



PRODUCTION DESIGNER/DRAFTER JOB DESCRIPTION

Summary

Creates, edits, analyzes and translates curves, surfaces and solids into functional, well designed climbing structures 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. Assist with the management of each project working closely with applicable team members.

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 the design drawings and models for climbing walls to meet client's and management's specifications;
- After the design is approved by the client, creates detailed blueprints 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;
- Assists Sales & Marketing Manager with the sales process;
- Works closely with team members to manage each project, ensuring deadlines are met;
- Researches and proposes new technologies and growth opportunities.

Qualifications

- Three years architecture experience minimum or equivalent education;
- Must be proficient in Rhino3D and have solid 3-D modeling abilities;
- Climbing experience preferred;
- Considerable knowledge of the basic principles of architecture, building construction methods and materials;
- Considerable knowledge of the terminology, methods, practices, and techniques of architectural drafting;
- Some knowledge of the principles and methods of surveying and inspecting sites and buildings;

- Ability to prepare complex schematic drawings from rough sketches and oral instructions;
- Some 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 project management 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.

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