

# PRINTERA

NEWSLETTER - VOL. 3



## ARTIFICIAL REEF

Welcome to Volume 3 of our newsletter! We are excited to present an innovative project that underscores our commitment to marine conservation: the 3D printed concrete reef.

In collaboration with the Florida Oceanographic Society in Jensen Beach, Florida, we designed and implemented a revolutionary 3D printed reef. This project is not just a step forward in marine technology but a significant stride towards environmental stewardship and the protection of marine life.



Florida  
Oceanographic  
Society

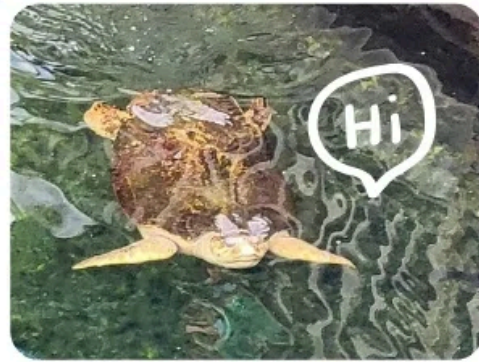






## QUICK AND EASY INSTALLATION

The installation of our 3D printed reef was impressively swift and straightforward. To handle the nearly 4,000-pound concrete print, a crane was brought in to place the reef into the desired location. After it was laid on a pallet then dropped in the water, we lifted one side of the pallet to flip it underwater to its proper orientation.



## MEET LILY!

Within hours of installation, Lily, an injured loggerhead turtle with buoyancy issues, found refuge in the newly placed 3D printed reef archway. This structure was specifically designed to help sea turtles like Lily stay submerged and rest comfortably without the risk of floating to the surface.





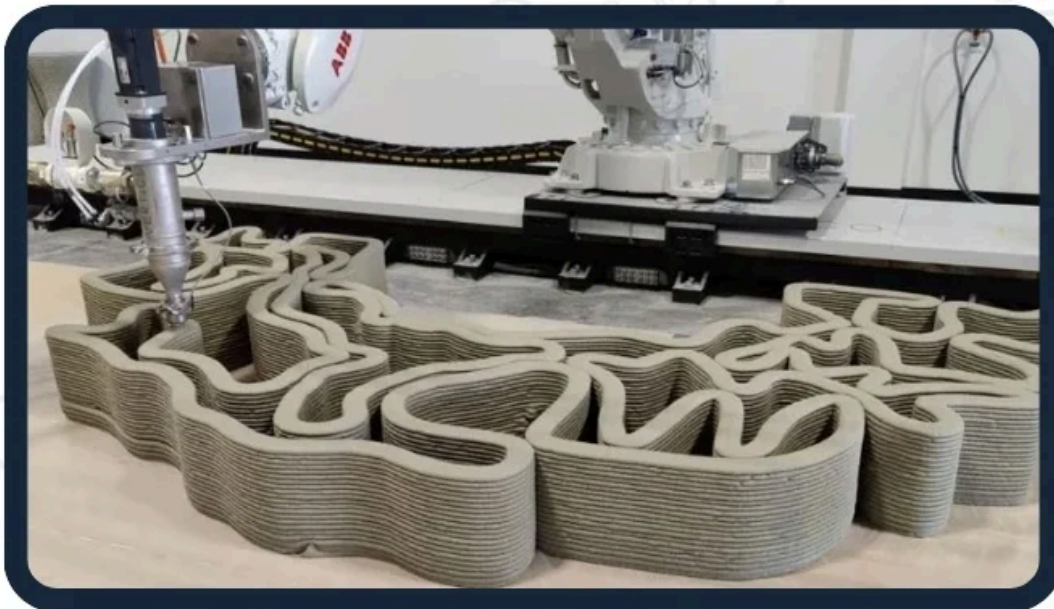
# UNLOCKED POTENTIAL

Our journey with exploring marine conservation solutions through concrete 3d printing doesn't stop at reefs. The technology can enhance many other marine structures including the creation of sea walls, sea wall caps, reef panels, mangrove structures, and much more. This versatility allows us to tailor solutions to various environmental needs, enhancing the scope and effectiveness of our conservation efforts.



