

- GENERAL NOTES**
- TOTAL AREA OF PROPERTY - 5.06 AC.±.
 - PRESENT ZONING - "R" (RURAL).
 - PROPERTY IS LOCATED ON TAX MAP NO. 9 AS PARCEL NO. 178.
 - LOCAL COMMUNITY - SYKESVILLE.
 - PROPOSED USE - RELIGIOUS FACILITY.
 - SITE DATA:
 - TOTAL AREA OF BUILDING - 4,664 S.F. OR 0.11 AC.± (2.22 BUILDING COVERAGE)
 - TOTAL NUMBER OF PARKING SPACES REQUIRED:
 - TOTAL AREA OF ASSEMBLY SPACE OCCUPIED AT ONE TIME - 2,400 S.F.
 - 2,400 S.F. / ONE SPACE PER 100 S.F. = 24 SPACES.
 - TOTAL NUMBER OF FIXED SEATS - 144
 - 144 / ONE SPACE PER 3 SEATS = 48 SPACES.
 - TOTAL NUMBER OF PARKING SPACES PROVIDED - 48 SPACES
 - STANDARD SPACES (9'x18') - 45
 - HANDICAPPED SPACES - 3
 - OPEN SPACE (GREEN AREA) - 4.30 AC.± (852)
 - MAX. BUILDING HEIGHT - 34 FEET.
 - 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 "DESIGN OF BARRIER FREE FACILITIES" AND THE "MARYLAND BUILDING CODE FOR THE HANDICAPPED AND AGED".
 - EXISTING UTILITIES SHOWN HEREON HAVE BEEN LOCATED FROM FIELD AND OFFICE INFORMATION. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES TO HIS OWN SATISFACTION BEFORE MAKING ANY CONNECTION THEREON OR EXCAVATING IN THE AREA THEREOF.
 - SEE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS.
 - ALL LIGHTING WILL BE WALL MOUNTED (SECURITY LIGHTS ONLY) AND DIRECTED DOWNWARD AND INWARD FROM ALL ADJACENT PROPERTIES.
 - PROPERTY SUBJECT TO BALCASE-86-87-BE. GRADING, THE REMOVAL OF VEGETATION AND CONSTRUCTION ARE PROHIBITED WITHIN THE WETLANDS BUFFER.

- SEPTIC SYSTEM DESIGN DATA:**
- INV. @ WALL: ELEV. - 95.00
 - 1,500 GALLON SEPTIC TANK PROVIDE CLEANOUT TO FINISHED GRADE
 - FINISHED GRADE OVER 1 IN. ELEV. - 94.50
 - EXISTING GRADE OVER TANK: ELEV. - 94.50
 - INV. IN - 90.50
 - INV. OUT - 90.40
 - DISTRIBUTION BOX PROVIDE CLEANOUT TO FINISHED GRADE
 - FINISHED GRADE OVER BOX: ELEV. - 96.50
 - EXISTING GRADE OVER BOX: ELEV. - 96.50
 - INV. IN - 88.78
 - INV. OUT - 88.68
 - TRENCHES:
 - INV. OF 4" PERF. SANITARY PIPE - 95.50
 - BOTTOM OF TRENCH - 92.00
 - INV. OF 4" PERF. SANITARY PIPE - 93.00
 - BOTTOM OF TRENCH - 91.50
 - INV. OF 4" PERF. SANITARY PIPE - 92.00
 - BOTTOM OF TRENCH - 90.50
 - INV. OF 4" PERF. SANITARY PIPE - 91.50
 - BOTTOM OF TRENCH - 91.00
 - INV. OF 4" PERF. SANITARY PIPE - 91.00
 - BOTTOM OF TRENCH - 89.50
 - 144 SEATS X 5 GAL./DAY/SEAT = 720 MAXIMUM SEWAGE DESIGN FLOW ALLOCATION.
 - 240' OF TRENCH 3' WIDE WITH 1/2" - 2" GRAVEL
- THIS AREA IS DESIGNATED AS A PRIVATE SEWAGE TREATMENT PLANT AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT. FOR INDIVIDUAL SEWAGE DISPOSAL, IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNLESS PUBLIC SEWAGE IS AVAILABLE. THESE IMPROVEMENTS SHALL BECOME FINAL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENDOCHMENTS INTO THE PRIVATE SEWAGE TREATMENT. RECORDATION OF A MODIFIED SEWAGE TREATMENT SHALL NOT BE NECESSARY. THE SIZE OF THE SEWAGE DISPOSAL AREA IS 13,775 SQUARE FEET.
- PLACE A WATER METER ON INCOMING LINE TO BUILDING.

