



Excellence in Aquatic Engineering



Who We Are

WT Group's Aquatic Engineering Team has more than 40 years of experience designing over 3,000 aquatic and park district facilities. Our priority is to assess, guide, problem solve and service each project to meet the exacting needs and requirements of the client.

From concept to budgeting, permitting to construction, WT Group's Aquatic Engineering Team will lead you through the process to complete a safe, functional, and aesthetically pleasing project.

Our team has an in-depth knowledge of aquatic, mechanical, plumbing, electrical and structural engineering and integrates these disciplines as required by each project.

Our projects span across the U.S. and we are pre-qualified by the Illinois Department of Public Health to administer engineering design standards that apply to water facilities. Our knowledge, experience and skill ensure that your aquatic project will comply with the Americans with Disabilities Act (ADA) and all rigorous regulations, standards and certificates. Our commitment is excellence.



Experienced in advanced disinfection, U.V. sanitation and filtration technologies including regenerative media filtration



Create innovative aquatic designs based on safety, functionality and pristine aesthetics



Update, renovate and design state-of-the-art new construction in partnership with architects and owners



Services Provided

- Project Assessment
- Existing System Evaluation
- Feasibility Studies
- Budgeting
- Conceptual Design
- Schematic Drawings
- Design Development
- Construction Documents
- LEED Design
- Bidding/ Negotiations/ Permitting
- Construction Observation

We efficiently and knowledgeably guide each step of the process, from concept to final construction. Experienced insights and dedicated supervision of each detail result in beautiful, safe water environments that are easily managed and highly used.

OUR PROMISE

Collaboration and Knowledge

Before any project begins, we conduct a full site assessment, code and regulation review. Full knowledge of the client's needs, challenges and requirements are integral to successful project completion. We then collaborate with owners and architects to achieve an aesthetic, safe and sustainable design.



Efficiency and Economy

We seek efficient and economical engineering, design and construction solutions. Anticipating and addressing construction problems in advance saves our clients both time and money.

Our ability to scale up or down to meet the specific scope of each project results in efficient, economical use of resources.



Safety and Aesthetics

We design facilities that are as safe as they are beautiful. We design and engineer pools, features and facilities that are innovative yet functional; eye-catching and fun to use. Our projects increase revenue for commercial clients and enjoyment for patrons. Above all, they are clean, well-filtered, and environmentally sound.



Types of Projects

WATER PARKS/AQUATIC CENTERS:

Innovative designs that incorporate fun design elements for high usage and safety.

COMPETITION POOLS:

From concept to completion, designs that bring competitive natures to life.

PARKS & RECREATION:

Built and designed with an emphasis on safety, sustainability, sanitation, filtration and infection control.

WATER PLAYGROUNDS:

Aesthetically pleasing, imaginative, manageable designs built on core principles of safety and sanitation.

HEALTH CLUBS, FITNESS CENTERS, THERAPY CENTERS & TRAINING FACILITIES:

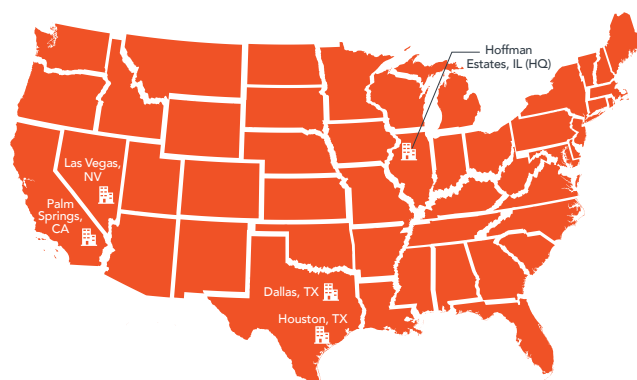
Committed to ensuring the final product is safe, compliant and functional for patrons to enjoy.

SWIM SCHOOLS:

Designed in collaboration with users for fun, optimal learning in a safe, healthy environment.

HOTELS & CONDOS:

Lap pools, swimming lanes, spas and underwater bench features for guests and residents to enjoy.



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