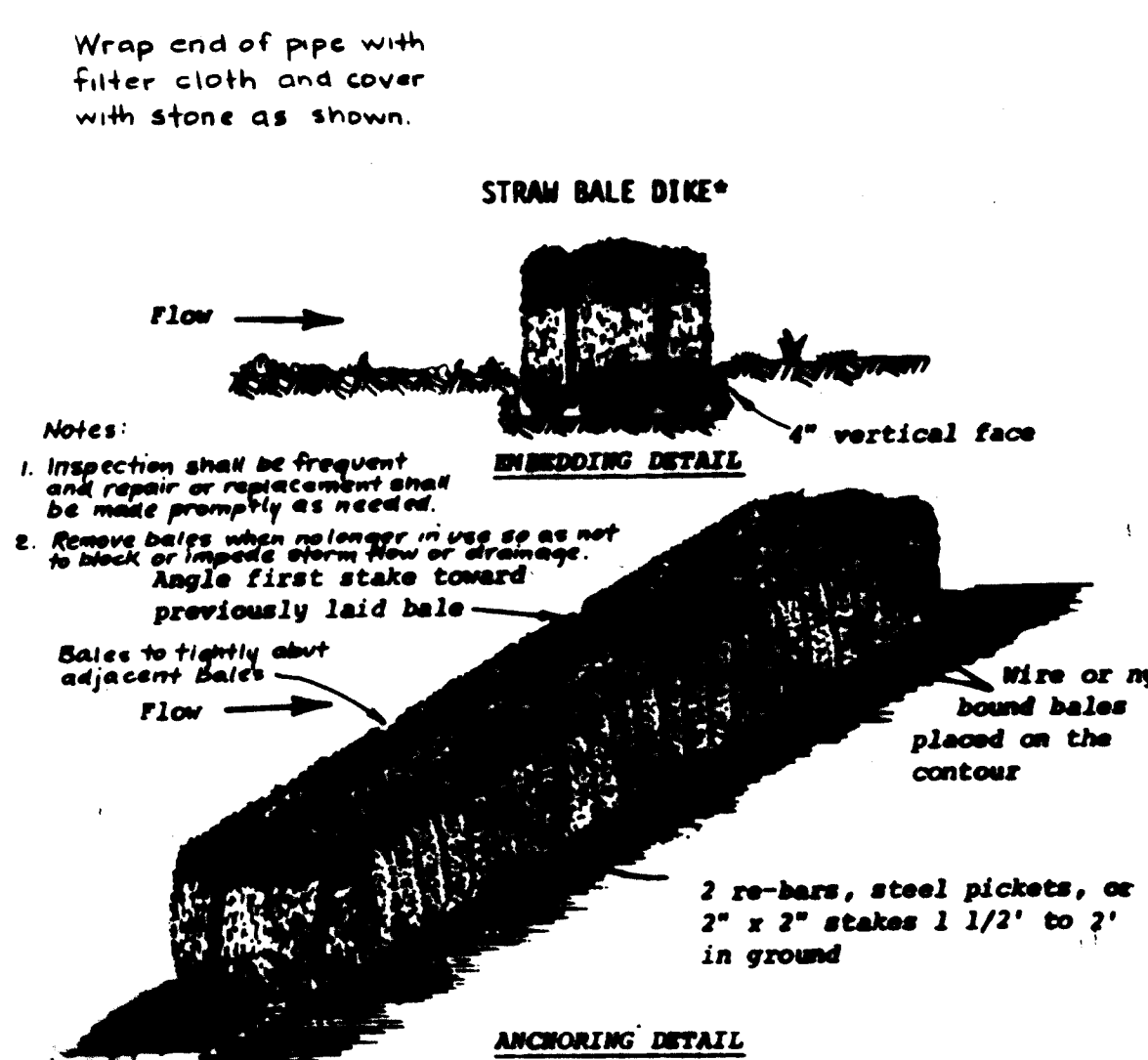
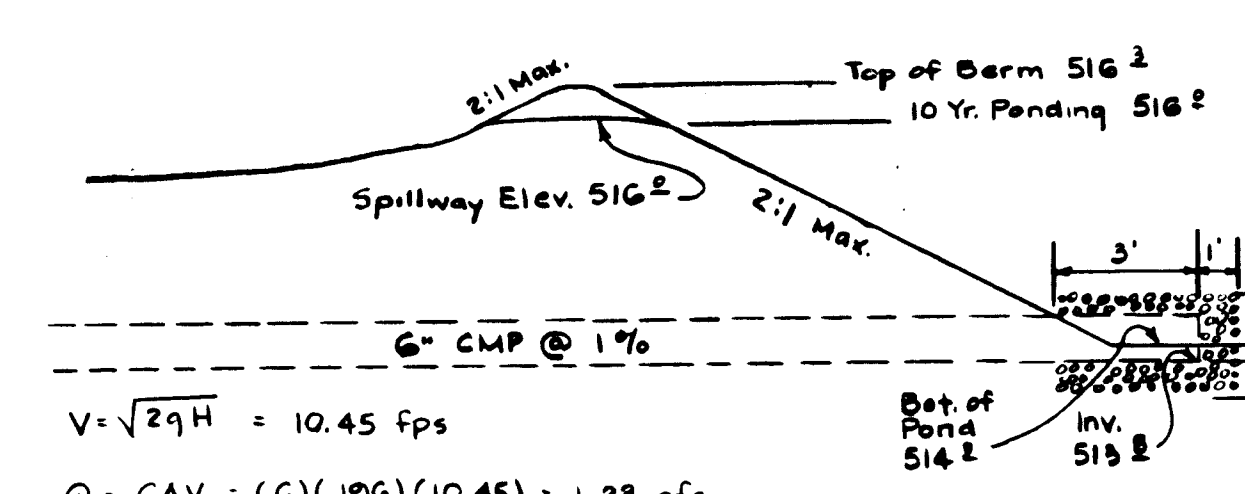
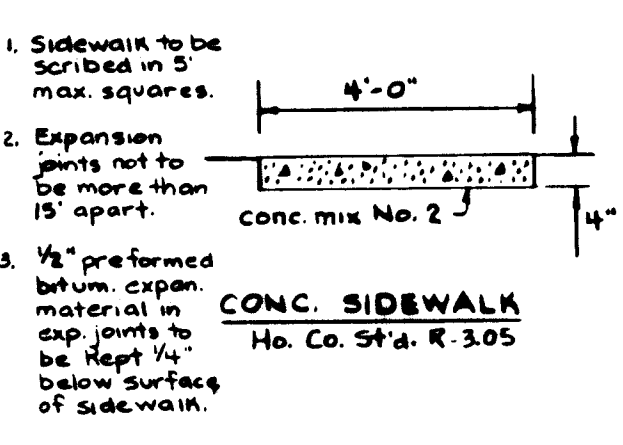
