



## Integrated Design/Build Services

Facilities built the way you want, when  
you want, on the budget you want

By fully integrating design and build into the overall construction process, we provide facilities custom-made to help satisfy your most demanding business objectives—and we do it fast with greater cost control.

*What can we do for you?*





# Design and construction in a single process

**At EMCOR Services Scalise Industries, our complete in-house design/build services are fully integrated into our single-source mechanical capabilities. When you work with us, you get a single estimate, a single contract, a single point of contact from one end of your project's life cycle to the other. The result is a combination of teamwork, convenience, and efficiency that offers significant benefits.**

## **A budget-wise design without quality compromises**

The design/build engineers are members of our construction team and have years of consulting and construction expertise. Our engineers are involved with your project from the start, working with you on the initial project design and ensuring that we deliver the project you want within your budget without quality compromises.

## **Convenient “one-stop” contract development with reliably accurate estimating**

Scalise's single design/build estimate covers all of our services on your project. As skilled contractors, we've installed tons of equipment with miles of duct, pipe and other materials. Our experience in the market has made us experts on local materials, labor, and other costs. That means our estimates are complete and accurate.

At the same time, our engineers ensure optimal system selection, energy analyses, and lifecycle costing, so you can count on your systems and equipment to help maximize reliability, performance and value. Our engineering assistance means that when you present your purchase decisions to colleagues and corporate officers, you can base them on a sound, objective business case. By combining our industry-leading expertise with advanced functional technology, our design/build services ensure seamless, cost-effective delivery of today's highest quality projects.

## **Professional drawings that ease approvals and guides construction**

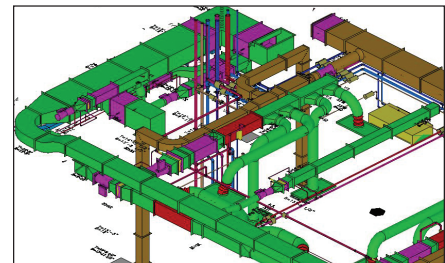
Once a contract has been initiated, we coordinate with the architect and other members of the design and construction team to develop all drawings and prepare the approval package. Since design development at Scalise is a collaborative process between the engineers and the construction team, potential collisions and other issues can be identified – and resolved – before construction begins. This significantly reduces change orders and RFI's, saving you both time and money. In addition, these drawings give you a clear picture of our design intent, facilitate construction permitting, minimize field misunderstandings and aid in system maintenance and future modifications.

## **3D CAD/BIM**

Scalise's design/build approach includes 3D computer-assisted design (CAD) and building information modeling (BIM). This modeling expertise greatly increases the efficiency, flexibility, and accuracy of the projects.

## **Full lifecycle project assistance, faster project delivery**

Once project approval has been granted, our engineers work with the construction team to clarify details and ensure that your project meets your design, schedule, and budget specifications. And since they've been involved in the project discussions from the start, our engineers can identify long lead-time equipment to order, making it available when scheduled for installation. When combined with our streamlined “in-house” submittal process, this ability to order early can substantially shorten project delivery times.





## An integrated process means fast-track delivery

Scalise's design/build engineers teamed with the company's mechanical, plumbing, electrical, and fire protection professionals to complete this five-story, 180,000- square-foot facility in 12 months. Since design/build and construction were all part of a single process, continuous communication among all participants was faster, easier, and more efficient. Furthermore, since the engineers could identify long lead-time equipment early, they could order it well in advance, further expediting project completion.

## St. Barnabas Retirement Community

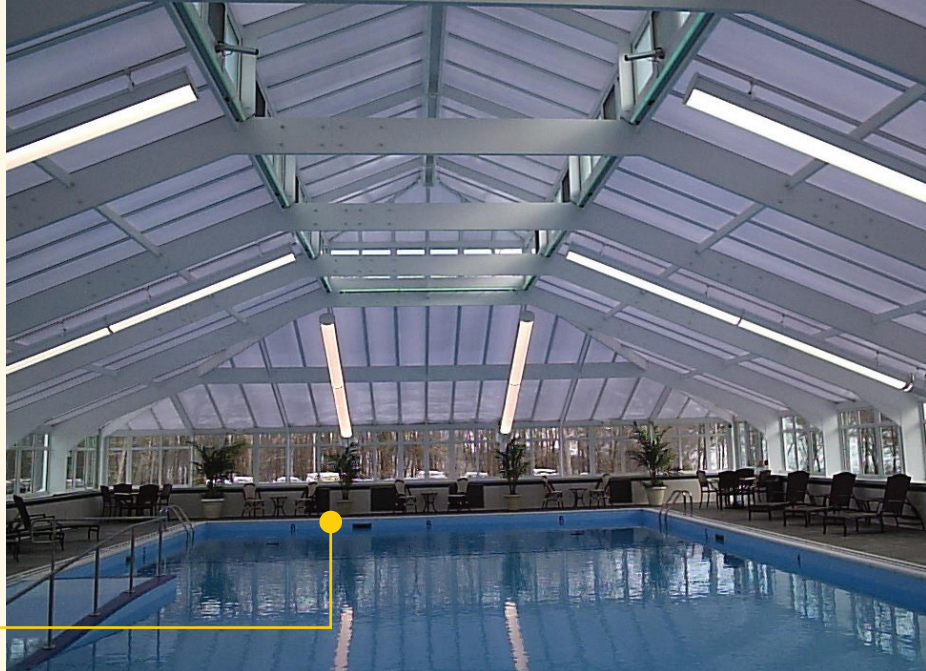
When design engineers and the rest of the construction team carefully coordinate their efforts throughout a project, features can be custom-tailored to meet a client's unique energy, customer care, and other requirements.

