

# EMERALD ENGINEERING FOR HIGH PERFORMANCE BUILDINGS

*Build Better. Perform Better. Last Longer.*

Delivering Mechanical, Electrical, and Plumbing (MEP) engineering designed for efficiency, reliability, and long-term value. Our engineering approach is shaped by decades of experience in energy modeling, commissioning, and performance verification.

## WHY CLIENTS CHOOSE EMERALD



We engineer buildings with the full lifecycle in mind - construction, operations, comfort, and long-term sustainability.



Emerald engineers buildings that are rooted in real-world performance.



Working closely with architects, contractors, and owners to ensure engineering decisions align with project goals, budgets, and timelines.

## ENGINEERING SERVICES



**Full Mechanical System Design**  
(HVAC, ventilation)



**Electrical System Design**  
(power, lighting)



**Plumbing System Design**  
(water supply, drainage)



**Energy-Informed Engineering**  
(energy modeling, lifecycle analysis)



**MEP Coordination for seamless installation and long-term performance**

## WHAT SETS EMERALD APART

Holistic engineering balancing cost, comfort, and carbon

Proactive communication throughout design and construction

International expertise across sustainability, engineering, and building science

Proven results delivering high-performance buildings across industries

## WHO WE SERVE



**Commercial + Corporate**



**K12 + Higher Ed + Research**



**Industrial + Advanced Manufacturing**



**Senior Living + Multifamily**



**Civic + Public Sector**

## PREVIOUS CLIENTS

**The Circle**  
Convention Center  
Zurich Airport

  
**THE OHIO STATE UNIVERSITY**  
BIO-MED

 **VITALIA**

**AODK**

 **CLEVELAND PUBLIC LIBRARY**

 **AMHA**  
Akron Metropolitan Housing Authority

 **Cuyahoga County Public Library**

 **SMHIA**  
STARK METROPOLITAN HOUSING AUTHORITY

 **Semiconductor Research Corporation**

**LET'S ENGINEER YOUR NEXT HIGH PERFORMANCE BUILDING**



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**EMERALD ENGINEERING**