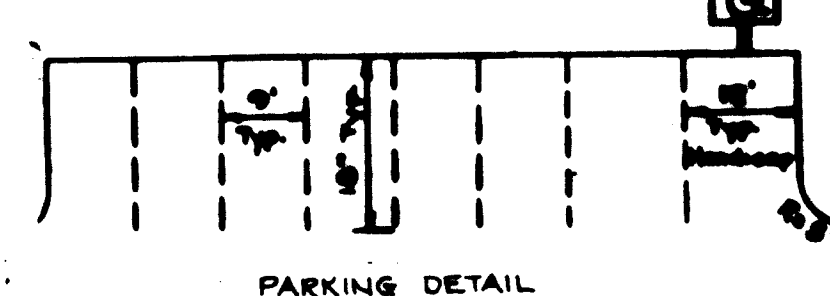
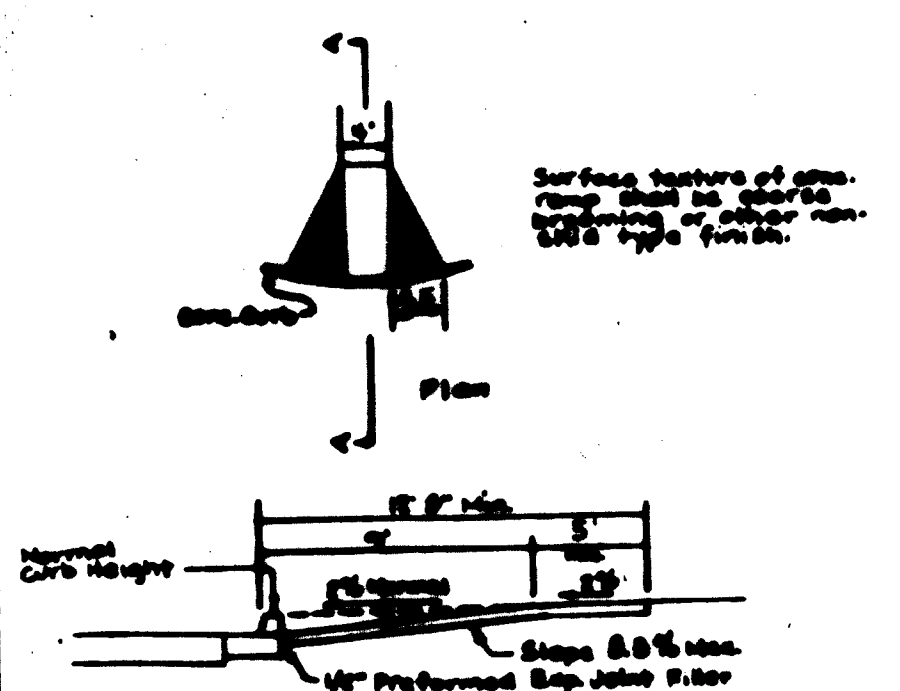
