



Senior BIM/VDC Designer | Job description

About Simple Homes

Simple Homes is a fast-growing Denver-based turn-key wood framing company focused on increasing access to high-quality housing by using technology and Swedish-inspired panelized off-site construction. We design, manufacture, and assemble framing components using a panelized construction system. Depending on project needs, panels are delivered to site with framing/sheathing, WRB, windows/doors, and occasionally exterior cladding pre-installed. We are based in Denver, where we operate a 20,000sf digitally-enabled manufacturing facility, and are currently working with a variety of leading local builders and developers.

Senior BIM/VDC Designer

Simple Homes is seeking a highly motivated, experienced draftsman/component designer to join our architecture and engineering team. This role will primarily be focused on transforming both new and existing designs into detailed fabrication models using the MiTek Sapphire Suite. In addition, this individual will be responsible for the production of detailed construction and shop drawings for component manufacturing (wall panels, floor panels, and roof sections). Last but not least, the individual will have the opportunity to contribute to the development of new designs that are optimized for our unique panelized building system.

At Simple Homes we look for problem solving pros – folks who aren't afraid to dive in, get their hands dirty, and figure out innovative solutions. As we are an early-stage startup, we need folks who can wear many hats and are energized by a fast-paced and ever-changing work environment. In this role, we also need you to have a passion for VDC and BIM.

Primary job responsibilities

- Production of component designs and shop drawings (wall panels, volumetric sections, floor cassettes, and roof panels) for multifamily projects (20+ units)
- Resolution of architectural and structural design conflicts
- Quality control reviews of fabrication models and production files
- A willingness to develop a strong working knowledge of Simple Homes factory equipment and production process to produce cost effective and production-friendly component designs
- Production of detailed materials lists (BOM)
- Coordination of wood framing with MEP systems
- Collaboration with Simple Homes internal and external customers
- Simple Homes' internal MiTek guru
- Help shape Simple Homes' unique application of Scandinavian-inspired wall panels to the US context

Key skills and experience

- Associates degree in a technical program preferred
- 2+ years of MiTek Structure experience
- 5+ years of related professional experience, including multifamily, wood-framed construction projects
- Experience and understanding of IBC Building Codes
- Experience interpreting construction documents
- Ability to develop detailed U.S. wood construction drawings and details
- Detail oriented
- English fluent
- Strong written, verbal, and artistic communication skills including the ability to present designs, outputs, and instructions clearly and concisely
- Team player who thrives in a fast-paced startup environment



- Preferred: experience with MiTek Management and MiTek Materials
- Preferred: experience with Autodesk Navisworks Manage for clash testing and sequencing analysis

Salary: \$65,000-\$75,000 based on experience

Location: Denver, CO ideally, open to remote candidates

To apply for this position click [here](#)