



**engineering  
direct**

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ENG-DIRECT.COM



## ABOUT US

### Delivering Excellence in Engineering

Engineering Direct, LLC, established in 2013 and located in Columbiana, Ohio, is a leading design-build civil and structural engineering firm. We specialize in the development of warehouses, manufacturing facilities, and industrial spaces, delivering innovative and efficient solutions tailored to each client's unique needs.

Our team works hand-in-hand with property owners, architects, and other design professionals to ensure seamless construction processes and custom designs. We pride ourselves on our ability to transform complex visions into tangible structures, enhancing both functionality and aesthetic appeal.



## WHAT WE STAND FOR



### Comprehensive Expertise

We integrate civil and structural engineering with a contractor's mindset to ensure a seamless and efficient project delivery process.



### Quality and Safety

We uphold the highest standards of quality and safety in every project, ensuring that every structure is built to last and meet rigorous safety guidelines.



### Collaborative Partnerships

We believe in fostering strong, transparent partnerships with our clients and collaborators, working together toward shared goals and exceptional results.



### Consultative Approach

From project initiation, we offer expert guidance, particularly in metal building structures, leveraging our specialized knowledge to provide optimal solutions.



## OUR EXPERTISE

### Engineers with a Contractor's Mindset

Each project presents its own unique set of challenges, including factors such as size, complexity, scope, timelines, and budget. With our extensive experience, we have successfully delivered both small and large-scale projects on time and within budget. Our positive track record on similar projects speaks to our commitment to quality, safety, and meeting client expectations. We understand the importance of cost and take a practical, systematic, and structured approach. By combining the expertise of engineers with the vision of contractors, we ensure effective design solutions and practical outcomes based on proven methods.

### Choosing the Building Right for You

At Engineering Direct, LLC, we specialize in metal building systems, offering expert guidance from concept to final permitting. With years of experience, we've successfully completed metal building projects for a diverse range of organizations. We specialize in foundation design, addressing the complex and unique needs of manufacturing, industrial, and production facilities, while ensuring precise presentations, permits, and construction drawings using the latest BIM technology.

### Advantages of Pre-Engineered Metal Buildings

- Faster construction timelines
- Cost-effective for applicable building types
- Flexibility for future expansion
- Spacious clear spans for increased functionality
- Architectural design flexibility
- Single-source responsibility for PEMB packages
- Suitable for design-build, CMAR, and design-bid-build approaches



## ENGINEERING CAPABILITIES AND TECHNICAL SERVICES

- Engineering research, Value Engineering, and Feasibility Analysis
- Planning Commission and Board of Commissioner Presentations and Approvals
- Space planning, facilities layout, conceptual and alternative development
- Shallow & Deep Foundation Design
- Masonry, Concrete, & Structural Steel Design
- Pre-engineered Metal Building Consulting
- Building Information Management (BIM), 3-D Modeling and Design
- COMcheck Compliance
- ANSI A117 Accessibility Compliance
- Department of Transportation Compliance
- OBC and IBC Compliance Review
- Architectural Review Board Presentations and Approvals
- Site Planning, Analysis and Design
- City and Township Ordinance Research
- Site Grading & Earthwork
- Storm water management design
- Storm and Sanitary Utility System Design
- Storm water Runoff Analysis
- Storm water pollution prevention planning (SWPPP)
- National Pollutant Discharge Elimination Systems (NPDES)
- Truck traffic modeling and planning
- EPA and DEP Coordination and Compliance





## SITE-SPECIFIC ENGINEERING

### Stormwater and Site Development

Engineering Direct LLC specializes in delivering tailored site-specific solutions for all land development projects. We recognize that each municipality, state, and project site presents unique challenges that must be addressed with precision. Our services include stormwater management design, construction documentation, probable opinion cost estimates, stormwater pollution and prevention plans, and all necessary site elements to complete land development permit drawings. With extensive experience in the design-build sector, we are well-equipped to understand the requirements during initial consultations with architects, owners, and general contractors, making our expertise invaluable throughout the process.



## UNIQUE QUALITIES

### INTEGRATED

#### Design-Build Expertise

- **Value Engineering:** Embedded in our design-first approach.
- **Team Synergy:** Engineers and builders work in unison for economical and efficient project execution.

### ADVANCED

#### Technical Capabilities

- **Comprehensive Analysis:** Tailored solutions from conceptual design to approved construction documents.
- **Technology Integration:** Utilizing Civil 3D AutoCAD and Autodesk REVIT for precise 3D modeling.

### PROACTIVE

#### Project Management

- **Adaptive Processes:** Skilled in handling unexpected demands and streamlining critical path activities.
- **Expedited Outcomes:** Efficient project schedule management to avoid delays.

### COMMITTED

#### To Excellence

- **Versatile Collaboration:** Effective partnerships with engineers, architects, and construction firms.
- **Service Diversity:** Expertise in site planning, structural analysis, and construction management.



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**Unlock Expert Engineering Solutions  
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