

Revolutionizing **Stormwater Infrastructure**

FLOOD·CON

REAL SOLUTIONS FOR RESPONSIBLE URBAN DEVELOPMENT



US PATENT # 9,400,085
WWW.FLOOD-CON.COM

INTRODUCING FLOOD-CON'S INNOVATIVE STORMWATER MANAGEMENT TECHNOLOGY



**REDUCES STORMWATER
STORAGE VOLUME BY 25-50%**

100 % SOLAR POWERED

Alerts for device health and exceeded
environmental parameters



**NO-OBLIGATION
DESIGN EVALUATION**

HOW DOES IT WORK?



Our AOS is a patented intelligent device that monitors rainfall and depth of pond then calculates how much water to allow to flow from the pond. It can mimic the natural runoff rate and volume and provides proper management of water quantity and quality. It sends storm event and vital information to our cloud via cellular connectivity. Flood-Con is the only company in the industry to provide a real solution to stormwater management and flood control.

HOW WILL THIS HELP ME?

MAXIMIZE LAND USE



Our system has the ability to reduce stormwater ponds up to 50%. For above ground ponds this gives the customer more flexibility developing the property. For sites with underground ponds it can save the customer substantial cost in underground detention.

TOTAL COMPLIANCE



Our product meets or exceeds stormwater runoff and quality requirements. Our system records event data in the cloud and provides customers the ability to prove regulatory compliance.

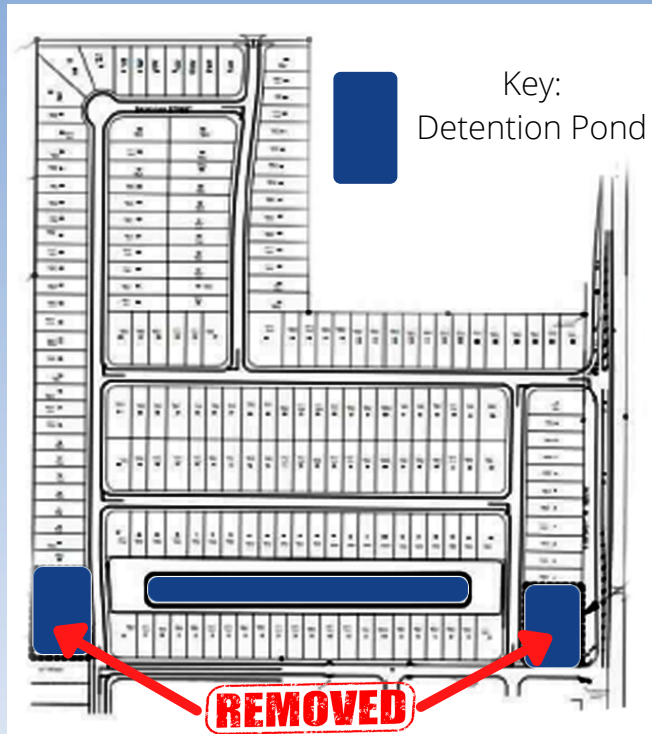
LOWER EXPENSES



Our product helps minimize system volume, uses less land area for ponds or underground detention. This saves money on land, construction costs, and time.

FLOOD-CON - REAL WORLD EXAMPLES

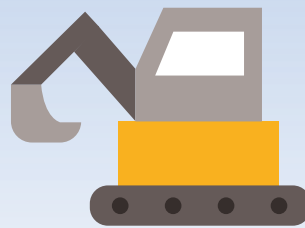
Currently used across several states and permitted by multiple state DOTs and environmental regulatory agencies. Flood-Con's patented AOS has significantly improved the quality and integrity of development for all of our customers.



What We Did:

35 Acre 204 Lot Residential Subdivision
Odenville, AL

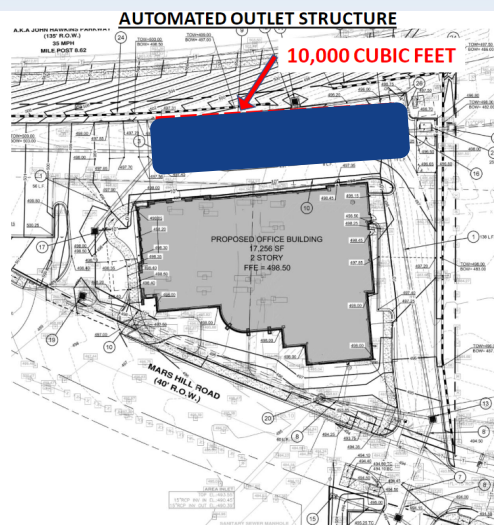
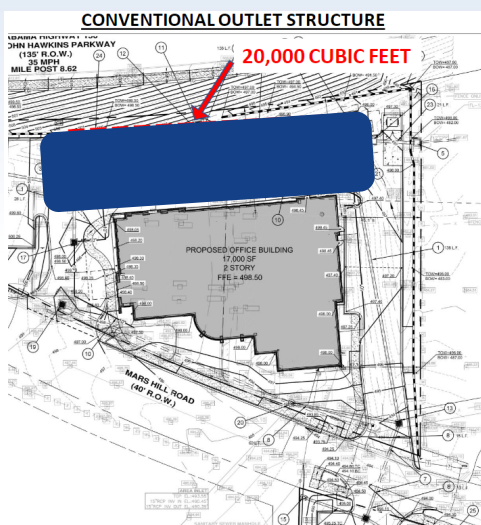
Removed 2 detention ponds and added 8
NEW lots using our Automated Outlet
Structure



