



DRAFTER JOB DESCRIPTION

Summary

Creates, edits, analyzes and translates curves, surfaces and solids into functional, accurate and well communicated drawings and production ready models utilizing various software programs. Develops plans that construction crews can easily follow to construct climbing gyms and wall panel systems. Develops steel details and production files to direct shop production team. Models parts in preparation for CNC production. Models 3D versions of buildings from 2D sets provided by design team, architects and engineers.

Primary and Essential Functions

- Meets with management to discuss the vision and direction of each project;
- Meets daily with team to provide updates on progress towards weekly goals;
- Creates drawings and models for climbing walls and buildings to meet client's and management's specifications;
- After the design is approved by the client, creates detailed plans that will be used to build structures and wall panel systems based on the chosen design;
- Prepares architectural designs, plans, and specifications, using computer design software including Rhino3D, Revit & Adobe Suite;
- Works closely with team members to manage each project, ensuring deadlines are met;
- Researches and proposes new technologies and growth opportunities.

Qualifications

- Three years' experience minimum or equivalent education drafting and modeling for architectural, industrial design or manufacturing settings;
- Must be proficient in Rhino3D and have solid 3-D modeling abilities;
- Climbing experience preferred;
- Considerable knowledge of the terminology, methods, practices, and techniques of architectural drafting;
- Ability to prepare complex schematic drawings from rough sketches and oral instructions;
- Knowledge of the principles and methods of steel detailing;
- Some knowledge of Agile principles;
- Ability to work independently and with a team while meeting established deadlines.
- Excellent problem solving and critical thinking skills;
- Ability to double check own work for errors;
- Proactive, self-starter;
- Excellent organizational skills;

- Well-developed time management skills with the ability to manage multiple priorities;
- Excellent verbal and written communication skills.

Job Hazards

- Noise level is typical of that found in a manufacturing environment;
- Subject to atmospheric conditions. One or more of the following conditions that affect the respiratory system: fumes, odors, dust, mists, or poor ventilation.

Vertical Solutions is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, pregnancy, sexual orientation, gender identity, national origin, age, protected veteran status, or disability status.