Line	ToLine	LineLength	Incr.Area	TotalArea	RunoffCoeff.	IncrC x A	TotalC x A	InletTime	TimeConc	RnfallInt	TotalRunoff	AdnlFlow	TotalFlow	CapacFull	Veloc	PipeSize	PipeSlope	InvElevDn	InvElevUp	HGLDn	HGLUp	Grnd/RimDn	Grnd/RimUp	Line ID
		(ft)	(ac)	(ac)	(C)			(min)	(min)	(in/hr)	(cfs)	(cfs)	(cfs)	(cfs)	(ft/s)	(in)	(%)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	
1	Outfall	37.689	0.06	1.58	0.95	0.06	1	5.0	18.3	5.5	5.53	0.00	5.53	17.40	4.70	24	0.50	648.00	648.19	648.78	649.02	652.32	655.53	A0-A1
2	1	82.182	0.19	1.08	0.69	0.13	0.55	5.0	13.1	6.3	3.50	0.00	3.50	7.11	5.15	15	1.03	652.25	653.10	652.87	653.85	655.53	657.84	A2-A1
3	2	114.947	0.45	0.89	0.41	0.18	0.42	5.0	12.3	6.5	2.72	0.00	2.72	6.97	4.16	15	0.99	653.20	654.34	653.85	655.00	657.84	661.44	A3-A2
4	3	148.657	0.28	0.36	0.45	0.13	0.2	5.0	8.6	7.3	1.47	0.00	1.47	5.45	4.75	12	2.00	658.19	661.16	658.54	661.67	661.44	668.77	A4-A3
5	4	173.770	0.08	0.08	0.95	0.08	0.08	5.0	5.0	8.2	0.63	0.00	0.63	5.46	3.70	12	2.00	665.27	668.75	665.50	669.08	668.77	673.40	A5-A4
6	1	29.662	0.16	0.18	0.90	0.14	0.15	5.0	18.0	5.6	0.83	0.00	0.83	3.75	3.43	12	0.94	652.00	652.28	652.32	652.66	655.53	656.00	B1-A1
7	6	78.644	0.01	0.02	0.25	0	0.01	5.0	11.7	6.6	0.03	0.00	0.03	0.96	1.84	6	2.49	652.78	654.74	652.84	654.83	656.00	659.27	B2-B1
8	7	42.255	0.01	0.01	0.25	0	0	5.0	5.0	8.2	0.02	0.00	0.02	0.59	1.33	6	0.95	656.23	656.63	656.29	656.70	659.27	659.35	B3-B2
9	3	97.093	0.00	0.08	0.64	0	0.03	5.0	7.7	7.5	0.25	0.00	0.25	3.01	1.69	12	0.61	654.69	655.28	655.00	655.49	661.44	658.71	A3A-A3
10	9	62.506	0.04	0.08	0.60	0.02	0.03	5.0	7.0	7.7	0.26	0.00	0.26	0.43	2.29	6	0.50	655.78	656.09	656.06	656.37	658.71	659.17	A3B-A3A
11	10	49.277	0.04	0.04	0.25	0.01	0.01	5.0	5.0	8.2	0.08	0.00	0.08	0.43	1.18	6	0.51	656.16	656.41	656.46	656.56	659.17	659.00	A3C-A3B
12	1	58.479	0.08	0.26	0.86	0.07	0.24	5.0	7.5	7.5	1.81	0.00	1.81	11.33	4.07	18	0.99	648.69	649.27	649.10	649.78	655.53	653.10	C1-A1
13	12	119.450	0.18	0.18	0.95	0.17	0.17	5.0	5.0	8.2	1.41	0.00	1.41	10.30	2.95	18	0.82	649.27	650.25	649.78	650.69	653.10	656.34	C2-C1
14	Outfall	35.075	0.90	6.46	0.95	0.86	2.5	5.0	5.9	8.0	19.90	0.00	19.90	45.51	10.69	24	3.45	645.60	646.81	646.53	648.41	647.90	651.84	D1-D0
15	14	55.070	0.27	5.56	0.59	0.16	1.64	5.0	5.7	8.0	13.19	0.00	13.19	32.18	7.90	24	1.73	647.83	648.78	648.72	650.09	651.84	653.03	D2-D1
16	15	158.865	5.29	5.29	0.28	1.48	1.48	5.0	5.0	8.2	12.22	0.00	12.22	32.12	6.53	24	1.72	649.02	651.75	650.09	653.00	653.03	655.50	D3-D2

STORM LEGEND		
	ACCMP	ALUMINUM COATED CORRUGATED METAL PIPE
	BCCMP	BITUMNOUS COATED CORRUGATED METAL PIPE
	DI	DROP INLET
	DWCB	DOUBLE WING CATCH BASIN
	FES	FLARED END SECTION
	SES	SAFETY END SECTION
	GI	GRATE INLET
	HDPE	HIGH DENSITY POLYETHYLENE
	HGI	HOODED GRATE INLET
	HW	HEADWALL
	JB	JUNCTION BOX
	OCS	OUTLET CONTROL STRUCTURE
		PEDESTAL TOP INLET
	RCP	REINFORCED CONCRETE PIPE
	SWCB-L	LEFT SINGLE WING CATCH BASIN
	SWCB-R	RIGHT SINGLE WING CATCH BASIN

NOTE: 1019As AND HIGH CAPACITY GRATES IN CURB LINE TO BE HOODED

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
SCALE: 1" = 30'

GA STATE PLANE WEST

OWNER/DEVELOPER
COMPANY: CITY OF COVINGTON
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SITE DESIGNER
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PHONE: 706.342.1104

JASON P. BROWN
LEVEL II CERTIFIED
DESIGN PROFESSIONAL
#53274 - EXP. 05.01.2029

24-HOUR CONTACT
MIKE MCCROREY
404-644-2939

GEORGIA811 www.Georgia811.com
Contact 811 before you dig.

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Project Information

COVINGTON FIRE STATION #23

9155 HIGHWAY 36
COVINGTON, GA 30014
ZONING: CM - CORRIDOR MIXED USE

DRAWING DATE:	5/15/2026
DRAWN BY:	DLD
CHECKED BY:	JPB

REVISIONS	
DATE:	DESCRIPTION:
5/15/2026	ADD. COMMENTS

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Sheet Title

STORM WATER MANAGEMNET PLAN

Sheet Number

C-4.0