



**georgia civil**  
CIVIL ENGINEERING  
LANDSCAPE ARCHITECTURE  
LAND SURVEYING

311 N. Main St. Ste. 101, Unit C  
P.O. Box 896 | Madison, GA 30650  
P: 706.342.1104

www.georgiacivil.com

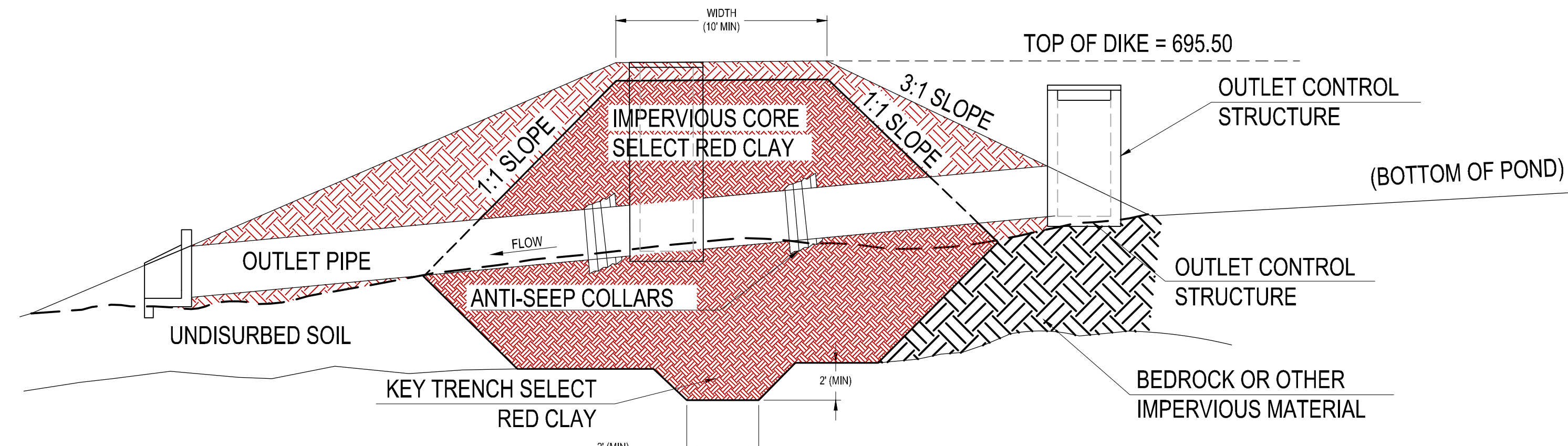
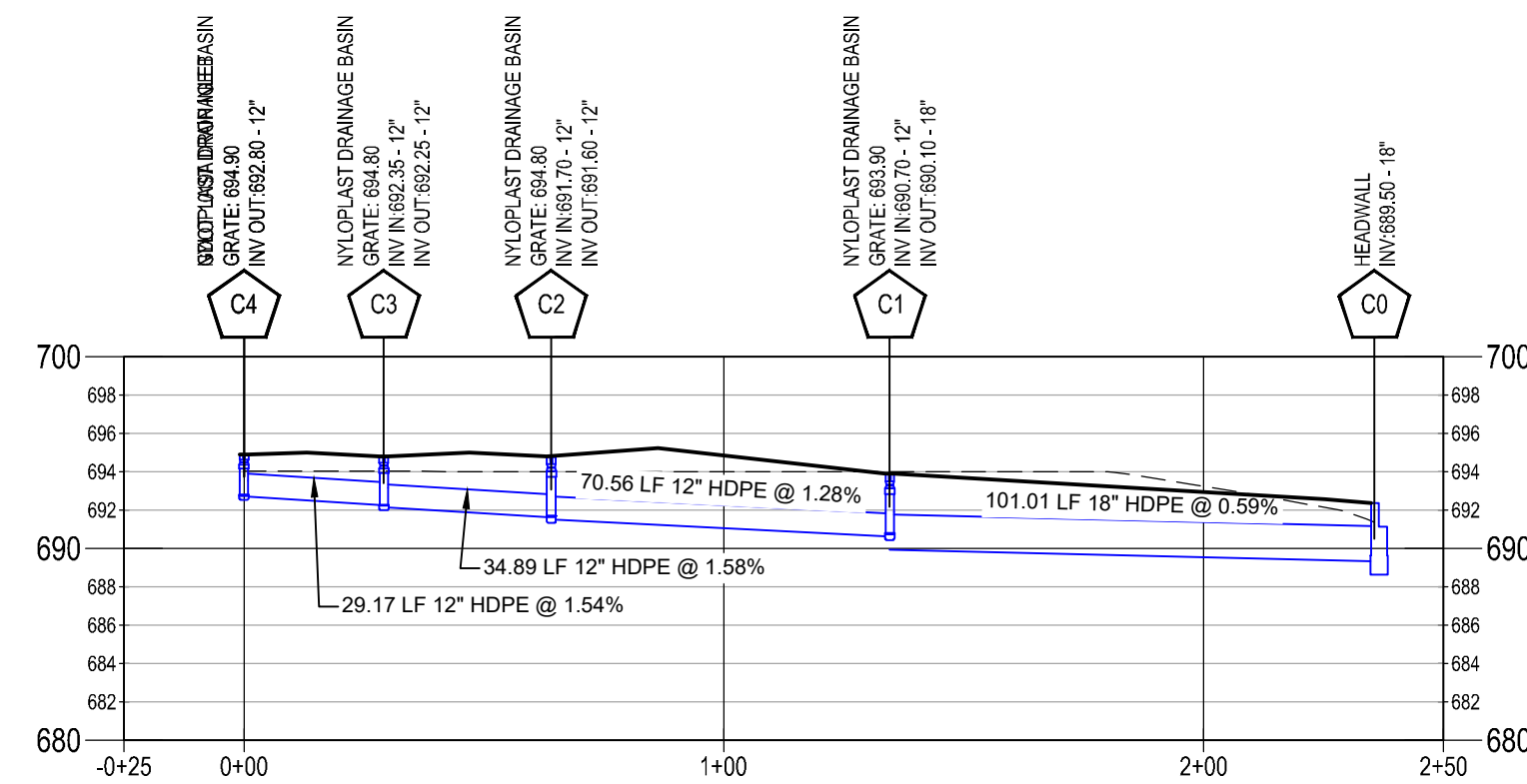
Professional Seal



