



STATEMENT OF QUALIFICATIONS





"Moving water has a fascinating vitality. It has power and grace and associations. It has a thousand colors and a thousand shapes, yet it follows laws so definite that the tiniest streamlet is an exact replica of a great river."

Roderick Haig-Brown



400 Record St.
Dallas, Texas

OVER 35 YEARS OF EXPERIENCE

GPSI is a registered engineering firm that specializes in innovative design and engineering for water features, water transfer, water recirculation, pools, irrigation pump stations, and many other projects that require “moving water with a purpose.” We deliver outstanding water feature design and construction with exceptional knowledge and capabilities derived from 35-plus years of experience. Working with developers, architects, landscape architects, engineers and municipalities, GPSI has designed and built diverse projects in locations across the United States.



UNIQUELY QUALIFIED

1982 GPSI was founded as a construction company. In response to increasing demand for turnkey capabilities, we began providing design services more than 20 years ago.

2012 GPSI registered as an engineering firm in order to offer professional engineering services to our clients. Our in-house, interdisciplinary team consists of registered engineers, programming/control experts, licensed irrigators and water quality specialists.

- No other design firm in the country backs the design and engineering of commercial water features with comparable professional resources and construction experience.
- We have the engineering background and capabilities to provide a custom design solution for any water feature.
- Our engineering and construction expertise bridges the gap between design concept and finished product.
- Our engineering and landscape architecture backgrounds, coupled with creative solutions, equip us to work within budget constraints without compromising the integrity of the design.
- We have been recognized for contributing to a number of award-winning projects.

Shops at Clearfork
Fort Worth, Texas



CAPABILITIES AND SERVICES

GPSI provides consulting, engineering and design for commercial water features – from concept to completion.

Engineering services include:

- Architectural Water Feature Design
- Interactive Water Feature Design
- Natural Waterways
- Pool MEP Design
- Water Transfer Design
- Water Collection and Reuse Design
- Irrigation Pump Station Design
- Floating Fountain and Lake Aeration Design
- Renovation of Existing Water Features
- Budget Analysis
- Water Feature Mockups
- Construction Administration



Houston Methodist Hospital Campus No. 8
The Woodlands, Texas



Texas Rangers Stadium
Arlington, Texas



CONSULTING

Upfront discovery pays invaluable dividends

GPSI's rare combination of engineering and construction expertise equips us to quickly assess the feasibility of your project. It pays to involve GPSI when the conceptual design of your project's water feature is coming to life. We can consult with you to determine the viability of your design, what it will take to execute your concept, and how a particular choice will affect your budget. Whether it's a delicate interior water wall, a massive multi-tier structure spouting large volumes of water, or a complex interactive water and light show, GPSI is your best choice to design a successful project.

Our engineering team helps you achieve your vision while avoiding unforeseen pitfalls that can derail budgets and deadlines. We do this by consulting with you during the initial stages of the project, developing accurate budgets, then providing complete and accurate construction plans, working in conjunction with the project team.

Saint Arnold Brewery
Houston, Texas



Omni Louisville Hotel
Louisville, Kentucky



Phillips 66 World Headquarters
Houston, Texas



Love Field Spirit of Flight
Dallas, Texas



Photo Credit: Leonid Furmansky

111 Congress Fareground
Austin, Texas



Woodlands Turning Basin
The Woodlands, Texas

AN OPTIMAL BALANCE OF CREATIVITY AND CONSTRUCTABILITY

As engineers who understand aesthetics, we embrace the primal nature of flowing water as a life force – its energy, necessity, and ability to evoke emotion and affect us physically at every level. Our engineers understand the infinite roles of well-designed and executed water features, capturing and creating the vision, feel, sound and ambience of the project.

A well-designed water feature can exhilarate, entertain, mesmerize, and inspire awe and wonder. It can also induce a sense of tranquility in a spot for quiet contemplation, beckoning one to relax. Water features engage all the senses as they help define a space, serve as a destination, or mask the din of life. At GPSI, we have the talents, resources and sensibilities to harness sound and spray, light and pattern, and color and flow to achieve the desired effects.

