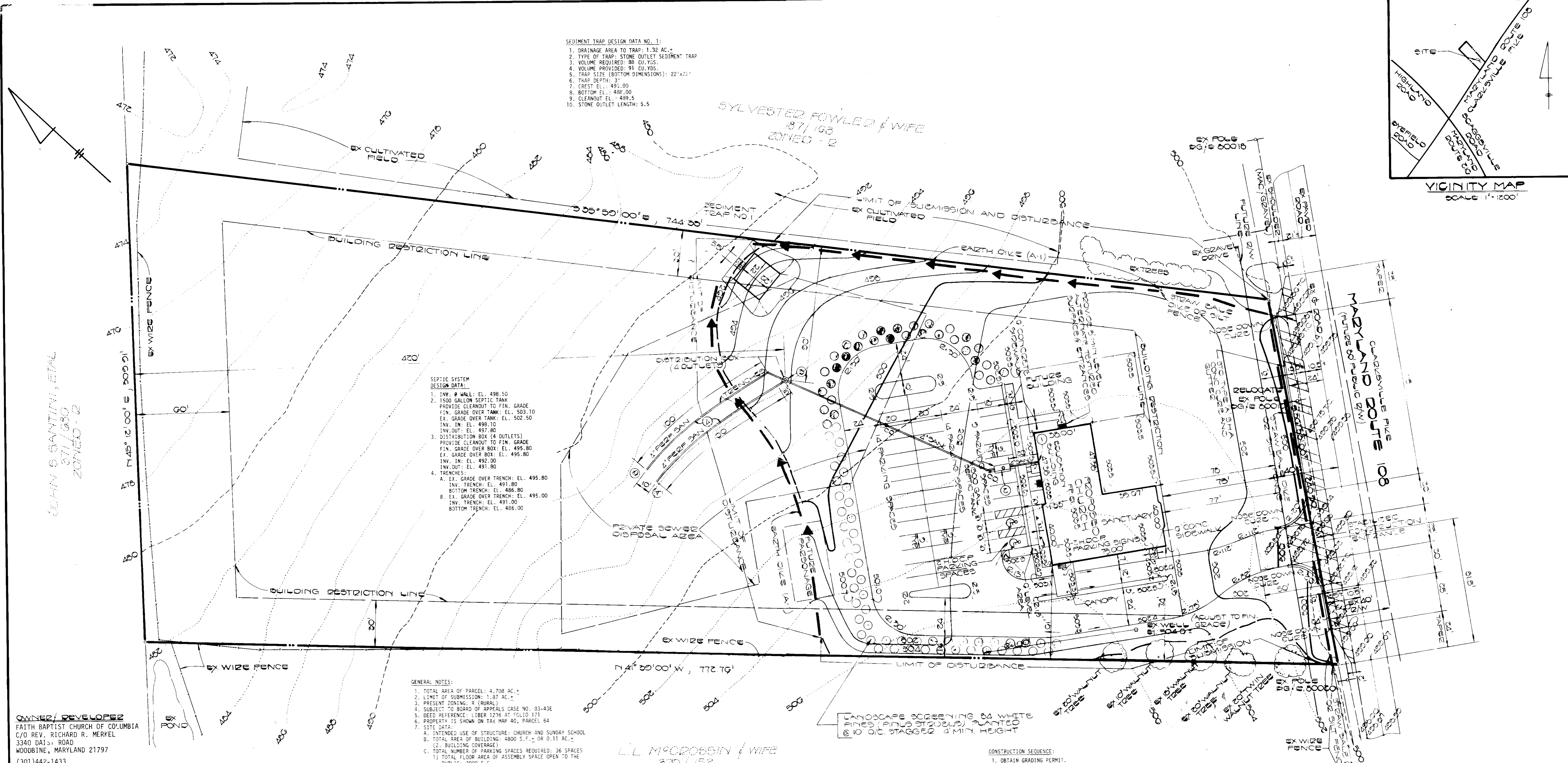


SEDIMENT TRAP DESIGN DATA NO. 1:  
 1. DRAINAGE AREA TO TRAP: 1.32 AC.  
 2. TYPE OF TRAP: STONE OUTLET SEDIMENT TRAP  
 3. VOLUME REQUIRED: 88 CU. YDS.  
 4. VOLUME PROVIDED: 91 CU. YDS.  
 5. TRAP SIZE (BOTTOM DIMENSIONS): 22'x22'  
 6. TRAP DEPTH: 3'  
 7. CREST EL.: 491.00  
 8. BOTTOM EL.: 486.00  
 9. CLEANOUT EL.: 489.5  
 10. STONE OUTLET LENGTH: 5.5

SEPTIC SYSTEM DESIGN DATA:  
 1. INV. # WALL: EL. 498.50  
 2. 1500 GALLON SEPTIC TANK PROVIDE CLEANOUT TO FIN. GRADE  
 FIN. GRADE OVER TANK: EL. 503.10  
 EX. GRADE OVER TANK: EL. 502.50  
 INV. IN: EL. 498.10  
 INV. OUT: EL. 497.80  
 3. DISTRIBUTION BOX (4 OUTLETS) PROVIDE CLEANOUT TO FIN. GRADE  
 FIN. GRADE OVER BOX: EL. 495.80  
 EX. GRADE OVER BOX: EL. 495.80  
 INV. IN: EL. 492.00  
 INV. OUT: EL. 491.80  
 4. TRENCHES:  
 A. EX. GRADE OVER TRENCH: EL. 495.80  
 INV. TRENCH: EL. 491.80  
 BOTTOM TRENCH: EL. 486.80  
 B. EX. GRADE OVER TRENCH: EL. 495.00  
 INV. TRENCH: EL. 491.00  
 BOTTOM TRENCH: EL. 486.00

