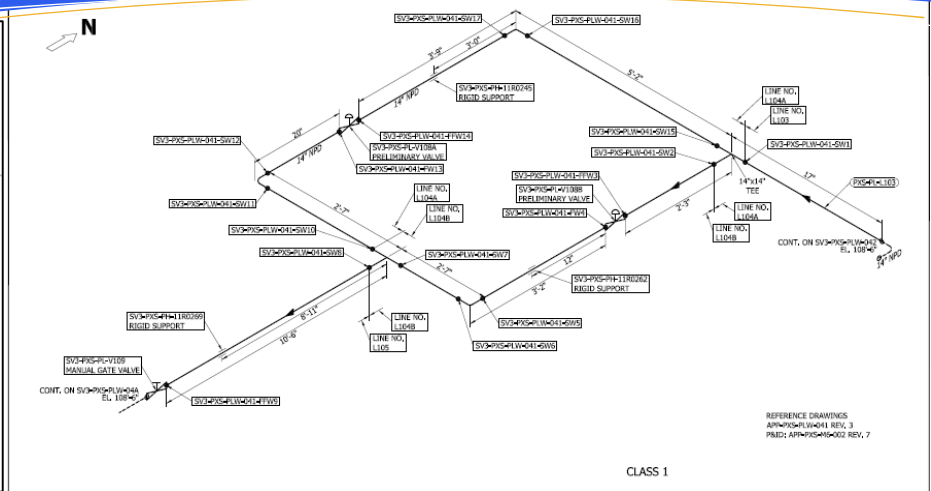
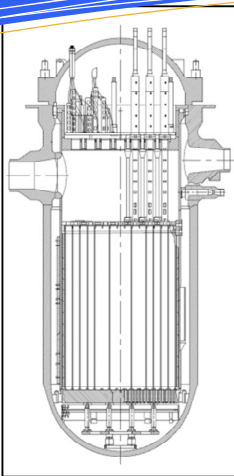


➤ Engineering Programs

- ISI Color Coded Boundary Drawings
- ISI NSSS Component Detail Drawings
- ISI Weld and Support Examination Drawings
- Piping Isometric Drawings
- Pressure Testing Boundary Drawings
- P&ID Overlay Drawings
- 10CFR50 Appendix J Penetration Configuration Drawings
- Inservice Testing Program Scope Drawings



CAD Outsourcing

True North Consulting has expanded their services to include Computer-Aided Design (CAD) Drafting Services.

True North Consulting is an Engineering Services company specializing in support for the electric power industry. Founded in 1999, True North Consulting has provided engineering based consulting services to the majority of US utilities and to several abroad.

True North Consulting employs a large Engineering staff to assist with development, analysis and review of your engineering projects.

This cost effective service can maximize savings and help you reduce your expenses on office space, technical equipment and professional software.

Experienced professional drafters provide quality mechanical drafting services for all of your design and planning needs. Our drafters are experts in mechanical drafting and will deliver precise working detailed mechanical drawings based on your ideas, sketches, and specifications.

Our CAD drafting projects include:

- Assembly drawings
- Piping and Instrumentation diagrams
- Fabrication drawings
- Component design layouts
- Mechanical parts design drawings
- Product design schematics
- Manufacturing diagrams
- Shop drawings

Your paper drawings can be converted to accurate workable AutoCAD drawings.

Drawings will be generated utilizing the CAD layer and line type preferences you provide or if you don't have specific requirements we will propose

standard requirements to be used consistently throughout your project.

Conversion services include:

- Raster to vector
- Paper to CAD
- Pdf to CAD
- 2D to 3D conversion

TURNKEY OPTION

The Turnkey Option is a multi-step process. Our staff engineers provide technical input to ensure our product meets a site's requirement. This option includes all work required to produce a drawing ready for your Document Control System.

Workflow for Turnkey services begins with a drawing package. This package includes all outstanding change documents and any existing electronic files. Our personnel will prepare the packages using either remote access or on site access.

Workflow includes an initial review of package documents, drafting, technical check, and final approval. During the initial review any outstanding change documents are evaluated and reconciled. If this review produces any issues, the issues will be resolved with the site before continuing.

ON-DEMAND OPTION

The On-Demand is either hourly or per drawing. This includes the drafting work and a drafting check. If any issues arise, they will be transmitted to the customer. The On-Demand Option does not include any technical review unless specified.

For more information contact:
Jeffrey A. Neyhard
Manager Software Services
(315) 430-7218
jan@tnorthconsulting.com

➤ Raster to Vector Conversion

➤ Paper to CAD Conversion

➤ Scanning Services

➤ Mechanical Drafting

➤ Engineering Design Services

Please contact us to learn more about the full capabilities of our CAD Outsourcing Services.

www.tnorthconsulting.com