Sustainable solutions

GPSI is adept at creating interest while using less water and energy. We regularly consult with clients and design systems to tap available resources for recharge of commercial water features or irrigation systems. For example, we can use A/C condensate as a recharge source for water features. Cooling tower or blow-down water, as well as rainwater, also provides a practical recharge source for water features and/or irrigation, reducing operating costs along with the strain on potable water supplies.



ENGINEERING AND DESIGN

It may not be difficult to find designers who can create “pretty water” on paper. What’s exceedingly rare is the seasoned, multidisciplinary team that can master the aesthetics, engineering and coordination to make the magic happen. Working from the original concept for the water feature, GPSI designs everything needed to ensure the water feature functions correctly – the mechanical elements, pumps, hydraulics, electrical systems and more. We address every aspect of the water, from the aesthetics to the mechanics. We then provide realistic budgets guided by nearly four decades of construction experience.

Design Testing: Making sure the concept works

GPSI’s diverse, knowledgeable team yields an added benefit for the cautious client. Your grand vision can be tested on a small scale with the use of our mock-up abilities, for a preview of what the completed water feature will achieve. With our in-house design testing capabilities, you can be confident that GPSI’s designs are creative, cost-effective, constructible and practical to maintain.

Look to GPSI for engineering and design for any of your commercial water projects. With origins in the design of irrigation pump stations and water transfer systems, GPSI is as proficient with these as we are with creating dynamic architectural water features. We enable you to achieve the intent of the concept in a way that works.

McGovern Centennial Gardens
Houston, Texas



ENGINEERING AND DESIGN CONTINUED

Realistic cost estimates

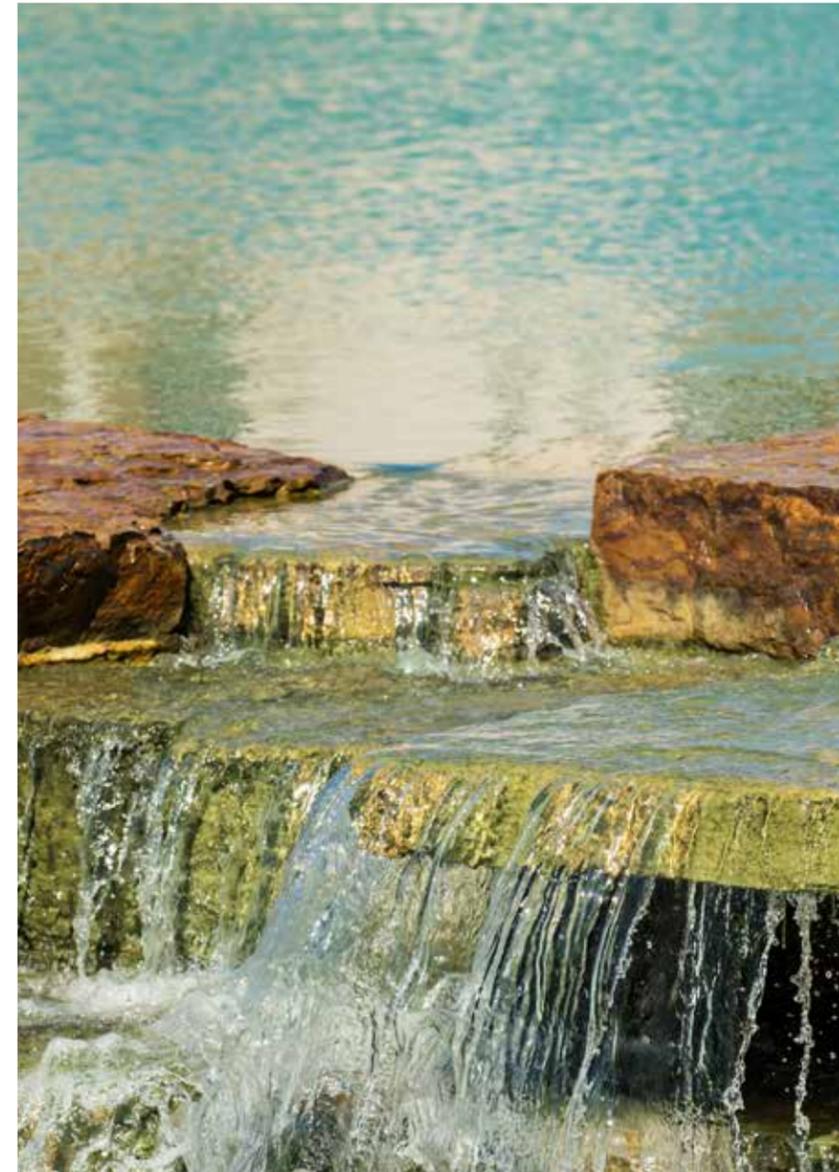
GPSI's construction experience strengthens our ability to provide accurate budgets. Our cost analysis spans probable costs of construction, operation and maintenance. This helps determine whether a design concept can be built within the budget, thereby averting a potential redesign during construction that alters the vision of the water feature. If a particular design is not financially feasible, GPSI will work with the client to develop a concept that fits the budget and achieves the desired vision.

