

Higharc Announces Breakthrough AI Capabilities for Homebuilding

Higharc AI Converts Sketches to 3D Home Models Instantly

DURHAM, NC, February 13, 2025 — [Higharc](#), the connected cloud platform for homebuilding operations, announced today Higharc AI, a suite of new AI capabilities that make using Higharc's 3D design tools easier and more accessible for conceptual design and prototyping.

"Every year, designers across the U.S. waste weeks or months in decades-old CAD software just to get to a usable 3D model for a home. Higharc AI changes that. For the first time, generative AI has been successfully applied to Building Information Modeling (BIM), eliminating the gap between hand sketches and web-based 3D models. We're working to radically accelerate the home design process so that better homes can be built more affordably," said Marc Minor, CEO and Co-Founder of Higharc.

Higharc AI is a first of its kind workflow that transforms any sketch, drawing, or floorplan into a 3D model online. AutoLayout, the first offering from Higharc AI helps design teams get started in 3D in just minutes. Key capabilities of AutoLayout include:

- Transforming sketches, drawings, and brochure floorplans into 3D designs to quickly explore, modify, and share with the team.
- Instantly detecting room boundaries and types by analyzing key architectural features, then populates the model with essential 3D elements—including doors, windows, and fixtures.
- Fully integrating with Higharc's Drafting, Estimating, and Sales tools, so that construction documents, takeoffs, and marketing collateral can be automatically generated once the design work is complete.

"Partnering with Higharc has the potential to transform our operations by integrating advanced technology into the homebuilding process," said Ryan Young, Director of Architecture at Highland Homes. "With Higharc's AI, we could strategically respond faster to market demands and deliver visually engaging designs for our buyers with unmatched speed. This collaboration could be a win-win for both our team and our customers."

Higharc AI is now available via a beta program to select customers and represents a significant advancement for the homebuilding industry to enhance team efficiency further, reduce costs, and improve the overall homebuilding process. To learn more about

Higharc, visit higharc.com.

About Higharc

Founded in 2018, Higharc is the pioneer of The Homebuilding Cloud — the only connected platform that helps homebuilders transform how they design, sell, and build new homes and communities. Higharc customers today build over 40,000 homes annually, representing \$19 billion in new home sales volume. Headquartered in Durham, North Carolina, Higharc operates a remote-first workplace with over 100 full-time employees.