VICTOR SITE SET
02-04-2026

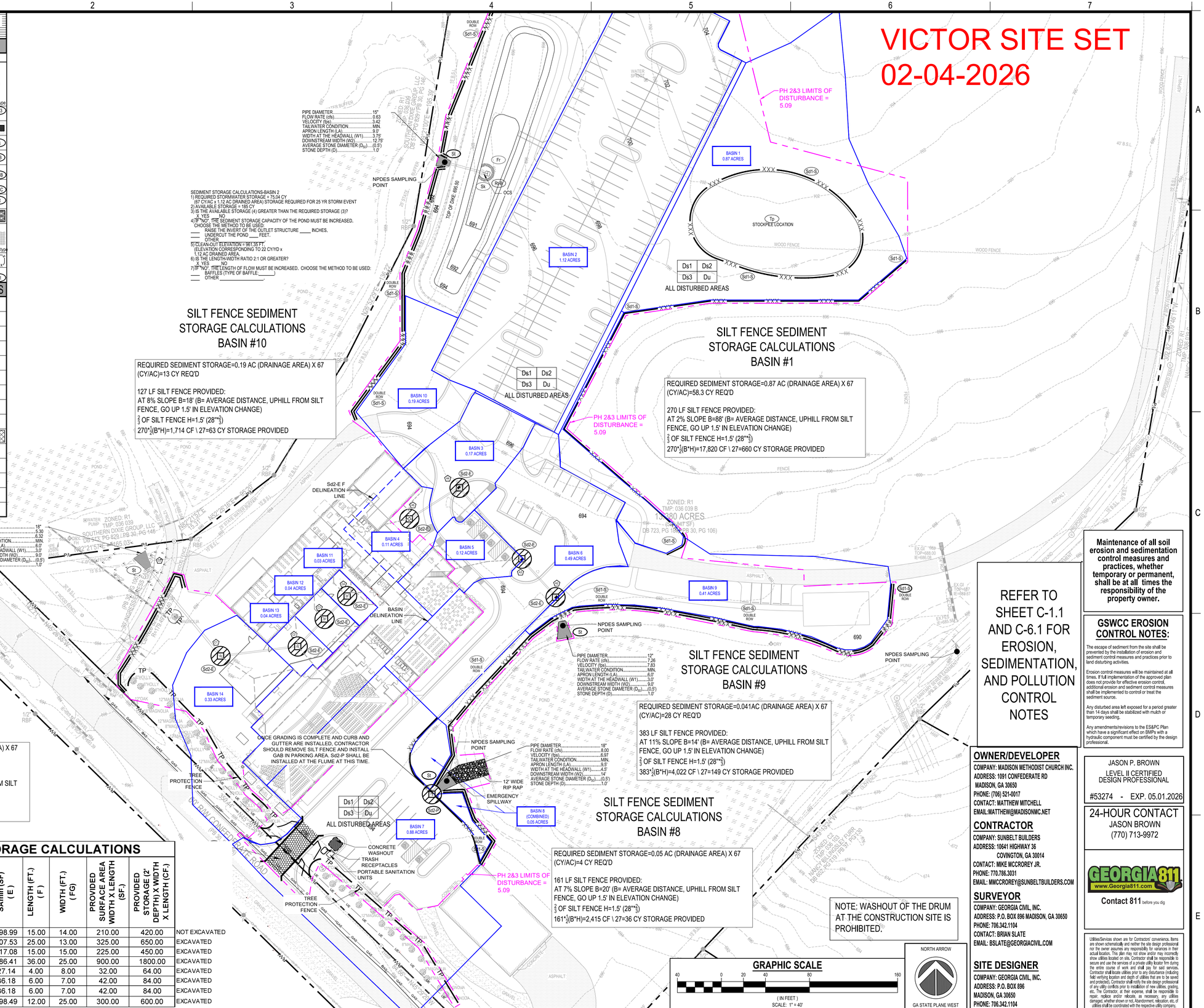
GEORGIA UNIFORM CODING SYSTEM
SOIL EROSION & SEDIMENT CONTROL

STRUCTURAL PRACTICES

Code	Practice	Code	Practice
Cd-Fs	Compost Filter Sock	Sd2-G	Inlet Sediment Trap (Gravel Drop Inlet Protection)
Cd-Hb	Straw-Bale Check Dams	Sd2-P	Inlet Sediment Trap (Curb Inlet Protection)
Cd-S	Stone Check Dams	Sd2-S	Inlet Sediment Trap (Sod Inlet Protection)
Ch-1	Channel Stabilization - Category 1 (Vegetated/Sod)	Sd3	Temporary Sediment Basin
Ch-2	Channel Stabilization - Category 2 (Rip-Rap, TRM)	Sd4	Temporary Sediment Trap
Ch-3	Channel Stabilization - Category 3 (Concrete)	Sk	Floating Filter Surface Skimmer
Co	Construction Exit	Sp8	Seep Berm
Cr	Construction Road Stabilization	St-B	Temporary Stream Crossing (Bridge)
Dc-A	Stream Diversion Channel (Geotextile, Sod, or Polyethylene film)	St-C	Temporary Stream Crossing (Culvert)
Dc-B	Stream Diversion Channel (Geotextile alone)	St	Storm Drain Outlet Protection
Dc-C	Stream Diversion Channel (Class I Rip-Rap and Geotextile)	Su	Surface Roughening
Di	Diversion	Tc-F	Turbidity Curtain (Floating)
Dn1	Temporary Downdrain Structure	Tc-S	Turbidity Curtain (Staked)
Dn2	Permanent Downdrain Structure	Tp	Topsoiling
Fr	Filter Ring	Wt	Vegetated Waterway or Stormwater Conveyance Channel
Ga	Gabion		
Gr	Grade Stabilization Structure		
Lv	Level Spreader		
Rd	Rock Filter Dam		
Re	Retaining Wall		
Rt-B	Retrofit (Slotted Board Dam w/ Stone or Filter Fabric)		
