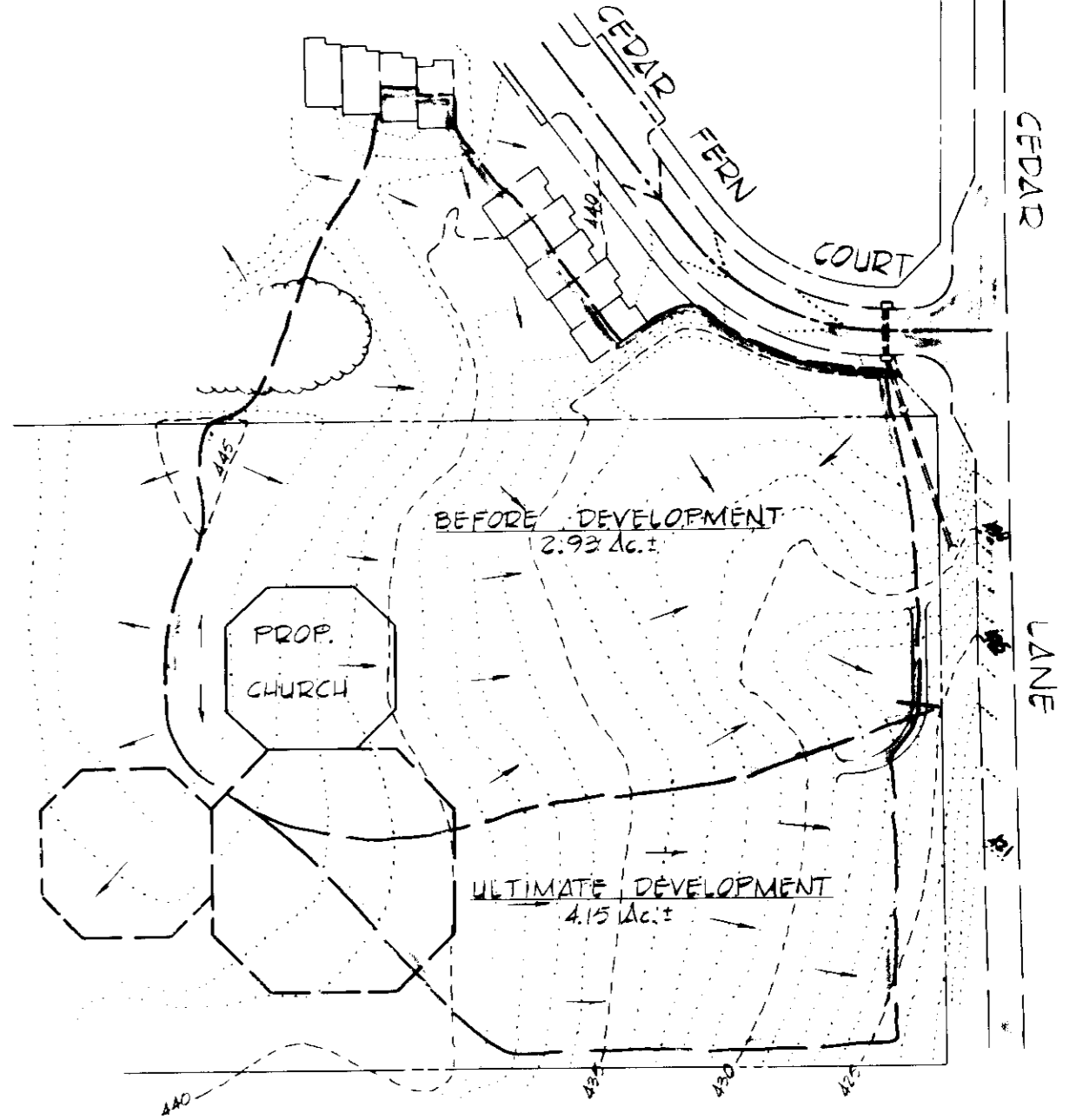
PARTIAL ELEVATION

Ref: Engr. Field Manual

OWNER AND DEVELOPER

COVENANT BAPTIST CHURCH
5960 CEDAR LANE
COLUMBIA, MD 21044

| LOT NO | STREET ADDRESS |
|--------|-----------------------|
| | ADDRESS CHART |
| 1 | 5901 CEDAR FERN COURT |



DRAINAGE AREA MAP
SCALE: 1"=100'

