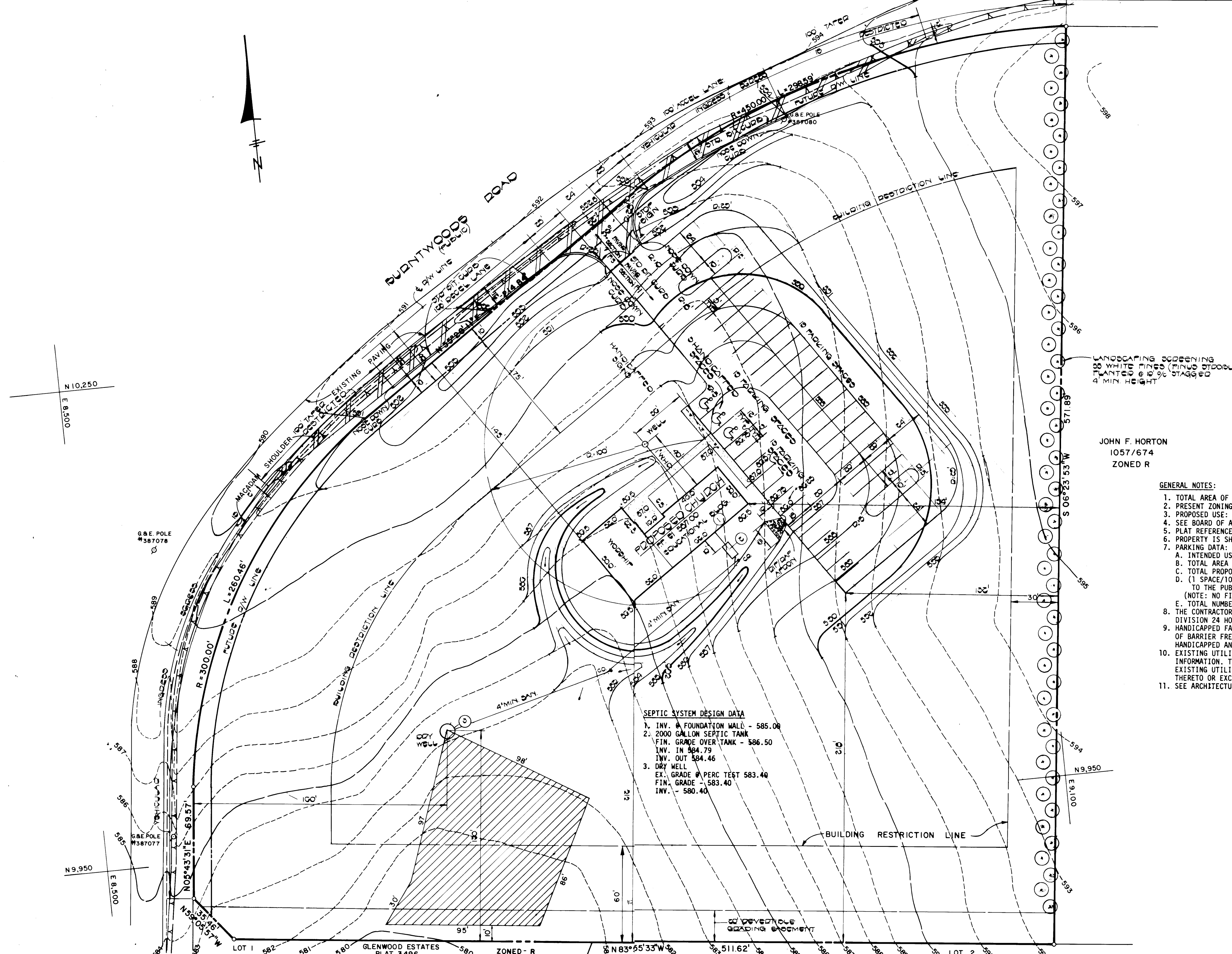


VICINITY MAP
SCALE 1" = 800'



LANDSCAPING SCREENING
35 WHITE PINES (TRINUS STROBUS)
PLANTED @ 10' 9" STAGGED
4' MIN. HEIGHT

JOHN F. HORTON
1057/674
ZONED R

- GENERAL NOTES:
- TOTAL AREA OF PARCEL: 5.417 AC. ±
 - PRESENT ZONING: R (RURAL)
 - PROPOSED USE: CHURCH
 - SEE BOARD OF APPEALS CASE NO. 80-04E
 - PLAT REFERENCE: C.M.P. NO. 4609
 - PROPERTY IS SHOWN ON TAX MAP 21, PARCEL 73.
 - PARKING DATA:
 - A. INTENDED USE OF STRUCTURE: CHURCH AND SUNDAY SCHOOL
 - B. TOTAL AREA OF BUILDING: 3400 S.F. ± OR 0.08 AC. ±
 - C. TOTAL PROPOSED MEMBERS IN CONGREGATION: 140
 - D. (1 SPACE/100 SQ. FT. OF FLOOR AREA OF ASSEMBLY OPEN TO THE PUBLIC) 2500 SQ. FT. FLOOR AREA = 100 = 25 SPACES (NOTE: NO FIXED SEATS OR BENCHES)
 - E. TOTAL NUMBER OF SPACES PROVIDED: 54 (3 HANDICAPPED SPACES)
 - THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION DIVISION 24 HOURS PRIOR TO COMMENCEMENT OF WORK AT 792-7272.
 - 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.

SEPTIC SYSTEM DESIGN DATA

- INV. @ FOUNDATION WALL - 585.00
2000 GALLON SEPTIC TANK
FIN. GRADE OVER TANK - 586.50
INV. IN 584.75
INV. OUT 584.46
- DRY WELL
EX. GRADE @ PERC TEST 583.40
FIN. GRADE - 583.40
INV. - 580.40

ADDRESS	CHART
LOT No.	ADDRESS
1	14551 BURNTWOODS ROAD

6-5-84
[Signature]

OWNER & DEVELOPER
THE AMERICAN LUTHERAN CHURCH
422 SOUTH FIFTH STREET
MINNEAPOLIS MINNESOTA 55415

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 COUNTY SOIL CONSERVATION DISTRICT.

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

Signature: [Signature]
DATE: 6/5/84

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: [Signature]
DATE: 2/29/84

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

Signature: [Signature]
DATE: 6/28/84

U.S. SOIL CONSERVATION SERVICE

Signature: [Signature]
DATE: 7-9-84

HEALTH OFFICER

APPROVED: OFFICE OF PLANNING AND ZONING

Signature: [Signature]
DATE: 7-10-84

PLANNING DIRECTOR

Signature: [Signature]
DATE: 7-10-84

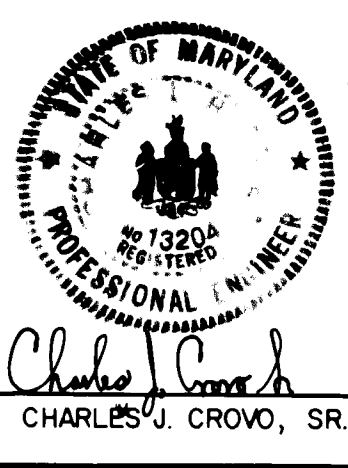
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