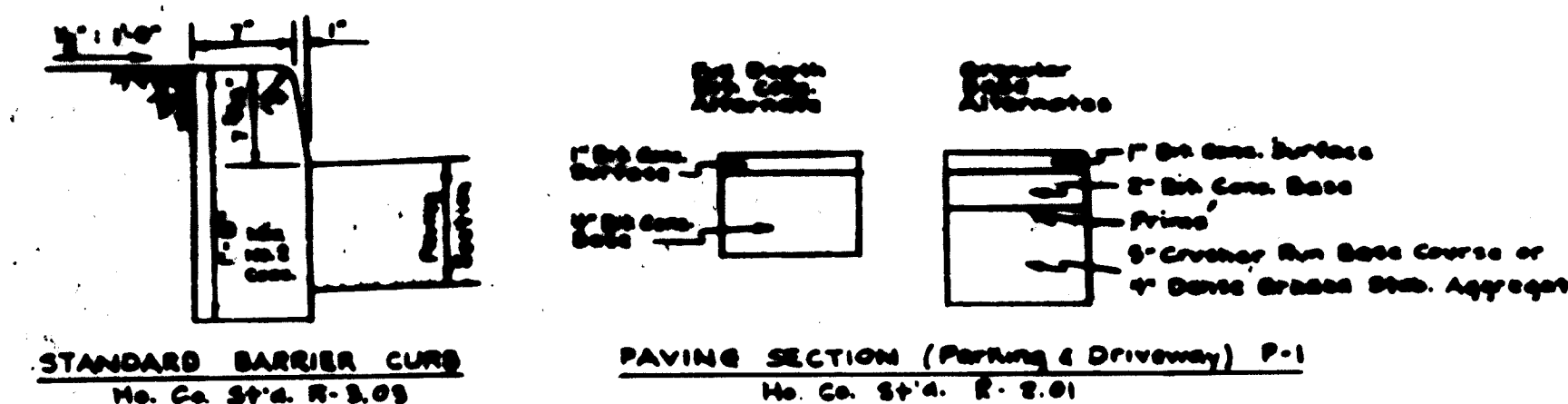
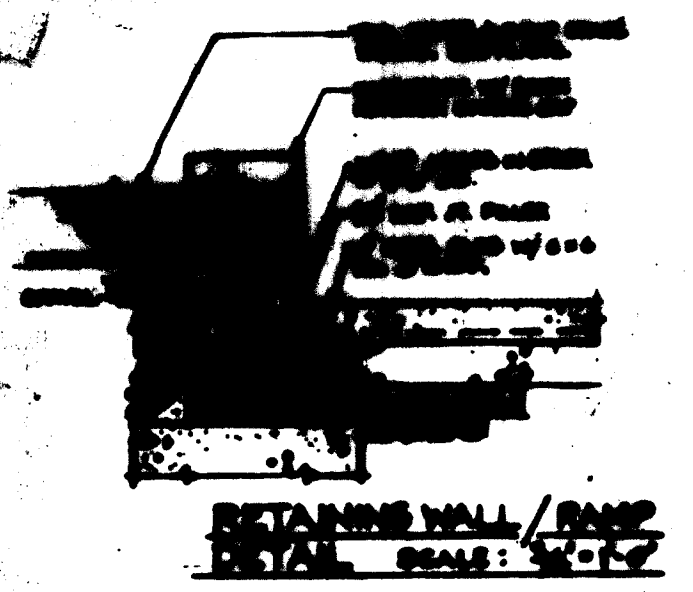
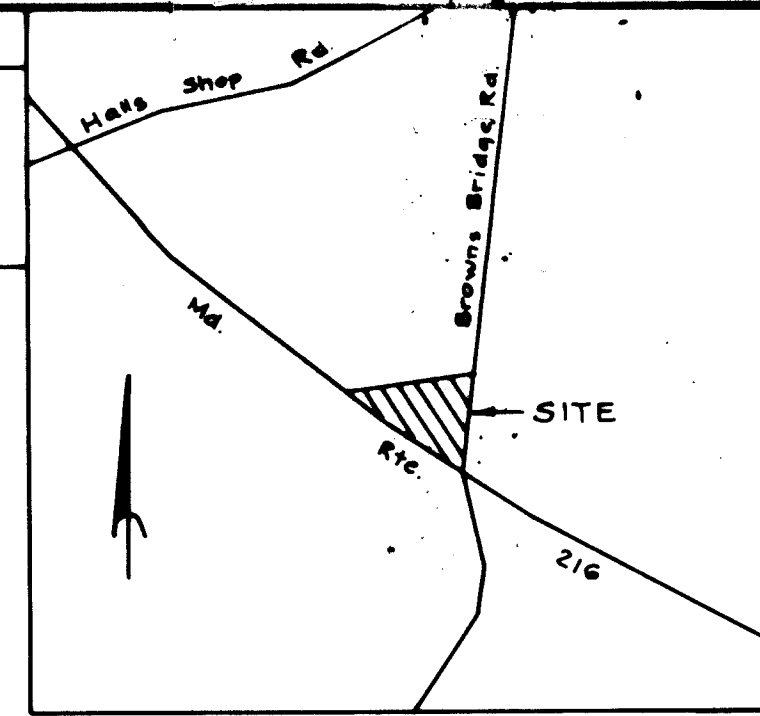