LOT NO.	STREET ADDRESS
PARCEL 178	1941 MARYLAND ROUTE 32

APPROVED
COMMUNITY PLANNING & ZONING
DATE: _____

/// DENOTES S.H.A. PAVING SECTION
NOTE: ALL DISTURBED OR NEW PAVING REQUIRED WITHIN S.H.A. RIGHT OF WAY SHALL BE PLACED AS FOLLOWS:
3" (NORMAL) BITUMINOUS CONCRETE SURFACE (2-1/4 COURSES) ON:
4" (NORMAL) BITUMINOUS CONCRETE BASE ON 6" GRADED AGGREGATE BASE, OR 7" BANK RUN GRAVEL BASE.
FOR CURB WITHIN S.H.A. USE TYPE 'A' CONC. CURB & GUTTER
ALL WORK ON MD. RTE 32 SHALL BE DONE IN ACCORDANCE WITH S.H.A. REQUIREMENTS.



FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVENUE
ELLCOTT 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.

DATE: 12/1/89

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."

DATE: 12-8-89

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
DATE: 1/4/90

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED: _____ DATE: 1/4/90

APPROVED: DEPARTMENT OF PLANNING AND ZONING
PLANNING DIRECTOR: _____ DATE: 2-15-90
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT
DATE: 2/5/90

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PRIVATE WATER AND SEWERAGE SYSTEMS
HEALTH OFFICER: _____ DATE: 1-19-90

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
DIRECTOR: _____ DATE: 1/25/90
CHIEF, BUREAU OF ENGINEERING
DATE: 1-25-90

PROPERTY/SUBDIVISION: LIBERTY BAPTIST CHURCH, INC.
SECTION/AREA: _____
PARCEL/LOT NO.: R 178
PLAT NO./L.F.: 1547/295
BLOCK NO.: 11-17
ZONE: R
TAX/ZONE: 9
ELEC. DIST.: 3
CENSUS TR.: 6030
WATER CODE: _____
SEWER CODE: _____

SITE DEVELOPMENT PLAN
SYKESVILLE BAPTIST CHAPEL
TAX MAP 9 PARCEL 178
3rd ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
JANUARY 13, 1989
SCALE: 1"=30' 1 of 4
AS-BUILT SDF-89-161

MANAGEMENT POND NOTES

- SITE PREPARATION**
Areas under the embankment and structural works shall be cleared, grubbed and the topsoil stripped to remove all stumps, 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.
- EARTH FILL MATERIAL**
The fill material shall be taken from approved designated borrow areas or areas. It shall be free from roots, stumps, wood, rubbish, over-size stones, frozen or other objectionable material. The embankment shall be constructed to an elevation which provides for anticipated settlement to the design elevation. The embankment shall be placed in 4-foot lifts. 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. Contact to 95% of ASTM D 1557 density. Materials shall be CL or ML as approved by Soil Engineer.
- 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 of 2 feet or greater over the structure or pipe.
- PIPE CONDUITS**
 - CONCRETE METAL PIPE**
1. Materials - Metal Pipe - This pipe and its appurtenances shall conform to the requirements of ASTM Specification M-180 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 circumference laps pointing downstream and with the longitudinal laps at the sides.
5. Backfilling shall conform to structural as shown above.
6. Other details (anti-seep collars, valves, etc.) shall be as shown on the drawings.
 - CONCRETE**
Concrete shall meet minimum requirements set forth in Maryland State Highway Administration Specifications for Materials, Highways, Bridges, and Incidental Structures, Article 01.07 (Portland Cement Concrete Mixtures), Mix No. 3.
 - STABILIZATION**
All borrow areas shall be graded to provide proper drainage and left in a slightly condition. All exposed surfaces of the embankment, spillway and borrow areas shall be stabilized by permanent seeding and applying straw mulch in accordance with the requirements and Specifications for Soil Erosion and Sediment Control in Urbanizing Areas immediately after finish grading.
Fertilizer: 10-10-10 @ 11.5 lbs./1000 sq.ft.
Seed: Cromwetch Inoculated @ 0.5 lbs./1000 sq.ft.
1/2-3/4" Tall Fescue @ 1.5 lbs./1000 sq.ft.
Mulch: 80 lbs./1000 sq.ft.
Asphalt Tint-down: Slates @ 5 gal./1000 sq.ft.
Flat areas @ 5 gal./1000 sq.ft.