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

Signature: [Signature]
DATE: 6-29-84

CHIEF, BUREAU OF ENGINEERING

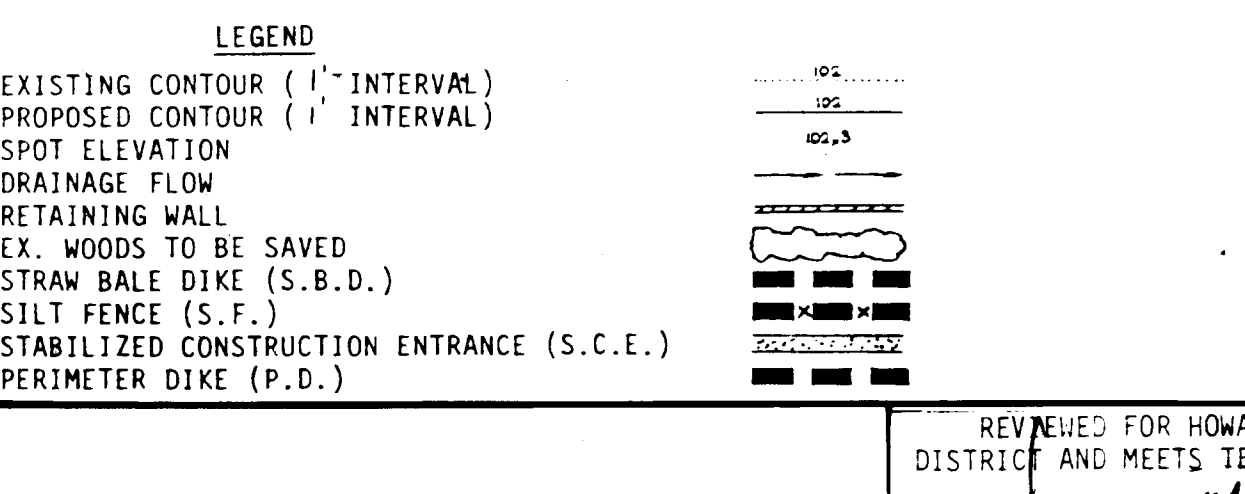
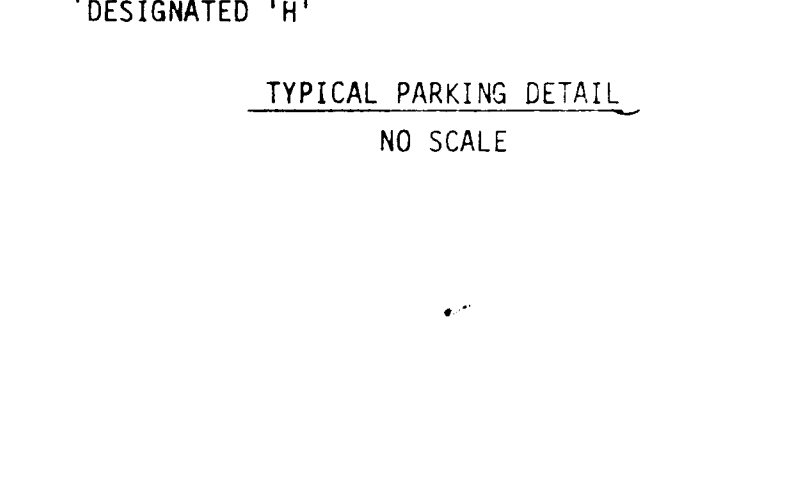
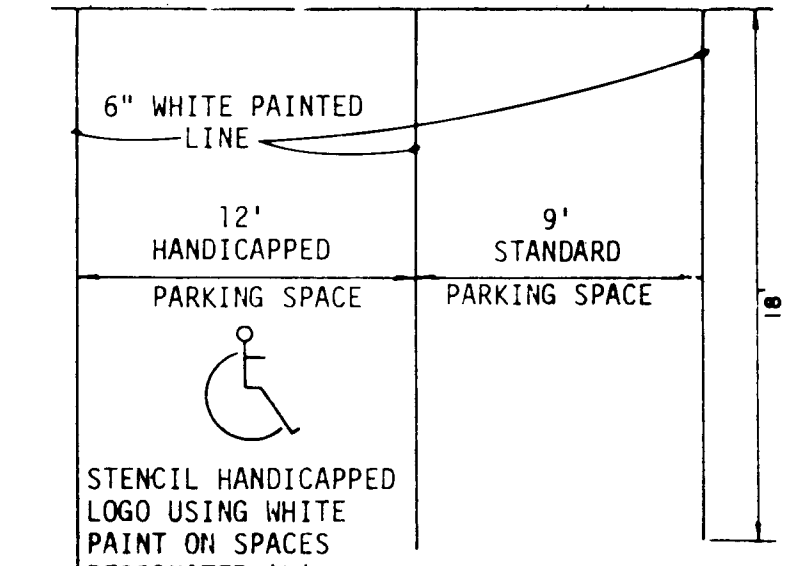
