

## NOVEL MALLARD CREEK APARTMENT COMPLEX

# StormCapture<sup>®</sup> Sets New Standard in Stormwater Management

### | Owner

Crescent Communities

### | Contractor

Siteworks, LLC

### | Stormwater Volume

120,790 cubic feet of storage

### | Featured Products

**3 StormCapture<sup>®</sup> systems**

**Link Slab**

**Grade Slab**

In the bustling city of Charlotte, North Carolina, Crescent Communities embarked on the development of the Novel Mallard Creek apartment complex. Amidst the excitement of this transformative endeavor, the challenge of managing stormwater runoff loomed. Enter StormCapture<sup>®</sup>, a solution that promises to make this daunting task more manageable, revolutionize stormwater management, and reshape the landscape of Novel Mallard Creek.



## CHALLENGE

The Novel Mallard Creek project presented a unique set of challenges, among them being the seamless coordination of engineering, production, and contractor activities. With stringent regulatory approvals, Crescent Communities needed a solution that checked all the boxes, ensuring compliance while optimizing stormwater management systems, which became imperative for the project's success.

## SOLUTION

Amidst these challenges, StormCapture emerged as an innovative and efficient solution. Utilizing a state-of-the-art Link Slab design, StormCapture offered a groundbreaking approach to stormwater management. By streamlining the number of modules required, StormCapture reduced cost and accelerated the timeline for installation, boosting overall project efficiency. The decision to install the StormCapture systems was further solidified by its robust engineering support, cost-effectiveness, and the establishment of a strong partnership with Siteworks, LLC, ensuring smooth collaboration throughout every project phase.

# BENEFITS

## Cost Optimization

StormCapture's utilization of Link Slab technology led to substantial cost savings without compromising on quality or performance.

## Efficient Installation

With each system installed within a remarkably short timeframe of 1-2 days, StormCapture ensured minimal disruption to the project schedule, facilitating swift progress toward completion.

## Large Storage Capacity

StormCapture combines a remarkably large storage capacity within a compact footprint. Through its innovative design, StormCapture maximizes storage volume while minimizing the space required, allowing efficient utilization of available land and optimizing the overall use of the project site.

## Regulatory Compliance

StormCapture's innovative design not only met but exceeded regulatory standards, alleviating compliance concerns and ensuring peace of mind for all stakeholders.

## Modular Design

Consisting of individual modules that can be easily interconnected, StormCapture adapts effortlessly to the specific needs and requirements of the project. This modular approach not only simplifies the installation process but also enables customization according to varying site conditions and stormwater management goals.