Project Information

**PARKING ADD. & COURTYARD RENOVATION**  
1091 CONFEDERATE RD  
MADISON, GA 30650  
ZONING: R1

**STORM c PROFILE**  
STA. -0+25 TO STA. 2+50



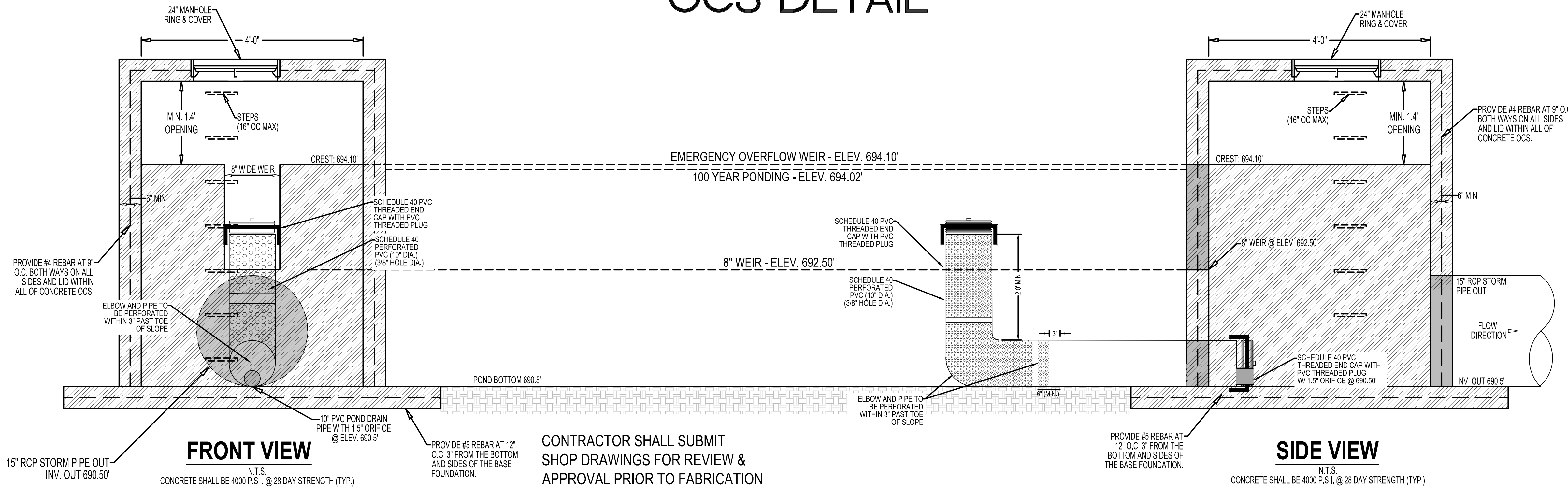
- NOTES:
1. ALL FILL MATERIAL FOR DAM/DIKE SHALL BE COMPACTED TO 98% MAXIMUM DENSITY AS DETERMINED BY STANDARD PROTOR TEST.
  2. SELECT CORE MATERIAL SHALL BE OBTAINED FROM ON-SITE SOURCE AS IDENTIFIED AND DIRECTED BY GEOTECHNICAL ENGINEER.
  3. ANTI-SEEP COLLARS/BRICK COLLAR WALLS SHALL BE INSTALLED AT ALL PIPE JOINTS WITHIN LIMITS OF DAM/DIKE.