GENERAL NOTES:  
 1. TOTAL AREA OF PARCEL: 4.708 AC.  
 2. LIMIT OF SUBMISSION: 1.87 AC.  
 3. PRESENT ZONING: R (RURAL)  
 4. SUBJECT TO BOARD OF APPEALS CASE NO. 83-43E  
 5. DEED REFERENCE: LIBER 1236 AT FOLIO 171  
 6. PROPERTY IS SHOWN ON TAX MAP 40, PARCEL 64  
 7. SITE DATA:  
 A. INTENDED USE OF STRUCTURE: CHURCH AND SUNDAY SCHOOL  
 B. TOTAL AREA OF BUILDING: 4800 S.F. OR 0.11 AC.  
 (2 - BUILDING COVERAGE)  
 C. TOTAL NUMBER OF PARKING SPACES REQUIRED: 36 SPACES  
 1) TOTAL FLOOR AREA OF ASSEMBLY SPACE OPEN TO THE PUBLIC: 3000 S.F.  
 (1 SPACE/100 S.F. FLOOR AREA OF ASSEMBLY SPACE OPEN TO THE PUBLIC)  
 3000 S.F. = 100 x 30 SPACES  
 2) TOTAL LENGTH OF BENCH SEATS IN SANCTUARY: 216 FEET  
 16 BENCHES x 13.5' LENGTH = 216 FEET  
 (1 SEAT/2 FEET OF BENCH LENGTH)  
 216 FEET = 2 x 108 SEATS  
 (1 SPACE/2 SEATS)  
 108 SEATS = 3 x 36 SPACES  
 D. TOTAL NUMBER OF SPACES PROVIDED: 39 SPACES  
 1) STANDARD SPACES (9'x18' OR 9'x20'): 37  
 2) HANDICAPPED SPACES (8'x18'): 2  
 E. OPEN SPACE (GREEN AREA): 3.87 AC. (82%)  
 8. THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION DIVISION 24 HOURS PRIOR TO COMMENCEMENT OF WORK AT 992-2437.  
 9. HANDICAPPED FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THE "DESIGN OF BARRIER FREE FACILITIES" AND THE "MARYLAND BUILDING CODE FOR THE HANDICAPPED AND AGED".  
 10. 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.  
 11. SEE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS.  
 12. ALL LIGHTING SHALL BE WALL MOUNTED (SECURITY LIGHTS ONLY) AND DIRECTED DOWNWARD AND INWARD FROM ALL ADJACENT PROPERTIES.



JOHN G. SANTINI, ETAL  
 371/680  
 ZONED - 2

L.L. McGRESSIN / WIFE  
 370/182  
 ZONED - 2

PLAN  
 SCALE: 1"=30'

- CONSTRUCTION SEQUENCE:  
 1. OBTAIN GRADING PERMIT.  
 2. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AS SHOWN ON PLAN.  
 3. EXCAVATE SEDIMENT TRAP TO REQUIRED DIMENSIONS. USE EXCAVATED MATERIAL TO CONSTRUCT EARTH DIKE (A-1 SPECIFICATION) COMPACT DIKE AND STABILIZE WITH TEMPORARY SEEDING MIXTURE AND STRAW MULCH. INSTALL STRAW BALE DIBBLE FENCE ALONG MARYLAND ROUTE 108.  
 4. CLEAR AND GRUB SITE TO SUBGRADE.  
 5. CONSTRUCT BUILDING. CONSTRUCT PARKING LOT AND ENTRANCE ROAD.  
 6. SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT TRAP WHEN THE CLEANOUT ELEVATION HAS BEEN REACHED.  
 7. 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.  
 8. THE SEDIMENT TRAPS SHALL BE OPERATED BY PUMPING IF NECESSARY.  
 9. THE SEDIMENT FROM THE TRAPS SHALL BE PLACED UP-GRADE FROM THE CONSTRUCTION OPERATIONS OR CAUSE EROSION DOWNGRADE FROM THE SEDIMENT TRAPS.  
 10. REMOVE SEDIMENT FROM ROADWAYS AND DRESS STONE CONSTRUCTION ENTRANCE AS REQUIRED.  
 11. PERMANENTLY STABILIZE ALL DISTURBED AREAS WITH PERMANENT SEED AND MULCH MIXTURE PRIOR TO REMOVAL OF ANY SEDIMENT CONTROL DEVICES.  
 12. BACKFILL SEDIMENT TRAP WITH EARTH USED FOR DIVERSION DIKE AND STABILIZE DISTURBED AREA WITH SEEDING MIXTURE.  
 13. 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.

OWNER/DEVELOPER  
 FAITH BAPTIST CHURCH OF COLUMBIA  
 C/O REV. RICHARD R. MERKEL  
 3340 DAI, ROAD  
 WOODBINE, MARYLAND 21797  
 (301)442-1433

APPROVED  
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 1-28-86

SITE ANALYSIS:

- TOTAL AREA OF PARCEL: 4.708 AC.±
- TOTAL AREA TO BE DISTURBED: 1.38 AC.±
- TOTAL IMPERVIOUS AREA: 0.70 AC.±
- TOTAL AREA TO BE REVEGETATED: 0.68 AC.±

| PARCEL # | STREET ADDRESS     |
|----------|--------------------|
| G4       | 13240 MD ROUTE 108 |

ADDRESS CHART

FISHER, COLLINS & CARTER, INC.  
 CIVIL ENGINEERS & LAND SURVEYORS  
 8388 COURT AVE.  
 ELLICOTT CITY, MD. 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: *Charles J. Conard*  
 DATE: 1/30/86

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."

