



Buildable EXPERIENCE

JDH Engineering, Inc. brings together a unique blend of structural knowledge and experience to meet the needs of today's built environment. Our goal is to provide quality structural consulting services to architects, contractors, building owners, and others in the community. We work with each client to understand project needs, and develop creative building solutions.

JDH has provided structural engineering for commercial, industrial, retail, religious, educational, health care, fitness, residential, municipal, correctional, theatrical, library, sports, and parking facilities. Our experience includes numerous restoration and renovation projects, preserving and enhancing continued use with regard to each project's individual considerations. Responding to the call to be good stewards of our environment, our designs consider the economical use of materials while providing serviceable structures that meet the needs of the intended use. Structural design is integrated with other materials that meet the goals of energy efficiency and conservation.

Nearly three decades of experience with widely diversified clients has provided us with the unique ability to provide complete structural engineering services. Nine of the design engineering staff hold professional engineering licenses representing over thirty states. Professional licensing is an expectation for all of our design engineers. Technical and design support is provided by graduate engineers, trained technical staff, and administrative personnel, all of whom are an important ingredient to the success of our service to the client. We are proud to be one of the largest structural engineering firms in West Michigan.

"What makes JDH different? We possess a wide variety of engineering experience with leading edge thinking and technical expertise. And, we truly care about our clients."

LARRY HULST, PE

STATE LICENSES

| | |
|-------------|----------------|
| Alabama | Missouri |
| Arizona | Montana |
| Colorado | Nebraska |
| Connecticut | Nevada |
| Florida | New Mexico |
| Georgia | New York |
| Illinois | North Carolina |
| Indiana | Oklahoma |
| Kansas | Pennsylvania |
| Kentucky | South Carolina |
| Louisiana | Tennessee |
| Maryland | Texas |
| Michigan | Utah |
| Minnesota | Virginia |
| Mississippi | Wisconsin |

PROFESSIONAL MEMBERSHIPS

American Institute of Steel Construction (AISC)
American Society of Civil Engineers (ASCE)
National Society of Professional Engineers (NSPE)
Michigan Society of Professional Engineers (MSPE)
American Concrete Institute (ACI)
National Council of Examiners for Engineers and Surveyors (NCEES)
Structural Engineers Association of Michigan (SEAMI)
National Concrete Masonry Association (NCMA)
International Masonry Institute (IMI)
Masonry Institute of Michigan (MIM)
Construction Specification Institute (CSI)
Structural Engineer's Risk Management Council (SERMC)
Precast/Prestressed Concrete Institute (PCI)



Buildable VALUES

There are four driving factors behind our corporate philosophy, our day-to-day operations, and ultimately our success. These values guide everything we do and shape who we are and how our clients, our employees, our partners, and the public perceive us.

OUR FAITH: JDH was founded on Christian principles that focus on service, integrity, and teamwork. We believe in integrating our faith into every aspect of our business—from client interaction, to how we treat one another, to our decision making.

OUR FAMILIES: We recognize the importance of a healthy balance between business and personal life. Because of this, JDH supports a commitment to family and personal life. We support our employees as they contribute to the health and well-being of their families.

OUR EMPLOYEES: We understand the value of each of our employees and strive to help them reach their greatest potential. For us, this means equipping them with the tools and technology that encourage professional and personal growth.

OUR BUSINESS PARTNERSHIPS: Our business is built on long-term client relationships. Because of this, we are committed to our client expectations and timely, in-touch service.

Buildable RELATIONSHIPS

We serve a diverse clientele, including architects, contractors, developers and owners. Because 95% of our work is from recurring clients, we place a great deal of importance on building and maintaining long-term relationships. We believe in getting to know our clients' goals, objectives and personality, then matching them with the JDH talent that best suits their needs. This pairing allows for personal service for large, multi-faceted clients as well as those with select market focus.

Understanding the importance of clear and timely communication, we strive to mold that into every aspect of design and construction of the structure.

That is the impetus behind our attention to detail and remaining current with technology and education. Our focus to provide timely response to issues and questions has been long recognized by both design and construction professionals, and is key to our continued success and the success of each individual project.



“Personal attention and effective communication while providing expertise—that’s the key to developing successful relationships with our clients.”

RALPH DENHARTIGH, PE

Buildable

APPROACH

JDH is committed to using an established, systematic process for each project. In a constantly changing environment, our phased process provides an adaptable yet firm course of design progress. The end result is the construction of the facility or product meeting the specific needs of the client.

The phases of the process include schematic design, design development, documentation, and contract administration.

When you partner with JDH, you work directly with an engineer and a principal-in-charge who is responsible for the success of your project. From design concept to contract administration, this method produces consistency, with final construction accurately reflecting our design intent.

The development of Building Information Modeling (BIM) allows for better integration of building systems, enhanced teamwork, and construction efficiency. A vital component to the rapidly changing design environment, JDH is committed to BIM and anticipates the ultimate value it will bring our clients.

Our team approach allows us to work closely with clients, look out for their interest and genuinely care about each project's outcome.

“Our progressive approach allows us to develop the necessary resources to change with the market and our clients' needs.”

BOB JOHNSON, PE

PHASE ONE

Schematic Design

- Lateral stability is considered for general system implementation.
- Schematic development of typical bay framing with sizes of main member.
- Selection of cost-effective structure that provides the client with the greatest value.

PHASE TWO

Design Development

- Project progresses from concept to working drawings
- Consideration is given to specific structural and architectural details that require development prior to the start of the Documentation phase.
- Framing plans are developed, major components are defined.

PHASE THREE

Documentation

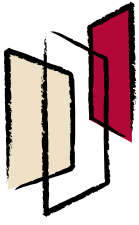
- Constructability and relationship to other building trades are considered to minimize potential difficulties during construction.
- Finalization of structural design using the latest computer software for design analysis and documentation of the project.

PHASE FOUR

Contract Administration

- Provide vital services to keep construction within the parameters of the intended design.
- Review of shop drawing submittals relative to the structure.
- Coordination with specialty vendor designed items that may impact the structure.
- Assist client and contractor in clarifying questions that arise during construction.
- Periodic site visits for general review within agreed contract scope.





JDH

Structural
Engineering