ADDRESS CHART		Subdivision Name		Sect./Area	Lot/Parcel #	Owner/Developer	
		Mt. Zion Methodist Church			140	Mt. Zion Methodist Church	
Lot No.	Street Address	Plot # or L/R	Block #	Zone	Tax/Zone Map	Elect. Dist.	Census Tr.
140	12426 Scaggsville Rd (MD. RT. 216)	11/107, 114/111, 114/113	18	R	40	5th	6051
		Water Code		Sewer Code			

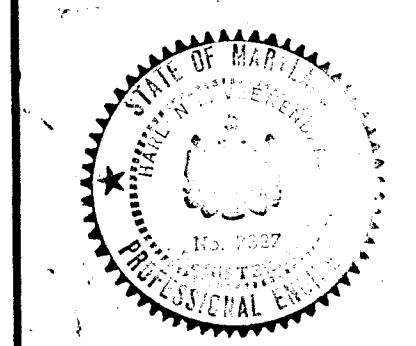


**APPROVED**  
**DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION**  
**HOWARD COUNTY, MARYLAND**  
**DATE 7-17-84**  
*M. J. [Signature]*

Bearings shown on this plat are referred to the system of coordinates established in the Maryland Grid System and are based on the following traverse stations:  
 Ho. Co. Mon. 2236001  
 Ho. Co. Mon. 2236002