Signature: *William S. Swanson*  
 DATE: 6-6-85

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Signature: *John A. Helm*  
 DATE: 2/4/86

U.S. SOIL CONSERVATION SERVICE

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

Signature: *Stephen L. Fisher*  
 DATE: 2/4/86

DISTRICT HOWARD SOIL CONSERVATION DISTRICT

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR STORM DRAINAGE SYSTEMS AND ROADS

Signature: *John A. Helm*  
 DATE: 2-11-86

DIRECTOR, PUBLIC WORKS

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PRIVATE WATER AND SEWERAGE SYSTEMS.

Signature: *James M. Bockler*  
 DATE: 2-6-86

HEALTH OFFICER

APPROVED: OFFICE OF PLANNING AND ZONING

Signature: *James M. Bockler*  
 DATE: 2-11-86

PLANNING DIRECTOR

| PROPERTY OF                      | SECTION/AREA | PARCEL NO. |
|----------------------------------|--------------|------------|
| FAITH BAPTIST CHURCH OF COLUMBIA | G4           | 04         |

| L.F. BLOCK NO. | ZONE | TAX /ZONE | ELEC. DIST. | CENSUS TR. |
|----------------|------|-----------|-------------|------------|
| 1239/171       | 12   | 40        | 5TH         | G051       |

WATER CODE: - SEWER CODE: -

SITE DEVELOPMENT PLAN  
 SEDIMENT CONTROL PLAN

FAITH BAPTIST CHURCH OF COLUMBIA  
 FIFTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

