GEORGIA UNIFORM CODING SYSTEM
SOIL EROSION & SEDIMENT CONTROL

STRUCTURAL PRACTICES

Code	Practice	Symbol
Cs-Fs	Compost Filter Sock	Cs-Fs
Cs-Hb	Straw-Bale Check Dams	Cs-Hb
Cs-S	Stone Check Dams	Cs-S
Ch-1	Channel Stabilization - Category 1 (Vegetated/Sod)	Ch-1
Ch-2	Channel Stabilization - Category 2 (Rip-Rap, TRM)	Rip-Rap or TRM Ch-2
Ch-3	Channel Stabilization - Category 3 (Concrete)	Ch-3
Co	Construction Exit	Co
Cr	Construction Road Stabilization	Cr
Ds-A	Stream Diversion Channel (Geotextile, Sntg. or Polyethylene film)	Ds-A or Ds-B or Ds-C
Ds-B	Stream Diversion Channel (Geotextile alone)	
Ds-C	Stream Diversion Channel (Class I Rip-Rap and Geotextile)	
Di	Diversion	Di
Dn1	Temporary Downdrain Structure	Dn1
Dn2	Permanent Downdrain Structure	Dn2
Fr	Filter Ring	Fr
Ga	Gabion	Ga
Gr	Grade Stabilization Structure	Gr
Lv	Level Spreader	Lv
Rd	Rock Filter Dam	Rd
Re	Retaining Wall	Re
Rt-B	Retrofit (Slotted Board Dam w/ Stone or Filter Fabric)	Rt-B
Rt-P	Retrofit (Perforated Half- Round Pipe w/ Stone Filter)	Rt-P
Rt-Sc	Retrofit (Silt Control Gate)	Rt-Sc
Sd1-Bf	Sediment Barrier (Type = Brush Barrier)	Sd1-Bf
Sd1-Ns	Sediment Barrier (Type = Non-Sensitive Areas)	Sd1-Ns
Sd1-S	Sediment Barrier (Type = Sensitive Areas)	Sd1-S
Sd1-Cf	Sediment Barrier (Type = Compost Filter Media Sock)	Sd1-Cf
Sd2-B	Inlet Sediment Trap (Baffle Box)	Sd2-Ct
Sd2-Bg	Inlet Sediment Trap (Block & Gravel Drop Inlet Protection)	
Sd2-E	Inlet Sediment Trap (Excavated Inlet Sediment Trap)	
Sd2-F	Inlet Sediment Trap (Filter Fabric w/ Supporting Frame)	⊡ Indicate type

Code	Practice	Symbol
Sd2-G	Inlet Sediment Trap (Gravel Drop Inlet Protection)	Sd2-Ct
Sd2-P	Inlet Sediment Trap (Curb Inlet Protection)	
Sd2-S	Inlet Sediment Trap (Sod Inlet Protection)	⊡ Indicate type
Sd3	Temporary Sediment Basin	Sd3
Sd4	Temporary Sediment Trap	Sd4
Sk	Floating Filter Surface Skimmer	Sk
SpB	Seep Berm	SpB
St-B	Temporary Stream Crossing (Bridge)	St-B
St-C	Temporary Stream Crossing (Culvert)	St-C
St	Storm Drain Outlet Protection	St
Su	Surface Roughening	Su
Tc-F	Turbidity Curtain (Floating)	Tc-Ct
Tc-S	Turbidity Curtain (Staked)	⊡ Indicate type
Tp	Topsoiling	Tp
Wt	Vegetated Waterway or Stormwater Conveyance Channel	Wt