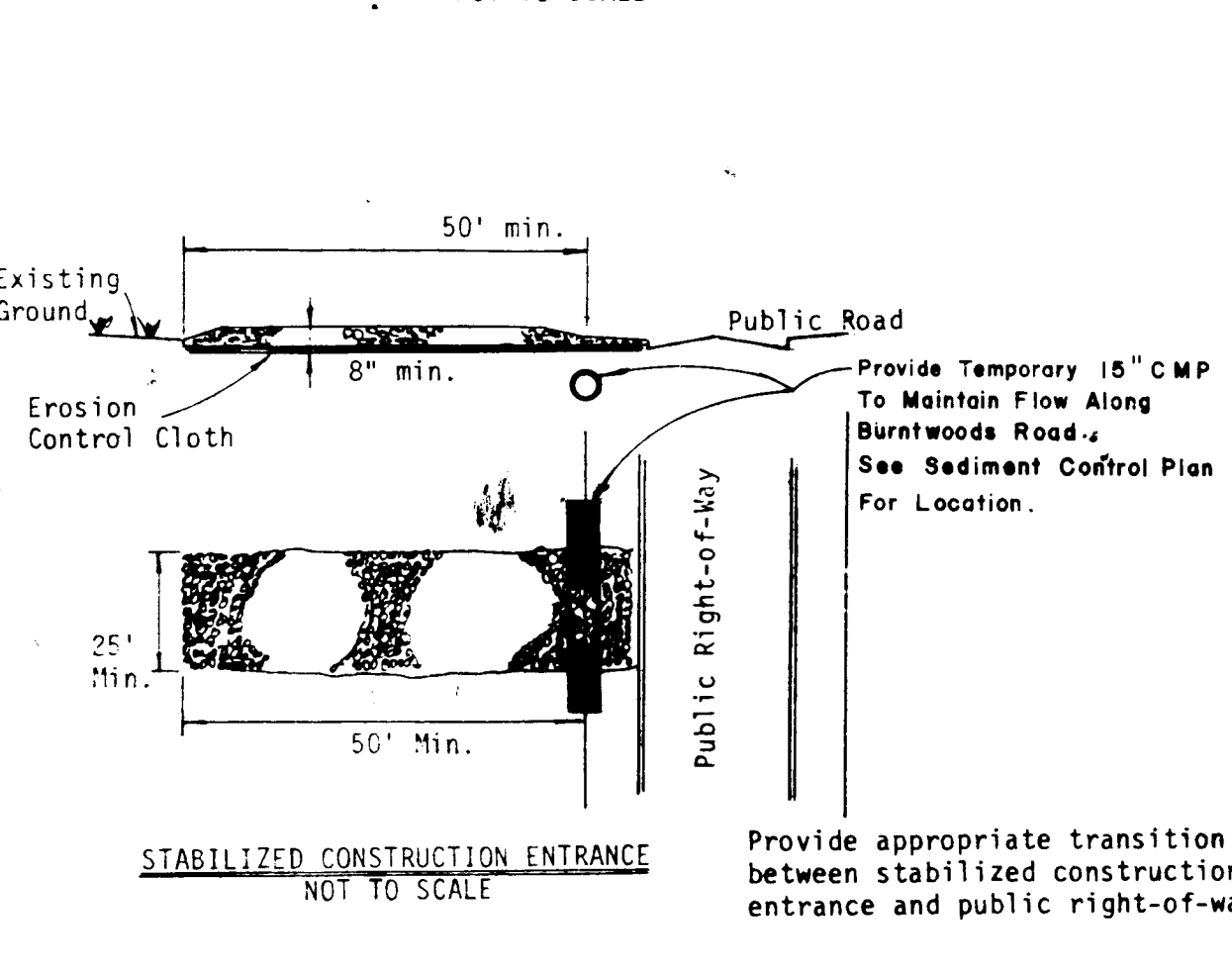
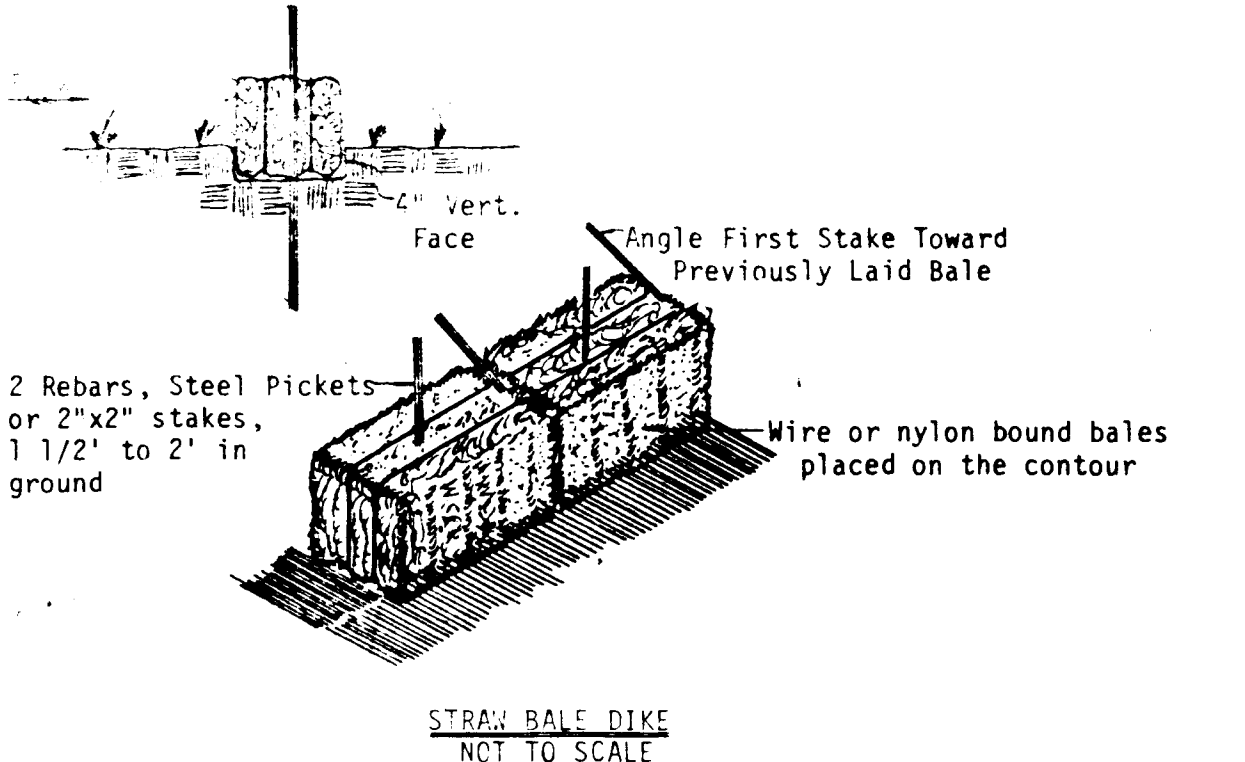
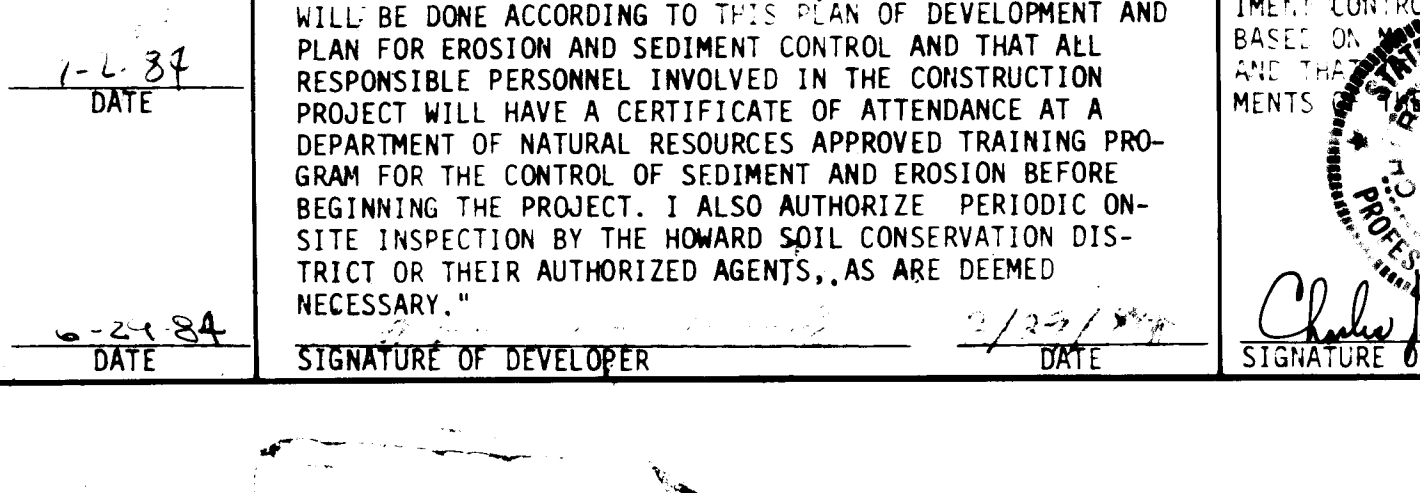
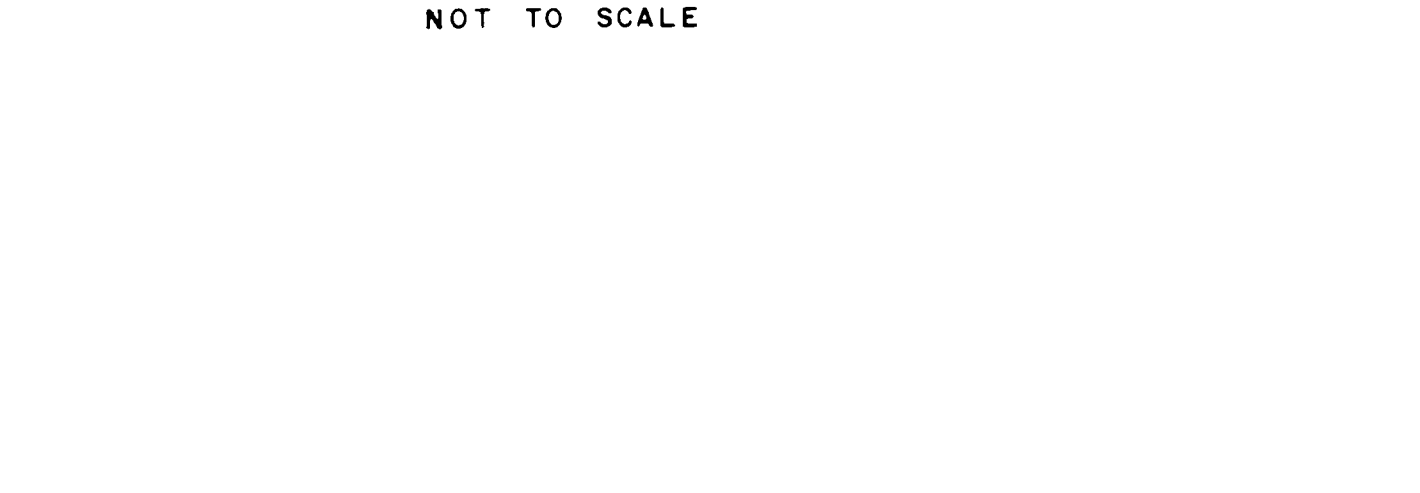
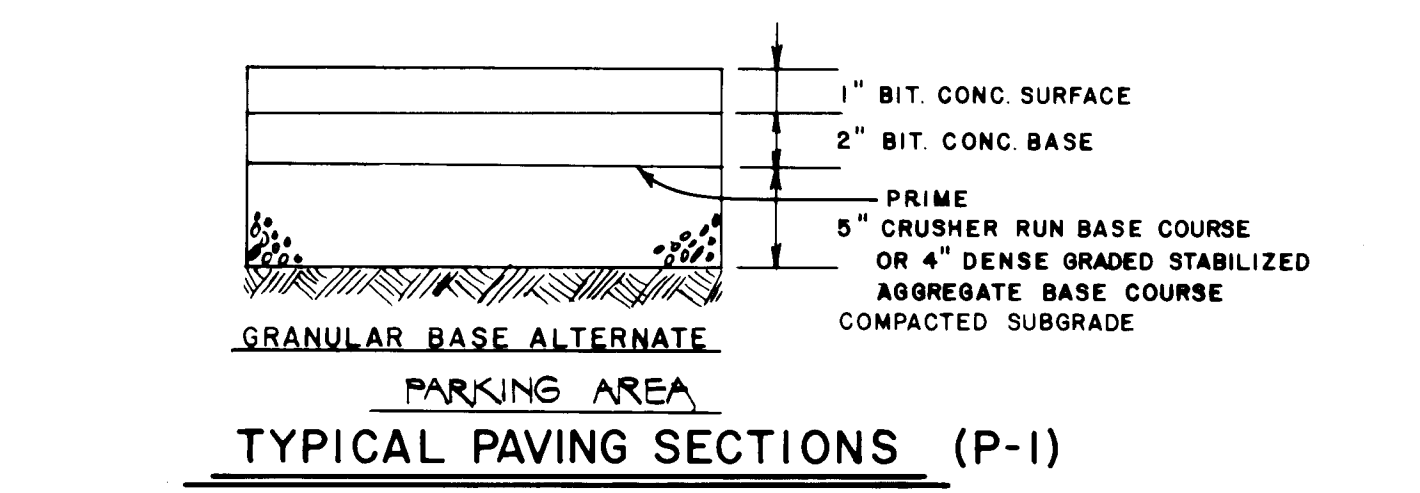