By the Developer: "I certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at the Dept. of Natural Resources Approval Training Program for the Control of Sediment and Erosion before beginning the project."  
*Edwin A. Woolson* 6/28/84  
 Signature Date

By the Engineer: "I 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."  
*H. E. Veensdaal* 6/28/84  
 Signature Date



*H. E. Veensdaal* 6/28/84  
 Harlan E. Veensdaal # 7327 Date

B.A. CASE # 84-05E Board took meeting action on R/W setback for Md. RTE. 216

GENERAL NOTE: The contractor or developer shall contact the Construction Inspection/Survey Division 24 hours in advance of commencement of work at 742-1272

OWNER: Mt. Zion Methodist Church  
 P.O. Box 44  
 2507 Scaggsville Rd.  
 Highland, MD 20711

Note: See Architectural Drawg. for additional construction details.  
 William H. Doughty, 7315 Wisconsin Ave. #206  
 Bethesda, Md. 20814 786-5566

APPROVED: For Storm Drainage Systems and Roads.  
 HOWARD COUNTY, DEPT. OF PUBLIC WORKS.  
*R. J. M. Bringer* 7-26-84  
 Director Date

APPROVED: For Water and Sewerage Systems.  
 HOWARD COUNTY DEPT. OF HEALTH AND MENTAL HYGIENE.  
*J. [Signature]* 7-26-84  
 Health Officer Date

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.  
*[Signature]* 7-26-84  
 Planning Director Date

Reviewed for S.C.D. and meets Technical Requirements.  
*[Signature]* 7-18-84  
 U.S. Soil Conservation Service Date

This Development Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.  
*[Signature]* 7-18-84  
 Howard S.C.D. Date

no.	Description	Date
1	Revise R/W (BRL) along Md. Rte 216 (BA 84-05E)	6-28-84
2	Remove Alt. #1	7-5-84
3	BUILDING ADDITION (BA NO. 84-05E CIV)	9-2-84

Prepared by  
**RBA** ENGINEERS • ARCHITECTS • PLANNERS  
 WILDE LAKE VILLAGE GREEN, SUITE 207  
 COLUMBIA, MARYLAND 21044  
 301/730-7900 500-3824

**SITE PLAN**  
 MT. ZION METHODIST CHURCH BUILDING ADDITION  
 Parcel 140, Tax Map 40, Zoned R  
 5th Election Dist., Howard Co., Md.

SCALE 1" = 30'	DRAWN MK	CHECKED JH
	PROJ. NO. 4578	DATE 2-17-84
	SHEET 1	OF 2

SWM DATA

LAND USE	SOIL GROUP	% IMP	CN	S	Q <sup>1</sup> /Ac.	D.A.	Q <sub>s</sub> /cfs
Church	B	25	70	4.28	0.86	0.79	Q <sub>s</sub> /0.72
Church	B	48	79	2.66	1.37	0.79	Q <sub>s</sub> /1.69
Church	B	25	70	4.28	2.11	0.79	Q <sub>s</sub> /2.77
Church	B	48	79	2.66	2.89	0.79	Q <sub>s</sub> /3.56

Q<sup>1</sup>: Predevelopment Q<sup>2</sup>: Post development  
 $\frac{Q_1}{Q_2} = 0.54$   $\frac{V_s}{V_R} = 0.32$  Req'd. Storage = 917  
 $\frac{Q_1}{Q_2} = 0.63$   $\frac{V_s}{V_R} = 0.25$  Req'd. Storage = 2072  
 Storage Provided = 2200 cu. ft.