VEGETATIVE MEASURES

Code	Practice	Symbol
Bf	Buffer Zone	Bf
Cs	Coastal Dune Stabilization (w/ Vegetation)	Cs
Ds1	Disturbed Area Stabilization (w/ Mulching Only)	Ds1
Ds2	Disturbed Area Stabilization (w/ Temporary Seeding)	Ds2
Ds3	Disturbed Area Stabilization (w/ Permanent Vegetation)	Ds3
Ds4	Disturbed Area Stabilization (w/ Sodding)	Ds4
Du	Dust Control on Disturbed Areas	Du
Fl-Co	Flocculants Coagulants	Fl-Co
Sb	Streambank Stabilization (Using Permanent Vegetation)	Sb
Ss	Slope Stabilization (Rolled Erosion Control Products (RECPs))	Ss
Tac-1	Tackifiers: Type I (Synthetic Polymers)	Tac-1
Tac-2	Tackifiers: Type II (Organic Polymers)	Tac-2
Tac-3	Tackifiers: Type III (Synthetic/ Organic Blends)	Tac-3
Tac-4	Tackifiers: Type IV (Organic Tackifiers w/ Synthetic Fibers)	Tac-4
Tac-5	Tackifiers: Type V (Synthetic/Organic Blends w/ Synthetic Fibers)	Tac-5

VICTOR SITE SET
02-04-2026

INITIAL SEDIMENT STORAGE CALCULATIONS-BASIN 2
1) REQUIRED STORMWATER STORAGE = 119.26 CY
(67 CY/AC x 1.78 AC DRAINED AREA) STORAGE REQUIRED FOR 25 YR STORM EVENT
2) AVAILABLE STORAGE = 185 CY
3) IS THE AVAILABLE STORAGE (4) GREATER THAN THE REQUIRED STORAGE (3)?
X - YES ___ NO
4) IF "NO", THE SEDIMENT STORAGE CAPACITY OF THE POND MUST BE INCREASED. CHOOSE THE METHOD TO BE USED:
___ RAISE THE INVERT OF THE OUTLET STRUCTURE ____ INCHES.
___ UNDERCUT THE POND ____ FEET.
___ OTHER
5) CLEAN-OUT ELEVATION = 961.35 FT.
(ELEVATION CORRESPONDING TO 22 CY/YD x 1.78 AC DRAINED AREA.
6) IS THE LENGTH-WIDTH RATIO 2:1 OR GREATER?
X - YES ___ NO
7) IF "NO", THE LENGTH OF FLOW MUST BE INCREASED. CHOOSE THE METHOD TO BE USED:
___ BAFFLES (TYPE OF BAFFLE_____)
___ OTHER _____

NPDES SAMPLING POINT

BASIN 1
0.99 ACRES

BASIN 2
1.78 ACRES

BASIN 3
0.86 ACRES

BASIN 4
0.75 ACRES

CeB2

Ds1 | Ds2
Du
ALL DISTURBED AREAS

INITIAL SILT FENCE SEDIMENT STORAGE CALCULATIONS BASIN #1

REQUIRED SEDIMENT STORAGE=0.99 AC (DRAINAGE AREA) X 67 (CY/AC)=67 CY REQ'D

388 LF SILT FENCE PROVIDED:
AT 2% SLOPE B=88' (B= AVERAGE DISTANCE, UPHILL FROM SILT FENCE, GO UP 1.5' IN ELEVATION CHANGE)
⅔ OF SILT FENCE H=1.5' (28"*⅔)
388*½(B*H)=25,608 CF \ 27=948 CY STORAGE PROVIDED

PH 1 LIMITS OF DISTURBANCE = 2.40 AC

W

CfD3

LyD3

SD4 TO REMAIN IN PLACE UNTIL PAVING AND CURB & GUTTER ARE INSTALLED

12' WIDE RIP RAP

EMERGENCY SPILLWAY

CONCRETE WASHOUT

TRASH RECEPTACLES

PORTABLE SANITATION UNITS

TREE PROTECTION FENCE

PIPE DIAMETER.....18"
FLOW RATE (cfs).....5.30
VELOCITY (fps).....6.32
TAILWATER CONDITION.....MIN.
APRON LENGTH (LA).....6.0'
WIDTH AT THE HEADWALL (W1).....3.0'
DOWNSTREAM WIDTH (W2).....9.0'
AVERAGE STONE DIAMETER (D_{50}).....(0.5")
STONE DEPTH (D).....1.0'