Rt-P	Retrofit (Perforated Half-Round Pipe w/ Stone Filter)		
Rt-Sp	Retrofit (Silt Control Gate)		
Sf1-B	Sediment Barrier (Type = Brush Barrier)		
Sf1-N	Sediment Barrier (Type = Non-Sensitive Areas)		
Sf1-S	Sediment Barrier (Type = Sensitive Areas)		
Sf1-C	Sediment Barrier (Type = Compost Filter Media Sock)		
Sd2-B	Inlet Sediment Trap (Baffle Box)		
Sd2-B	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)		

VEGETATIVE MEASURES

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



SILT FENCE SEDIMENT STORAGE CALCULATIONS BASIN #10

REQUIRED SEDIMENT STORAGE=0.19 AC (DRAINAGE AREA) X 67 (CY/AC)=13 CY REQ'D

127 LF SILT FENCE PROVIDED:
AT 8% SLOPE B=18' (B= AVERAGE DISTANCE, UPHILL FROM SILT FENCE, GO UP 1.5' IN ELEVATION CHANGE)
⅔ OF SILT FENCE H=1.5' (28'*⅔)
270*½(B*H)=1,714 CF \ 27=63 CY STORAGE PROVIDED

SILT FENCE SEDIMENT STORAGE CALCULATIONS BASIN #1

REQUIRED SEDIMENT STORAGE=0.87 AC (DRAINAGE AREA) X 67 (CY/AC)=58.3 CY REQ'D

270 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)
270*½(B*H)=17,820 CF \ 27=660 CY STORAGE PROVIDED

SILT FENCE SEDIMENT STORAGE CALCULATIONS BASIN #7

REQUIRED SEDIMENT STORAGE=0.88 AC (DRAINAGE AREA) X 67 (CY/AC)=59 CY REQ'D

163 LF SILT FENCE PROVIDED:
AT 4% SLOPE B=40' (B= AVERAGE DISTANCE, UPHILL FROM SILT FENCE, GO UP 1.5' IN ELEVATION CHANGE)
⅔ OF SILT FENCE H=1.5' (28'*⅔)
163*½(B*H)=4,830 CF \ 27=178 CY STORAGE PROVIDED