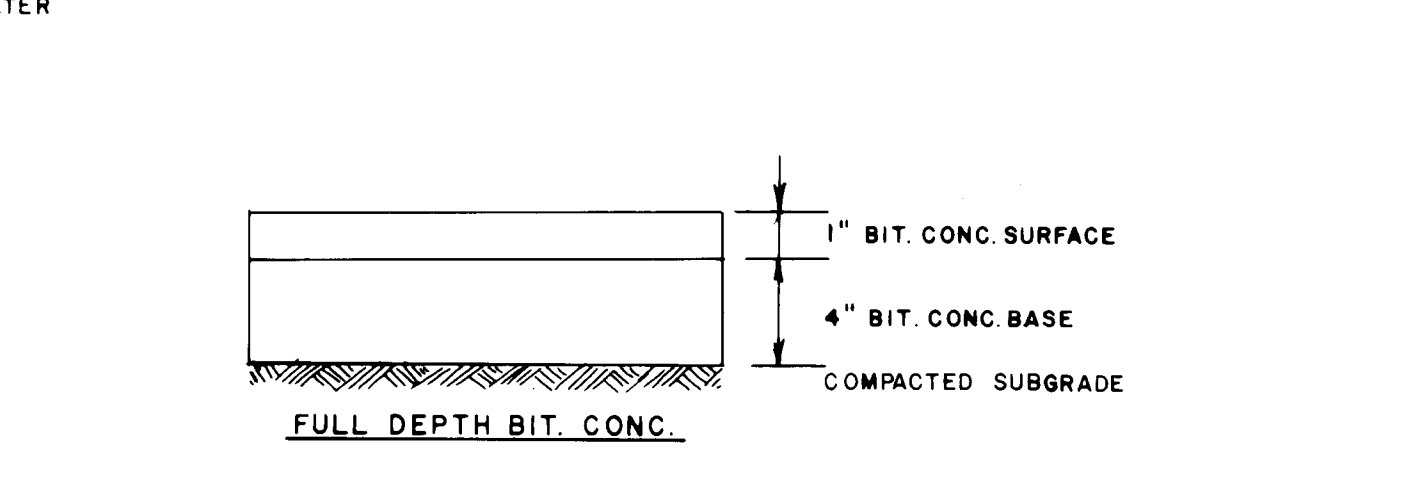
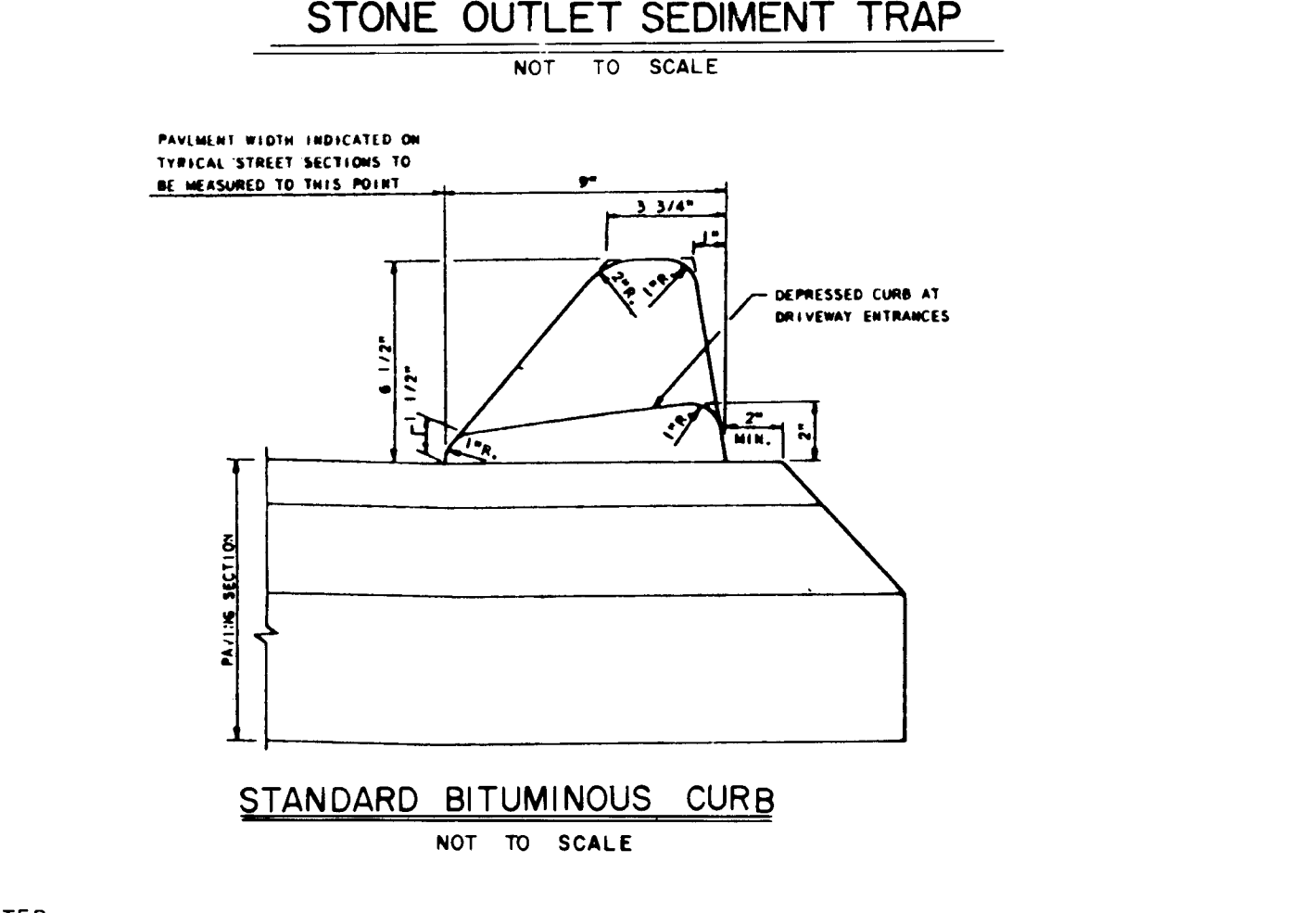
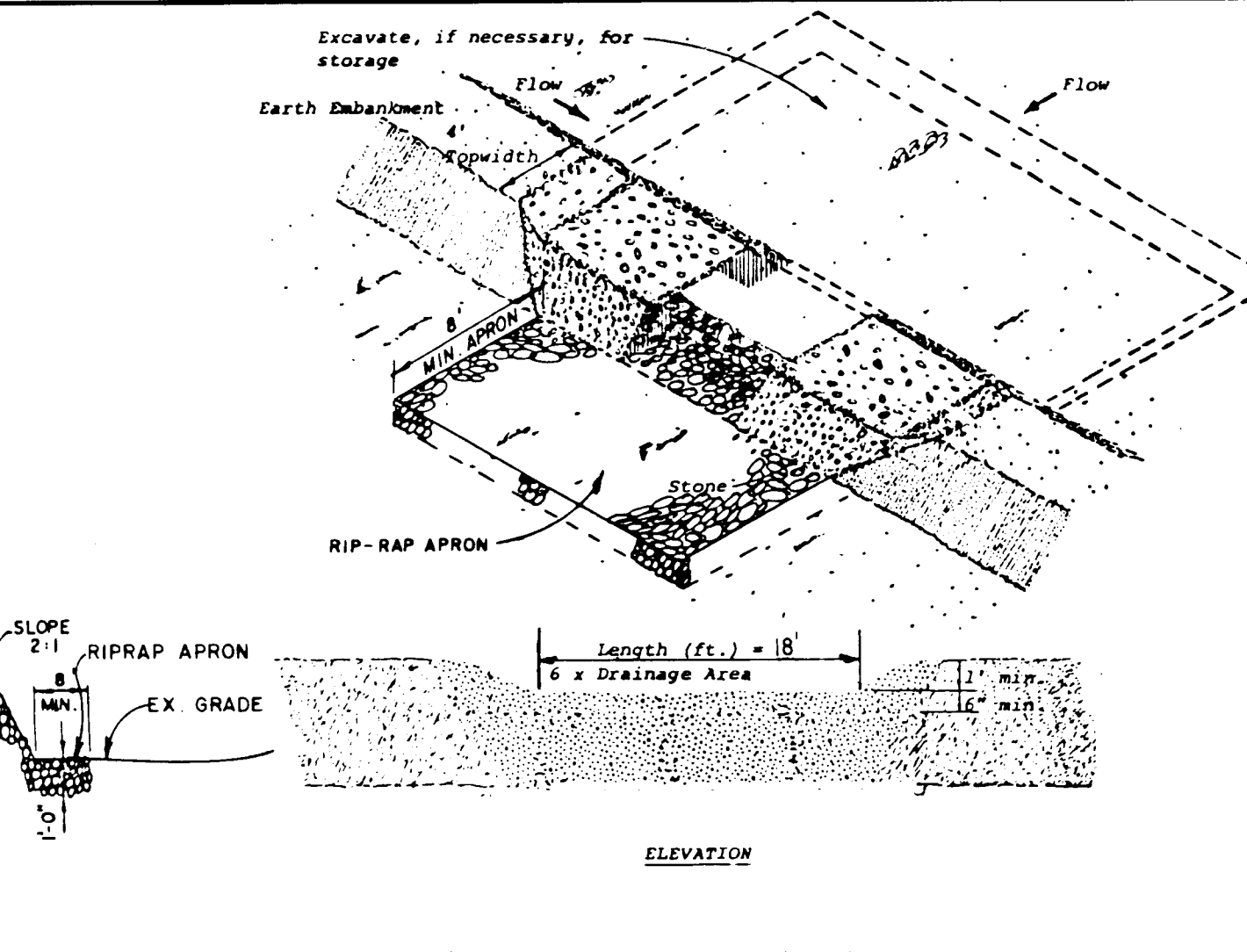
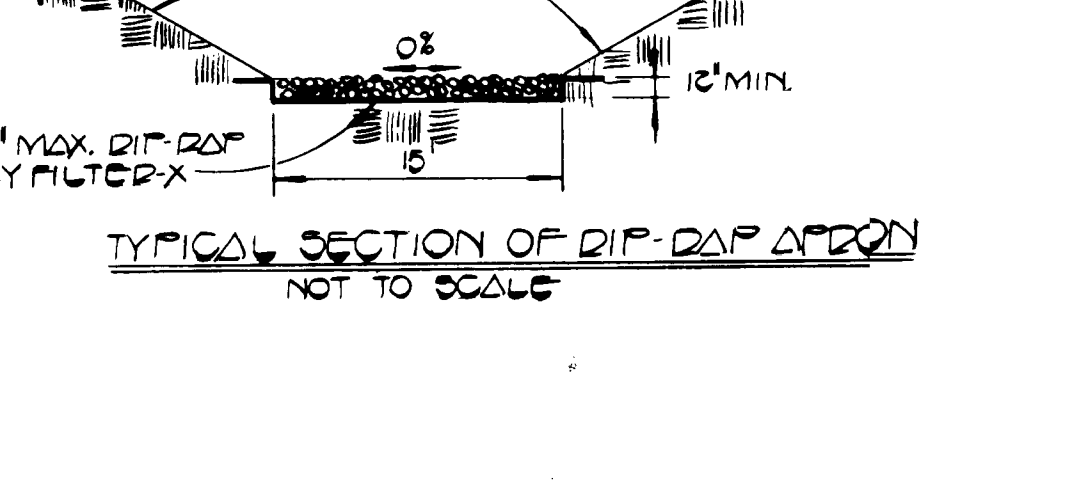
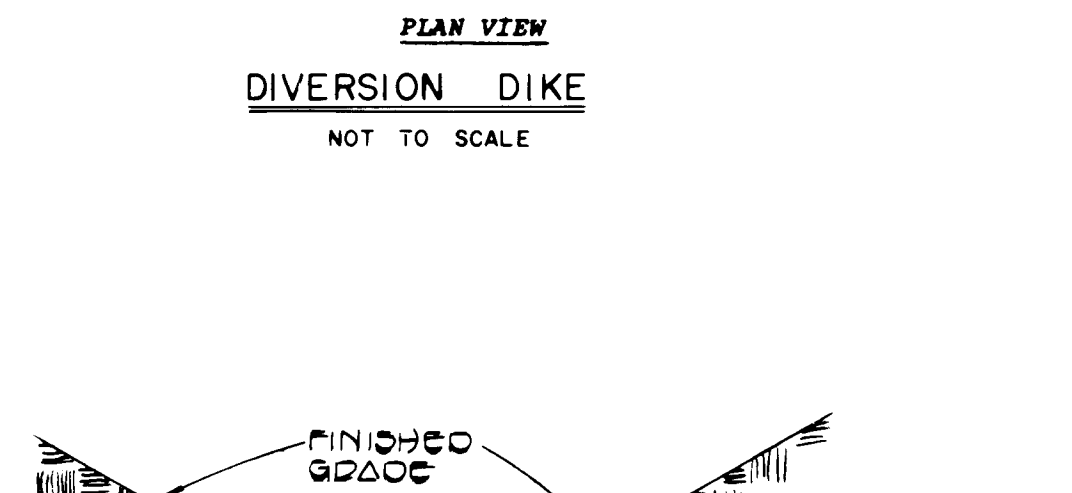
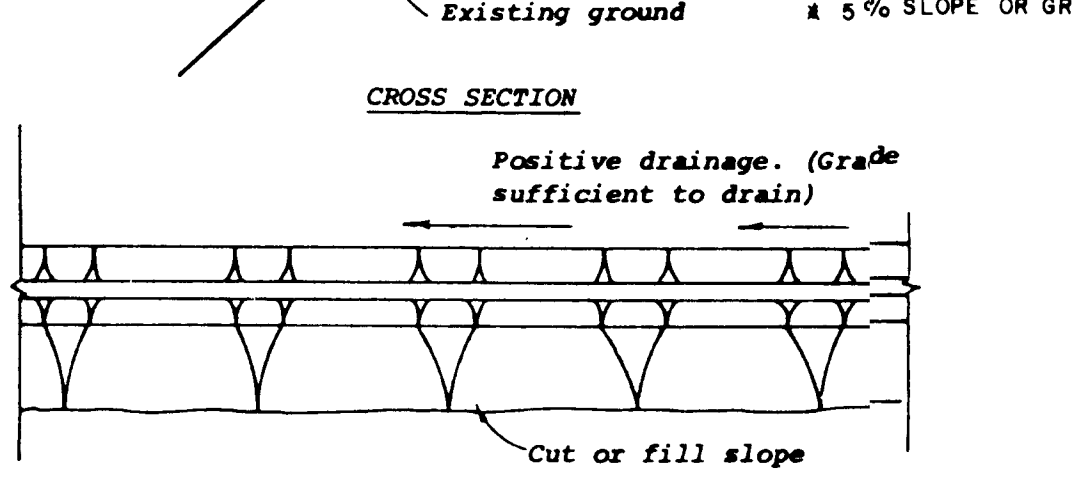