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

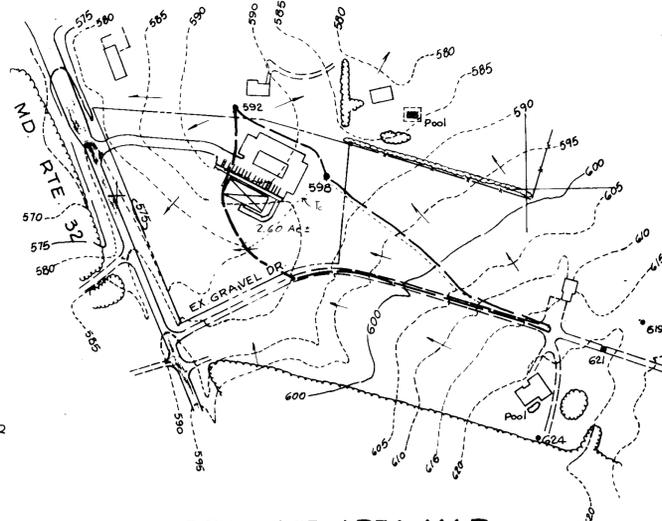
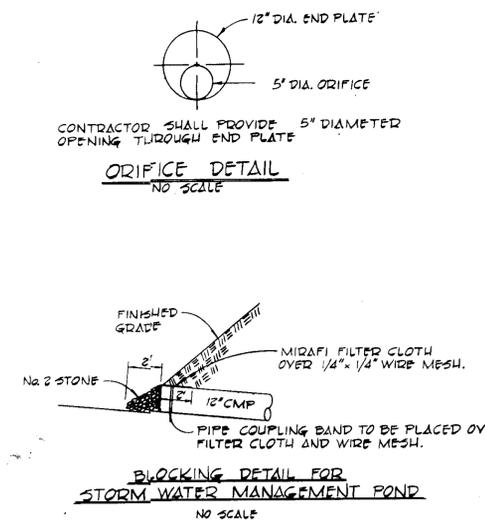
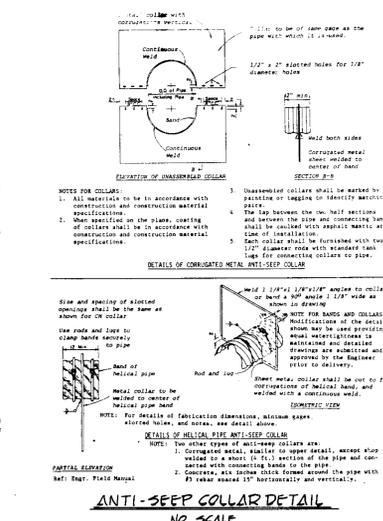
SEEDING PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY BAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED, SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:
1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ.FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE-INCHES OF SOIL.
2) ACCEPTABLE - 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 INTO UPPER THREE-INCHES OF SOIL.

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 80 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, PROJECT 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. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WILL ANCHORED STRAW.
MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 80 LBS/1000 SQ.FT.) OF UNROTTED SMALL STRAW STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GALS/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FT. OR HIGHER, USE 348 GALLONS PER ACRE (8 GALS/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 DISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY BAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED, SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ.FT.).
SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 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, PROJECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE 500.
MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 80 LBS/1000 SQ.FT.) OF UNROTTED SMALL STRAW STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALS PER ACRE (5 GALS/1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FT. OR HIGHER, USE 348 GALS PER ACRE (8 GALS/1000 SQ.FT.) FOR ANCHORING.

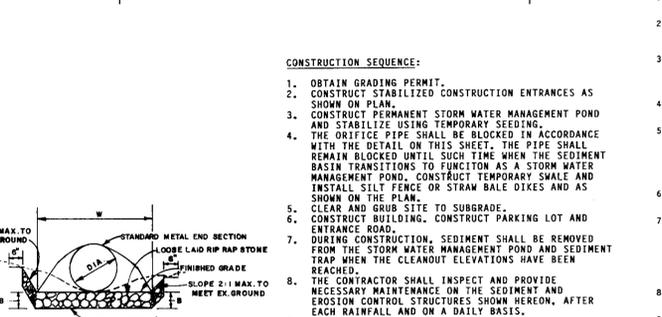
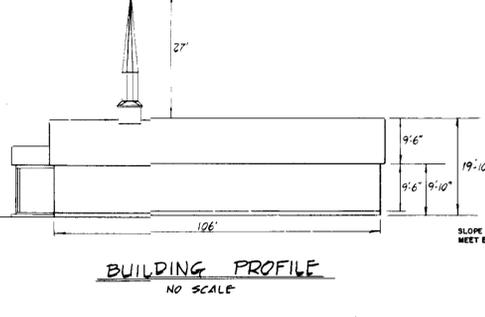
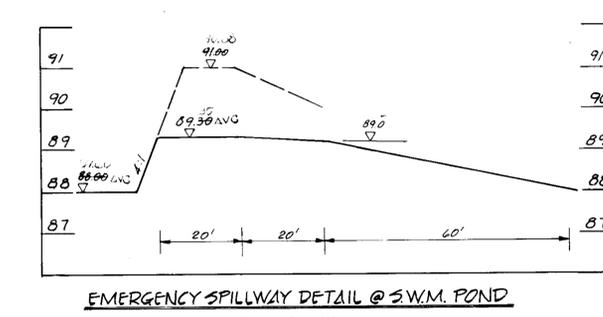
REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.