SILT FENCE SEDIMENT STORAGE CALCULATIONS BASIN #9

REQUIRED SEDIMENT STORAGE=0.041AC (DRAINAGE AREA) X 67 (CY/AC)=28 CY REQ'D

383 LF SILT FENCE PROVIDED:
AT 11% SLOPE B=14' (B= AVERAGE DISTANCE, UPHILL FROM SILT FENCE, GO UP 1.5' IN ELEVATION CHANGE)
⅔ OF SILT FENCE H=1.5' (28'*⅔)
383*½(B*H)=4,022 CF \ 27=149 CY STORAGE PROVIDED

SILT FENCE SEDIMENT STORAGE CALCULATIONS BASIN #8

REQUIRED SEDIMENT STORAGE=0.05 AC (DRAINAGE AREA) X 67 (CY/AC)=4 CY REQ'D

161 LF SILT FENCE PROVIDED:
AT 7% SLOPE B=20' (B= AVERAGE DISTANCE, UPHILL FROM SILT FENCE, GO UP 1.5' IN ELEVATION CHANGE)
⅔ OF SILT FENCE H=1.5' (28'*⅔)
161*½(B*H)=2,415 CF \ 27=36 CY STORAGE PROVIDED

SD2-E SEDIMENT STORAGE CALCULATIONS

DRAINAGE BASIN	DRAINAGE STRUCTURE	DRAINAGE AREA (ACRE) (A)	REQ. STORAGE (CY) (B)	REQ. STORAGE (CF) (C)	DEPTH (FT.) (D)	SAmin (SF) (E)	LENGTH (FT.) (F)	WIDTH (FT.) (FG)	PROVIDED SURFACE AREA WIDTH X LENGTH (SF.)	PROVIDED STORAGE (2' DEPTH) X WIDTH X LENGTH (CF.)	
4	A5	0.11	14.74	397.98	2.00	198.99	15.00	14.00	210.00	420.00	NOT EXCAVATED
3	A4	0.17	22.78	615.06	2.00	307.53	25.00	13.00	325.00	650.00	EXCAVATED
5	A3	0.12	16.08	434.16	2.00	217.08	15.00	15.00	225.00	450.00	EXCAVATED
6	A2	0.49	65.66	1772.82	2.00	886.41	36.00	25.00	900.00	1800.00	EXCAVATED
11	C4	0.03	2.01	54.27	2.00	27.14	4.00	8.00	32.00	64.00	EXCAVATED
12	C3	0.04	2.68	72.36	2.00	36.18	6.00	7.00	42.00	84.00	EXCAVATED
13	C2	0.04	2.68	72.36	2.00	36.18	6.00	7.00	42.00	84.00	EXCAVATED
14	C1	0.33	22.11	596.97	2.00	298.49	12.00	25.00	300.00	600.00	EXCAVATED

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

GRAPHIC SCALE
(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
EMAIL:MATTHEW@MADISONMC.NET

CONTRACTOR
COMPANY: SUNBELT BUILDERS
ADDRESS: 10641 HIGHWAY 36
COVINGTON, GA 30014
CONTACT: MIKE MCCRORERY JR.
PHONE: 770.786.3031
EMAIL: MMCCRORERY@SUNBELTBUILDERS.COM

SURVEYOR
COMPANY: GEORGIA CIVIL, INC.
ADDRESS: P.O. BOX 896 MADISON, GA 30650
PHONE: 706.342.1104
CONTACT: BRIAN SLATE
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SITE DESIGNER
COMPANY: GEORGIA CIVIL, INC.
ADDRESS: P.O. BOX 896
MADISON, GA 30650
PHONE: 706.342.1104

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. PE023483 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

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Sheet Title
INTERMEDIATE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN

Sheet Number
C-6.3