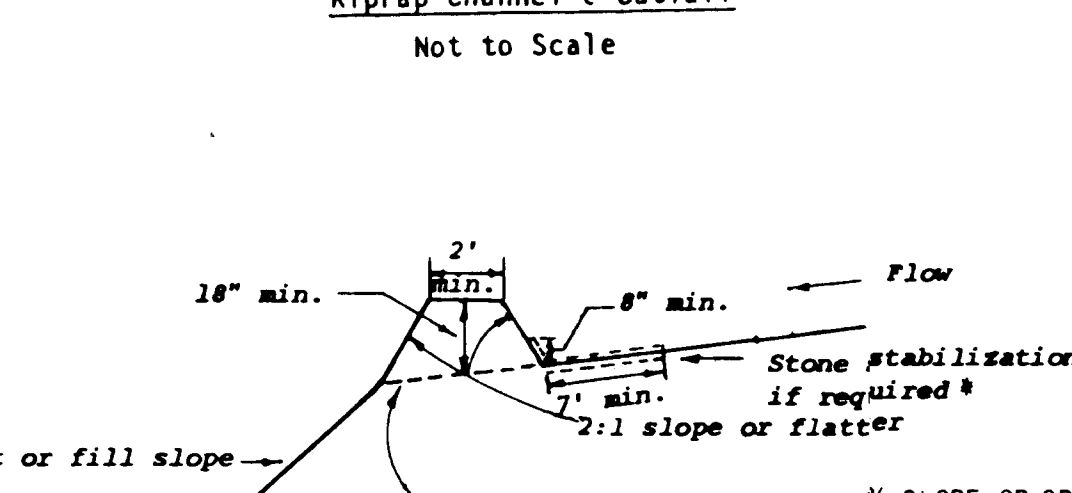
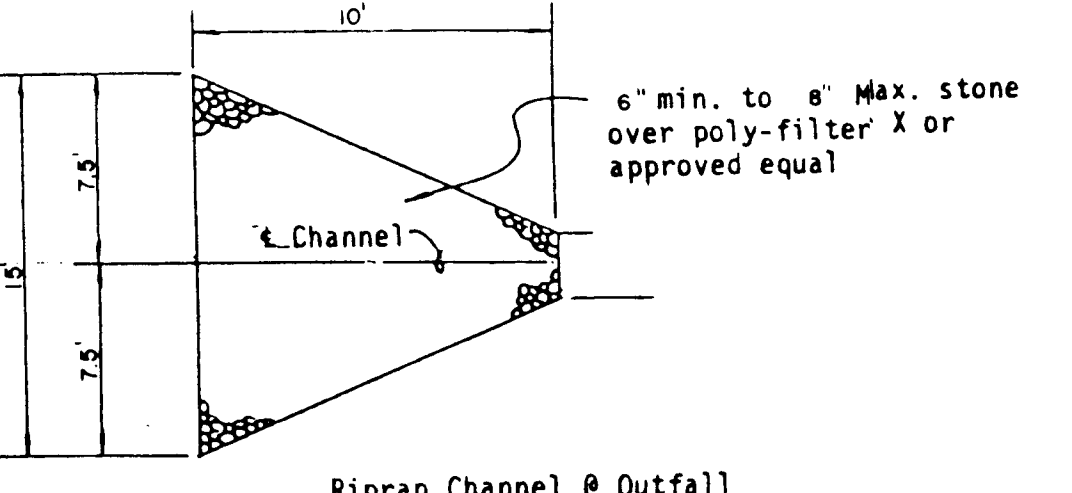
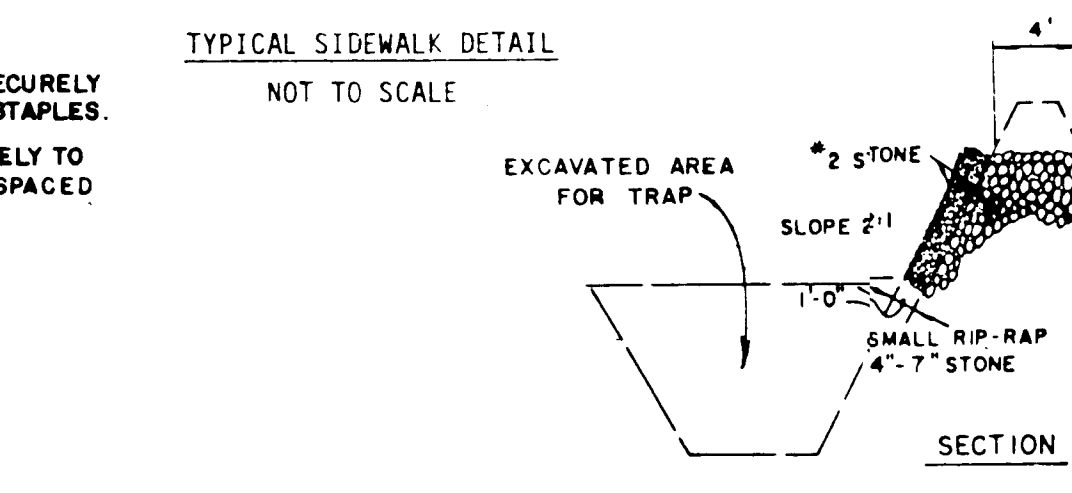
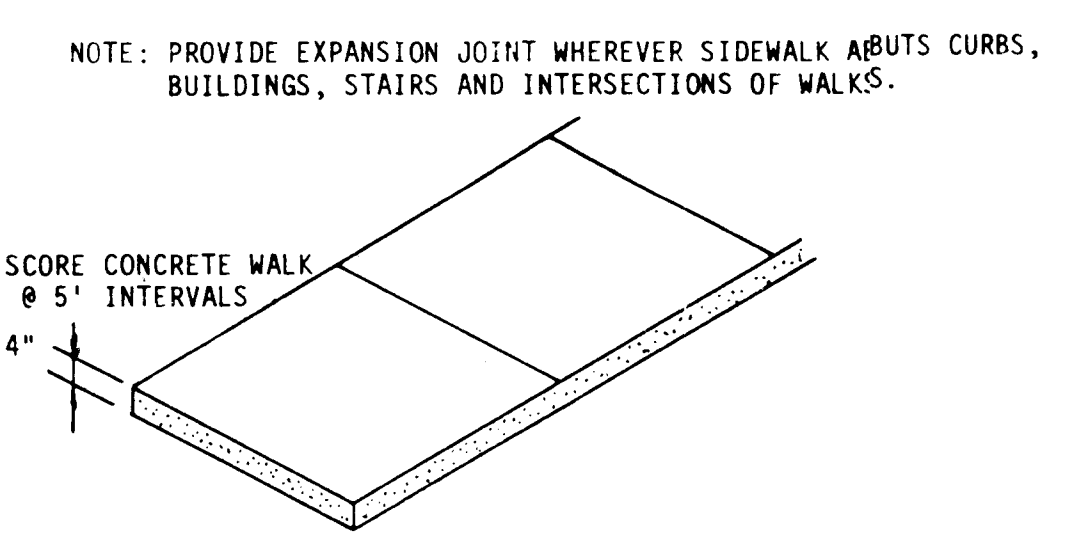
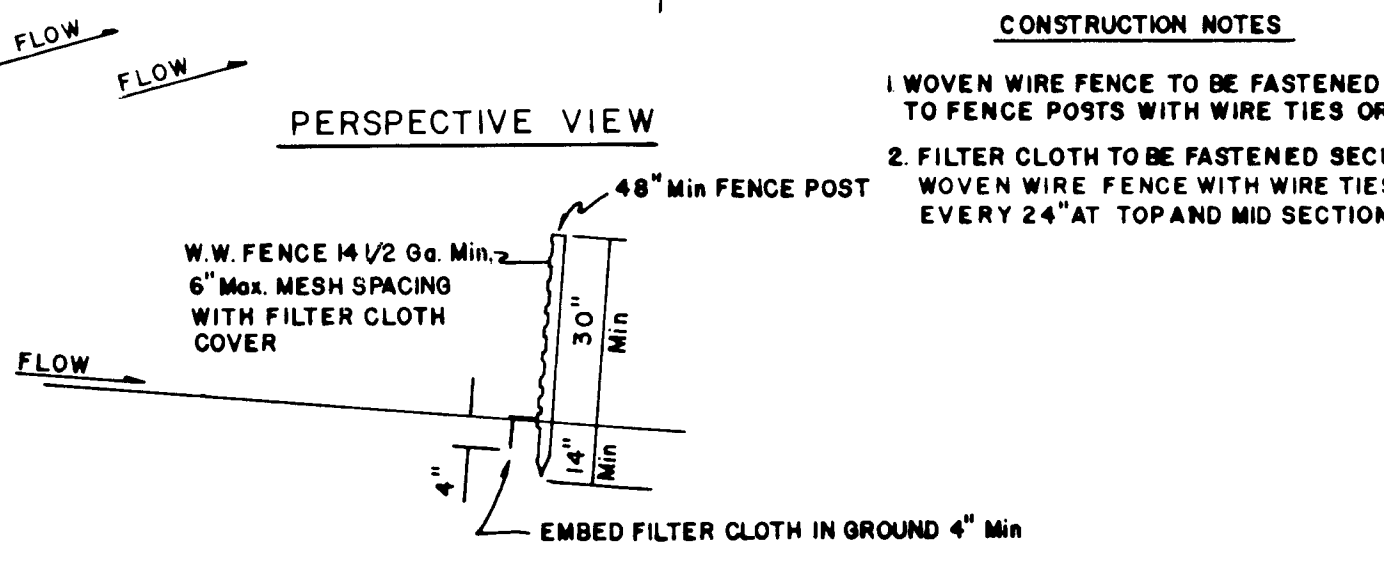
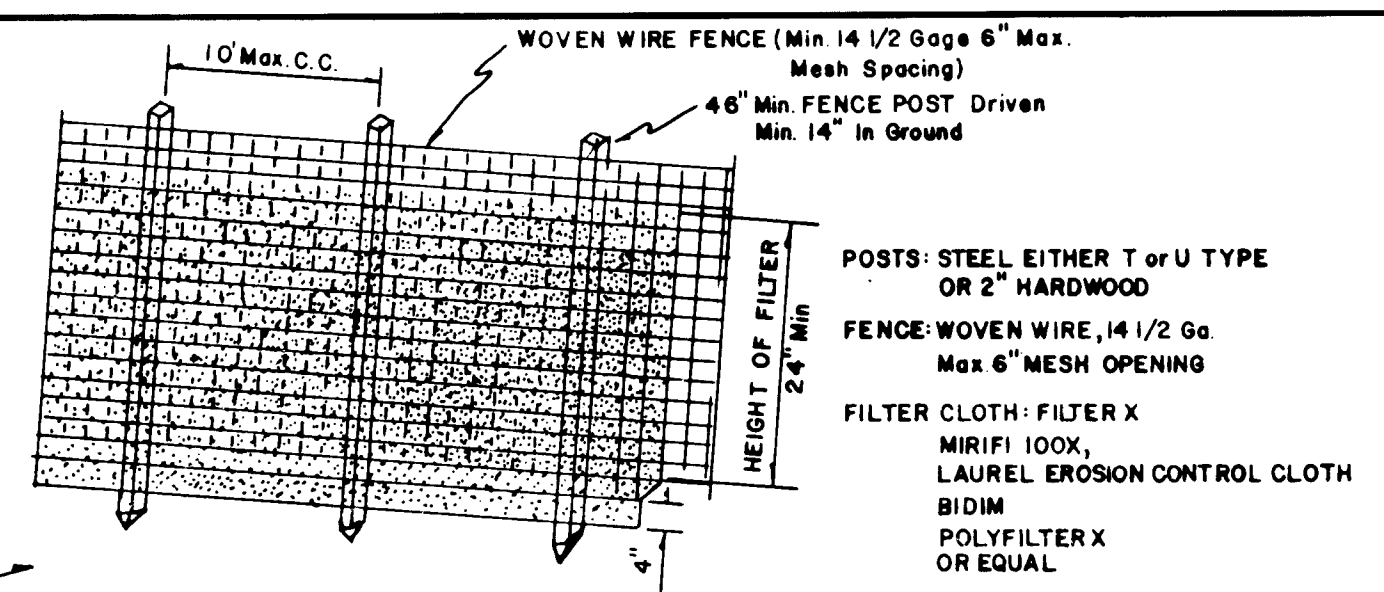
SUBDIVISION NAME		SECTION/AREA		LOT / PARCEL No.	
PROPERTY OF A. ROBERT LEAS		1/P 73			
PLAT No./L.F.	BLOCK No.	ZONE	TAX / ZONE	ELEC. DIST.	CENSUS TR.
4609	5	R	MAP 21	4 TH	#6060
WATER CODE N/A		SEWER CODE N/A			