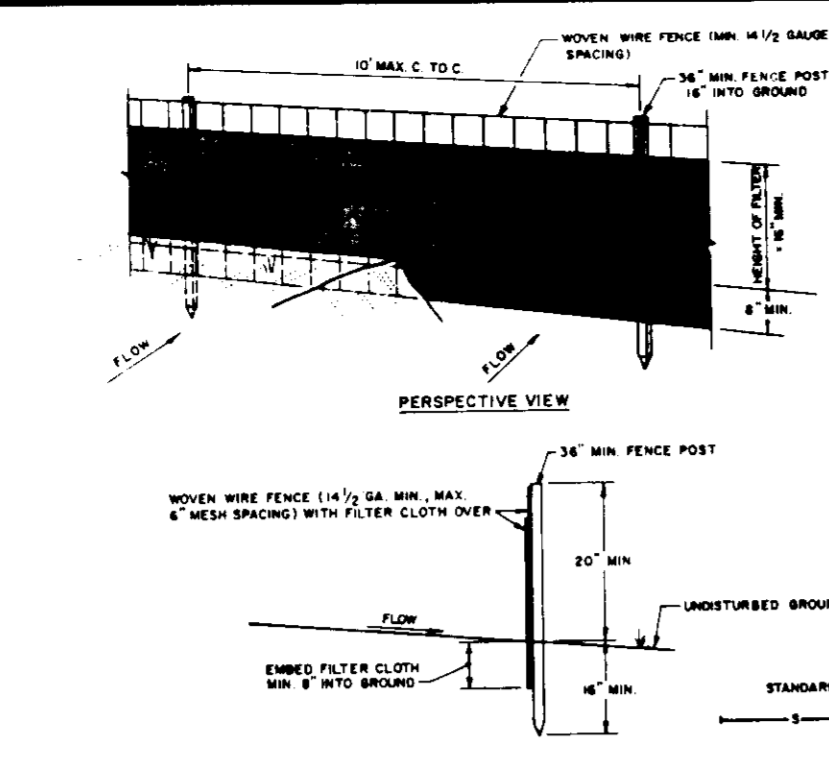
SCALE: AS SHOWN MAY 24, 1988

SHEET 1 OF 2  
 REVISED DECEMBER 10, 2008

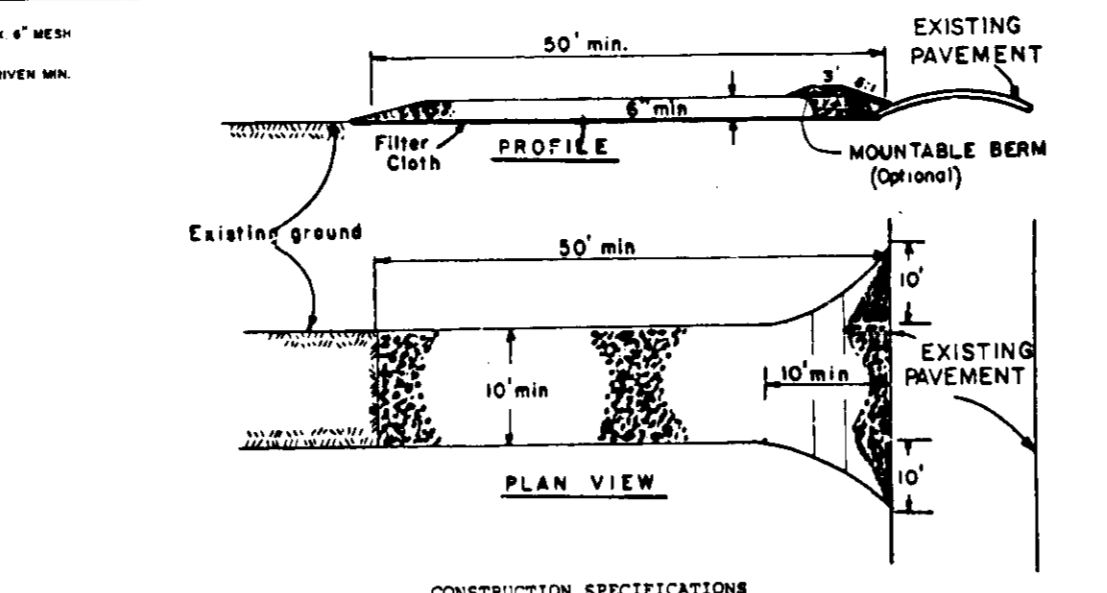
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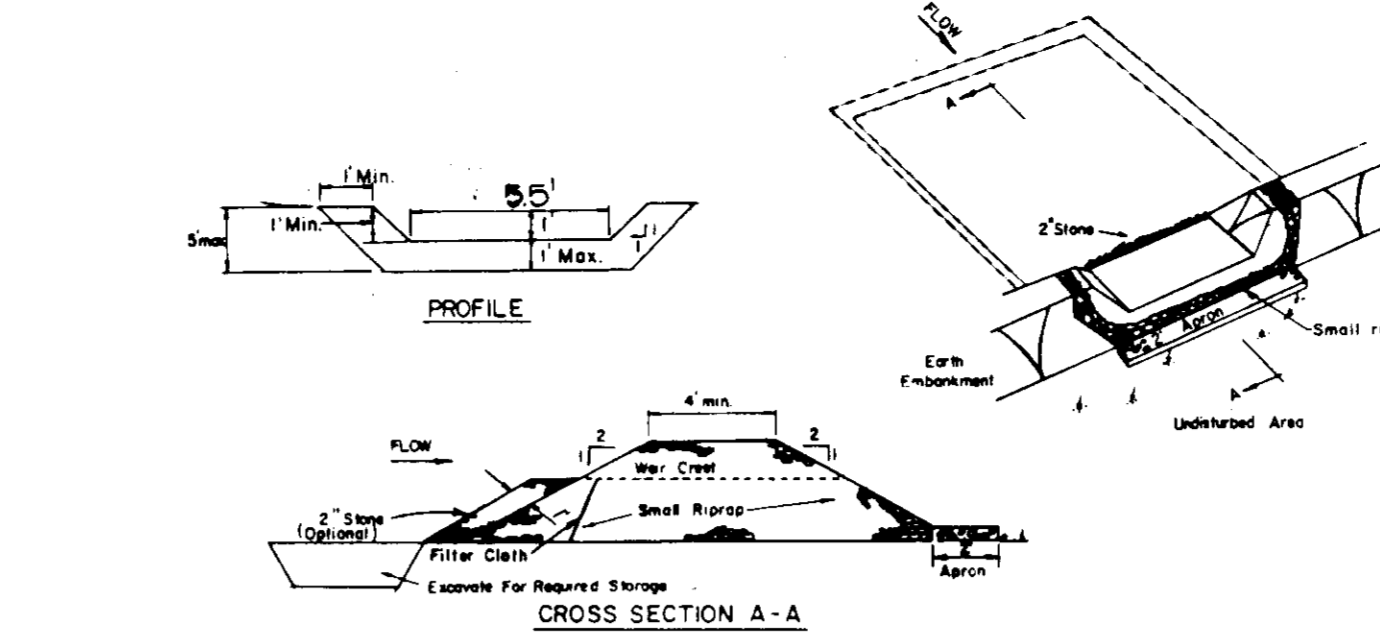
**PERMANENT SEEDING NOTES:**  
 1. AREA NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.  
 2. SEED PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.  
 3. SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:  
 1. PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 400 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW 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.).  
 2. 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. 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 (11.4 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 SOIL. 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 UNROTATED SMALL GRASS 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 FEET 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 REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.  
 SEED PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.  
 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 25 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 1 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 SOIL.  
 MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTATED SMALL GRASS 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.



