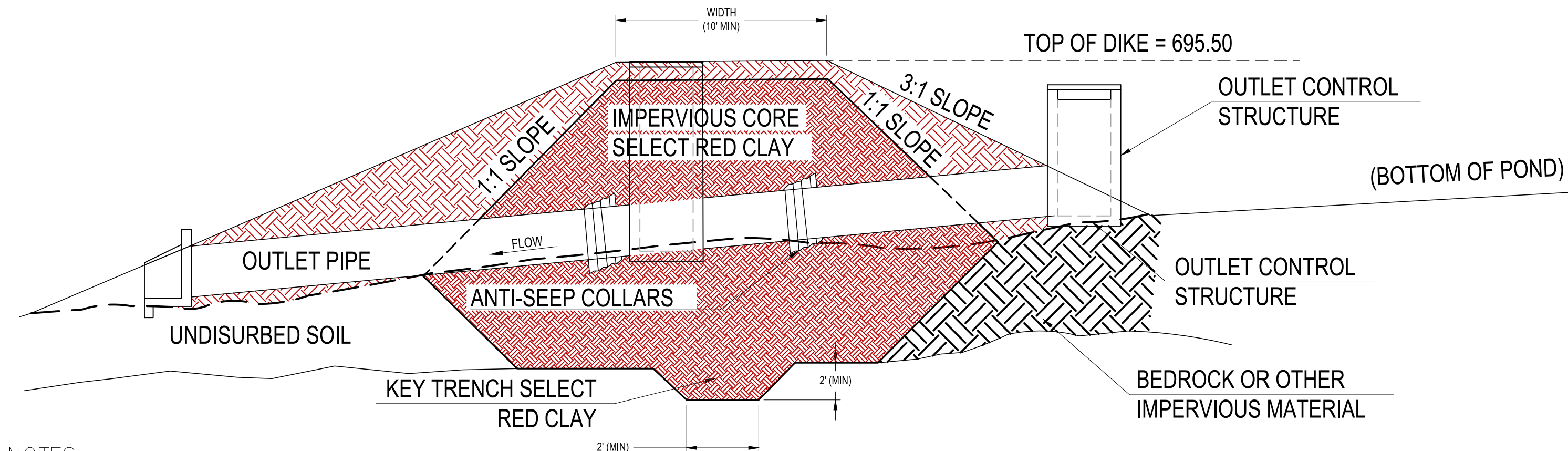
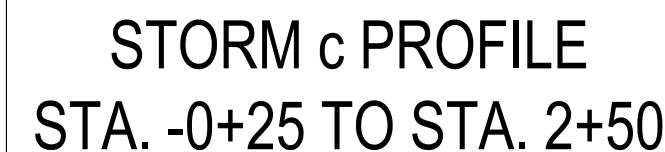


STORM A PROFILE
STA. -0+25 TO STA. 2+25



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.