SITE DEVELOPMENT PLAN
AMERICAN LUTHERAN CHURCH
PROPERTY OF A. ROBERT LEAS
LOT 1
TAX MAP 21 PARCEL 73
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 30'
FEBRUARY 21, 1984
REVISED MAY 14, 1984
SHEET 1 OF 3

SEDIMENT CONTROL NOTES:
 1. SPECIFICATIONS FOR THE SEDIMENT CONTROL DETAILS INCLUDED IN THE U.S.D.A. SOIL CONSERVATION SERVICE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS."
 2. THE DEVELOPER SHALL NOTIFY THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS AT LEAST 24 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON (792-7272).
 3. SEDIMENT CONTROL STRUCTURES TO BE CONSTRUCTED PRIOR TO ANY ON-SITE GRADING OR DISTURBANCE TO ANY EXISTING SURFACE MATERIAL, AND ARE TO BE STABILIZED AS SOON AS CONSTRUCTED.
 4. ALL SEDIMENT CONTROL STRUCTURES TO REMAIN IN PLACE UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS (792-7272).
 5. ALL GRADED AREAS NOT TO BE SODDED SHALL BE STABILIZED BY SEEDING AND MULCHING IN ACCORDANCE WITH THE FOLLOWING:
 1. SITE PREPARATION:
 A. HARROW OR DISC IN AREAS PROPOSED TO BE SEED THE FOLLOWING MATERIALS:
 1) PULVERIZED LIMESTONE AT 2 TONS/ACRE.
 2) COMMERCIAL FERTILIZER 10-10-10 AT 3/4 TONS/ACRE.
 3) SUPER PHOSPHATE AT 600 LBS./ACRE.
 2. SEEDING:
 A. SOW THE FOLLOWING SEED MIXTURE AT THE RATE OF 200 LBS./ACRE WITH A MECHANICAL SPREADER:
 1) TEMPORARY: ITALIAN OR PERENNIAL RYE GRASS.
 2) PERMANENT: 40% MARION BLUE GRASS, 40% DAKOTA BLUE GRASS AND 20% PENN LAWN CREEPING FESCUE.
 B. THE SEEDING AREA SHALL THEN BE RAKED WITH A YORK RAKE (A MINIMUM OF 2 PASSES) COVERED AND COMPACTED WITH CULTIPACKER OR OTHER APPROVED METHOD.
 3. MULCHING:
 A. SEEDING AREAS SHALL BE UNIFORMLY MULCHED IMMEDIATELY AFTER SEEDING WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 - 2 TONS/ACRE.
 B. TIE MULCH DOWN WITH LIQUID ASPHALT AT 0.1 GAL./S.Y. OR EMULSIFIED ASPHALT AT 0.04 GAL./S.Y. OR MULCH NETTING.



