FOR IMMEDIATE RELEASE **July 21, 2021**

RE: Florida's first 3D printed home in Tallahassee, FL


Contacts

***Precision Building & Renovating, and Gulf Coast Additive Manufacturing & Design***

Kyndra Light | (850) 212-4832

Kyndra@RethinkConstruction.com

***Printed Farms***

Fredrik Wannius | (850) 212-4999

Fredrik@PrintedFarms.com


**Media Materials (videos, photos, etc.) provided shall be credited to Josh McLawhorn with Level Up Media**

***Florida's first 3D printed home*** is being constructed in Tallahassee, Florida this July. In collaboration, Tallahassee companies Precision Building & Renovating (PB&R) and their subsidiary, Gulf Coast Additive Manufacturing & Design (GCAM&D), are working with Printed Farms out of Wellington, FL to construct a fully permitted residential home.

Printed Farms LLC is providing the COBOD BOD2 printer and operating expertise for the project. Fredrik Wannius, co-founder at Printed Farms says, *"The construction industry is the world's largest industry and one that has not been impacted by a technology revolution. We are here to change that."* Henrik Lund-Nielsen, Co-founder and CEO of COBOD International A/S notes, *"We fully support Printed Farms' mission...Florida could really benefit from strong, durable, hurricane and flood resistant buildings and we are proud to deliver our small part of that."*

Precision Building & Renovating LLC is a state-certified construction company that has been researching construction techniques in practice with affordable housing for the past five years. They have launched their subsidiary, Gulf Coast Additive Manufacturing & Design LLC to support the application of 3D printing in the construction field. *"The objective for this series of homes is to build infill houses throughout the City utilizing large-scale 3-D print technology in order to provide our company with research data in authentic field conditions."* says Kyndra Light, CEO and co-founder of PB&R and GCAM&D. "*We didn't do this alone*," she notes, "*countless hours with LLG Architecture, Keaver-McKee Engineering, Sinter Form Designs, Level Up Media, and a host of mentors and community supporters were an integral part of making this project possible*."

The project is funded in-part through the City of Tallahassee's Affordable Housing Construction Loan program, one of many innovative solutions that the City provides in an effort to increase the number of affordable housing units. The completed home will be placed on the market capped at the HUD standard for 80% AMI (area median income) sale price, currently estimated between $175K - $200K.

Make no mistake, these houses are not your average test models. "*The finished product is far superior in strength, durability, and efficiency*", says James Light, COO-and co-founder of PB&R and GCAM&D, *"these homes carry less maintenance costs and, in time, will be less expensive to construct. Wood breaks and wood rots, especially here in the South. In time, we will be able to offer investment opportunities for families that are more accessible, and with a longer range of return*. *Planned permanence, not planned obsolescence*."

The 1440 sqft, 3 bed, 2 bath home will be completed using Printed Farms' COBOD BOD2 printer which will print all exterior and interior walls on a pre-poured slab. The wall system includes the structural, electrical, and insulation components. Once the print process is complete, a truss and shingle roof will be installed and the home will be finished with doors, windows cabinets, and fixtures. "*The print process for this project will take about 6-8 days*." remarks Fredrik Wannius, "*with practice and research, that time will shorten. At this time, our focus is to achieve a top quality product and train team members. With each build, we'll improve efficiency and get closer to our affordability goals*."

Project designers have also pointed out that not only will they increase efficiency with each build, but durability and features as well. "*We would like to transition to a parapet concrete roof design on future builds*." says James Light, explaining how it would further increase durability, lower maintenance, and provide an outdoor living space for gardening and exercise, *"In addition, the BOD2 printer has the ability to print the foundation and smooth the wall finishing, both features we will implement on future projects."* Kyndra adds, "*We have a tendency to apply theories in affordable housing to the sticker price when truthfully the concept is much bigger than that. People need places to thrive, not just exist. We want to be a part of making that more accessible*."

Further design applications and flexibility of the technology for everything from coastal homes, to sea walls, park facilities, landscape features, and more provide for a versatile range of return on investment. *"The opportunity to change the game on how we think about construction is here and it's happening right now in Tallahassee. The application for this technology is boundless especially when you partner it with an experienced construction company like PB&R and GCAM&D which is the logistical machine to make this innovative build happen."* says David Clark, Chief Strategy Officer of GCAM&D, and founder and managing partner of Allegiant Strategies Group, *"come join the conversation and be a part of the construction revolution!"*

Companies and individuals interested in purchasing a COBOD printer may contact Printed Farms. For more information on this project and the companies mentioned, you can visit their websites at:

www.PrintedFarms.com | www.PrecisionRenovating.com | www.RethinkConstruction.com