SHANE FREEBOURN

ARCHITECT | DESIGN SYSTEMS LEAD

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To the Higharc Team,

I am a **Licensed Architect (OH & SC)** who views the traditional architectural model—hand-crafting unique solutions for every lot—as a legacy inefficiency. I am applying for the **Home Design Lead** position because I want to design homes as adaptable, repeatable products that enable a fully automated builder experience.

> *"I have documented my architectural methodology and systems-thinking approach in my public repository: **github.com/ArchRefactor**. I leverage version control and documentation-as-code to manage the complexity of design configurations."*

THE LOGIC OF RESIDENTIAL SCALE

During my tenure at **Bob Webb Homes**, I managed the lifecycle of an $18M, 53-unit residential development. This wasn't just a design project; it was an exercise in systematic land-use and model coordination. I authored dozens of custom schematic proposals and land-use assessments, consistently optimizing lot yield and home configurations across various municipal constraints (New Albany, Worthington, Hilliard).

SYSTEMS ARCHITECTURE & COMPUTATIONAL DESIGN

I bring a **Design Systems mindset** to everything I build. Outside of architecture, I co-founded an independent business where I engineered an automated accounting system using **Excel and Power Query**, reducing a multi-week administrative process to **hours**. I am eager to apply this computational logic to Higharc's plan library—developing robust option catalogs and configuration logic that scale nationwide.

- **Mission Critical Rigor:** My background at **exp** coordinating complex engineering systems for data centers has prepared me to maintain a high "standard of care" for technical accuracy in an automated environment.
- **Fluency in Dev Workflows:** I am comfortable working within repositories, using commits to track architectural iterations, and collaborating with product teams in their native digital environments.
- **Remote Accountability:** I have operated with an outcome-oriented philosophy long before it was the industry standard. I thrive in Higharc's autonomous, high-accountability culture.

I look forward to discussing how we can build the future of home design at scale. My repository (**ArchRefactor**) serves as a living proof of my technical methodology and systems-focused approach.

SHANE FREEBOURN, RA, NCARB