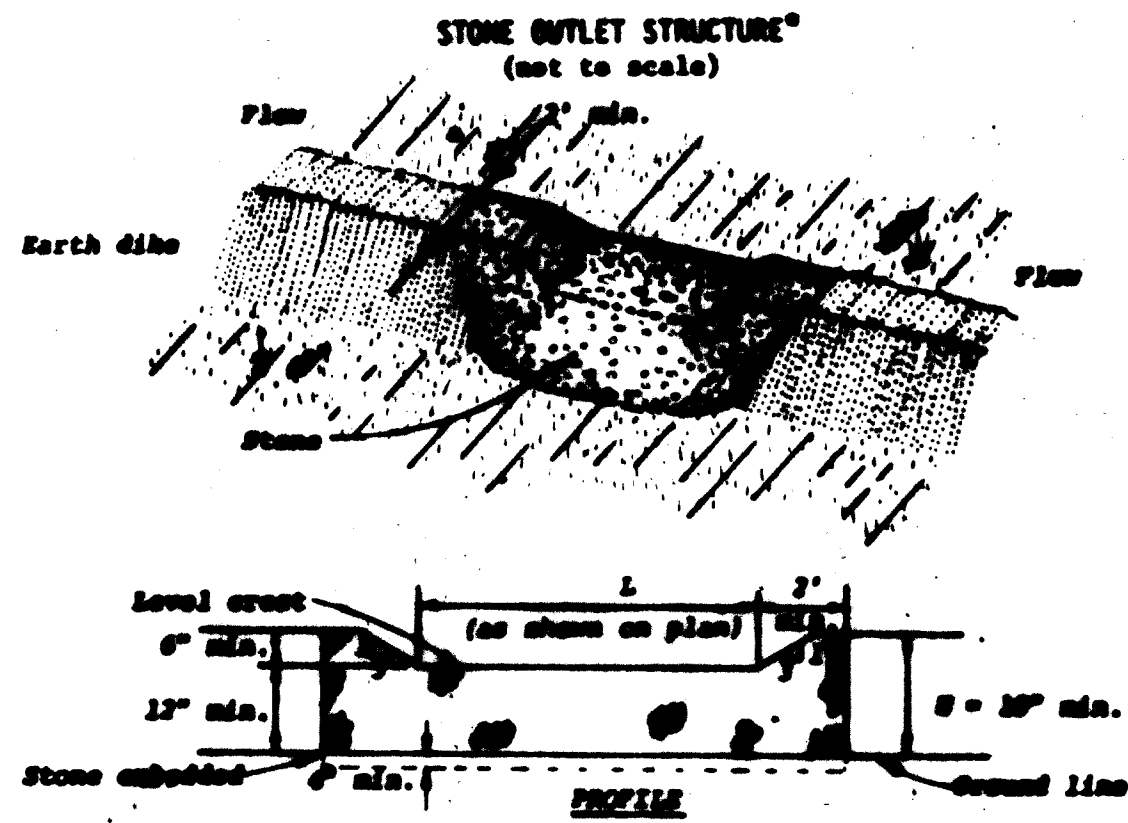
SITE ANALYSIS:  
 Area of Parcel = 4.774 Acres  
 Area Exist. Bldg. Coverage = 10,855 Sq. Ft. (2.27%)  
 Area Prop. Bldg. Coverage = 5170 Sq. Ft. (1.08%)  
 Area Total Bldg. Coverage = 16,025 Sq. Ft. (3.35%)  
 Bldg. Use - Church Study, Counseling, Day Care, Instruction  
 Zoning - R; See BA case # 84-05E  
 Exist. Parking Spaces = 100  
 # Parking Spaces Req'd. (incl. 5 HC) = 100  
 Parking Spaces Provided (incl. 5 HC) = 117  
 # (No. of Fixed Seats = 300)  
 1 Parking Space req'd. per ca. 5 fixed seats; 1 HC space req'd. per ca. 25 parking spaces

**SEQUENCE OF CONSTRUCTION**

1. OBTAIN BUILDING PERMIT.
2. CONSTRUCT AND MAINTAIN SEDIMENT CONTROL DEVICES AS SHOWN ON PLANS.
3. REMOVE EXISTING PAVING AS REQUIRED BY PLAN.
4. BRING PROPOSED PARKING LOT TO GRADE & APPLY BASE COURSE TO ACT AS STABILIZED CONSTRUCTION ENTRANCE.
5. PROCEED WITH SITE GRADING AND BUILDING CONSTRUCTION.
6. AS VARIOUS AREAS ARE BROUGHT TO GRADE, THEY SHOULD BE STABILIZED AS SOON AS POSSIBLE.
7. UPON COMPLETION OF FINE GRADING AND STABILIZATION OF THE SITE, THE SEDIMENT CONTROL DEVICES SHALL BE REMOVED AND TRUCK AREAS STABILIZED.