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

APPROVED: OFFICE OF PLANNING AND ZONING
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT



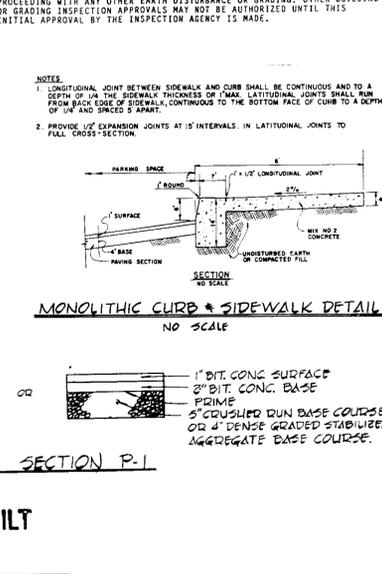
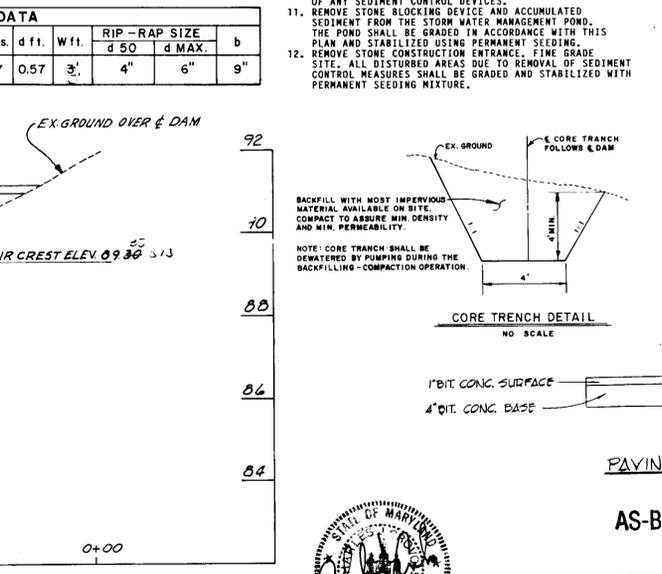
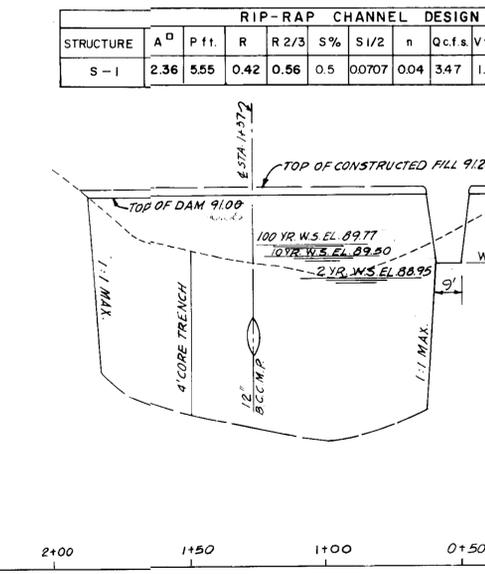
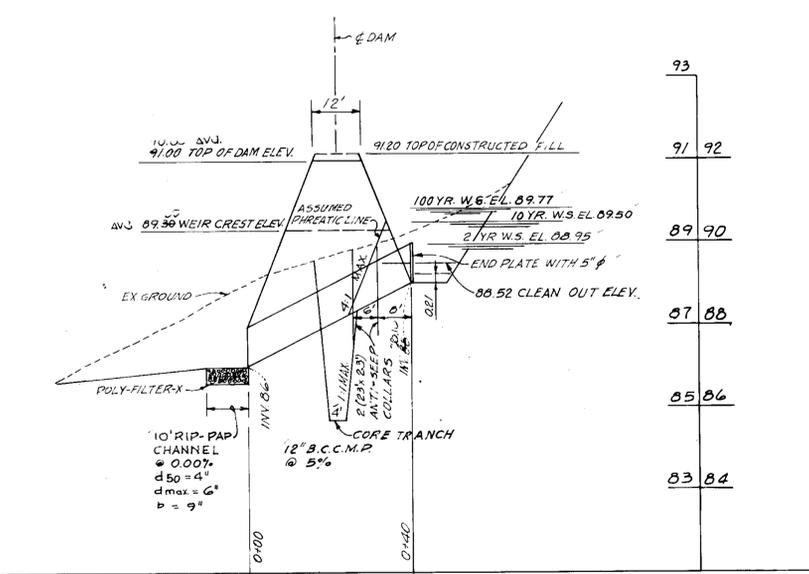
CONSTRUCTION SEQUENCE:

