

# 2025.26

BROCHURE

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## INDUSTRIAL



DesignTeq

# MEP.FP ENGINEERING DESIGN SERVICE

# We are Engineers and we provide solutions.



# INDUSTRIAL

## 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

Our involvement in the Industrial Sector started with the NOW Foods project in 2022. This project was in partnership with K2N Crest where we provided tailored MEP.FP solutions for NOW Foods' state of the art manufacturing plant located in Bloomingdale, Illinois. We have then established a strong track record for designing robust and specialized MEP.FP solutions for demanding and complex industrial applications.



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## Objective

Our aim is to deliver reliable, tailored, and specialized MEP.FP system solutions for industrial facilities, focusing particularly on safety and efficiency, with a goal of becoming a trusted partner for MEP.FP services for complex industrial projects across the country.

## Sector Specialization

We specialize in delivering robust, tailored, innovative, and code-compliant MEP.FP systems for complex and demanding industrial applications.

## Differentiators

- Expertise in process integration.
- Focus on safety and reliability.
- Understanding of industrial workflows.
- Commitment to code compliance.
- Advanced automation capabilities.



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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

Process Piping, HVAC for Large Spaces, Industrial Ventilation, Dust Collection System, Compressed Air System, and more.

### SPECIALIZED DESIGN SERVICES

Process Cooling, Clean Room Design, Hazardous Material Ventilation, Specialized Piping System, Industrial Automation Integration, and more.



## Electrical Engineering

### GENERAL DESIGN SERVICES

Power Distribution, Industrial Lighting, Motor Controls, Automation Wiring, Grounding System, and more.

### SPECIALIZED DESIGN SERVICES

Hazardous Location Electrical, Process Automation, High Voltage Systems, Power Quality Analysis, Redundant Power System, and more.



## Plumbing Engineering

### GENERAL DESIGN SERVICES

Process Piping, Industrial Waste Treatment, Sanitary Waste System, Compressed Air System, Potable Water System, and more.

### SPECIALIZED DESIGN SERVICES

Chemical Piping, Industrial Water Treatment, Process-Specific Plumbing, High-Pressure System, and more.



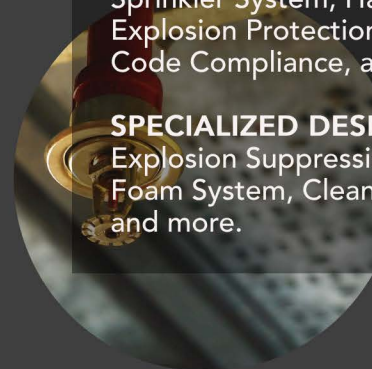
## Fire Protection & Alarm System

### GENERAL DESIGN SERVICES

Sprinkler System, Hazardous Material Protection, Explosion Protection, Foam Suppression, Industrial Code Compliance, and more.

### SPECIALIZED DESIGN SERVICES

Explosion Suppression, Hazardous Material Storage, Foam System, Clean Agent System, Risk Analysis, and more.





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NOW Foods, founded in 1968, is a family-owned company that is dedicated to producing high quality natural products at affordable prices. The new 90,000 SF manufacturing facility is situated beside their flagship manufacturing plant in Bloomingdale, Illinois, and is geared to significantly boost their production capacity by utilizing state of the art technology to highlight their commitment to sustainable practices and their dedication to environmental responsibility.

## PROJECT SPECIFICATION

PARTNER: K2N Crest  
SERVICE PROVIDED: MEP.FP  
AREA: 90, 000 SF  
YEAR: 2022



CSL Data Center, 2021



Lakeside Boat Storage, 2022

“

*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.*

”

## TESTIMONIAL

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.



# INDUSTRIAL

## AFFILIATIONS

**AIA** (*American Institute of Architects*)

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

**NFPA** (*National Fire Protection Association*)

**SFPE** (*Society of Fire Protection Engineers*)

**ISA** (*International Society of Automation*)



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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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