12-10-87
LKS

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVENUE
ELLCOTT CITY, MARYLAND 21043
(301) 461-2855

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Charles J. Fisher
SIGNATURE OF ENGINEER
12/10/87
DATE

DEVELOPER'S CERTIFICATE
"I/WE 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 (ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY"

Donna White Collett Foster
SIGNATURE OF DEVELOPER
4-9-87
DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

James McNeil 4/28/88
SOIL CONSERVATION SERVICE DATE

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

APPROVED: OFFICE OF PLANNING AND ZONING

James McNeil 5/10/88
PLANNING DIRECTOR DATE

James McNeil 5/10/88
PLANNING AND LAND DEVELOPMENT DATE

APPROVED HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS

John Zulu 5-16-87
HEALTH OFFICER DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

James McNeil 5/10/88
DIRECTOR, PUBLIC WORKS DATE

James McNeil 5-16-88
CHIEF, BUREAU OF ENGINEERING DATE

| | | |
|-------------------------|--------------|---------------|
| PROPERTY/SUBDIVISION | SECTION/AREA | PARCEL/LOT NO |
| COVENANT BAPTIST CHURCH | | LOT 1 |
| PLAT NO./LF | BLOCK NO | ZONE TAX/ZONE |
| 7027 | 11 | RSC 35 |
| WATER CODE | ELEC. DIST | CENSUS TR |
| 008 | 5TH | 8033.01 |
| SEWER CODE | | |
| 008 | | 0591000 |