Construction administration services

GPSI offers flexible construction administration services. Our engineers and landscape architects support our clients and general contractors throughout the construction process. Our team inspects components, piping, controls and functionality of the water feature to ensure that the system conforms to the engineering drawings and project specifications.

We can:

- Answer questions from potential bidders.
- Evaluate bids and make recommendations to the client.
- Review and respond to requests for information (RFIs) from the contractor.
- Operate on-site to inspect the work of contractors and make recommendations as necessary.
- Review the completed project and create a punch list of any needed corrections.



Castle Hills Development
Lewisville, TX



SERVICE AND MAINTENANCE SUPPORT

The integrity and lifetime value of every feature we build is important to us. GPSI employs fully-trained, professional service and maintenance teams that are able to keep your water feature beautiful and functional. Our years of extensive experience in service and maintenance of water features gives us valuable insight into how the design and construction of a water feature determines its sustainability over time. We incorporate this knowledge into each of our designs, making recommendations to achieve an environment that is easily maintained and serviceable, so your water feature will continue to add value to your property for many years to come.



Research Forest Lakeside
The Woodlands, Texas





COMMITTED TO PROJECT SUCCESS

At GPSI, our commitment extends beyond our water feature design responsibilities. As consulting engineers, we are invested in making sure that the project is successful and operates as intended. That means working in sync with the rest of the project team to support an overall cohesive design.

Seamless coordination

Collaboration with the project team and across disciplines begins with pre-design communication. GPSI coordinates seamlessly throughout the design process with architects, landscape architects, civil, structural and MEP engineers, manufacturers, and lighting and irrigation consultants. This assures that the infrastructure and critical components are in place so the water feature performs flawlessly.



VIP Entrance at Cowboys Stadium
Arlington, Texas



Broad expertise

GPSI understands that communication is paramount to the success of all projects. Because of our backgrounds in civil and mechanical engineering, landscape architecture, irrigation and fabrication, we ask the right questions of other consultants regarding the water feature. This enables us to anticipate and address key aspects of the project and identify potential gaps.

The best suited, non-proprietary products

GPSI is not a manufacturer of water feature products. Our designs use the products that are best suited to each project, incorporating a variety of components from various reputable manufacturers. However, our designs are not limited to off-the-shelf products and may include custom components to meet the needs of the water feature. Our custom designs provide the details necessary for any unique components to be manufactured and installed by the contractor.





DISCOVER EXCELLENCE, INTEGRITY AND RESPONSIVENESS

Tap GPSI's unique background and resources to bring your conceptual vision to its optimal realization. Rely on proven design capabilities backed by registered engineering services rooted in solid construction experience, as well as years of experience in service, maintenance, and renovation of water features. Benefit from an engineering design partner who is highly responsive, collaborative and dedicated to the success of your project. A smart investment on the front end of a project with water features saves money, time and headaches down the road. See what we can do for you. Contact GPSI today.