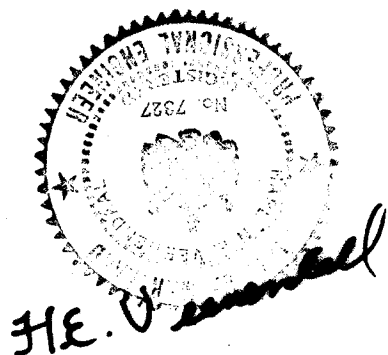
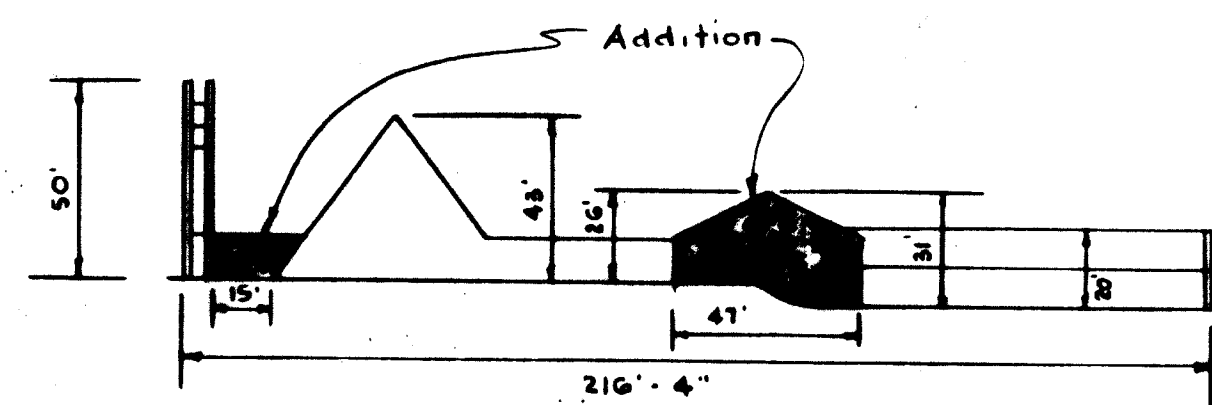
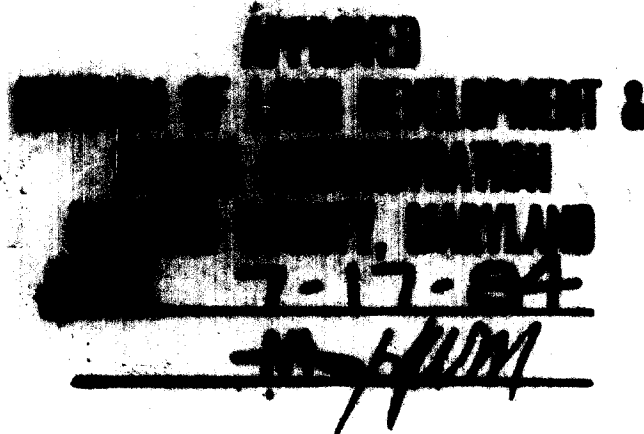
**SOIL EROSION AND SEDIMENT CONTROL MEASURES**

1. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED PRIOR TO ANY OTHER SITE DISTURBANCE.
2. ALL SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE BUREAU OF INSPECTIONS AND PERMITS, PHONE 992-2435.
3. NOTIFY THE BUREAU OF INSPECTIONS AND PERMITS AT LEAST 24 HOURS BEFORE THE START OF ANY WORK, PHONE 992-2435.
4. CONTINUED INSPECTION AND MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE DEVELOPER.
5. ALL SEDIMENT CONTROL MEASURES SHALL CONFORM TO "THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS" AND AS SHOWN AND DETAILED ON THESE PLANS.
6. SEED OR SOD ALL EXPOSED SOIL IN GRADDED AREAS WITHIN 72 HOURS OF GRADING TO FINISHED GRADE IN ACCORDANCE WITH HOWARD SOIL CONSERVATION DISTRICT STANDARDS AND SPECIFICATIONS AND THESE NOTES.
7. TEMPORARY SEEDING:
  - GROUND LIMESTONE - 3500 LBS/ACRE WORKED INTO TOP 3" OF SOIL
  - FERTILIZER - 1300 LBS/ACRE 16-10-10
  - MULCH - 3000 LBS/ACRE PINE NEEDLES (MULCH PREFERRED)
  - SEED - 40 LBS/ACRE MIX GRASS
  - BINDER - ASPHALT SPRAY AT THE RATE OF 1 GAL/1000 SQ
  - ALTERNATE - HYDRO SEED FERTILIZER, SEED AND MULCH USING "TURFINDER" OR APPROVED EQUAL.
8. PERMANENT SEEDING:
  - GROUND LIMESTONE - 2000 LBS/ACRE WORKED INTO TOP 3" OF SOIL
  - FERTILIZER - 1300 LBS/ACRE 16-10-10
  - SEED - 90% KENTUCKY 31 TALL FESCUE  
8% RYE GRASS  
2% MERION BLUE GRASS
  - SEEDING RATE - 150 LBS/ACRE
  - BINDER - ASPHALT SPRAY OF MULCH @ A RATE OF 1 GALLON PER ACRE
  - ALTERNATE - HYDRO SEED FERTILIZER, SEED AND BINDER USING "TURFINDER" OR APPROVED EQUAL.
9. NO LAWN SLOPES SHALL BE STEEPER THAN 2:1.



**Construction Specifications**

1. The stone shall be crushed stone. Gravel may be used if crushed stone is not available. The stone shall meet MSHA Size No. 2 or ASTM designation M33 Size No. 2 or 24.
2. The crest of the stone dike shall be at least six inches lower than the lowest elevation of the top of the earth dike and shall be level.
3. The stone outlet structure shall be embedded into the soil a minimum of four inches.
4. The minimum length, in feet, of the crest of the stone outlet structure shall be equal to six times the number of acres of contributing drainage area.
5. The stone outlet structure shall be inspected after each rain, and the stone shall be replaced when the structure ceases to function as intended due to silt accumulation among the stone, washout, construction traffic damage, etc.



NOTE: The contractor or developer shall contact the Construction Inspection/Survey Division 24 hrs. in advance of commencement of work at 792-7272.

NOTE: See Architectural Dwg's for add'l construction details.  
Wm. H. Doggett  
7515 Wisconsin Ave. St. 606  
Bethesda, Md. 20814  
796-5566

APPROVED:  
For Storm Drainage Systems and Roads.  
HOWARD COUNTY DEPT. OF PUBLIC WORKS.  
*Robert M. Bringer* GEN. 7-26-84  
Director Date

APPROVED: For Private Water and Private Sewerage Systems.  
HOWARD COUNTY DEPT. OF HEALTH AND MENTAL HYGIENE.  
*James Byrd* 7-26-84  
Health Officer Date

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.  
*Thomas L. Davis* 7-26-84  
Planning Director Date  
*John Muschler* 7-26-84  
Chief Div. of Land Development and Zoning Admin. Date

Reviewed for *HOWARD*  
S.C.D. and meets Technical Requirements.  
*William H. Doggett* 7-26-84  
U.S. Soil Conservation Service Date

This Development Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.  
*Stephen L. Fisher* 7-18-84  
Howard S.C.D. Date

revisions	
no.	description

prepared by  
**RBA** ENGINEERS • ARCHITECTS • PLANNERS  
WILDE LAKE VILLAGE GREEN, SUITE 207  
COLUMBIA, MARYLAND 21044  
301 / 730-7000 506-3634

**DETAILS**  
MT. ZION METHODIST CHURCH BUILDING ADDITION  
Parcel 140, Tax Map 40, Zoned R  
5th Election Dist., Howard Co., Md.

SCALE 1" = 30'	
DRAWN	CHECKED
JH	JH
PROJ. NO. 4598	DATE 4-16-84
2	2
SHEET	OF