Line	ToLine	LineLengt	Incr.Area	TotalArea	RunoffCoe	Incr.CxA	TotalCxA	InletTime	TimeConc	RfalInt	TotalRunC	AdnlFlow	TotalFlow	CapacFull	Veloc	PipeSize	PipeSlope	Inv.BevDn	Inv.BevUp	HGLDn	HGLUp	Grnd/Rfm	Grnd/Rfm	LineID
1	Outfall	101.012	0.35	0.66	0.35	0.12	0.42	5.0	6.1	7.9	3.30	0.00	3.30	8.00	4.23	18	0.49	690.20	690.70	690.87	691.39	692.37	693.90	C1-C0
2	1	70.561	0.13	0.31	0.95	0.12	0.29	5.0	5.7	8.0	2.37	0.00	2.37	4.36	4.20	12	1.28	690.70	691.60	691.39	692.26	693.90	694.80	C2-C1
3	2	34.892	0.05	0.18	0.95	0.05	0.17	5.0	5.4	8.1	1.39	0.00	1.39	4.84	3.32	12	1.58	691.70	692.25	692.26	692.75	694.80	694.80	C3-C2
4	3	29.168	0.13	0.13	0.95	0.12	0.12	5.0	5.0	8.2	1.02	0.00	1.02	4.79	3.35	12	1.54	692.35	692.80	692.75	693.22	694.80	694.90	C4-C3

**DRY DETENTION BASIN DAM/DIKE**

NOT TO SCALE

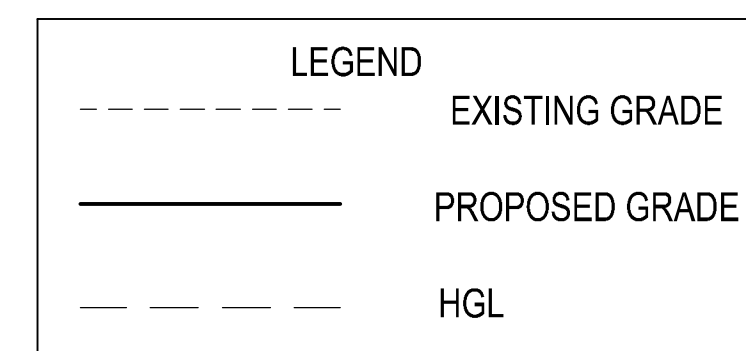
**OCS DETAIL**



**CIRCULAR OUTLET CONTROL STRUCTURE**

PRECAST OUTLET CONTROL STRUCTURE BOX SHALL EXTEND A MINIMUM OF 6" LOWER THAN THE LOWEST INVERT. PRECAST STRUCTURE SHALL BE OPEN IN THE BOTTOM WHEN DELIVERED TO SITE, AND SHALL BE SET INTO CONCRETE WHEN BASE FOUNDATION IS POURED IN PLACE. SIX INCHES BELOW THE LOWEST INVERT, #5 REBAR SHALL EXTEND THROUGH DRILLED HOLES, ONE FOOT ON CENTER, ON ALL FOUR SIDES. CONTINUOUS SECTIONS OF #5 REBAR SHALL EXTEND THROUGH THE HOLES FORM ONE SIDE OF THE BOX, ACROSS THE INSIDE OF THE BOX, AND THROUGH THE MATCHING HOLE ON THE OTHER SIDE OF THE BOX. THE REBAR SHALL EXTEND A MINIMUM OF 10" BEYOND EACH OUTSIDE FACE OF THE BOX AND BE WIRED TO THE REBAR SET IN THE CONCRETE BASE FOUNDATION. CONCRETE SHALL BE POURED AND FINISHED UP TO THE ELEVATION OF THE LOWEST INVERT ON THE INSIDE AND OUTSIDE OF THE OUTLET CONTROL STRUCTURE BOX.

**STORM PIPE PROFILES**  
SCALE: HORIZONTAL: 1" = 40'  
VERTICAL: 1" = 10'



**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  
COWINGTON, GA 30014  
CONTACT: MIKE MCCROREY JR.  
PHONE: 770.786.3031  
EMAIL: MCMCCROREY@SUNBELTBUILDERS.COM

**SURVEYOR**  
COMPANY: GEORGIA CIVIL, INC.  
ADDRESS: P.O. BOX 896 MADISON, GA 30650  
PHONE: 706.342.1104  
CONTACT: BRIAN SLATE  
EMAIL: BSLATE@GEORGIA CIVIL.COM

**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**  
HOUR CONTACT  
(770) 713-9972



Contact 811 before you dig

Utilities shown are for Contractor's convenience. Items are shown schematically and neither the site design professional nor the owner assumes any responsibility for accuracy in their actual location. This plan may not show and/or may incorrectly show utilities located on site. Contractor shall be responsible to locate and verify the location of all utilities. Contractor shall verify the location and depth of utilities that are to be served and protected. Contractor shall verify the design professional of any utility conflicts prior to installation of new utilities, grading, etc. The Contractor, at their expense, shall be responsible to report, replace and/or indicate, as necessary, any utilities (sewer, water, gas, electric, etc.) that are shown on this plan, whether shown on record, as shown on record, or otherwise. All utility conflicts shall be coordinated with the respective utility company.

DRAWING DATE: 2/11/2026  
DRAWN BY: DLD  
CHECKED BY: JPB

REVISIONS  
DATE: DESCRIPTION:

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Sheet Title  
SWM PROFILES  
Sheet Number  
**C-4.2**