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

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
 U.S. SOIL CONSERVATION SERVICE
 THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED: [Signature] 6/28/84 DATE

APPROVED: OFFICE OF PLANNING AND ZONING
 [Signature] 6/28/84 DATE
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS.
 [Signature] 7-7-84 DATE
 CHIEF, BUREAU OF ENGINEERING

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
 [Signature] 1-6-84 DATE
 DIRECTOR, PUBLIC WORKS

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 OF DEVELOPER [Signature] DATE 6/17/84

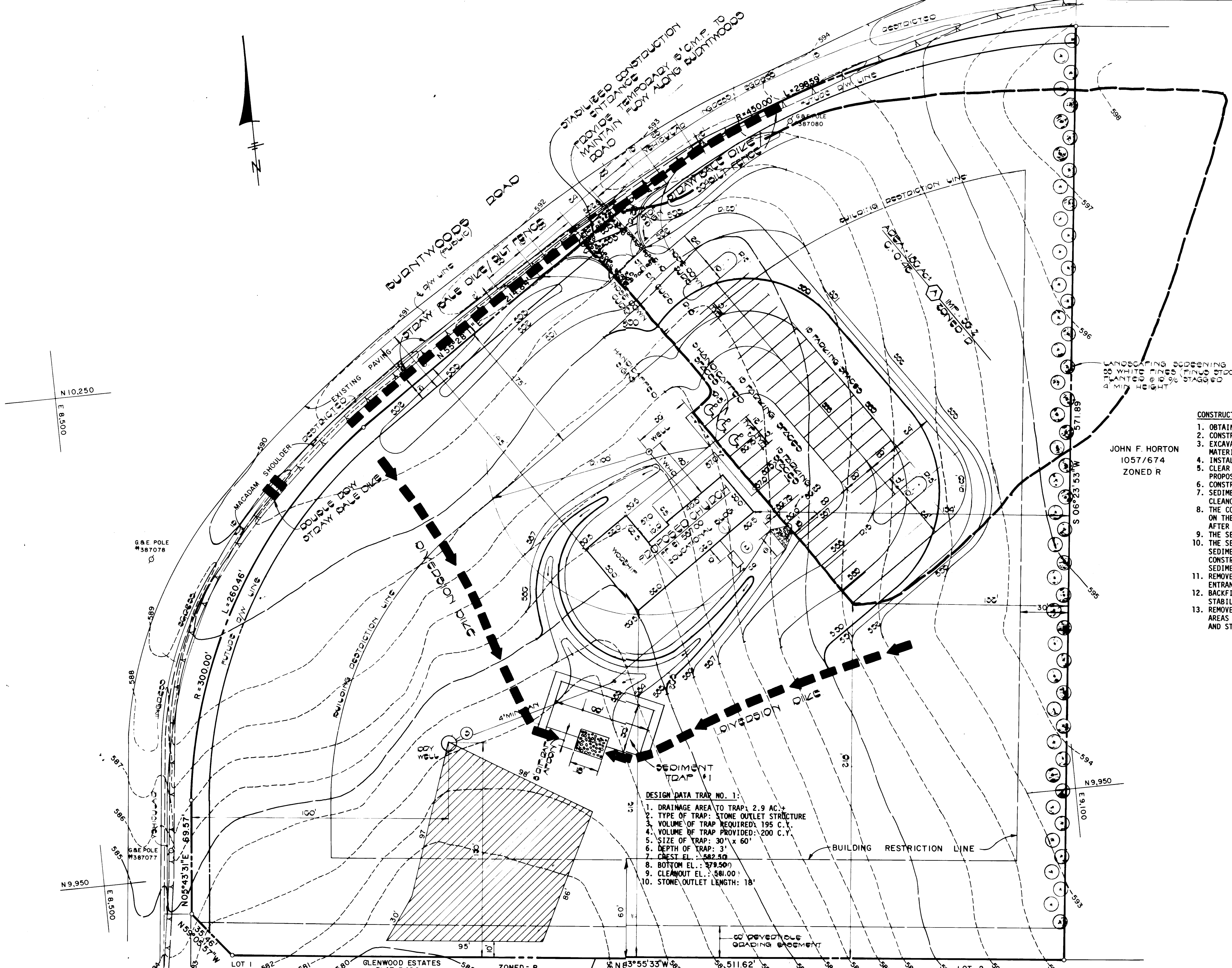
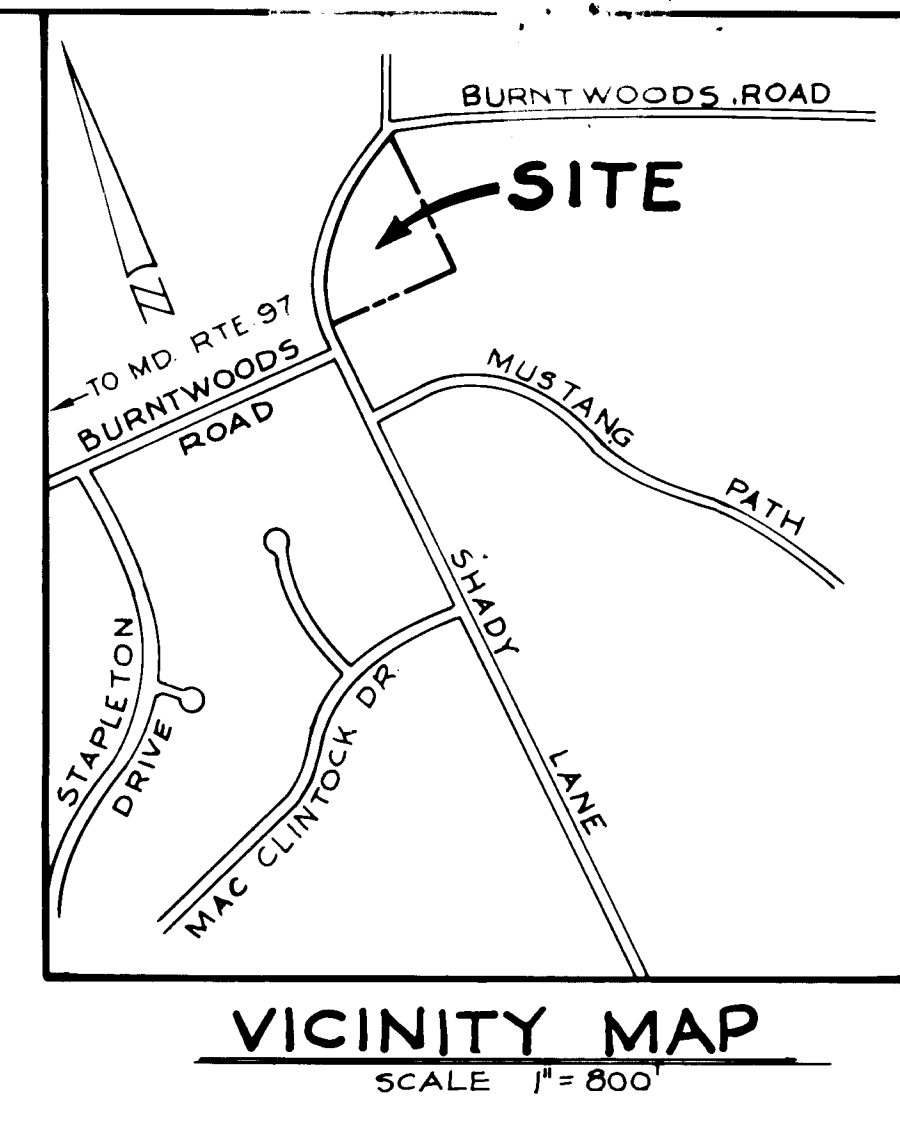
ENGINEER'S CERTIFICATE
 I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY BEST KNOWLEDGE OF THE SITE CONDITIONS AND THE REQUIREMENTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 SIGNATURE OF ENGINEER [Signature] DATE 6/17/84

NOTES & DETAILS
AMERICAN LUTHERAN CHURCH
 PROPERTY OF A ROBERT LEAS
 LOT 1
 TAX MAP 21 PARCEL 73
 4TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: AS SHOWN FEBRUARY 21, 1984
 REVISED: MAY 14, 1984
 SHEET 2 OF 3



OWNER & DEVELOPER
 THE AMERICAN LUTHERAN CHURCH
 422 SOUTH FIFTH STREET
 MINNEAPOLIS MINNESOTA 55415

6-5-84
 [Signature]



- CONSTRUCTION SEQUENCE:**
- OBTAIN GRADING PERMIT.
 - CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AS SHOWN ON PLAN.
 - EXCAVATE SEDIMENT TRAP TO REQUIRED DIMENSIONS. USE EXCAVATED MATERIAL TO CONSTRUCT DIVERSION DIKE.
 - INSTALL STRAW BALE DIKE/SILT FENCE ALONG BURNTWOODS ROAD.
 - CLEAR AND GRUB SITE TO SUBGRADE. STOCKPILE EXCESS SOIL IN PROPOSED LANDSCAPE MOUND AREAS.
 - CONSTRUCT BUILDING, CONSTRUCT PARKING LOT & ENTRANCE ROAD.
 - SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT TRAP WHEN THE CLEANOUT ELEVATION HAS 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.
 - THE SEDIMENT TRAPS SHALL BE DETERGERED BY PUMPING IF NECESSARY.
 - THE SEDIMENT FROM THE TRAPS SHALL BE PLACED UP-GRADE FROM THE SEDIMENT TRAPS IN SUCH A MANNER AS NOT TO INTERFERE WITH CONSTRUCTION OPERATIONS OR CAUSE EROSION DOWNGRADE FROM THE SEDIMENT TRAPS.
 - REMOVE SEDIMENT FROM ROADWAYS AND DRESS STONE CONSTRUCTION ENTRANCE AS REQUIRED.
 - BACKFILL SEDIMENT TRAP WITH EARTH USED FOR DIVERSION DIKE AND STABILIZE DISTURBED AREA WITH SEEDING MIXTURE.
 - 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.

- SITE ANALYSIS**
- TOTAL AREA OF PARCEL: 5.417 AC.±
 - TOTAL AREA TO BE DISTURBED: 1.6 AC.±
 - TOTAL IMPERVIOUS AREA: 0.6 AC.±
 - TOTAL AREA TO BE REVEGETATED: 1.0 AC.±

- DESIGN DATA TRAP NO. 1:**
- DRAINAGE AREA TO TRAP: 2.9 AC.±
 - TYPE OF TRAP: STONE OUTLET STRUCTURE
 - VOLUME OF TRAP REQUIRED: 195 C.Y.
 - VOLUME OF TRAP PROVIDED: 200 C.Y.
 - SIZE OF TRAP: 30' x 60'
 - DEPTH OF TRAP: 2'
 - CREST EL.: 582.50
 - BOTTOM EL.: 579.50
 - CLEANOUT EL.: 581.00'
 - STONE OUTLET LENGTH: 18'

ADDRESS CHART	
LOT No.	ADDRESS
1	14551 BURNTWOODS ROAD

APPROVED
DIVISION OF PLANNING AND ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
6-5-84
M. S. [Signature]

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVE.
ELLCOTT 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 COUNTY SOIL CONSERVATION DISTRICT.

Signature: [Signature]
DATE: 6/19/84

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: [Signature]
DATE: 2/29/84

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

Signature: [Signature]
DATE: 6/18/84
U.S. SOIL CONSERVATION SERVICE

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

Signature: [Signature]
DATE: 6/18/84
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING

Signature: [Signature]
DATE: 7/28/84
PLANNING DIRECTOR

Signature: [Signature]
DATE: 7/28/84
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

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

Signature: [Signature]
DATE: 7/28/84
HEALTH OFFICER

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

Signature: [Signature]
DATE: 6-29-84
DIRECTOR OF PUBLIC WORKS

Signature: [Signature]
DATE: 6-29-84
CHIEF, BUREAU OF ENGINEERING

SUBDIVISION NAME	SECTION/AREA	LOT / PARCEL No.
PROPERTY OF A. ROBERT LEAS		1 / P 73
PLAT No./L.F. BLOCK No. ZONE	TAX / ZONE	ELEC DIST CENSUS TR.
4609 5 R	MAP 21 4TH	#6060
WATER CODE N/A	SEWER CODE N/A	

SEDIMENT CONTROL PLAN

AMERICAN LUTHERAN CHURCH
PROPERTY OF A. ROBERT LEAS
LOT 1
TAX MAP 21 PARCEL 73
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 30' FEBRUARY 21, 1984
REVISED MAY 14, 1984
SHEET 3 OF 3

Signature: [Signature]
CHARLES J. GROVO, SR.