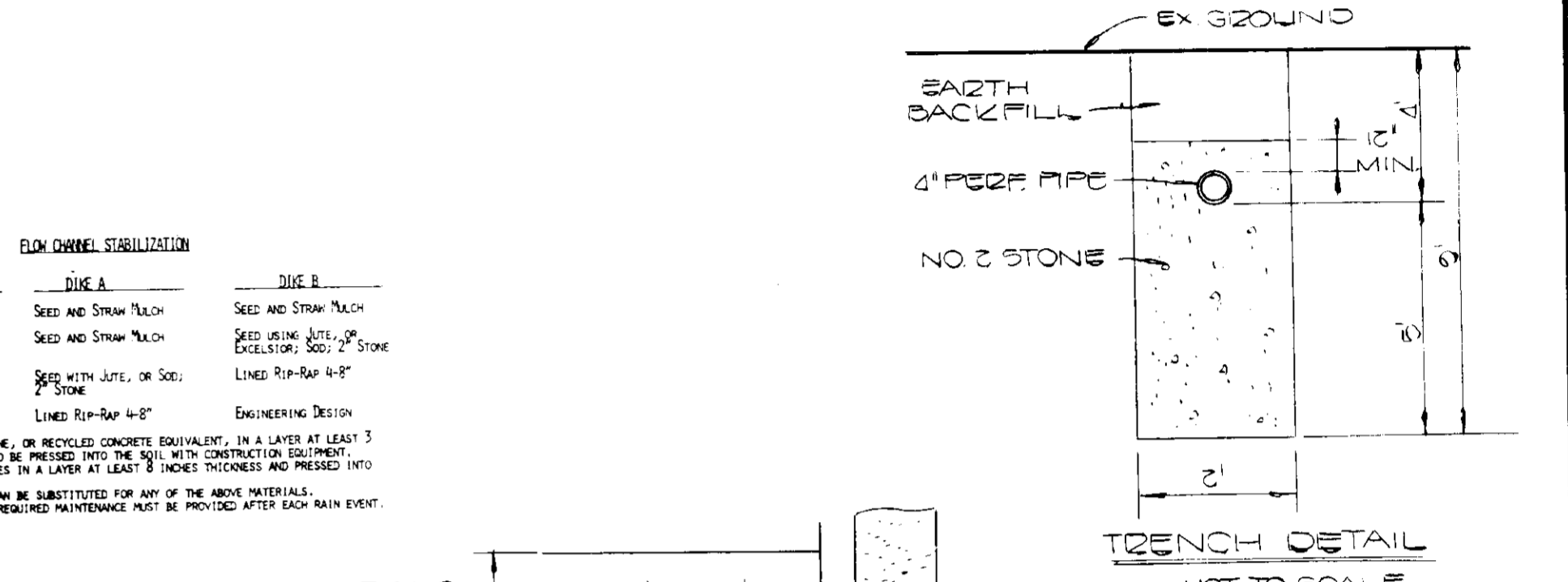
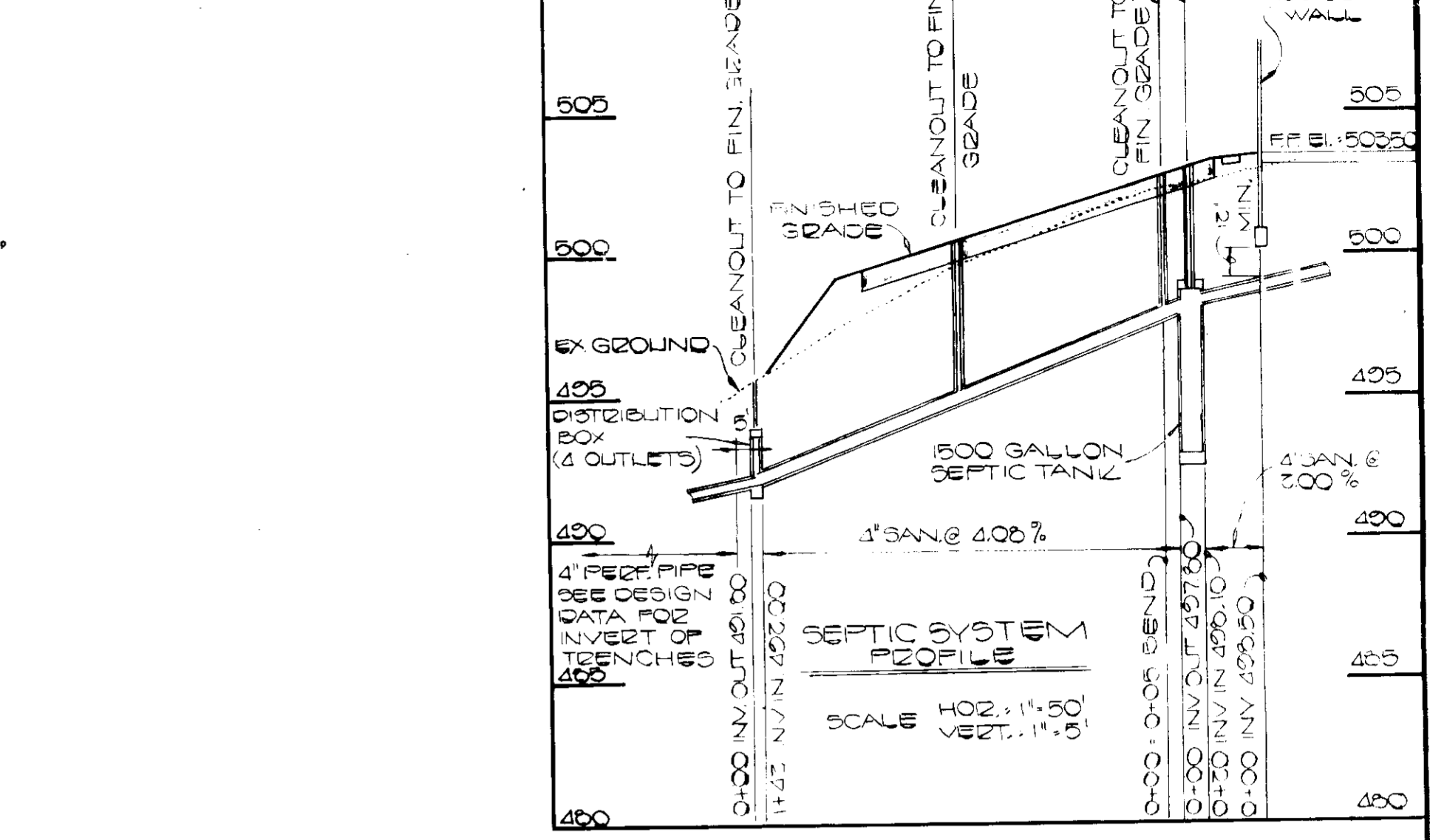
**CONSTRUCTION NOTES FOR FABRICATED SILT FENCE:**  
 1. Woven wire fence to be fastened securely to fence posts with wire ties or staples.  
 2. Filter cloth to be fastened securely to woven wire fence with ties spaced every 2' at top and mid section.  
 3. When two sections of filter cloth abut each other they shall be overlapped by six inches and folded.  
 4. Maintenance shall be performed as needed and material removed when 'mats' develop in the silt fence.  
 PREPARED UNIT: GEORGE, DUNFORD, OR APPROVED EQUAL.  
**SILT FENCE**  
 NOT TO SCALE