Metro Park
Shenandoah, Texas

smart financial centre
at Sugar Land

Smart Financial Centre at Sugar Land
Sugar Land, Texas



Kimbell Art Museum
Fort Worth, Texas



LEADERSHIP



JEFF CHAPMAN, P.E.

Principal

EDUCATION & TRAINING

**Bachelor of Science,
Civil Engineering**

Texas Tech University
Lubbock, Texas

LICENSES, CERTIFICATIONS & AFFILIATIONS

- Licensed Professional Engineer
- Texas #98379
- Oklahoma #27181
- Missouri #2014013293
- Kentucky #31326
- Tennessee #122146
- American Society of Civil Engineers
- Texas Board of Professional Engineers

“It gives me great satisfaction to know that what we do at GPSI will bring a smile to someone’s face, create an indelible memory of joy for a child, or offer someone a sense of peace in the midst of their woes.”

Throughout his career as a civil engineer,

Jeff Chapman has focused on delivering maximum value, quality, utility and visual impact in his engineered projects. He brings more than 17 years of engineering experience to clients of GPSI, including project management, design, analysis and coordination. His proficiency in design spans fountains, hydraulics (open and closed systems), storm drains, sanitary sewers and paving and grading. Jeff is equally adept in analysis of pumps and public water systems; preparation of plans and specifications; and coordination with utilities and construction.

Jeff’s experience and leadership enable GPSI to consistently deliver projects that are hydraulically, mechanically and aesthetically sound – on time and within budget. He works closely with clients, the GPSI team and subconsultants to address all pertinent issues and ensure that clients receive the best return on their investment. He understands the challenges – whether budgetary, site-related, engineering, scheduling or other pressures – and how to make the project work. Jeff’s civil engineering expertise also ensures effective communication with the entire project team for a successful outcome. As principal, Jeff serves as point of contact for the project and manages the GPSI team.

KEY PROJECT EXPERIENCE

Dallas Love Field Airport Dallas, TX.

Provided MEP engineering design of the iconic “Spirit of Flight” fountain located at the entrance to the airport. The fountain was demoed from its previous location and redesigned to provide cleaner, better water effects and lighting while maintaining the original look of the fountain.

Client: Kimley-Horn

Texas Live! at Globe Life Field Arlington, TX.

Provided MEP engineering design of an interactive play deck in front of the new Texas Rangers baseball field. The feature consists of 34 dancing jets arching to the center of the feature, and 48 mist jets outlining the Texas Ranger’s T. This interactive feature provides a fantastic place to cool off during the summer and provides fantastic shows both day and night for the visitors of Texas Live! and the Texas Rangers.

Client: Manhattan Construction and SWA Group

Shops at Clearfork Fort Worth, TX.

Provided MEP engineering design of another interactive water feature within the Shops at Clearfork. The project included 24 leaping nozzles with lights creating a fantastic play area for children and adults alike.

Client: The Beck Group and Studio Outside

Phillips 66 Corporate Headquarters Houston, TX.

MEP engineering design services for four water features on campus, which vary from large water walls to courtyard and entry features.

Client: HOK

Carpenter Park Dallas, TX.

Provided MEP engineering design of a large interactive water feature and a small kids play area. The large interactive feature includes over 120 nozzles and lights, creating a very unique play area for the downtown residents.

Client: Hargreaves Associates

Energy Center III, IV, V Houston, TX.

Provided MEP engineering for nine different water features at the three different building sites. These features included standard basins with nozzles and lights, water tables, pond features, and more.

Client: Balfour Beatty Construction and TBG Partners

Woodlands Turning Basin The Woodlands, TX.

Provided MEP engineering design for three cascade effects along the water way. Each basin is 25-feet wide and 20-feet long. The basins are lined with a series of colored lights down each side of each cascade, creating a dramatic lighting show like no other cascade out there.

Client: The Woodlands Development



BARRY CAYLOR
Executive Vice President

EDUCATION & TRAINING

Studies in Environmental Science
Anderson University
Anderson, Indiana

LICENSES, CERTIFICATIONS & AFFILIATIONS

- American Society of Landscape Architects
- Design Build Institute
- American Subcontractors Association
- American General Contractors Association
- American Rainwater Catchment Systems Association

“I take great pride in knowing that our creativity, teamwork and passion for what we do helps create environments people will enjoy for many years to come.”