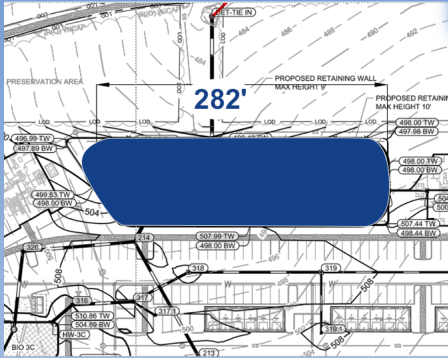
What We Did:

Alabama Ortho Spine &
Sports, Hoover, AL

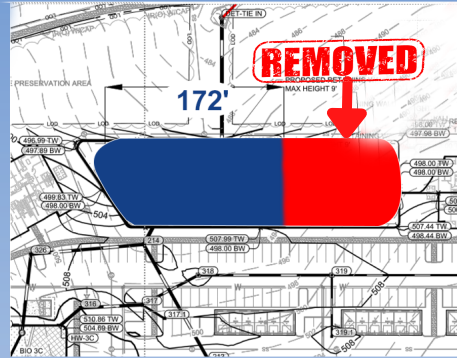
Reduced underground
detention from 20,000 cubic
feet to 10,000 cubic feet.
Saving \$75,000 in costs.



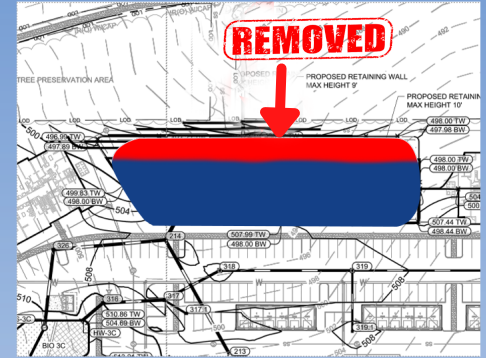
FLOOD-CON - REAL WORLD EXAMPLES



Before



After Opt. 1

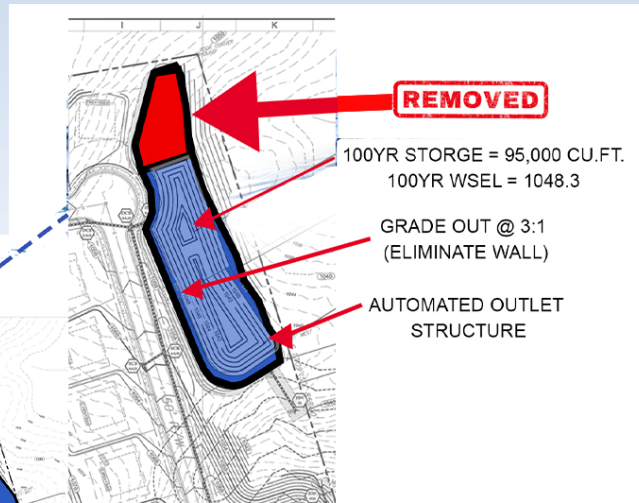
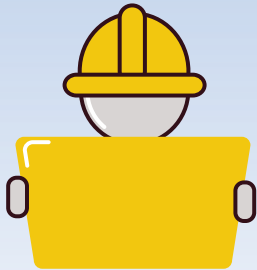


After Opt. 2

What We Did:

One Mile Parkway Madison, TN

Removed 100 LF of 8FT high retaining wall. Decreased pond volume by 22,100 CU. FT. (-31%). Reduced pond footprint by 40%. Save sitework construction costs.



What We Did:

43 Lot Residential Subdivision
Gwinette CO., GA

Removed 500 LF of 10FT retaining wall.
Decreased pond volume 30,000 CU FT (-40%)

RESULTS ARE BASED ON THE FOLLOWING:

RRv / WQV EL = 1044.00
AOS INVERT EL= 1039.00
(WITH INTERNAL WEIRS)

FREQUENTLY ASKED QUESTIONS.



● **Has it been tested?**

Yes, we have multiple units installed throughout the United States.

● **Is this for new or existing construction?**

It can be used for both new and existing construction.

● **Will it work for my project?**

Yes, our AOS will be designed for your project. Click on the design request link below and send us your project.

● **Will it survive time and weathering?**

Our products are made from high-quality materials that withstand harsh stormwater system environments.

● **Will it save me money?**

Yes, our AOS is a low impact development BMP. It requires less area and volume for at grade or underground detention, saving money on land, construction costs, and time.

● **Can I get a permit?**

Yes. Flood-con is permitted in multiple state DOTs and environmental regulatory agencies

● **Will it clog?**

Our opening adjusts during the storm event allowing less opportunity to clog.

● **It is difficult to install?**

Our AOS is installed by licensed Flood-Con representatives. No extra work is required by the contractor.

● **How much maintenance is involved?**

Each AOS is monitored every day. Inspections are performed twice per year by Flood-Con reps.

● **Does it work for underground storage vaults and chambers?**

Yes. The AOS can be installed anywhere a conventional outlet structure can go.

SCHEDULE YOUR NO-OBLIGATION DESIGN EVALUATION TODAY.

CALL:

(205) 874-9444

EMAIL:

contact@flood-con.com

WEBSITE:

flood-con.com

ADDRESS:

209 Oxmoor Circle, #710
Birmingham, AL 35209



APPOINTMENT REQUEST:

scan me



or email: contact@flood-con.com

DESIGN REQUEST:

scan me



Or go to www.flood-con.com and click on "Submit for AOS Design" at top of the page.



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