

COMPUTER-AIDED DESIGN (CAD)

ENSAFE

Environmental
Management & Planning

Civil/Design
Engineering

Environmental
Restoration

Natural & Water
Resources

Health &
Safety

Technology

EnSafe's Computer-Aided Design (CAD) Team simplifies complex environmental data by transforming it into visual drawings, aiding engineers in assessing subsurface conditions and planning remediation efforts. This visualization helps our clients comprehend the data, expediting approvals and fostering trust. CAD, a digital drafting tool, communicates site geology effectively and guides environmental projects from analysis to visualization, benefiting both technical teams and clients.

DELIVERABLES, MAPPING, IMAGERY, AND DESIGN/BUILD PLANS

- Existing Conditions Surveying, Construction Staking
- Using Nikon Total Station with Trimble 600C Data Collector
- Imagery and Aerial
- Field Sketches
- Health and Safety Document Support
- Building Evacuation Plans
- SWPPP (Storm Water Pollution Prevention Plans)
- SPCC (Spill Prevention, Control and Countermeasure)
- Phase 1 Figures
- Phase 2 Figures
- Process and Instrumentation Diagrams
- Hydraulic Flow Diagrams
- Geological Cross-Sections
- Perspective (ISO) Illustrations
- Compute Volumetrics
- Comprehensive Construction Design and Construction Plans
- Contractor or In-House-Use Detailed Shop Drawings

TECHNICAL EXPERTISE AND APPLICATIONS

- Autodesk Civil 3D
- Various 3rd party Applications for AutoCAD
- Adobe Pro
- Microsoft Word and Excel
- Google Earth Pro



Industries Served



Chemicals/
Pesticides



Landfills/Solid
Waste



Industrial/
Manufacturing



Transportation/
Ports



Aerospace



Oil/ Natural
Gas



Healthcare/
Pharmaceuticals



Construction/
Demolition



State
DOTs



Federal



Metal
Manufacturers



Electrical/
Utilities



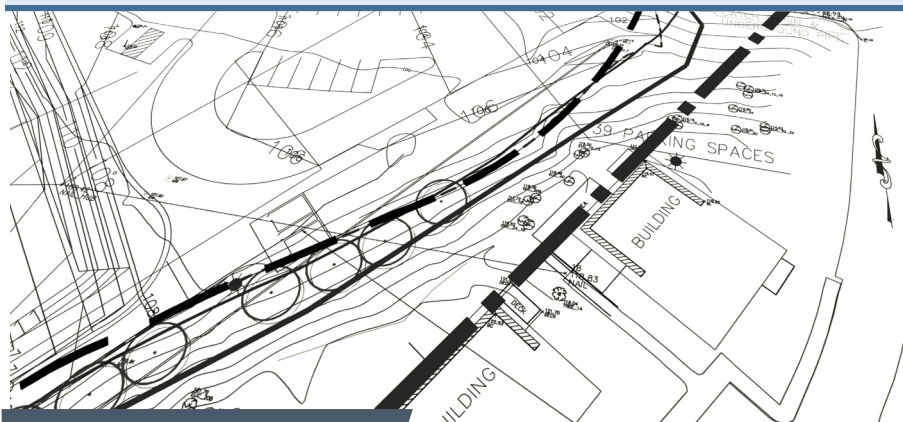
Parks and
Recreation



Timberland
Industry



Landscape
Design



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