With 30-plus years of experience in the design, engineering and construction of commercial water features, irrigation pumping systems, water transfer pumping systems and lake/pond management systems, Barry Caylor applies a wealth of knowledge to GPSI client projects. Prior to joining GPSI in 1990, he worked in the irrigation industry for over 10 years, adding a unique dimension to his contributions. Barry has earned the trust and respect of developers, architects, landscape architects, engineers and general contractors facilitating the successful development of innumerable landmark projects. He maintains communication with clients so they know what to expect. He developed GPSI’s methodical process for managing projects from the earliest stages through design and construction, and he remains engaged through startup and calibration. In addition, by consulting on projects in the discovery phase, Barry guides clients to ensure their projects are constructible and affordable. He will serve as one of the lead consultants for the project.

KEY PROJECT EXPERIENCE

Klyde Warren Park
Dallas, TX.

Assessed logistics and constructability of four water features inside Klyde Warren Park. All pumps, controls, and treatment systems are located in large precast concrete vaults. Klyde Warren Park was the first of its kind in Texas, a 5.2 acre deck park bridging Woodall Rogers Expressway. It links Downtown Dallas to Uptown, creating a greenspace offering numerous opportunities for play, entertainment, and relaxation. Three features are interactive, allowing the public to participate with the water elements, including a dedicated children’s water play area consisting of spray and fog effects. The Dog Park feature is dedicated to Man’s Best Friend. The Park has been a destination for all of Dallas to enjoy since its opening in 2012.
Client: Burnet, McCarthy Building Companies

Dallas Galleria
Dallas, TX.

Served as a design assistant and provided project oversight through construction. One of the most visited shopping centers in DFW, it offers upscale retail, restaurants, and entertainment. The water feature, located at the main entrance, boasts a series of programmed smooth bore jets that are vehicle activated. All pumps and control systems are located in a lower level parking garage equipment room.
Client: Omniplan, Hargreaves Associates and VCC Construction

Winspear Opera House
Dallas, TX.

Assisted in the engineering design layout of MEP systems and consulted during construction of the 40’ x 90’ water skin near the main entry. Patrons enjoy the skin as a large interactive deck and its reflections of the downtown Dallas skyline.
Client: JJR Construction and Linbeck Construction

Enterprise Plaza
Houston, TX.

Served as a project consultant during the design and construction of an on-structure elevated programmed spray deck with 20 deck-level jets and two raised, elliptical-shaped basin structures. The elevated basins flow water 360-degrees.
Client: The Office of James Burnet, Gensler, and Turner Construction

Hunt Corporate Headquarters Dallas, TX.

As a project consultant, Barry worked closely with the landscape architect on the initial concept design and layout of MEP systems for two large exterior features and one interior feature. Also provided construction oversight/quality control with the GPSI construction team.
Client: TBG Partners, The Beck Group, and Austin Commercial

AT&T (Dallas Cowboys) Stadium
Arlington, TX.

Served as a project consultant during the design and construction phases of the exterior and interior water features. The Southwest VIP Entrance feature is a linear, elegant block of granite 28’ long, 42” tall and 48” wide with water shimmering down all four sides. The East End-Zone Plaza feature is a long, linear two-level basin structure that includes a 78’ long water wall at the east end. The interior Ford Fountain is a programmed vertical nozzle display with spray heights varying from 2’ to 15’.
Client: Blue Star Development and Manhattan Construction



MICHAEL WEBB

Director of Engineering, EIT

EDUCATION & TRAINING

Bachelor of Science,
Mechanical Engineering Technology

Texas A&M University
College Station, Texas

LICENSES, CERTIFICATIONS & AFFILIATIONS

- American Society of Mechanical Engineers
- American Society of Plumbing Engineers

“Water Features are aesthetic engineering. Engineers should always design for longevity and maintainability without losing the aesthetic design intent. The results of this effort should create a constructible set of documents and a water feature that meets the client’s budget.”

Michael Webb has been in the water-shaping business for 23 years.