- OBTAIN GRADING PERMIT.
- CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES AS SHOWN ON PLANS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (1992-2437).
- CONSTRUCT PERMANENT STORM WATER MANAGEMENT POND AND STABILIZE USING TEMPORARY SEEDING.
- THE ORIFICE PIPE SHALL BE BLOCKED IN ACCORDANCE WITH THE DETAIL ON THIS SHEET. THE PIPE SHALL REMAIN BLOCKED UNTIL SUCH TIME WHEN THE SEDIMENT BASIN TRANSITIONS TO FUNCTION AS A STORM WATER MANAGEMENT POND. CONSTRUCT TEMPORARY SHALE AND INSTALL SILT FENCE OR STRAW BALE DIKES AND AS SHOWN ON THE PLAN.
- CLEAR AND GRUB SITE TO SUBGRADE.
- CONSTRUCT BUILDING. CONSTRUCT PARKING LOT AND ENTRANCE ROAD.
- DURING CONSTRUCTION, SEDIMENT SHALL BE REMOVED FROM THE STORM WATER MANAGEMENT POND AND SEDIMENT TRAP WHEN THE CLEANOUT ELEVATIONS HAVE BEEN REACHED.
- THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON, AFTER EACH RAINFALL AND ON A DAILY BASIS.
- REMOVE SEDIMENT FROM ROADWAYS AND DRESS STONE CONSTRUCTION ENTRANCE AS REQUIRED.
- PERMANENTLY STABILIZES ALL DISTURBED AREAS WITH PERMANENT SEED AND MULCH MIXTURE PRIOR TO REMOVAL OF ANY SEDIMENT CONTROL DEVICES.
- REMOVE SEDIMENT BLOCKING DEVICES AND ACCUMULATED SEDIMENT FROM THE STORM WATER MANAGEMENT POND, THE AND SHALL BE DONE IN ACCORDANCE WITH THIS PLAN AND STABILIZED USING PERMANENT SEEDING.
- REMOVE STONE CONSTRUCTION ENTRANCE. FINE GRADE SITE. ALL DISTURBED AREAS DUE TO REMOVAL OF SEDIMENT CONTROL MEASURES SHALL BE GRADED AND STABILIZED WITH PERMANENT SEEDING MIXTURE.

NOTES:

- LONGITUDINAL JOINT BETWEEN SIDEWALK AND CURB SHALL BE CONTINUOUS AND TO A DEPTH OF 4 INCHES. THE SIDEWALK THICKNESS OF 4 INCHES. LONGITUDINAL JOINTS SHALL RUN FROM BACK EDGE OF SIDEWALK, CONTINUOUS TO THE BOTTOM FACE OF CURB TO A DEPTH OF 4 INCHES AND SPACED 5 FEET.
- PROVIDE 1/2" EXPANSION JOINTS AT 15' INTERVALS IN LATITUDINAL JOINTS TO FULL CROSS-SECTION.

LOT NO	STREET ADDRESS
PARCEL 178	1291 MARYLAND ROUTE 32



FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVENUE
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APPROVED: OFFICE OF PLANNING AND ZONING
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

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REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
John M. Kelly 1/2/90
SOIL CONSERVATION DISTRICT

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
John L. Robertson 1/2/90
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: DEPARTMENT OF PLANNING AND ZONING
Mark S. Taylor 2/5/90
PLANNING DIRECTOR

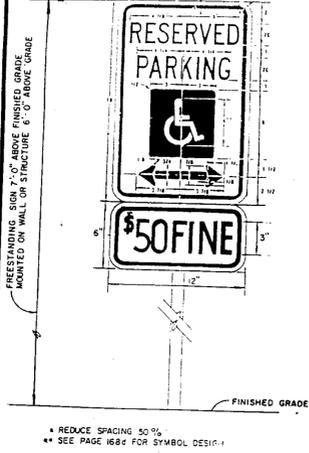
APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PRIVATE WATER AND SEWERAGE SYSTEMS
John P. Pappas 1-15-90
HEALTH OFFICER

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
John O'Hara 1/25/90
DIRECTOR, PUBLIC WORKS

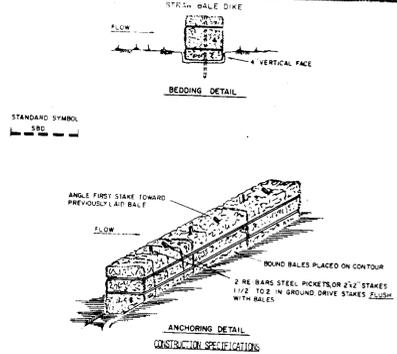
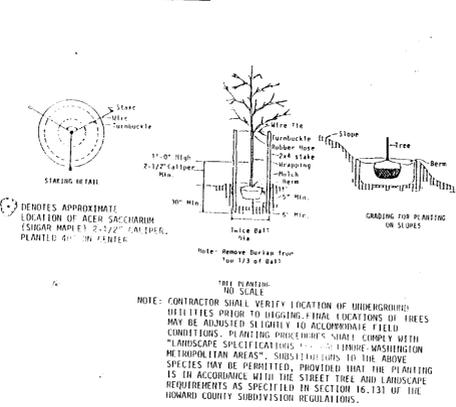
James R. Pappas 1-25-90
CHIEF, BUREAU OF ENGINEERING