## EASY TRANSPORTATION

These robust prints are easily strapped onto a trailer and delivered directly to the desired location.



## PRINTING SCALE AND CONTINUITY

This massive 4,000 pound artificial reef project was completed as a single, continuous print in under 4 hours. The size and scope of our prints are primarily limited by transportation considerations, allowing us to produce substantial components in just one day of printing.



HOPE YOU CAUGHT US!



JULY  
**30** – **01**  
AUGUST  
Renaissance Orlando  
at Sea World

## PRINTERA WAS AT THE ASLA CONFERENCE IN ORLANDO!

Printera was thrilled to participate in our first ASLA conference in Orlando. We met so many great professionals in the landscape design industry, and we invite anyone who met with us to reach out for future projects or tours of our printing facility!



Explore the wide range of customizable products we can create. From planters, benches, and privacy walls to fountains, bird baths, and more. We are excited to demonstrate how nearly any design you can imagine can be brought to life.



# OWN A PART OF INNOVATION!



## SHAPE THE FUTURE

Seize this upcoming opportunity to invest in a leader in concrete 3D printing.

Printera is an industry pioneer in concrete 3D printing, with a proven track record of projects such as FL's first 3D printed house, FL's first 3D printed concrete reef, and NYC's first 3D printed concrete project.



← **CLICK HERE!**

Stay connected and informed! Click the icon to the left to receive updates on our upcoming Start Engine campaign and learn how you can invest in Printera.

Be the first to know when we launch and how you can participate in shaping the future of concrete 3D printing. Join us on this exciting journey!



# PRINTERA

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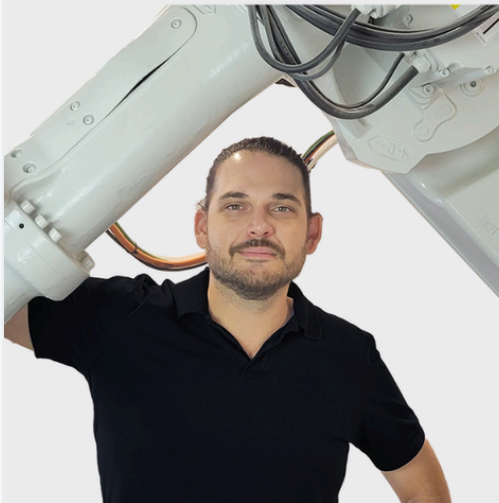
# PRINTERA EMPLOYEE *Spotlight*

The greatest part of our company is the people supporting our mission! Each issue we will introduce a member of the Printera family; describing their role, interests and background. On this third issue we will introduce Alex Cadena, our director of construction operations



## ALEX CADENA: DIRECTOR OF CONSTRUCTION OPERATIONS

With a deep-rooted passion for design that began at a young age, Alex pursued a bachelor's degree in Architecture from Florida Atlantic University, where he developed a strong foundation in drawing and design. Early in his career, he joined an architectural scale model building firm, where he meticulously crafted detailed models for major architectural projects. This role required translating complex construction documents into precise scale models, working closely with architects, engineers, clients, and stakeholders to ensure projects were delivered with accuracy and on time.



Building on this experience, he transitioned to work in a leading design-build firm, where he excelled as a project manager. In this role, he expanded his expertise in both construction and architecture, overseeing projects from inception to completion. He now serves as the director of construction operations at Printera, where he is sharing the benefits of 3d printing with all of our customers.

Whether it's perfecting his swing on the golf course, exploring new travel destinations, or diving into epic gaming sessions, Alex knows how to balance work and play. You'll find Alex spending quality time with friends, family, and Ellie, his 3 year old rescue dog.

### Printera

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