He draws upon an interdisciplinary background that includes mechanical, hydraulic, electrical and process-control design. Michael has been involved in the engineering, design and fabrication of hundreds of fountains nationwide for private clients and public agencies. High-profile projects include interactive water features at Disney resorts and design/build services spanning myriad fountains, environments and effects. As Director of Engineering, Michael serves as the engineering manager and lead designer for GPSI projects. He also coordinates with the entire project team and across the associated disciplines to ensure a cohesive design that performs as promised.

GPSI clients benefit from his deep and diverse expertise, whether their project entails engineering design of complex show fountains or renovation of existing architectural features. With years of experience in project planning, design, estimating and scheduling, as well as startup and maintenance of mechanical and electrical systems, Michael adeptly manages the design process to optimally attain each fountain’s creative vision.

KEY PROJECT EXPERIENCE

McGovern Centennial Gardens

Houston, TX.

This unique redefinition of an existing area in the heart of Houston’s historic park allowed Michael to create a major cascade feature that grew in width as it descended a new manmade garden mound. A shallow deck level entry feature changed the way debris management and water quality is done in large scale water features. Custom components created significant improvements in maintainability while improving the aesthetics of the feature.

Client: White Oak Studio and Hoerschaudt

Phillips 66 Corporate Headquarters

Houston, TX.

Served as the lead designer for five water features on campus. The features vary from large water walls to courtyard expressions and entry features.

Client: HOK

Energy Center III, IV, V

Houston, TX.

Project design engineer of seven water features on the Energy Center corporate campus. Four water features were treated systems offering a variety of water effects including nozzles with programmed lighting, waterfalls, and water tables. Three features used water from the retention/detention ponds adding stone scuppers and a 60’ wide stepped cascade powered with large submersible pumps.

Client: Trammel Crow Company & Balfour Beatty Construction

Kimbell Art Museum

Fort Worth, TX.

Lead engineering designer on renovation of the original fountain feature built in 1972. It consists of two large two-tiered basins with 150’ long weir effects that cascade a beautiful sheet flow of water from the upper to the lower basins.

Client: Kimball Art Museum

Southwest Energy Headquarters

Houston, TX.

Lead consultant providing MEP engineering design services for two large exterior water walls on this corporate campus. Each water wall measures 54’ long x 14’ tall.

Client: Clark Condon Associates

Hermann Square Fountain

Houston, TX.

Led engineering design services for renovation of historic downtown fountain located directly in front of Houston City Hall. Its large reflection pool, highlighting the Houston skyline day and night, is enjoyed by the public year-round.

Client: White Oak Studio

Sugar Land Performing Arts Plaza

Sugar Land, TX.

Provided concept and engineering design services for a large interactive and show feature with 137 sequenced nozzles with RGB LED lighting.

Client: City of Sugar Land and Clark Condon Associates



SCOTT STRASNER

Project Manager

EDUCATION & TRAINING

**Bachelor of Science,
Mechanical Engineering**

California State University
Fullerton, California

LICENSES, CERTIFICATIONS & AFFILIATIONS

• American Society of
Mechanical Engineers

“A successfully executed project is well-coordinated, delivered on time, includes creative elements, and surpasses client expectations to deliver exceptional satisfaction for the desired audience.”

Scott Strasner has been in the process, design, and applications business for over six years.

His diverse background brings an innovative and creative dynamic to the team. Prior to GPSI, Scott worked in the Oil & Gas industry with process and design experience, followed by industrial design and applications.

As the project manager for design, Scott’s involvement is present from initial concept stages, through final design and construction. He maintains communication with the design team, various disciplines, consultants, and clients to ensure coordination and efficiency are present throughout the project. His proficiency is in design, hydraulics, process engineering, and design plan deliverables.

Scott’s diverse experience and expanding leadership compliments the GPSI team to deliver projects that are creative, innovative, and hydraulically efficient. Whether the project is a single pump system, large interactive, or renovation of an existing system, Scott delivers the highest quality design for our clients.

KEY PROJECT EXPERIENCE

Circle T Barn

Westlake, TX.

