Space Coast Habitat for Humanity and Macedonia CDC to Build First 3D-Printed Affordable Homes in Central Florida

MELBOURNE, Fla., August 22, 2023 – Space Coast Habitat for Humanity and Macedonia CDC announced today that their organizations will become the first to build low-income single family homes in Brevard County constructed with 3D-printed innovations and technology. This affordable housing project is made possible with the support of Wells Fargo, the City of Melbourne and Apis Cor.

The project will showcase two 3D printed houses on adjoining lots in Melbourne, in a neighborhood in need of affordable homes. One of the two 3D-printed homes will be made available for rent through Macedonia Community Development Corporation. The other will be sold to a qualified low-income workforce family by Space Coast Habitat for Humanity. The project has been awarded ARPA (American Rescue Plan Act) funding through the City of Melbourne, government funds that were earmarked specifically for building affordable housing. In addition, Space Coast Habitat for Humanity and Macedonia CDC received grants from Wells Fargo to help pay for construction.

The goal of Space Coast Habitat's home-building program is to provide safe and affordable housing for low-income families who cannot qualify for conventional mortgages. This includes single and dual parent families, elderly, people with disabilities, and veterans. Each partner family pays a 0% interest mortgage, puts in sweat equity labor towards Habitat communities, and attends homeowner education classes before moving into their own home. "We are so honored and excited to lead this transformative, game-changing effort to create affordable, resilient homes for families in need," said Anna Terry, Executive Director of Space Coast Habitat for Humanity. "Using robotic technology developed here on Florida's Space Coast, we hope to usher in the future of quality home construction that costs less to build and maintain."

Macedonia CDC's mission includes providing decent housing, and participating where possible, in the Federal Housing Administration Affordable Housing Programs for under-privileged persons and persons of very low, low and moderate incomes. The desired result is to inspire the citizens of South Brevard County to make a difference in improving their living conditions, the condition of their neighbors, and also of their community.

To help pay for construction, Space Coast Habitat for Humanity and Macedonia CDC received grants totaling $300,000 from Wells Fargo. A long-standing supporter of affordable housing initiatives, Wells Fargo works to provide communities nationwide with support to help more people into affordable homes. "We're proud to join Space Coast Habitat for Humanity and Macedonia CDC to create more affordable homes in Melbourne and help put families into their first home," said Kate Wilson, Senior Vice President, Community Relations at Wells Fargo.

To build the homes, Space Coast Habitat and Macedonia CDC selected construction technology company, Apis Cor. Headquartered in Melbourne, Florida, Apis Cor has developed proprietary 3D printing technology and materials to "print" interior and exterior walls using advanced robotics and cement compounds.

The 3D printing movement within construction is gaining momentum due to the advantages over traditional construction methods. Cement compounds like those developed by Apis Cor provide better protection against mold, termites and moisture compared to wood, which is critical in the state of Florida, where sturdy and durable homes made of hurricane-proof materials are becoming more imperative.

"For building affordable homes like the two planned for Space Coast Habitat for Humanity, Apis Cor can provide homebuilders savings of time, cost and labor," states Anna Cheniuntai, Apis Cor co-founder and CEO. "Our construction process can be 3x faster than traditional construction and our proprietary concrete material is 33% stronger than concrete block. Our goal for this project is to facilitate the learning curve and adoption of the process for Habitat for Humanity and its partners."

The 3D construction project will kick off with a groundbreaking ceremony and press conference on September 7th at 9am at the location in Melbourne, Florida. At the event, attendees can meet the project partners, the family selected by Habitat for Humanity to be the homeowners of a 3D printed home in Brevard, and Apis Cor's robotic team of "Frank," "Gary" and "Mary." There will also be a public information session on the 3D-printing process for building homes.

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About Space Coast Habitat for Humanity, Inc
Habitat for Humanity is a global 501c3 nonprofit housing organization working in local communities across all 50 states in the U.S. and in approximately 70 countries around the world. Its vision is to build strength, stability and self-reliance in partnership with people and families in need of a decent and affordable home, and in the past 47 years has built and renovated 39 million homes for people, as well as repaired existing homes and revitalized neighborhoods, with financing and educational programs to keep home ownership a sustainable, ongoing part of participants' lives. The Space Coast affiliate (Brevard County) was established in 1985 and has served over 575 families.

About Macedonia Community Development Corporation
Macedonia CDC has served Brevard County since 2006. Its mission is to provide affordable housing and core skills to very low-, low-, and moderate-income households and individuals. Through partnering with other area nonprofits, government agencies, individuals and corporations, Macedonia CDC has built or rehabilitated 16 homes, with another 22 vacant properties projected for rehabilitation. Through their affordable housing programs, Macedonia CDC has served over 100 low-income family members in neighborhoods where revitalization is essential. This has created a sense of pride in the community and has influenced others to take pride and put forth extra efforts to maintain their homes.

About Apis Cor
Founded in 2016 by Nick and Anna Cheniuntai, Apis Cor is an American technology corporation headquartered in Melbourne, Florida that develops advanced technologies and materials for construction 3D-printing. The company holds the Guinness Book World Record for the Largest 3D-Printed Building on Earth and is proud to be a resident of the Autodesk Technology Centers Outsight Network. A successful participant in NASA's "3D Printed Habitat Challenge," Apis Cor was awarded top honors in several categories. Apis Cor is backed by Alchemist Accelerator, the premier accelerator for Enterprise startups, and At One Ventures, a VC and private equity firm which supports deep tech ventures that are a net positive to nature and the planet. Learn more about 3D-printing construction technology at: www.Apis-Cor.com.