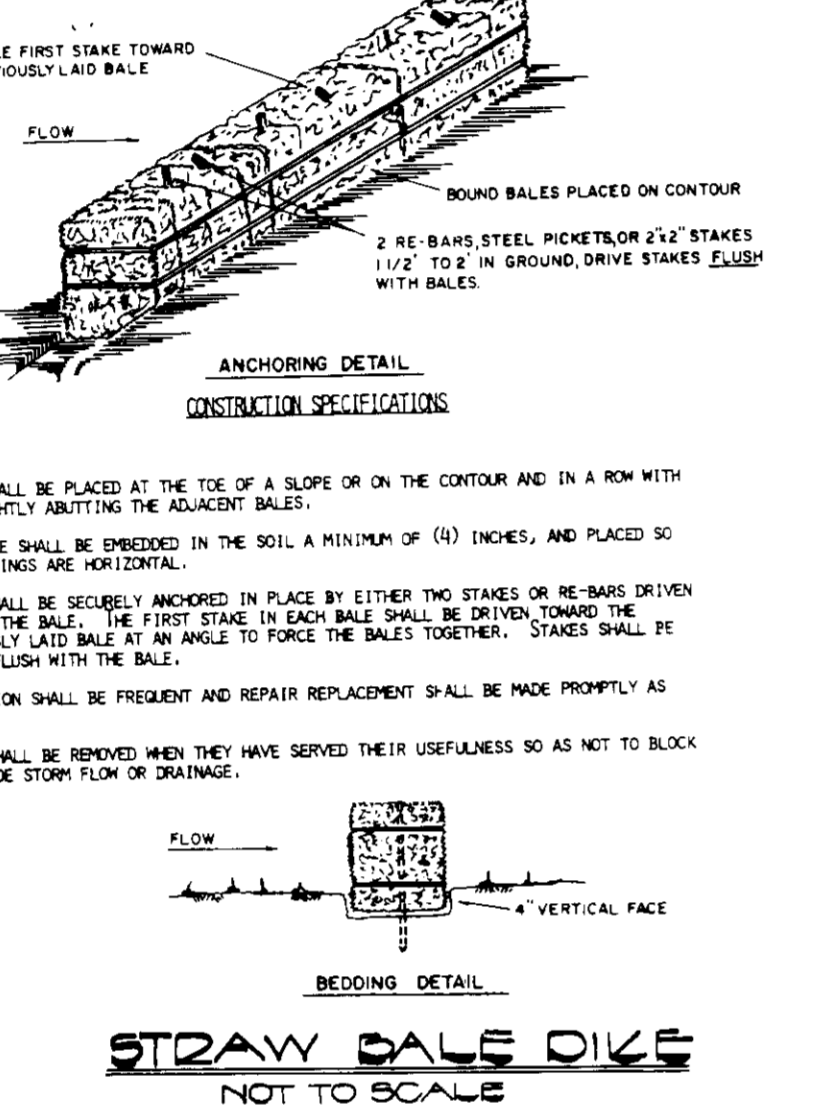
**CONSTRUCTION SPECIFICATIONS:**  
 1. Stone Size - Use #2 stone, or reclaimed or recycled concrete equivalent.  
 2. Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).  
 3. Thickness - Not less than six (6) inches.  
 4. Width - 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 cloth 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 beam with 5/8 slopes will be permitted.  
 7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleaning of any measure used to trap sediment. All sediment applied, dropped, washed or tracked onto public rights-of-way must be removed immediately.  
 8. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.  
 9. Periodic inspection and needed maintenance shall be provided after each rain.  
**STABILIZED CONSTRUCTION ENTRANCE**  
 NOT TO SCALE



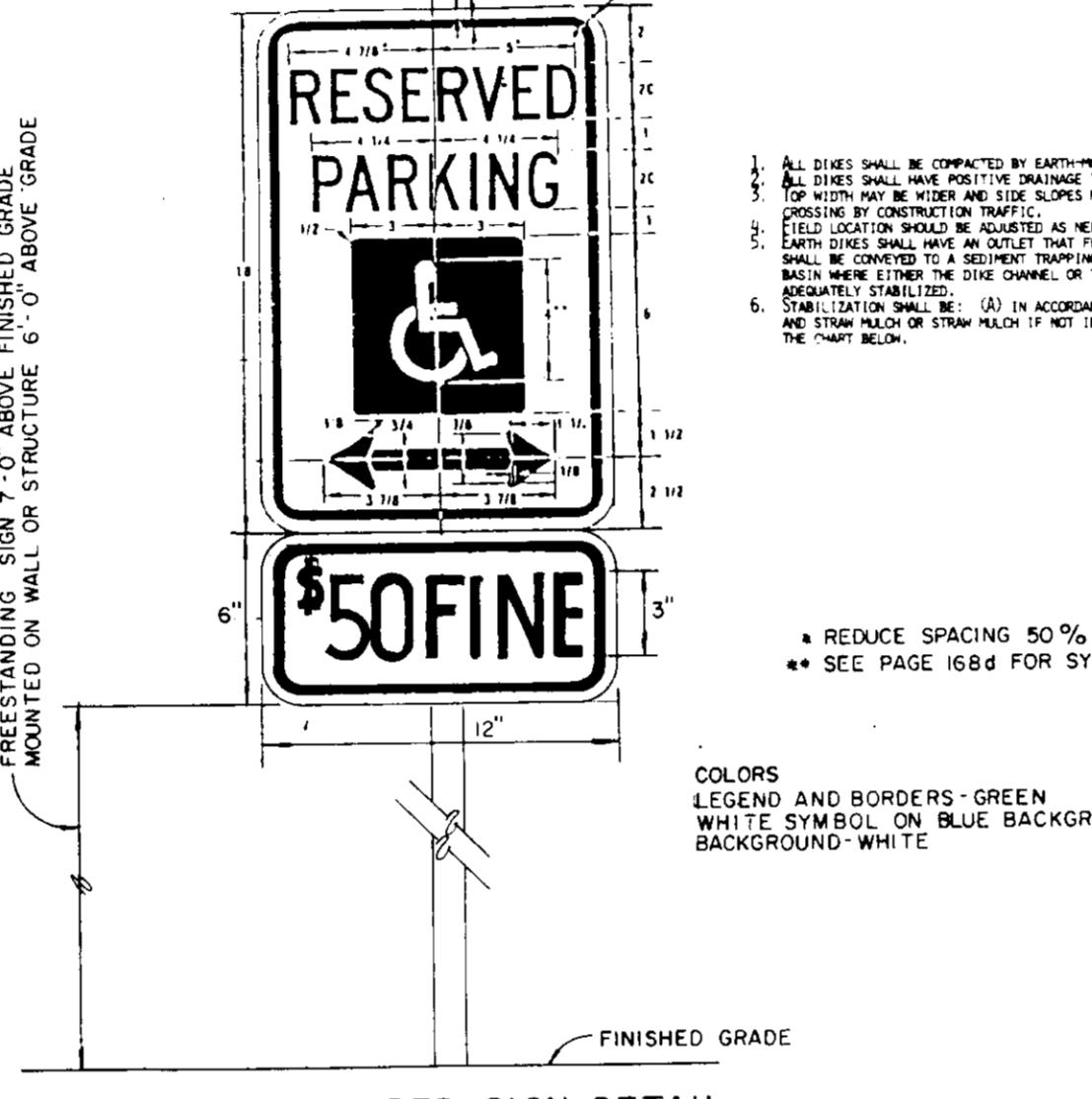
**CONSTRUCTION SPECIFICATIONS FOR ST-Y:**  
 1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.  
 2. The fill material for the embankment shall be free of roots and other woody vegetation as well as over-sized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.  
 3. All cut and fill slopes shall be 2:1 or flatter.  
 4. The stone used in the outlet shall be small riprap 4"-8" along with a 1" thickness of 2" aggregate placed on the up-grade side on the small riprap embedded filter cloth in the riprap.  
 5. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to the design depth of the trap.  
 6. The structure shall be inspected after each rain and repairs made as needed.  
 7. Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.  
 8. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.  
**STONE OUTLET SEDIMENT TRAP**  
 NOT TO SCALE



