

2025.26

BROCHURE

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**HOSPITALITY &
RESTAURANT**



DesignTeq

MEP.FP
ENGINEERING
DESIGN
SERVICE

We are Engineers and we provide solutions.



HOSPITALITY & RESTAURANT

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 have established our presence in the Hospitality and Restaurant Sector in 2024 with The Matrix project, a premier events facility offering state of the art technology and a luxurious environment for various events such as weddings, corporate gatherings, and concerts. We've partnered with a+c architects to provide MEP solutions and gained recognition for our ability to integrate innovative MEP solutions to create a comfortable, safe, and efficient environment.



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Objective

We aim to provide tailored and innovative MEP.FP 'guest-centric' solutions emphasizing comfort and safety as our primary selling point to achieve our goal of being the preferred MEP.FP provider for high-end hospitality establishments.

Sector Specialization

We specialize in designing MEP.FP solutions that enhance guest experience yet focusing on safety and operational efficiency in hospitality and restaurant settings.

Differentiators

- Focus on guest comfort and experience.
- Expertise in kitchen design.
- Understanding of operational efficiency.
- Attention to aesthetic integration.
- Seamless systems integration.



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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

Kitchen Ventilation, HVAC for Dining Areas, Noise and Vibration Control, Plumbing for High-Demand, Refrigeration System, and more.

SPECIALIZED DESIGN SERVICES

Commercial Kitchen Ventilation, Specialty Gas System, Refrigeration System, Energy Recovery System, and more.



Plumbing Engineering

GENERAL DESIGN SERVICES

Domestic Water and Sanitary Waste Systems, Grease Interceptors, Commercial Kitchen Plumbing, Bar Plumbing, and more.

SPECIALIZED DESIGN SERVICES

Specialty Beverage System, High-Demand Hot Water, Grease Management, Code-Compliant Kitchen Plumbing, Water Filtration, and more.



Electrical Engineering

GENERAL DESIGN SERVICES

Lighting Design, Power Distribution, Emergency Lighting, Specialty Lighting (e.g., ambiance), Audio / Visual System, and more.

SPECIALIZED DESIGN SERVICES

Theatrical Lighting, Specialty Lighting Controls, Power for Commercial Kitchens, Backup Power for Events, Integrated AV systems, and more.



Fire Protection & Alarm System

GENERAL DESIGN SERVICES

Kitchen Fire Suppression System, Means of Egress, Occupancy Load Calculation, Sprinkler and Alarm System, and more.

SPECIALIZED DESIGN SERVICES

Kitchen Fire Suppression System, Special Event Fire Safety, Crowd Management, Flammable Liquid Storage, High-Occupancy Fire Plans, and more.



The Matrix Club



The Matrix Club is an international hub designed and created to bring different cultures from around the world to highlight their unique music, art, literature, and fine cuisine. The club features a Michelin star chef to guarantee guests of an exquisite dining experience to cuisines of various cultures.

When completed, the Club will feature two bars, a 1,200 seat banquet hall, a 210 seat theater, a 200 seat restaurant, pre-function areas, two commercial kitchens (6,000 SF total), and administrative offices.

PROJECT SPECIFICATION

PARTNER: a+c architects

SERVICE PROVIDED: MEP.FP

AREA: 75, 000 SF

YEAR: 2024

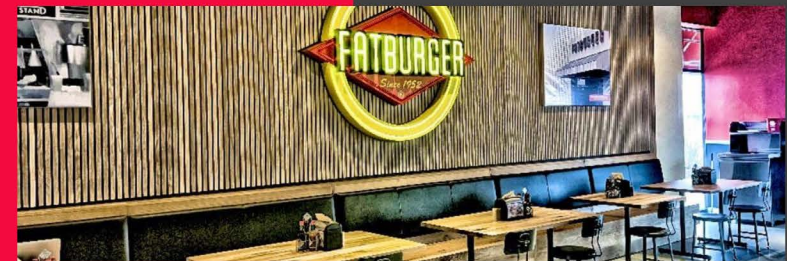


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Starbucks, One O'Hare, 2022



Fatburger, 2022



Wildberry Restaurant, (Under Construction, 2025)

“

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

TESTIMONIAL

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

AIA (*American Institute of Architects*)

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

NFPA (*National Fire Protection Association*)

USGBC (*US Green Building Council*)

HBA (*Hospitality and Business Alliance*)



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**We are more than happy to take on your project.
Get in touch and let's build dreams together!**

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