

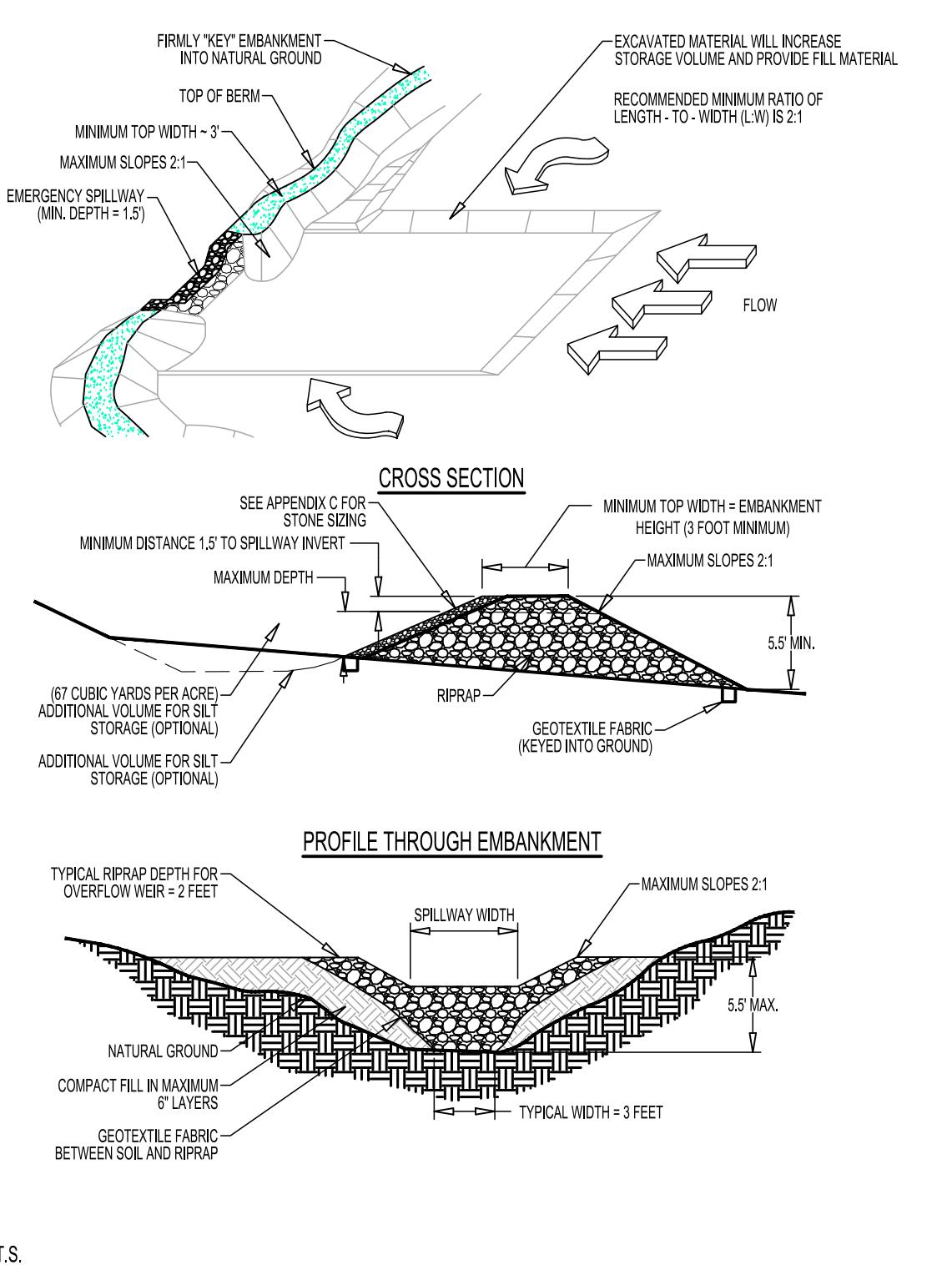


Project Information

MADISON METHODIST CHURCH

1091 CONFEDERATE RD
MADISON, GA 30650
ZONING: R1

TEMPORARY SEDIMENT TRAP (ROCK OUTLET) SD4-C



N.T.S.

Table 6-27.1 Criteria for Sediment Barrier		
Land Slope	Maximum Slope	Length Above Fence
Percent	Feet	
<2	100	
2 to 5	75	
5 to 10	50	
10 to 20	25	
20 to 30	15	
*In areas where the slope is greater than 20%, a flat area of 10' between the top of the slope to the barrier should be provided.		

