

Computer Aided Drafting and Design (CADD) Services

Are you in need of CADD services, but do not have the resources in house? Let CAPACCIO be your one stop shop for all your CADD needs. Our talented designers can create plans depicting accurate information modeling for a cost-effective price within a time frame that meets your needs.

With our up-to-date CADD software and hardware, we can take your design plans to the next level. Whether it is scanning and converting old hard copy plans to CAD, updating previously archived CAD geometry, making multiple hard copies, or even scanning hard copies to Adobe for archiving, we can assist you. No job is too small, too large, or too complicated.

CAPACCIO also has an extensive and continuously growing block library that allows us to add information such as model numbers, voltage or part numbers. This information can be extracted directly into the drawing or exported to an Excel worksheet. We can also customize blocks specific to your needs. Whether it's creating extensive Process & Instrumentation Diagrams (P&ID), simplified Process Flow Diagrams (PFD) or laying out extensive 3d conceptual plans to make sure equipment can fit into the space allotted, we can help.

CAPACCIO can also maintain your drawing files at our office so they can be reused for future projects. As items change over time, we can simply update your plans to make sure you are in compliance and that your project needs are met.

CAPACCIO has our own well documented drafting standards, but we can also adapt to your drafting conventions or in-house standards. Our expert staff can help you develop company standards based on industrial convention or your company's needs.

To lessen impacts on the environment, reduce waste and speed up the review process, plans are reviewed electronically in secured Adobe format, unless otherwise specified. With this method, there is no need to purchase additional software to review your plans, To ensure confidentiality, your information is distributed to individuals you have previously approved Any plans that are plotted and not used are destroyed to protect your design information.

BENEFITS

When you utilize CAPACCIO's CADD services, you will receive:

- Certified AutoCAD drafting and design specialists to work on your projects
- The entire firm's environmental engineering expertise to ensure your plans meet all compliance and regulatory requirements
- Pricing and design options to ensure you meet your requirements and stay within your budget
- A variety of formats to choose from for your CADD drawings (.dwg, .dxf, .dwf, .dgn, .fbx, .wmf, .sat, .stl, .eps, .dxx, .bmp)
- Wide format plotting and scanning capabilities
- Secure storage of your drawings at our office for future reference, accessibility and updating (e.g. centralized document retention)
Access to our extensive block library, so items do not need to be redrawn

SERVICES

Process Design

- Site plans
- Civil design plans
- Conceptual and 3-D conceptual design plans
- Facility plot plans
- Final design documents for bidding and construction
- Geotechnical survey and mapping
- Piping, pumps, equipment, instrumentation
- Process Flow Diagrams (PFD)
- Process & Instrumentation Diagrams (P&ID)
- WWT Design

Regulatory

- Aerial drawings
- Contingency Plans
- Emergency Response Plans
- Evacuation maps
- Flood maps
- Hazardous Waste Contingency Plans (HWCP)
- Life Safety/Fire Preparedness Plans
- Risk Management Plans (RMP)
- Spill Prevention Control & Countermeasure (SPCC) Plans
- Stormwater Pollution Prevention (SWP3) Plans



QUALIFICATIONS

CAPACCIO certified CADD professionals are:

- Experts in 2Dimensional design, 3Dimensional design, advanced AutoCAD applications and civil and mechanical design
- Designers who possess mechanical and architectural experience and are fl uent in AutoCad, AutoCAD Architecture, Google Earth integration, Terrain Navigator Topography and Landview



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