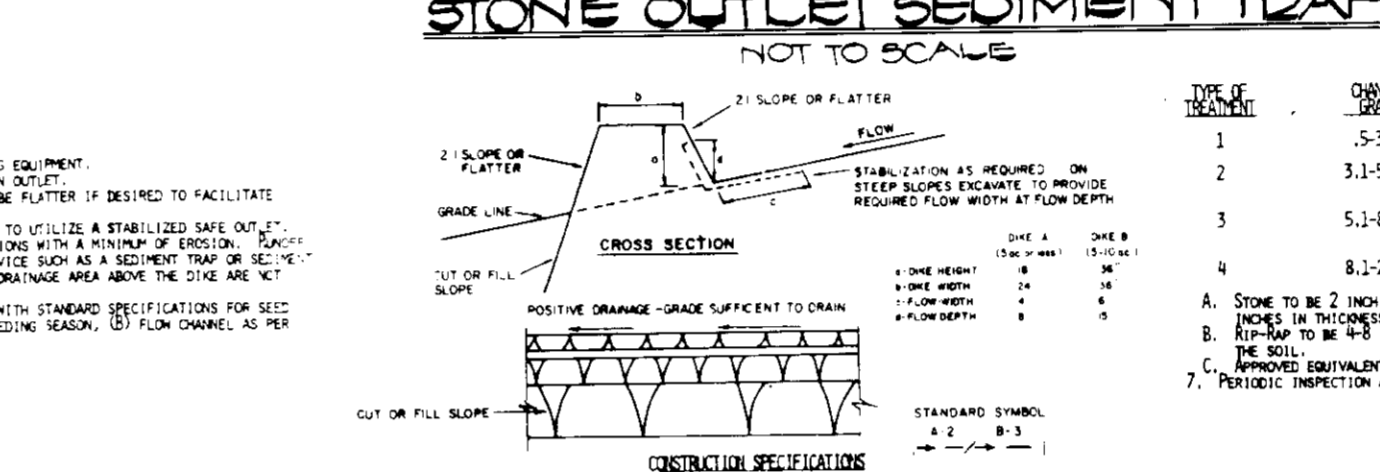
**SEDIMENT CONTROL NOTES:**  
 1. A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION. (992-2437)  
 2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.  
 3. 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.  
 4. ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.  
 5. 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 SEEDING (SEC. 51) AND (SEC. 54). TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONG CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.  
 6. 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.  
 7. SITE ANALYSIS:  
 TOTAL AREA OF SITE: 4700 ACRES  
 AREA DISTURBED: 150 ACRES  
 AREA TO BE ROOFED OR PAVED: 0.70 ACRES  
 AREA TO BE VEGETATIVELY STABILIZED: 4629.30 ACRES  
 TOTAL CUT: 2400 ± CU. YDS.  
 TOTAL FILL: 2400 ± CU. YDS.  
 OFFSITE WASTE/BORROW AREA LOCATION: -  
 8. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.



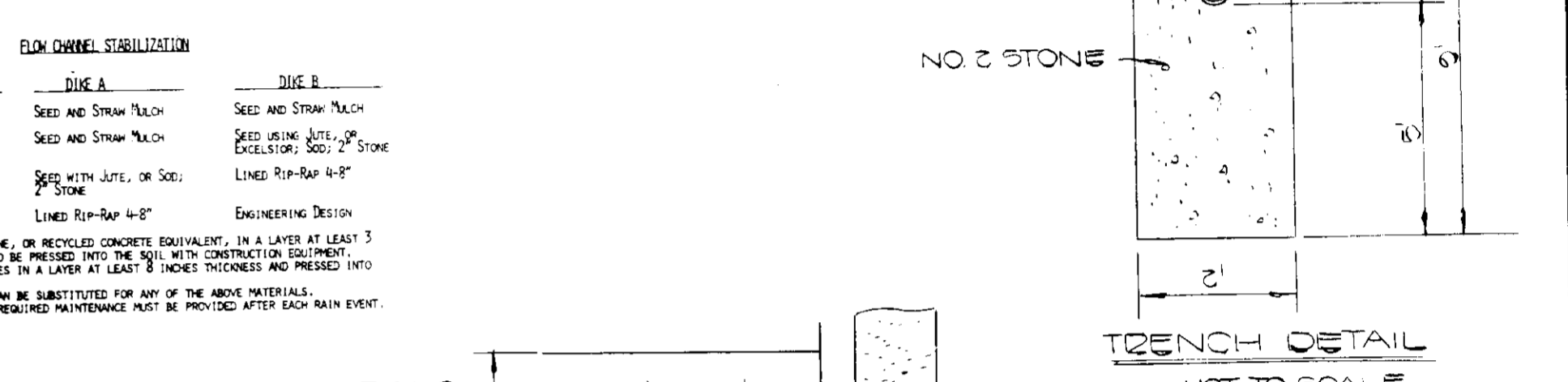
**CONSTRUCTION SPECIFICATIONS:**  
 1. Bales shall be placed at the toe of a slope or on the contour and in a row with each bale touching the adjacent bales.  
 2. Each bale shall be embedded in the soil a minimum of (8) inches, and placed so the bindings are horizontal.  
 3. Bales shall be securely 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 previously laid bale at an angle to force the bales together. 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.  
**STRAW BALE DIKE**  
 NOT TO SCALE