Table 6-27.2 Post Size

Type	Min. Length	Type of Post	Size of Post
S	4'	Steel Oak	1.15-1.25 in. dia. / 8' min. 2"X2"

Type	Gauge	Crown	Legs	Staples per Post
Wire Stakes	17 mm.	1/2" wide	1/2" long	5 min.
Type C Silt Fence	14 mm.	1/2"	4 min.	

Note: Filter Fabric may also be attached to the post by wire, cords, and pockets.

Table 6-27.3 Fasteners for Wood Posts

Type	Gauge	Crown	Legs	Staples per Post
Wire Stakes	17 mm.	1/2" wide	1/2" long	5 min.
Type C Silt Fence	14 mm.	1/2"	4 min.	

Note: Filter Fabric may also be attached to the post by wire, cords, and pockets.

Table 6-27.4

Type C Fabric Fence	Tensile Strength (Lbs. Min.) ¹	Warp - 260	F4 - 180
Stc (ASTM D-4632)	40		
Stc (ASTM D-4751)	70		
Flow Rate (GMM/Sec, FL)	80		
Bursting Strength ² (ASTM D-4632 after 300 hours weathering in accordance with ASTM D-4355)	175		
Bursting Strength (ASTM D-3760 Dihaphragm Bursting Strength Tester)	36		

¹ Percent of required initial minimum tensile strength.

² Minimum of 5 specimens.

Table 6-27.5

CUBIC YARDS OF TOPSOIL REQUIRED FOR APPLICATION TO VARIOUS DEPTHS			
Depth (inches)	Per 1,000 SF	Per Acre	
1	3.1	134	
2	6.2	268	
3	9.3	403	
4	12.4	537	
5	15.5	672	
6	18.6	806	

Figure 6-37.1 - Fabric and Supporting Frame For Inlet Projection

N.T.S.

Table 6-27.6

CUBIC YARDS OF TOPSOIL REQUIRED FOR APPLICATION TO VARIOUS DEPTHS			
Depth (inches)	Per 1,000 SF	Per Acre	
1	3.1	134	
2	6.2	268	
3	9.3	403	
4	12.4	537	
5	15.5	672	
6	18.6	806	

Figure 6-37.2 - Fabric and Supporting Frame For Inlet Projection

N.T.S.

Table 6-27.7

CUBIC YARDS OF TOPSOIL REQUIRED FOR APPLICATION TO VARIOUS DEPTHS			
Depth (inches)	Per 1,000 SF	Per Acre	
1	3.1	134	
2	6.2	268	
3	9.3	403	
4	12.4	537	
5	15.5	672	
6	18.6	806	

Figure 6-37.3 - Fabric and Supporting Frame For Inlet Projection

N.T.S.

Table 6-27.8

CUBIC YARDS OF TOPSOIL REQUIRED FOR APPLICATION TO VARIOUS DEPTHS			
Depth (inches)	Per 1,000 SF	Per Acre	
1	3.1	134	
2	6.2	268	
3	9.3	403	
4	12.4	537	
5	15.5	672	
6	18.6	806	

Figure 6-37.4 - Fabric and Supporting Frame For Inlet Projection

N.T.S.

Table 6-27.9

CUBIC YARDS OF TOPSOIL REQUIRED FOR APPLICATION TO VARIOUS DEPTHS			
Depth (inches)	Per 1,000 SF	Per Acre	
1	3.1	134	
2	6.2	268	
3	9.3	403	
4	12.4	537	
5	15.5	672	
6	18.6	806	

Figure 6-37.5 - Fabric and Supporting Frame For Inlet Projection

N.T.S.

Table 6-27.10

CUBIC YARDS OF TOPSOIL REQUIRED FOR APPLICATION TO VARIOUS DEPTHS			
Depth (inches)	Per 1,000 SF	Per Acre	
1	3.1	134	
2	6.2	268	
3	9.3	403	
4	12.4	537	
5	15.5	672	
6	18.6	806	

Figure 6-37.6 - Fabric and Supporting Frame For Inlet Projection

N.T.S.

Table 6-27.11

CUBIC YARDS OF TOPSOIL REQUIRED FOR APPLICATION TO VARIOUS DEPTHS			
Depth (inches)	Per 1,000 SF	Per Acre	
1	3.1	134	
2	6.2	268	
3	9.3	403	
4	12.4	537	
5	15.5	672	
6	18.6	80	