

2025.26

BROCHURE

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DesignTeq

**RETAIL &
MIXED-USE**

M.E.P.F.P
ENGINEERING
DESIGN
SERVICE

We are Engineers and
we provide solutions.



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About Us

As engineers, we've come to realize that the most impactful creations, the ones that truly shape the future, don't just come from individual brilliance alone but from finding the right partner. Someone who has not just complementary skills but also embraces a shared vision, is a bedrock of unwavering integrity, and has the courage to pursue audacious dreams. That is who we are, and that is what we do. This understanding is the very foundation of our company.

Our professional identity is built on the belief that engineering is not just about solving problems but is also about fostering reliance. We want our clients to trust in our solutions & processes and we cultivate that trust through open communication by keeping them informed every step of the way, fostering a collaborative environment, and ensuring transparency.

We are passionate about bringing your aspirations to life. For us, engineering is the art of transforming abstract concepts into tangible realities. When you partner with us, you're not just hiring engineers but you're also gaining dedicated partners who are committed to understanding your needs, embracing your vision, and working tirelessly to make your dreams a reality.

Introduction

We at DesignTeq understand the complex challenges that the retail and mixed-use sector represents through its needs for a highly flexible, aesthetically adaptable, and relentlessly energy-efficient infrastructure. By balancing technical requirements with high design standards, we can ensure optimized, reliable, and energy-conscious infrastructure and spaces that serves diverse and changing needs simultaneously.

At DesignTeq, we don't just provide solutions. We are also your partner in creating a cohesive, attractive, and profitable spaces where diverse functions can coexist effectively, harmoniously, and simultaneously.



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Objective

We strive to design versatile and efficient MEP.FP design solutions for retail and mixed-use developments, putting emphasis and priority on design functionality and code compliance as an approach to achieving our goal to be one of the leading MEP.FP partner for complex urban projects.

Sector Specialization

We specializes in designing integrated and functional MEP.FP design solutions for mixed-use and retail developments.

Differentiators

- Expertise in mixed-use coordination.
- Focus on tenant needs.
- Understanding of retail functionality.
- Efficient space utilization.
- Navigating complex urban regulations.



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MEP.FP Engineering Design Services

We provide code-compliant general design services for standard building projects as well as specialized and innovative MEP.FP engineering solutions that is tailored for complex structural and design environments.

Mechanical Engineering

GENERAL DESIGN SERVICES

Heating and Cooling System Design, Ventilation System Design, Air Distribution System Design, Energy-Efficient HVAC Design and more.

SPECIALIZED DESIGN SERVICES

Sustainable Design (LEED), Energy Recovery System, and more.



Electrical Engineering

GENERAL DESIGN SERVICES

Lighting and Control System Design, Power Distribution, Emergency System, and more.

SPECIALIZED DESIGN SERVICES

Tenant Electrical Coordination, Mixed-Use Power Needs, Tenant Sub-Metering Design, and more.



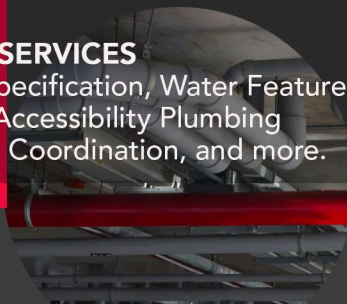
Plumbing Engineering

GENERAL DESIGN SERVICES

Domestic Water System, Sanitary Waste System, Storm Drainage, High-Efficiency Fixtures, Backflow Prevention, Vent System, Hot Water Equipment Design, and more.

SPECIALIZED DESIGN SERVICES

High-Efficiency Fixture Specification, Water Feature Plumbing, Mixed-Use & Accessibility Plumbing Design, Tenant Plumbing Coordination, and more.



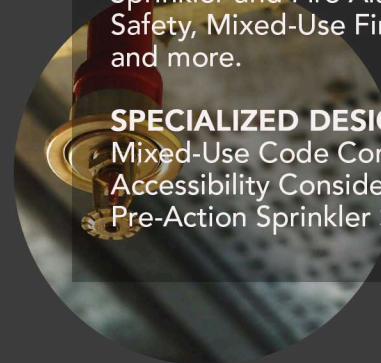
Fire Protection

GENERAL DESIGN SERVICES

Sprinkler and Fire Alarm System, High-Rise Fire Safety, Mixed-Use Fire Strategy Standpipe System, and more.

SPECIALIZED DESIGN SERVICES

Mixed-Use Code Compliance, Retail Fire Strategies, Accessibility Considerations, Dry Pipe and Pre-Action Sprinkler System, and more.



The Elmwood Collection



The Elmwood Collection comprises of seven industrial-theme designed luxurious townhomes with each townhome having over 2,700 SF of living space, three bedrooms, and three and a half baths.

This ground-up 50,000 SF building was designed to highlight the bustling space of downtown Skokie, Illinois.

PROJECT SPECIFICATION

LOCATION: Chicago, Illinois

SERVICE PROVIDED: MEP.FP

AREA: 50, 000 SF

YEAR: 2019



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Wilson Apartments (Single Residential Occupancy)



Chicago Sports and Novelty

“

Their team demonstrates a deep technical expertise and a commitment to delivering on their promises. They consistently deliver innovative and efficient MEP solutions that align with our vision and budget.

”

RAFFI ARZOUMANIAN, AIA, LEED AP, NCARB

PRINCIPAL
a+c architects

We are DesignTeq and we help build dreams!



Eduardo Sanchez, P.E.
Founding Principal

Eduardo employs a hands-on approach involvement to every project from conception through completion.

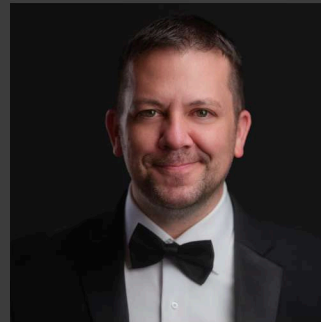
Eduardo is a building code and safety protocol specialist who has an extensive experience in the education, commercial, retail, healthcare, industrial, and residential sector.



Neil Mantala, P.E.
Founding Principal

Neil advances engineering excellence in every project they handle through his seamless integration of MEP design as a whole.

Neil specializes in mechanical and plumbing engineering system related to healthcare, commercial, educational, religious, hospitality, retail, and residential sector.



Chris Richter
Chief Strategy Officer

Chris joined DesignTeq bringing with him his 20 years+ of industry experience. His understanding of the industry ecology led him to develop various innovative ways in navigating work-based dynamics to guarantee a successful project.

Chris specializes in Education, Healthcare, Life Science and Pharmaceutical related projects.



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AFFILIATIONS

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers)

ASPE (American Society of Plumbing Engineers)

NFPA (National Fire Protection Association)

ComEd EESP (Energy Efficiency Service Provider)

MBE (Minority Business Enterprise, Chicago)



DesignTeq

**Get in touch for a more expansive list of
our retail and mixed-use experience, or to discuss
a project partnership.**

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