**HANDICAPPED SIGN DETAIL:**  
 NOT TO SCALE  
 COLORS: LEGEND AND BORDERS - GREEN  
 WHITE SYMBOL ON BLUE BACKGROUND  
 BACKGROUND - WHITE  
 \* REDUCE SPACING 50%  
 \*\* SEE PAGE 1688 FOR SYMBOL DESIGN  
**S.H.A. COMBINATION CURB/GUTTER**  
 NOT TO SCALE



**TYPICAL WIDENING SECTION:**  
 NOT TO SCALE  
 1. ALL STAKES SHALL BE CONDUCTED BY EARTH-MOVING EQUIPMENT.  
 2. STAKES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH EACH STAKE TOUCHING THE ADJACENT STAKES.  
 3. EACH STAKE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (8) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.  
 4. STAKES 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 PREVIOUSLY Laid BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.  
 5. INSPECTION SHALL BE FREQUENT AND REPAIR/REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.  
 6. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPED STORM FLOW OR DRAINAGE.  
**STRAW BALE DIKE**  
 NOT TO SCALE



**TYPICAL PAVING SECTION P-1:**  
 NOT TO SCALE  
 1. SIDEWALK TO BE SCRIBED IN 5' MAXIMUM SQUARES.  
 2. EXPANSION JOINTS ACROSS THE SIDEWALK NOT TO BE MORE THAN 15' APART.  
 3. 1/2" PREFORMED BITUMINOUS EXPANSION MATERIAL IN EXPANSION JOINTS TO BE KEPT 1/4" BELOW SURFACE OF SIDEWALK.  
 4. CONCRETE TO BE MIX NO. 2  
 5. WHEN SIDEWALK ABUTS CURB, WALK SHALL BE 1/4" ABOVE CURB WITH 1/2" PREFORMED BITUMINOUS EXPANSION MATERIAL BETWEEN SIDEWALK AND CURB AND RESTING ON A COMPACTED CRUSHED STONE BASE. SEE DETAIL A THIS SHEET.  
 6. ON LONGITUDINAL SIDEWALK GRADES OF 5% OR GREATER, A CONCRETE HEADER, 6" THICK AND 6" DEEP BELOW THE NORMAL 4" SIDEWALK THICKNESS SHALL BE CONSTRUCTED FOR THE FULL WIDTH OF THE SIDEWALK AT INTERVALS OF 48 FEET. THE HEADERS SHALL BE PLACED AT EXPANSION JOINT LOCATIONS AND SHALL BE MONOLITHIC WITH THE SIDEWALK.

**OWNER/DEVELOPER:**  
 FAITH BAPTIST CHURCH OF COLUMBIA  
 C/O REV. RICHARD R. MERKEL  
 3340 DATSY ROAD  
 WOODBINE, MARYLAND 21797  
 (301) 442-1433

**APPROVED:**  
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE: 1-28-86  
 Charles Conard

**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.  
 CIVIL ENGINEERS & LAND SURVEYORS  
 FISHER, COLLINS & CARTER, INC.  
 8388 COURT AVE.  
 ELLICOTT CITY, MD. 21043  
 (301) 461-2855  
 Charles Conard  
 SIGNATURE OF ENGINEER  
 1/30/86  
 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."  
 U.S. SOIL CONSERVATION SERVICE  
 DATE: 2/4/86  
 THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 APPROVED:  
 HOWARD COUNTY HEALTH DEPARTMENT  
 FOR PRIVATE WATER AND SEWERAGE SYSTEMS.  
 DATE: 2-6-86  
 HEALTH OFFICER

**APPROVED:** DEPARTMENT OF PUBLIC WORKS, FOR STORM DRAINAGE SYSTEMS AND ROADS  
 DATE: 2-10-86  
 DIRECTOR, PUBLIC WORKS  
 APPROVED: CHIEF, BUREAU OF ENGINEERING  
 DATE: 2-11-86  
 APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PRIVATE WATER AND SEWERAGE SYSTEMS.  
 DATE: 2-6-86  
 HEALTH OFFICER

**APPROVED:** OFFICE OF PLANNING AND ZONING  
 DATE: 2-11-86  
 PLANNING DIRECTOR  
 DATE: 2-11-86  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION  
 PROPERTY OF: FAITH BAPTIST CHURCH OF COLUMBIA  
 SECTION/AREA: 04  
 PARCEL NO.: 04  
 L.F. BLOCK NO.: 171  
 ZONE: 2  
 TAX/ZONE: 40  
 ELEC. DIST.: 27th  
 CENSUS TR.: G031  
 WATER CODE: -  
 SEWER CODE: -  
**NOTES AND DETAILS:**  
 FAITH BAPTIST CHURCH OF COLUMBIA  
 FIFTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE: AS SHOWN  
 MAY 24, 1985  
 SHEET 2 OF 2  
 REVISED DECEMBER 10, 1980  
 301-85-222