1. Developed communication documentation to help convey key design aspects to clients.
2. Sketched outline designs and used CAD programs to create detailed design and specifications.
3. Developed concept layout and design of [Type] product from specifications using 3D CAD software.
4. Designed and optimized mechanical components for [type of system or process].
5. Developed manufacturing drawings and oversaw teams of technicians in construction of systems.
6. Researched customer design proposals and requests to evaluate feasibility, cost, and maintenance requirements of designs.
7. Read and interpreted blueprints and created engineering drawings and sketches.
8. Read and interpreted blueprints, technical drawings, schematics, and computer-generated reports.
9. Managed continuous improvement projects.
10. Built 3D models with [Software] to outline machinery designs for production teams.
11. Incorporated text comments and instructions to finalize drawings and guide installers or production staff.
12. Assisted in development of [Type] testing systems, including automated [Type] equipment.
13. Created scale and full-size blueprints for [Type] needs, highlighting all aspects of mechanical designs.
14. Updated designs with latest feedback from customers and [Job title]s.
15. Worked with CAD systems and software to turn [Job title] designs into workable specifications, drawings and equipment details.
16. Computed scaling, specification details and other factors with strong mathematical abilities.
17. Developed detailed design drawings and specifications for mechanical equipment, dies and controls using computer-assisted drafting (CAD) equipment.
18. Highlighted functional relationships between components using high-quality angle, orthographic and schematic views.
19. Conferred with customer representatives to review schematics and answer questions pertaining to installation of systems.
20. Supervised and trained other drafters, technologists and technicians.