PROPERTY/SUBDIVISION: LIBERTY BAPTIST CHURCH, INC.
SECTION/AREA: PARCEL/LOT NO. P. 178

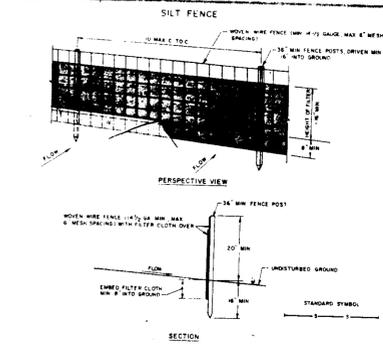
NOTES AND DETAILS
SYKESVILLE BAPTIST CHAPEL
TAX MAP 9 PARCEL 178
3rd ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE AS SHOWN 20' 4" JANUARY 13, 1989
SDP-89-161



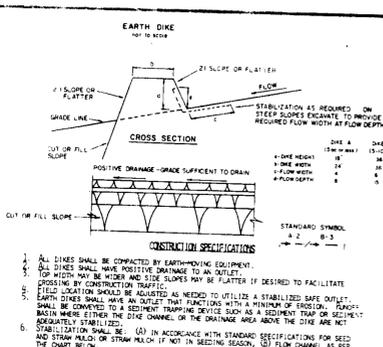
HANDICAPPED PARKING SIGN



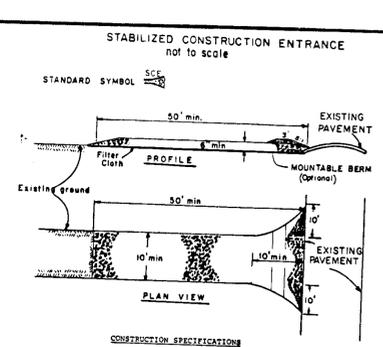
1. Bales shall be placed at the toe of a slope or on the contour and in a row with ends tightly abutting the adjacent bales.
2. Each bale shall be embedded in the soil a minimum of 12" inches and placed so the innermost end is horizontal.
3. Bales shall be securely anchored in place by either two stakes or re-bars driven through the bale. The first stake in each bale shall be driven toward the "PROVIDER" and shall be in a line with the bale. Stakes shall be driven flush with the bale.
4. Inspection shall be frequent and repair replacement shall be made promptly as needed.
5. Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.



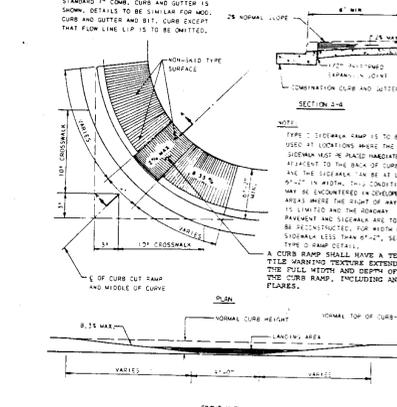
1. MESH WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIE OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO MESH WIRE FENCE WITH WIRE STAPLES EVERY 24" AT TOP AND "HIT" SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND POLYGLUE.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "MUD" DEVELOPS IN THE SILT FENCE.



1. All dikes shall be compacted by earth-moving equipment.
2. All dikes shall have positive drainage to an outlet.
3. Dikes shall be constructed on a firm, stable subgrade.
4. Field location shall be adjusted as needed to utilize a stabilized safe outlet.
5. All dikes shall have an outlet that functions with a minimum of friction. Enough basin must be provided to allow the dikes to function as a sediment trap or sedimentation basin.
6. Stabilization shall be done in accordance with standard specifications for seed and straw mulch or straw mulch if not in seeding season.



1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
2. Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
3. Thickness - Not less than six (6) inches.
4. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
5. 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.
6. Surface Water - All surface water flowing or directed toward construction entrance shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slope will be permitted.
7. Maintenance - The entrance shall be maintained in a condition which will require periodic top dressing with additional stone as conditions demand sediment spilled, dropped, washed or tracked onto public right-of-way must be removed immediately.
8. Washing - Wheel 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.
9. Periodic inspection and needed maintenance shall be provided after each rain.



DEPRESSED CURB DETAIL



SHRUB PLANTING DETAIL

LOT NO.	STREET ADDRESS
ADDRESS CHART	
PARCEL 178	1341 MARYLAND ROUTE 32

APPROVED
COMMUNITY ENGINEERING & LAND SURVEYING
HOWARD COUNTY, MARYLAND
DATE



FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVENUE
ELLCOTT 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.

12/26/90
DATE

DEVELOPER'S CERTIFICATE
I HEREBY 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.