Provided MEP engineering design & construction of various features located at the Circle T Barn event property. The design included various wood carved water tables ranging from 15ft to 30ft in length, in addition to steel reflecting basins and channeled water tables positioned throughout the property.

Client: SWA Group and The Nan Faith Arnold Co.

Dallas Love Field Airport

Dallas, TX.

Provided MEP engineering design and construction of a water feature at Dallas Love Field Airport, a complex system with 24 vertical nozzles surrounding the Spirit of Flight statue, along with 24 vertical and arching nozzles adjacent to 100ft+ of weir display.

Client: Kimley-Horn and Associates, and Corgan Architects

Primatara

Springfield, MO.

Provided MEP engineering design and construction various water features and pools. The water features included a stream system, multiple runnels, and a sculpture incorporated feature. The two pools included an indoor lap pool with a perimeter overflow system, in addition to a spa/pool with multiple levels, shelves, nozzle displays, and LED lighting.

Client: Harold Leidner Landscape Architects

Woodlands Turning Basin

The Woodlands, TX.

Provided MEP engineering design-build of a three basin water feature. The basins are stone cascade waterfalls located on the embankment separating two portions of a large community waterway. Custom linear LED lights created a new aspect to show lighting, well known throughout The Woodlands area.

Client: The Woodlands

Centene Corporate Campus

Clayton, MO.

Provided MEP engineering design for a water feature outside the Centene Corporate building: a 25-foot long waterwall with variable flows and LED show lighting. GPSI also managed the construction aspect.

Client: HOK

Dominion Energy Workplace

Richmond, VA.

Provided MEP engineering design for two stone covered raised basin features in the entry of Dominion Energy Corporate building. The basins are two water tables, mirror images of each other, with perimeter weir outfalls to a uniquely lit trough below.

Client: Kendall-Heaton Associates

Omni Hotel Pool

Louisville, KY.

Provided MEP engineering design of two pools and a spa located on multiple levels of the Omni hotel. This was a unique design with several levels of coordination between disciplines from various locations across the country.

Client: SWA Group and HKS Architects



TRAVIS RIGGS

Project Designer, EIT

EDUCATION & TRAINING

Bachelor of Science,
Architectural Engineering

University of Texas
Austin, Texas

LICENSES, CERTIFICATIONS & AFFILIATIONS

· Engineer in Training
Texas EIT No. 53789

“Water is life. Whether at a beach, a lake, or a water feature, water can calm and sooth in ways that only Mother Nature could. At GPSI, I have the opportunity to enhance the serenity of water in ways and places where it otherwise might not exist.”

Travis Riggs is our newest member of the engineering team at GPSI.

He has over two years of experience as a water feature designer with GPSI. Travis also has six years of prior experience as an estimator and preconstruction manager for a masonry contractor. There, he performed the estimating, planning and purchasing of several award-winning projects, including the New Parkland Hospital, George W. Bush Presidential Library, Toyota North American HQ, Bank of America Tower Plaza Renovation, Chevron Midland Campus, Rolex Building and Lewisville Wayne Ferguson Plaza.

With an educational background in civil and architectural engineering, Travis is utilizing his engineering knowledge as a designer with GPSI, performing hydraulic, electrical, and structural calculations for various projects. He will take the PE Exam in 2020 in his pursuit of becoming a licensed professional engineer.

GPSI is both a design and construction company, so providing good construction drawings that can be utilized in the field is paramount to GPSI’s success as a team. Travis works closely with the CAD team and construction department to provide accurate and understandable drawings that are buildable and in budget.

KEY PROJECT EXPERIENCE

Texas Live! at Globe Life Field Arlington, TX.

Provided design and construction for a new circular interactive water feature in front of the new Texas Rangers baseball stadium. The water effects of this feature include 34 dancing jets arching to the center of the feature and 48 mist nozzles outlining the inside of the Texas Rangers logo. All of the water effects are controlled by a show program synced with music. This feature is built on a slope, so careful consideration was given to the drainage of the feature to ensure no water escaped the outer perimeter. Civil 3D was used to precisely locate northings, eastings, and elevations for hundreds of points along the water feature surface. GPSI also oversaw the coordination of granite fabrication to ensure a seamless installation with the nozzles, lights, and trench drains. **Client:** Manhattan Construction and SWA Group

Kidzania Frisco, TX.