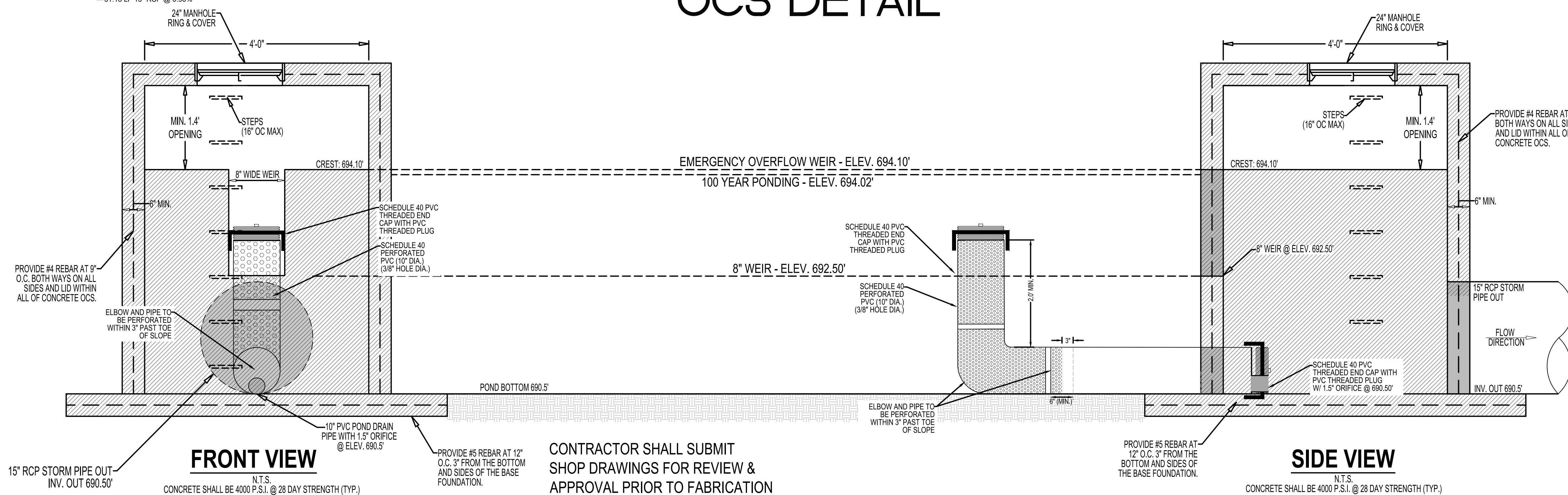
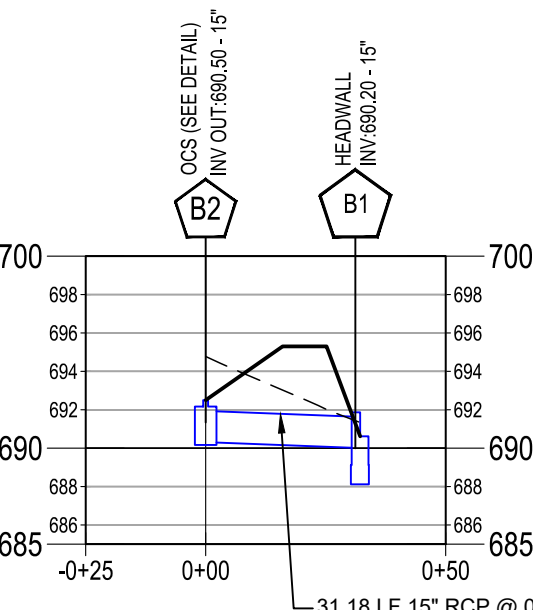
DRY DETENTION BASIN DAM/DIKE

NOT TO SCALE

VICTOR SITE SET 02-04-2026

Line	ToLine	LineLength (ft)	Incr Area (ac)	Area (ac)	Runoff Coef (C)	Incr CxA	Total CxA	Inlet Time (min)	Time Conc (min)	Rfal Inlt (in/hr)	Total Runc (cfs)	Adn Flow (cfs)	Total Flow (cfs)	Capac Full (cfs)	Veloc (ft/s)	Pipe Size (in)	Pipe Slope (%)	Inv Elev Dn (ft)	Inv Elev Up (ft)	H3LDn	H3LUp	Gnd/Rm (ft)	Gnd/Rm (ft)	Line ID	
STORMA	1	Outfall	22.815	0.49	0.89	0.37	0.18	0.23	0	74.5	3.1	0.71	0	0.72	3.61	3.11	12	0.88	696.55	686.75	696.87	687.1	687.97	692.5	A2-A1
	2	1	46.29	0.12	0.4	0.11	0.01	0.05	0	73.2	3.2	0.14	0	0.15	4.01	2.17	12	1.08	688.35	688.85	688.48	689.01	689.01	692.5	A3-A2
	3	2	86.954	0.17	0.28	0.13	0.02	0.03	0	69.7	3.3	0	0	0.11	3.93	1.58	12	1.04	688.85	689.75	689.01	689.89	689.89	693.6	A4-A3
	4	3	53.236	0.11	0.11	0.09	0.01	0.01	0	0	0	0	0.01	0.01	3.74	0.54	12	0.94	689.75	690.25	689.89	690.29	694	694.5	A5-A4
STORMC	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	691.87	692.26	693.90	694.80	C2-C1
	3	2	34.892	0.05	0.18	0.95	0.05	0.17	5.0	5.1	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	5.4	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	694.80	C4-C3

OCS DETAIL



FRONT VIEW

N.T.S.
CONCRETE SHALL BE 4000 P.S.I. @ 28 DAY STRENGTH (TYP.)

CONTRACTOR SHALL SUBMIT
SHOP DRAWINGS FOR REVIEW &
APPROVAL PRIOR TO FABRICATION

SIDE VIEW

N.T.S.
CONCRETE SHALL BE 4000 P.S.I. @ 28 DAY STRENGTH (TYP

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.

LEGEND	
\otimes	= COMPUTED POINT

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

LEGEND

-----	EXISTING GRADE
—————	PROPOSED GRADE
— — — — —	HGL

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 MCCROREY JR.
PHONE: 707.786.3031
EMAIL: MMCCROREY@SUNBELTBUILDERS.COM

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

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P.O. Box 896 | Madison, GA 30650
P: 706.342.1104

www.georgiacivil.com

Professional Seal



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

STORMWATER MANAGEMENT PROFILES

Sheet Number

C-4.1