R. Mark Murray 12-8-89
SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
1/2/90
DATE

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

1/2/90
DATE

APPROVED DEPARTMENT OF PLANNING AND ZONING
PLANNING DIRECTOR
1/2/90
DATE

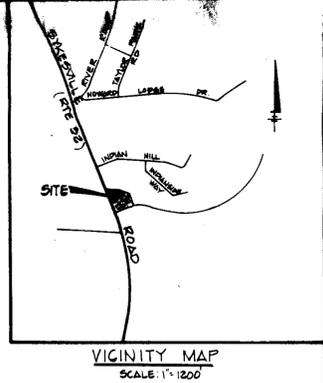
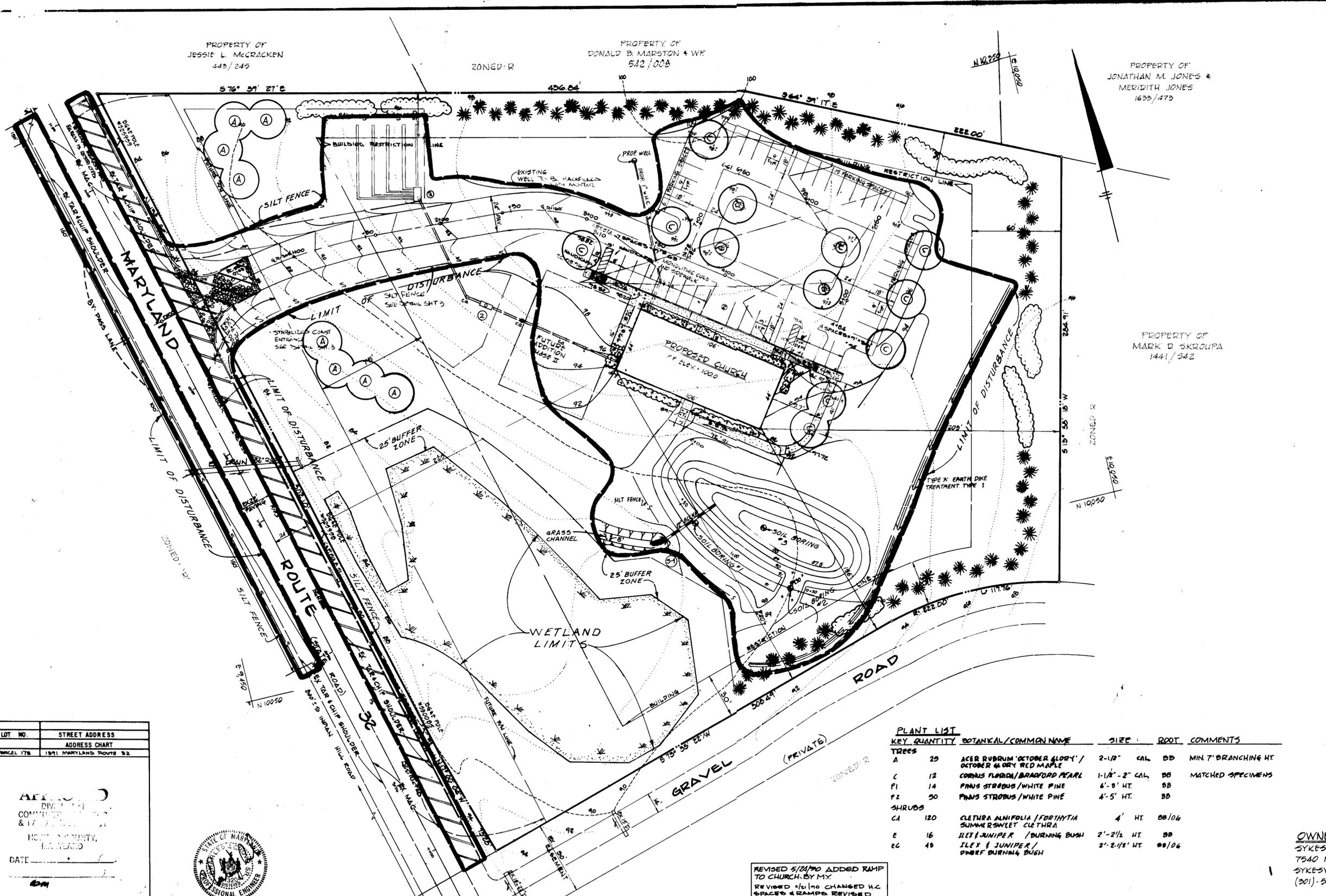
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PRIVATE WATER AND SEWERAGE SYSTEMS
1-19-90
DATE

APPROVED DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS
DIRECTOR PUBLIC WORKS
1/26/90
DATE

CHIEF, BUREAU OF ENGINEERING
1-25-90
DATE

NOTES AND DETAILS
SYKEVILLE BAPTIST CHAPEL
TAX MAP 9 PARCEL 178
3rd ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE AS SHOWN 3 of 4 JANUARY 13, 1989