Sd2 - EXCAVATED INLET SEDIMENT TRAP - C1

Drainage Area =	32490.91	SF =	0.75	AC	
Req. Sediment Storage =	**1349**	**CF**	**50.0**	**CY**	
Side Slope = 2:1					
Excavation Depth =	2.0	FT			
Req. Surface Area =	675	SF			
Sed. Trap dimensions:	L =	**19**	**FT**	W =	**38** **FT**
Provided Area =	722	SF			
Provided Storage =	**1444**	**CF**	**53.5**	**CY**	

Sd4 TYPE C - TEMPORARY SEDIMENT TRAP (BASIN NO. 3)

Drainage Area	38332	SF =	0.88	AC	
Req. Sediment Storage =	**1592**	**CF**	**59**	**CY**	
Side Slope = 2:1 max		3:1			
Top of embankment =		693	FT		
Bottom of excavation =		689	FT		
Spillway invert elevation =		691.5	FT		
Excavation Depth =		4.0	FT		
Storage Depth =		2.5	FT		
Req. Surface Area =		637	SF	Volume / Depth	
Sed. Trap dimensions:		L =	**60** **FT**	W =	**12** **FT**
Provided Area =		720	SF		
Provided Storage =		**1800**	**CF**	**67**	**CY**
Cleanout Volume =		**600**	**CF**	**(0.83 FT)**	

NOTE: WASHOUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED.

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
SCALE: 1" = 40'

NORTH ARROW
GA STATE PLANE WEST

REFER TO SHEET C-1.1 AND C-6.1 FOR EROSION, SEDIMENTATION, AND POLLUTION CONTROL NOTES

Maintenance of all soil erosion and sedimentation control measures and practices, whether temporary or permanent, shall be at all times the responsibility of the property owner.

GSWCC EROSION CONTROL NOTES:

The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities.

Erosion control measures will be maintained at all times. If full implementation of the approved plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source.

Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding.

Any amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional.

OWNER/DEVELOPER
COMPANY: MADISON METHODIST CHURCH INC.
ADDRESS: 1091 CONFEDERATE RD
MADISON, GA 30650
PHONE: (706) 521-0017
CONTACT: MATTHEW MITCHELL
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CONTRACTOR
COMPANY: SUNBELT BUILDERS
ADDRESS: 10641 HIGHWAY 36
COVINGTON, GA 30014
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SITE DESIGNER
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JASON P. BROWN
LEVEL II CERTIFIED DESIGN PROFESSIONAL
#53274 - EXP. 05.01.2026

24-HOUR CONTACT
JASON BROWN
(770) 713-9972

GEORGIA811 www.Georgia811.com
Contact 811 before you dig

Utilities/Services shown are for Contractors' convenience. Items are shown schematically and neither the site design professional nor the owner assumes any responsibility for variances in their actual location. This plan may not show and/or may incorrectly show utilities located on site. Contractor shall be responsible to secure and use the services of a private utility locator firm during the entire course of work and shall pay for said services. Contractor shall locate utilities prior to any disturbance (including field verifying location and depth of utilities that are to be saved and protected). Contractor shall notify the site design professional of any utility conflicts prior to installation of new utilities, grading, etc. The Contractor, at their expense, shall be responsible to repair, replace and/or relocate, as necessary, any utilities damaged, whether shown or not. Abandonment, relocation, etc. of utilities shall be coordinated with the respective utility company.

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GEORGIA REGISTERED NO. PE019855 PROFESSIONAL ENGINEER JASON P. BROWN

Project Information

MADISON METHODIST CHURCH
1091 CONFEDERATE RD
MADISON, GA 30650
ZONING: R1

DRAWING DATE:	01.22.25
DRAWN BY:	MCS
CHECKED BY:	JPB

REVISIONS

DATE:	DESCRIPTION:
04-14-25	ADDRESS COMMENTS
01-20-26	PERMIT REVISION

Sheet Title
INITIAL EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN

Sheet Number
C-6.2