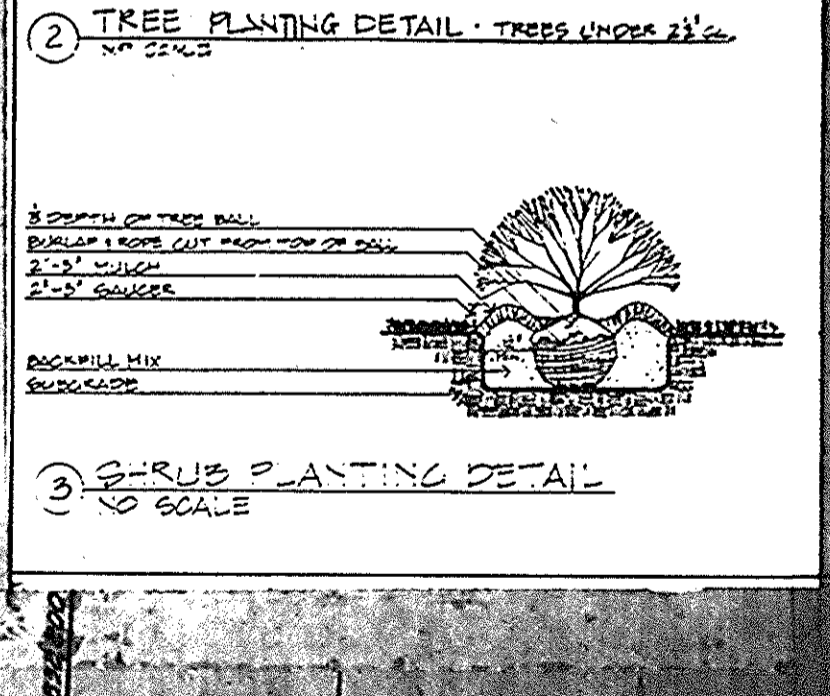
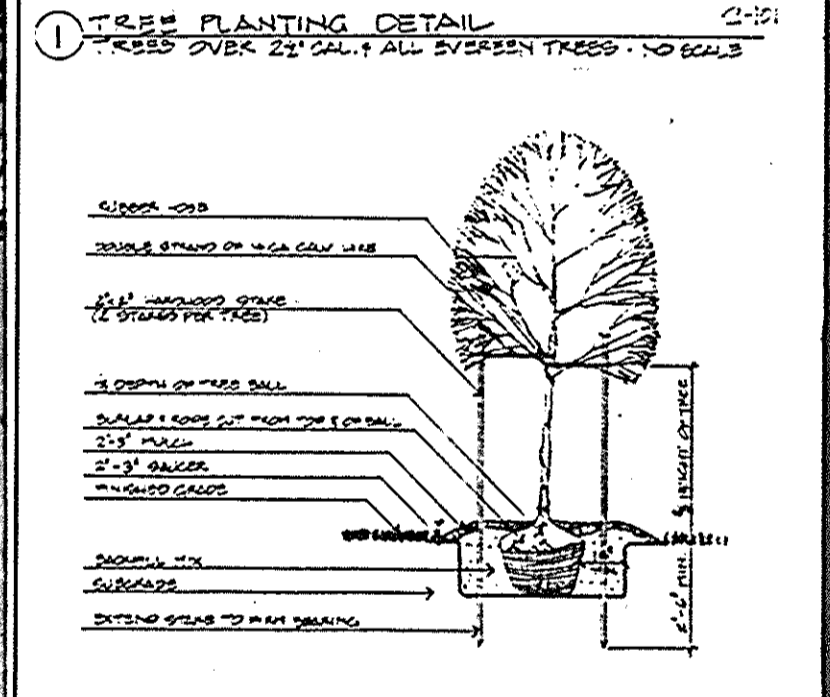
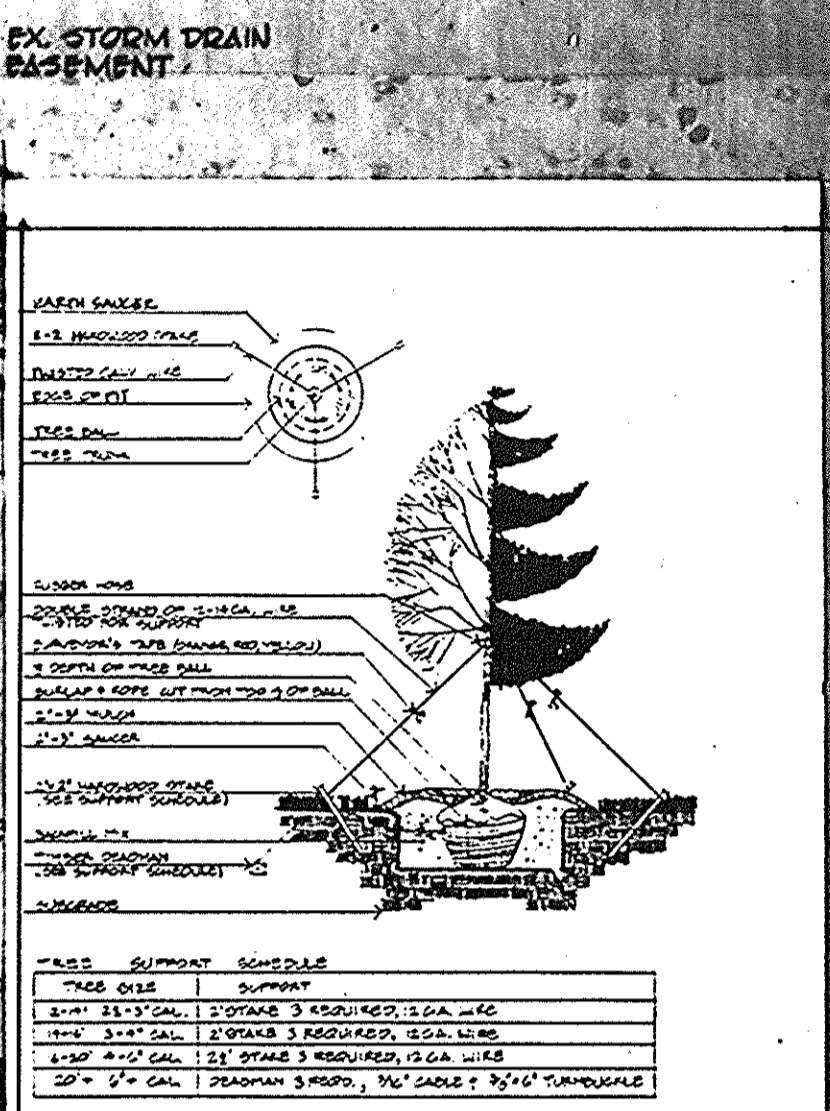
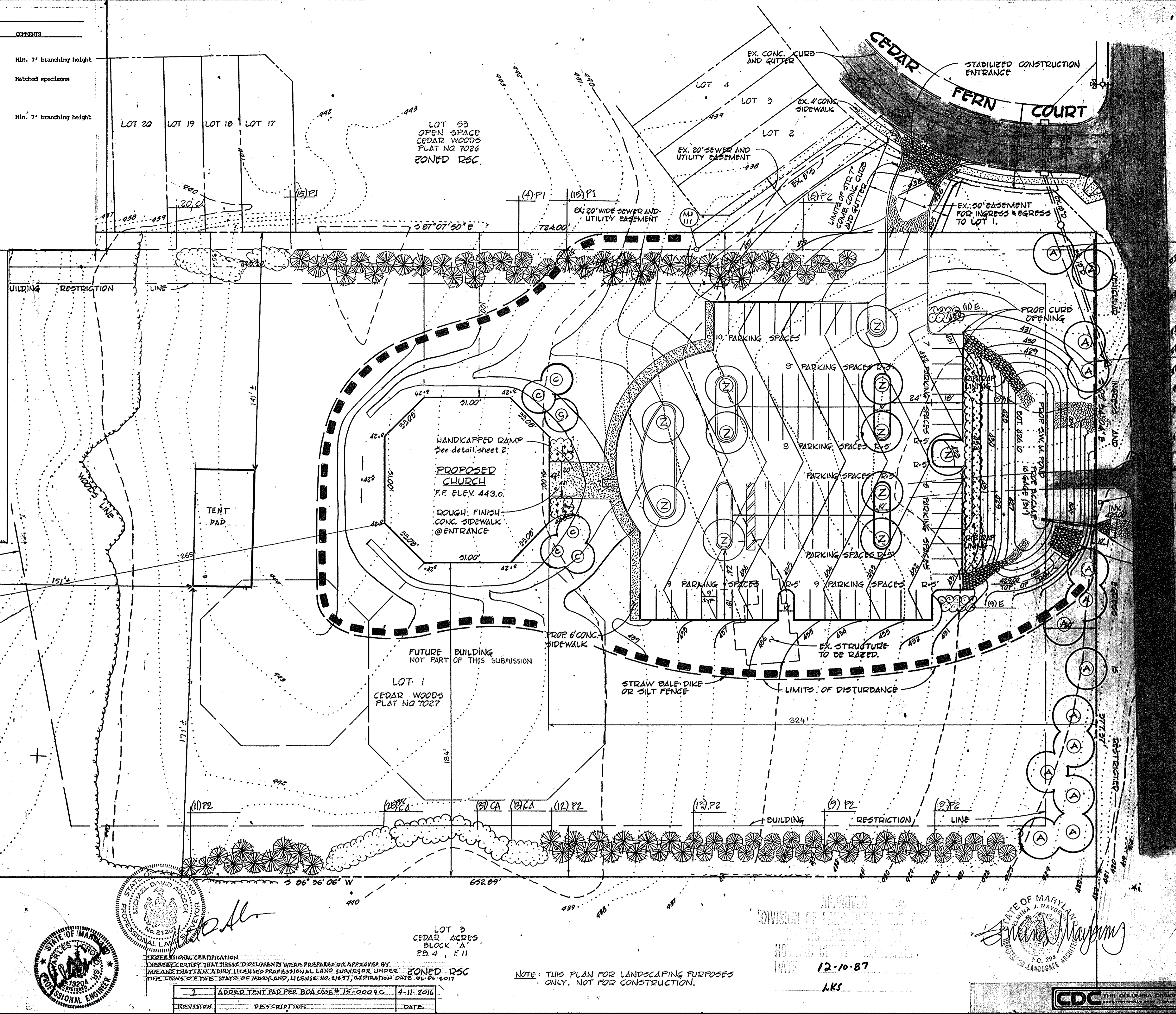
DRAINAGE AREA MAP AND DETAILS
COVENANT BAPTIST CHURCH
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN JULY 16, 1987
SHEET 3 of 4