Provided design and construction services for two water features at the first installation of Kidzania in the United States. Kidzania is an indoor children’s themed activity center that allows kids to pretend they have various adult jobs like banker, doctor, or firefighter. The “Factory in Flames” feature provides children the opportunity to fight artificial fires by shooting a water cannon at a set of broken building windows that appear to be on fire. The water is collected behind the windows, and once the collection chamber is full, a level sensor triggers a set of fog nozzles to give the appearance of smoke. With more Kidzania installations scheduled to take place, GPSI is honored to kick off the Kidzania franchise in the United States. **Client:** Turner Construction and Kidzania US

Grand Hyatt Nashville, TN.

Provided full construction drawings for a sloped, warping water wall at the main hotel entrance. Because the width of the wall at the top and bottom remain constant, but the height of the wall changes, so does the slope of the face of the wall. The equipment room and reservoir are located in the parking garage basement several floors below the water feature, so careful consideration was given to the pipe routing to maintain vehicle clearance requirements. In addition, the pumps are variable speed and may adjust the weir flow on the wall significantly, so GPSI had to adequately oversize the drain pipes to allow for drainage in a maximum flow scenario.

Client: HKS Architects



PARTIAL LIST OF CLIENTS

Aan Coleman & Associates
Austin Commercial, Inc.
Balfour Beatty Construction
The Beck Group
Bennett Benner Partners
Blue Star Development
BOKA Powell Architects
Booher/McGee & Associates, Inc.
Callison/RTKL
Clark Condon Associates
Cousins Properties
Covey Landscape Architects
Crescent Properties
Crossland Construction
David C. Baldwin and Associates
David Schwartz Architects
DE Harvey Builders
Design Workshop
Duke Realty
Dunaway Associates
EDI Architecture
EMJ Construction
Environs Group
The Fain Group
Freese and Nichols, Inc.
General Growth Properties
Gensler
Good, Fulton and Farrell, Inc.
Gould Evans Architecture
Gromatzky Dupree Associates
GSBS Architects
HKS Architects
HNTB
HOK
Halff Associates, Inc.
Hargreaves Associates, Inc.

Harold Leidner Company
Harwood International
Hermes Architects
Hillwood Development Company
Hines
Hitchcock Design
Hoerr Schaudt
Howard Fairbairn Site Design
Hunt Construction Group
Huitt-Zollars, Inc.
J.P. Morgan Chase
Jacobs Engineering Group, Inc.
James Corner Field Operations
James E. Langford Architects
Jones, Lang, LaSalle
Kendall Heaton Associates
Kimley Horn Associates
KPA Engineering
Lake Flato
Lauren Griffith Landscape Architecture
Linbeck
MVVA
MG Herring Group
Manhattan Construction
McCarthy Building Companies
MESA Design Group
Morris Architects
The Nan Faith Arnold Co.
Neuman Pools, Inc.
The Nomad Studio
Nudge Design
The Office of James Burnett
Omiplan
Planning Design Group
Perkins + Will
Peter Walker Partners

Populus Group
Pritchard Associates
J. Robert Anderson Landscape Architects
Rogers O'Brien Construction
RVi Planning
Sam Moon Group
Schrickel Rollins/Parkhill Smith & Cooper
Simon Property Group
Smith Group
SMR Landscape Architects
Soho House + Co.
Stantec
Studio DWG
Studio Outside
SWA Group
Talley and Associates
TBG Partners
Teague, Nall & Perkins
Tellepsen Builders
Ten Eyck Landscape Architects, Inc.
Trammell Crow Company
Turner Construction
Urban Retail Properties, LLC
Vaughn Construction
White Oak Studio
Whiting-Turner
Woodbine Development Corporation
The Woodlands Development Corporation
Walter P. Moore
West 8
WHR Architects
Zachry Construction Company



GPSI

MOVING WATER WITH A PURPOSE

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