- GENERAL NOTES**
- TOTAL AREA OF PROPERTY = 5.06 AC.±.
 - PRESENT ZONING = "R" (RURAL).
 - PROPERTY IS LOCATED ON TAX MAP NO. 9 AS PARCEL NO. 178.
 - LOCAL COMMUNITY = SYKESVILLE.
 - PROPOSED USE: RELIGIOUS FACILITY.
 - SITE DATA:
 - TOTAL AREA OF BUILDING = 4,664 S.F. OR 0.11 AC.±.
 - 2.22 BUILDING COVERAGE
 - TOTAL NUMBER OF PARKING SPACES REQUIRED:
 - TOTAL AREA OF ASSEMBLY SPACE OCCUPIED AT ONE TIME = 2,400 S.F.
 - 2,400 S.F. / ONE SPACE PER 100 S.F. = 24 SPACES
 - TOTAL NUMBER OF FIXED SEATS = 144
 - 144 / ONE SPACE PER 3 SEATS = 48 SPACES
 - TOTAL NUMBER OF PARKING SPACES PROVIDED = 48 SPACES
 - STANDARD SPACES (9'x18') = 46
 - HANDICAPPED SPACES = 3
 - OPEN SPACE (GREEN AREA) = 4.30 AC.± (85%)
 - MAX. BUILDING HEIGHT = 34 FEET.
 - THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION/DIVISION 24 HOURS PRIOR TO COMMENCEMENT OF WORK AT 892-2477.
 - HANDICAPPED FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THE "DESIGN OF BARRIER FREE FACILITIES" AND THE "MARYLAND BUILDING CODE FOR THE HANDICAPPED AND AGED".
 - EXISTING UTILITIES SHOWN HEREON HAVE BEEN LOCATED FROM FIELD AND OFFICE INFORMATION. THE CONTRACTOR SHALL DETERMINE 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 WILL BE WALL MOUNTED (SECURITY LIGHTS ONLY) AND DIRECTED DOWNWARD AND INWARD FROM ALL ADJACENT PROPERTIES.
 - PROPERTY SUBJECT TO R.A. CASE 86-032.
 - GRADING, THE REMOVAL OF VEGETATION AND CONSTRUCTION ARE PROHIBITED WITHIN THE WETLANDS BUFFER.

LOT NO.	STREET ADDRESS
PARCEL 178	1391 MARYLAND ROUTE 92

APPROVED
 DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE: 1/25/90



PLANT LIST

KEY QUANTITY	BOTANICAL / COMMON NAME	SIZE	ROOT	COMMENTS
TREES				
A	ACER RUBRUM / OCTOBER GLORY / OCTOBER GLORY RED MAPLE	2-1/2"	CAL	MIN. 7" BRANCHING HT.
C	CORNUS FLORIDA / BRADFORD PEARL	1-1/2" - 2"	CAL	DB
P1	PNUS STROBUS / WHITE PINE	4'-8" HT.	DB	MATCHED SPECIMENS
P2	PNUS STROBUS / WHITE PINE	4'-5" HT.	DB	
SHRUBS				
CA	CLETHRA ALNIFOLIA / FORTHYTHIA SUMMERSWEET CLETHRA	4' HT.	DB/OG	
E	ILEX JUNIPER / BURNING BUSH	2'-2 1/2 HT.	DB	
EG	ILEX JUNIPER / DWRF BURNING BUSH	2'-2 1/2 HT.	DB/OG	

OWNER AND DEVELOPER
 SYKESVILLE BAPTIST CHURCH
 7540 MAIN STREET
 SYKESVILLE, MARYLAND 21704
 (301)-549-1089 ATTN: MARK MASSEY

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: [Signature]
 DATE: 1/25/90

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: R. Mark Massey
 DATE: 12-8-89

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
 U.S. SOIL CONSERVATION SERVICE
 DATE: 1/20/90
 THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED:
 Signature: [Signature]
 DATE: 1/2/90

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 Signature: [Signature]
 DATE: 2-15-90
 PLANNING DIRECTOR
 Signature: [Signature]
 DATE: 2/9/90
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT
 APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PRIVATE WATER AND SEWERAGE SYSTEMS
 Signature: [Signature]
 DATE: 1-18-90

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
 Signature: [Signature]
 DATE: 1/25/90
 DIRECTOR, PUBLIC WORKS
 Signature: [Signature]
 DATE: 1-25-90
 CHIEF, BUREAU OF ENGINEERING
 PROPERTY/SUBDIVISION: LIBERTY BAPTIST CHURCH, INC.
 SECTION/AREA: -
 PARCEL/LOT NO.: P. 178
 PLAT NO./L.F.: 547/295
 BLOCK NO.: 11-17
 ZONE: 2
 TAX/ZONE: 9
 ELEC. DIST.: 3
 CENSUS TR.: 6030
 WATER CODE: -
 SEWER CODE: -

LANDSCAPING PLAN
SYKESVILLE BAPTIST CHAPEL
 TAX MAP 9 PARCEL 178
 3rd ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 JANUARY 13, 1990
 SCALE: 1" = 50' 4 of 4
 S.D.P. - B9 - 161