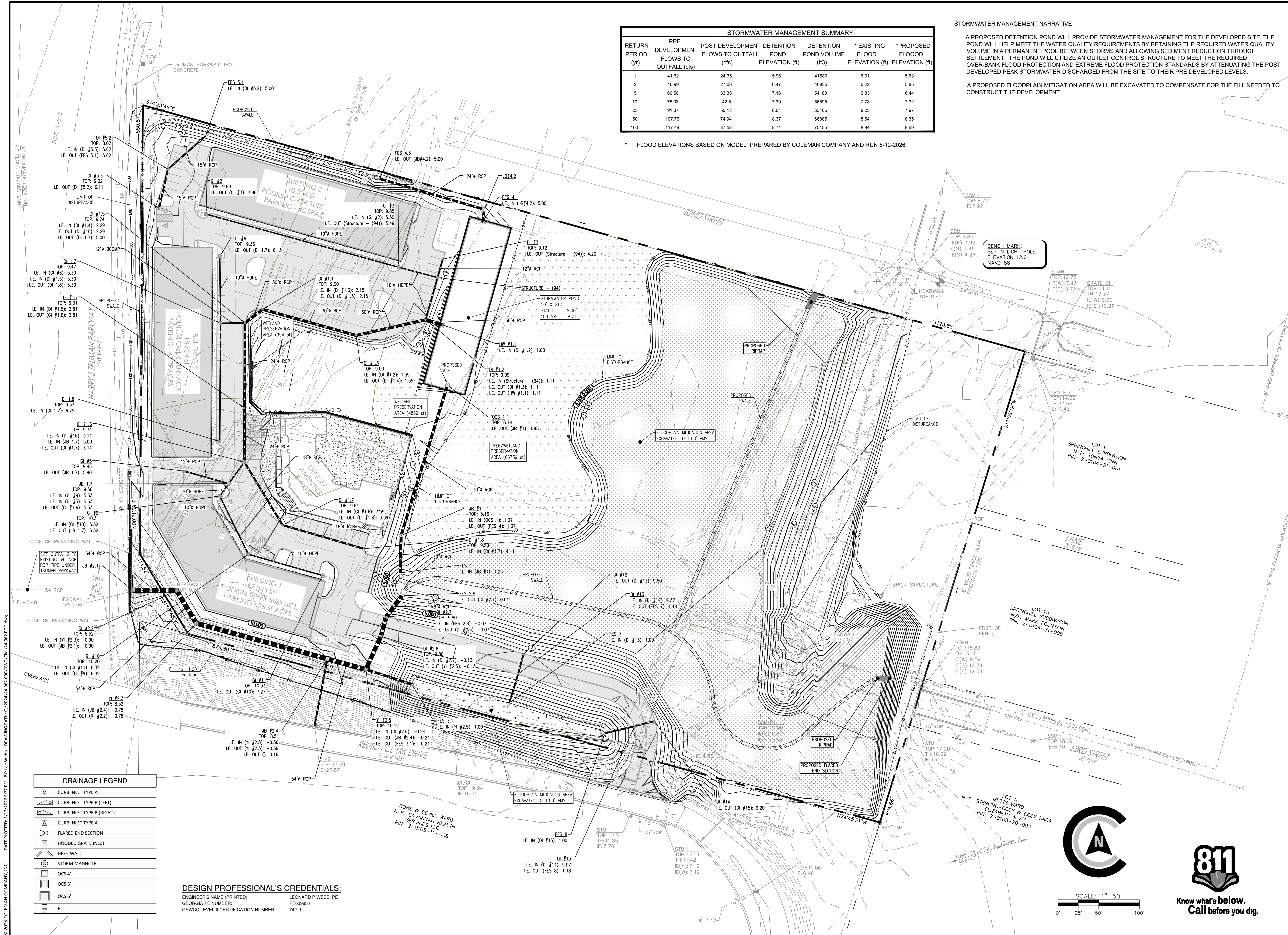




STORMWATER MANAGEMENT SUMMARY						
RETURN PERIOD (yr)	PRE DEVELOPMENT FLOWS TO OUTFALL (cfs)	POST DEVELOPMENT FLOWS TO OUTFALL (cfs)	DETENTION POND ELEVATION (ft)	DETENTION POND VOLUME (ft ³)	* EXISTING FLOOD ELEVATION (ft)	* PROPOSED FLOOD ELEVATION (ft)
1	41.32	24.35	5.96	41580	6.01	5.63
2	46.99	27.06	6.47	46935	6.22	5.85
5	60.58	33.35	7.16	54180	6.83	6.44
10	75.03	42.5	7.39	56595	7.78	7.32
25	91.07	50.13	8.01	63105	8.25	7.97
50	107.76	74.94	8.37	66885	8.54	8.35
100	117.49	87.53	8.71	70455	8.84	8.69

* FLOOD ELEVATIONS BASED ON MODEL PREPARED BY COLEMAN COMPANY AND RUN 5-12-2026

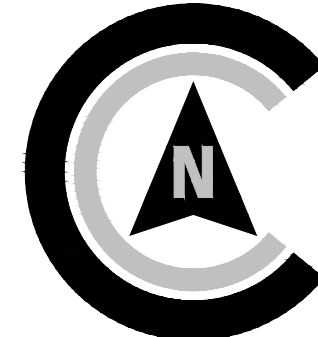
STORMWATER MANAGEMENT NARRATIVE

A PROPOSED DETENTION POND WILL PROVIDE STORMWATER MANAGEMENT FOR THE DEVELOPED SITE. THE POND WILL HELP MEET THE WATER QUALITY REQUIREMENTS BY RETAINING THE REQUIRED WATER QUALITY VOLUME IN A PERMANENT POOL BETWEEN STORMS AND ALLOWING SEDIMENT REDUCTION THROUGH SETTLEMENT. THE POND WILL UTILIZE AN OUTLET CONTROL STRUCTURE TO MEET THE REQUIRED OVER-BANK FLOOD PROTECTION AND EXTREME FLOOD PROTECTION STANDARDS BY ATTENUATING THE POST DEVELOPED PEAK STORMWATER DISCHARGED FROM THE SITE TO THEIR PRE DEVELOPED LEVELS.

A PROPOSED FLOODPLAIN MITIGATION AREA WILL BE EXCAVATED TO COMPENSATE FOR THE FILL NEEDED TO CONSTRUCT THE DEVELOPMENT.

DRAINAGE LEGEND	
	CURB INLET TYPE A
	CURB INLET TYPE B (LEFT)
	CURB INLET TYPE B (RIGHT)
	CURB INLET TYPE A
	FLARED END SECTION
	HOODED GRATE INLET
	HIGH WALL
	STORM MANHOLE
	OCS 4'
	OCS 5'
	OCS 6'
	RI

DESIGN PROFESSIONAL'S CREDENTIALS:
ENGINEER'S NAME (PRINTED): LEONARD P. WEBB, PE
GEORGIA PE NUMBER: PE039882
GSWCC LEVEL II CERTIFICATION NUMBER: 74211



SCALE: 1"=50'



Know what's below.
Call before you dig.

NOT FOR CONSTRUCTION

REVISIONS:

GENERAL DEVELOPMENT PLAN FOR
REUBEN CLARK APARTMENTS

LOCATED IN SAVANNAH, GEORGIA
PREPARED FOR COLUMBIA VENTURES

JOB NUMBER: 24-962
DATE: 03/27/2026
DRAWN BY: WRS
CHECKED BY: LPW
SCALE: AS NOTED

STORMWATER
MANAGEMENT CONCEPT
PLAN

SHEET:

C4.0

