



the jdi group
architects & engineers

CREATIVE DESIGN FOR UNIQUE CHALLENGES

SOLVING THE SITE TO UTILITY GAP

Site development isn't just about where a building goes - it's about how everything around it works together. If utility connections are extended to your site, but the elevation doesn't match, construction can stall or require costly rework. The JDI Group designs sites with the full system in mind - utilities, grading, drainage, and facility performance - ensuring a buildable, functional solution from the ground up.

WHAT WE DELIVER

Grading and Drainage Design

Utility Extension

Elevation Coordination

Stormwater System Planning

Zoning and Permitting

Full-Discipline Coordination



GROUND-UP DESIGN STRATEGIES COORDINATED FOR SITE + SYSTEMS

Where Site Meets System

When extending utilities to a site, many owners assume that once services are available, the rest is straightforward. But elevation mismatches between existing grades, utility lines, and building elevations can create serious design and construction challenges if not addressed early.

Smart Elevation Planning

Proper site design considers more than layout. Utilities must be reachable by gravity or pressure systems, stormwater must drain effectively, and the building's elevation must support it all. In some cases, this means raising or regrading the entire site to align systems, meet code, and avoid downstream issues.

Integrated Design for a Functional Site

Our in-house team of civil, architectural, and engineering professionals works together from the start, ensuring your site is not only zoning compliant but also functional and constructible. We solve elevation conflicts before they create delays or cost overruns.

▶▶▶ Civil Expertise | Utility Coordination | Elevation Strategy