PLANT LIST

| KEY | QUANTITY | BOTANICAL COMMON NAME | SIZE | ROOT | COMMENTS |
|---------------|----------|---|-----------------|-------|--------------------------|
| TREES | | | | | |
| A | 14 | Acer rubrum 'October Glory' / October Glory Red Maple | 2-1/2"-3" cal. | EB | Min. 7' branching height |
| C | 6 | Cornus florida / Flowering Dogwood | 1-1/2"-2" cal. | EB | Hatched specimens |
| P1 | 15 | Pinus strobus / White Pine | 6'-8" ht. | EB | |
| P2 | 32 | Pinus strobus / White Pine | 4'-5" ht. | EB | |
| Z | 15 | Zelkova serrata 'Village Green' / Village Green Zelkova | 2-1/2"-3" cal. | EB | Min. 7' branching height |
| SHRUBS | | | | | |
| CA | 37 | Clethra alnifolia / Sweetgum Clethra | 2 - 2-1/2" ht. | EB/OD | |
| E | 112 | Excoecyru alatus / Burning Bush | 2-1/2" - 3" ht. | EB | |
| DC | 18 | Excoecyru alatus 'Compacta' / Dwarf Burning Bush | 2 - 2-1/2" ht. | EB/OD | |
| F | 65 | Forseythia caespitosa / Weeping Forsythia | 2 - 2-1/2" ht. | EB/OD | |
| V | 20 | Viburnum plicatum 'Strawfield' / Doublefile Viburnum | 2 - 2-1/2" ht. | EB/OD | |

HOWARD CO. PLANTING REQUIREMENTS

- Required: 20' wide landscaped edge on all external property lines of the district, planted with at least 2-1/2" cal. trees at an average of 30' O.C. and a 3' high landscaped earth mound.
 Provided: West property line - 50' to 150' wide existing wooded area to remain undisturbed.
 East property line (R.O.W.) - 80' wide landscaped edge planted with fourteen 2-1/2" cal. trees and 3' high earth mound with shrubs.
- Required: 15' landscaped area between parking area and front of building.
 Provided: Minimum 20' wide landscaped area provided between parking and building.
- Required: 10' wide landscaped island for each parking area with 9 spaces continuous.
 Provided: 10' wide landscaped island for each parking area with 9 spaces continuous. Fifteen trees provided.
- Required (by Zoning Board of Appeals Decision and Order for BA Case No. 85-03E):
 Screen proposed parking areas by planting evergreens and deciduous trees along the south and north property lines without affecting visibility of those attempting to exit the site.
 Provided: Screen of evergreen trees and deciduous trees along north and south property lines.



COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 3, AREA 2 PLAT NO. 6721 ZONED RT (S.F.M.D)

OWNER AND DEVELOPER
 COVENANT BAPTIST CHURCH
 270 WEST COLUMBIA, INC.
 6580 CEDAR LANE
 COLUMBIA, MARYLAND 21046
 992-1077

| LOT NO. | STREET ADDRESS |
|---------|-----------------------|
| 1 | 2901 CEDAR FERN COURT |



PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A duly LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE TERMS OF THE STATE OF MARYLAND LICENSE NO. 11877, EXPIRATION DATE 01-01-2017

APPROVED TENT PAD PER BOA CASE # 15-0009C 4-11-2016

NOTE: THIS PLAN FOR LANDSCAPING PURPOSES ONLY. NOT FOR CONSTRUCTION.

APPROVED
 DIVISION OF PLANNING AND ZONING
 HONORABLE CHIEF, PLANNING AND ZONING
 DATE: 12-10-87
 A.K.S.

STATE OF MARYLAND
 DEPARTMENT OF PUBLIC WORKS
 HONORABLE CHIEF, BUREAU OF STORM DRAINAGE
 DATE: 5/16/88



FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 6666 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043
 (301) 461-2838

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

11/98 DATE

DEVELOPER'S CERTIFICATE
 I/WE 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 INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

12/16/87 DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
 James M. Helms 4/28/88 DATE
 U.S. SOIL CONSERVATION SERVICE (411)

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED:
 Stephen L. Spahr 4/28/88 DATE
 HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING
 Planning Director: Howard Keith 5/18/88 DATE
 Chief, Division of Community Planning and Land Development: Howard Keith 5/18/88 DATE
 A.K.S.

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS
 Health Officer: Joan Fox 5-14-88 DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
 Director, Public Works: James M. Helms 5/16/88 DATE
 Chief, Bureau of Storm Drainage: William B. Rouse 5-1-88 DATE

PROPERTY: COVENANT BAPTIST CHURCH SECTION/AREA: LOT 1 LOT NO.: 1
 PLAT NO.: 7027 BLOCK NO.: 11 ZONE: 250 TAX/ZONE: 250 ELEC. DIST.: 5 CENSUS TR.: 6055.01
 WATER CODE: J00 SEWER CODE: 6591000

LANDSCAPING PLAN
 COVENANT BAPTIST CHURCH
 15TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50' JULY 16, 1987
 SHEET 1 OF 1