## University of Pittsburgh Living Learning Center

When valued customers are faced with an immediate need, our team of design professionals can move quickly from initial concept to production. Our experienced team provides a turn key service to meet the mechanical design challenges in complex campus facilities.

## A collaborative approach satisfies seemingly conflicting objectives

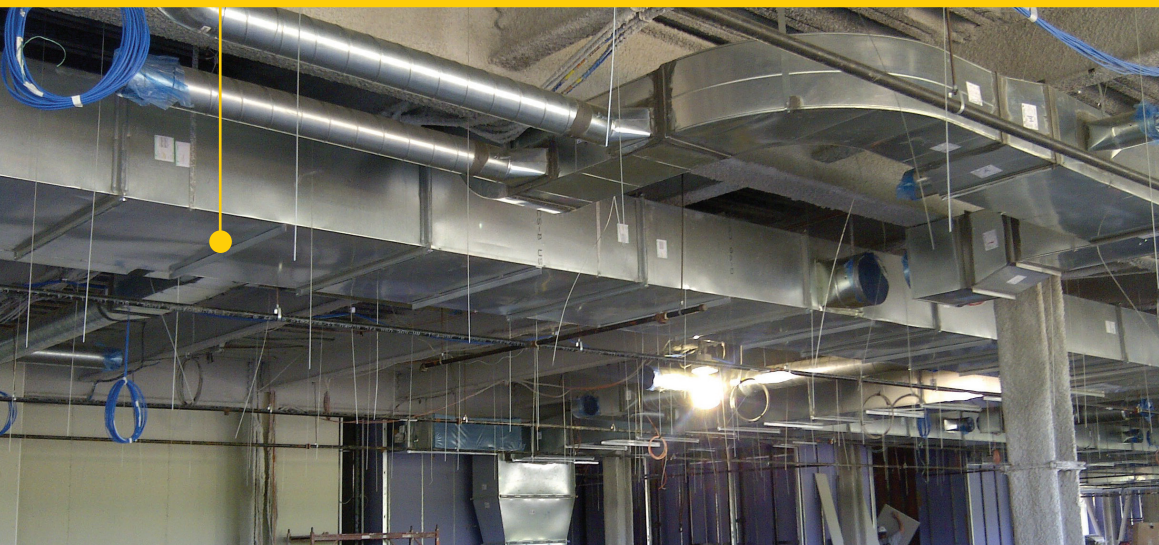
How do you create an open, industrial environment that is quiet enough to ensure a productive office? Working collaboratively, Scalise's engineers, fabrication shop, and construction professionals met this challenge by combining the desired industrial look with low-noise HVAC components.





### ● LEEDers in energy efficiency

Scalise's engineers understand the LEED process and are trained to comply with LEED prerequisites and credits. Our single-source design/build and construction team custom designed and installed this project's energy-efficient heating and cooling systems. The systems are engineered to work with the facility's highly insulated thermal skin and roof to meet LEED standards.



## ***What can we do for you?***

By fully integrating our in-house design/build capabilities with our mechanical, electrical, plumbing, and fire protection services, we can help you design and build facilities that respond effectively to your specific business requirements. And we can help build those facilities faster and more cost effectively than ever before. Contact us today to find out more about what Scalise can do for you.

**Call: 724.746.5400**

**Visit: [www.scaliseindustries.com](http://www.scaliseindustries.com)**

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## **OUR SERVICES:**

### **Construction Services**

- Mechanical/HVAC
- Plumbing
- Electrical
- Fire Protection
- Building Automation/Engineering
- Design/Build-Plan
- Commissioning
- Fabrication

### **Service and Maintenance**

- Mechanical/HVAC
- Plumbing
- Electrical
- Fire Protection
- Building Automation/Engineering
- Design/Build-Plan
- SpecEnergy Technologies
- Energy Conservation Measures
- LEED

## **OUR MARKETS:**

- Office buildings
- Hospitals/Healthcare
- Educational facilities/universities
- Labs/research/data centers
- Hotels/condos
- Entertainment
- Casinos
- Transportation
- Utilities
- Manufacturing/distribution centers
- Retail/restaurants

## **Harnessing the Power of a Fortune 500® Leader**

A Fortune 500® company, EMCOR Group, Inc. (NYSE: EME) is a leader in mechanical and electrical construction, industrial and energy infrastructure, and building services.

EMCOR specializes in planning, installing, operating, maintaining, and protecting the sophisticated and dynamic systems that create facility environments. This includes systems such as electrical, mechanical, lighting, air conditioning, heating, security, fire protection, and power generation.

With over 180 locations and approximately 33,000 skilled employees, EMCOR works in virtually every sector of the economy for a diverse range of businesses, organizations, and government agencies.