

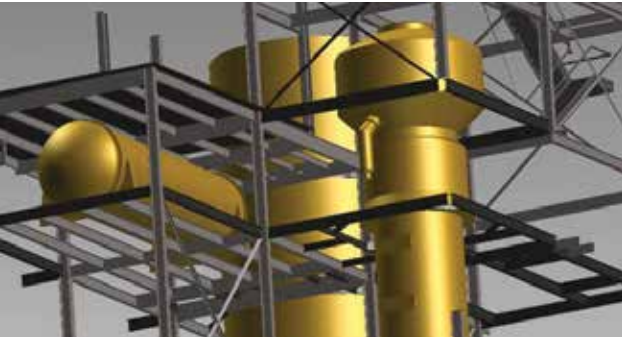
**SHIVEHATTERY**  
ARCHITECTURE+ENGINEERING



**I N D U S T R I A L**  
**S E R V I C E S**

“Our clients have needs that require us to be responsive and effective. If that means we need to be there at 2 a.m. on Saturday, then we’re there making sure the job gets done right, on time and on budget.”

— Jim Lee, PE  
President  
Shive-Hattery



## ARCHITECTURE

Biocontainment  
Clean Rooms  
Code Reviews  
Cold Storage  
Docks/Warehousing  
Green Houses  
Hazardous Occupancies  
Interior Design  
Laboratories  
Master Planning  
Refrigerated Warehouses  
Storm Shelters  
Workplace

## BUILDING ENVELOPE

Flashing/Sealants  
Infrared Scanning  
Moisture Protection  
Roof Assessments  
Roof Repair/Replacement  
Tuckpointing/Masonry Repairs

## ENVIRONMENTAL

Air Permitting  
Asbestos Testing and Abatement  
Lead Paint Testing and Abatement  
Mold Mitigation

## MISCELLANEOUS SERVICES

3D Modeling/Design  
3D Visualization  
Conflict Detection  
Cross Contamination Prevention  
Odor Containment  
USDA, FDA, CGMP Processes



## STRUCTURAL ENGINEERING

Catwalks/Platforms/Equipment Hanging  
Conveyor, Cranes, Monorails Support  
Crane Runway Load Ratings  
Equipment Foundations  
Explosion Venting  
Failure Investigations  
Fall Protection/Anchorage Design  
Flood Control  
Floor Loading Analysis  
Framing and Hoists  
High Bay Structures  
High Piled Storage  
Lateral Bracing  
Rack Storage Analysis  
Slabs-on-Grade  
Snow Drifting Evaluations  
Steel, Masonry, Wood and Concrete Structures  
Super Flat Floor Slabs/Warehouse  
Tank Farms/Spill Containment  
Wind and Seismic Design

## ELECTRICAL ENGINEERING

Arc Flash Analysis  
Audio Visual Systems  
Battery Storage  
Card Access Systems  
Emergency Power  
Explosion Proof Environments  
Fire Alarm Systems  
Grounding Systems  
High Voltage Power  
Motor Control Centers  
Security/Surveillance Systems  
Site Lighting  
Variable Speed Controllers

## MECHANICAL ENGINEERING

Building Pressurization  
Clean Rooms  
Clean-in-Place Systems  
Commissioning  
Compressed Gas Systems  
Controls and Automation  
Dust Collection  
Fire Protection Systems  
Food Safety Design  
Fume Scrubbers  
Geothermal  
Humidity Control  
HVAC Systems  
Hydraulic Systems  
Industrial Ventilation  
P & IDs  
Pneumatic Conveying  
Process Flow Diagrams  
Process Piping  
Refrigeration Systems  
Specialty Piping Systems  
Steam Systems

## CIVIL ENGINEERING

Circulation Plans  
Construction Observation  
Earth Work  
Hazardous Waste Storage  
NPDES Permitting  
Parking Lots  
Perimeter Security  
Rail Design  
Roadways  
Spill Containment  
Storm Water Management  
Traffic Analysis  
Truck Aprons and Docks  
Utility Systems  
Water/Wastewater Treatment and Distribution

## SURVEYING

- 3D Scanning
- ALTA Surveys
- Boundary Surveys
- Legal Descriptions
- Topographic Surveys
- Tower Siting
- Utility Surveys



## LANDSCAPE ARCHITECTURE

- Biophilic Design
- Campus Master Plan
- Corporate Identity
- GIS Mapping
- Irrigation Systems
- Landscape Buffering
- Project Entitlement
- Signage and Wayfinding
- Site Landscaping
- Wetland Design and Restoration



## ENERGY SERVICES

- Boiler Plant Efficiency Upgrades
- Cooling System Optimization
- Energy Analytics
- Measurement and Verification
- Project Financing
- Project Incentives/Rebates



E X P E R I E N C E

## O U T S T A N D I N G C L I E N T S E R V I C E



“The performance of Shive-Hattery has exceeded our expectations on all levels. They have consistently created value for our organization, the government and our tenants. They are professional, thorough and effective. They are an integral part of our team and it is difficult to consider pursuing our mission without their support.”

– Tim Frye  
Marketing Manager  
Rock Island Arsenal  
Development



**SHIVEHATTERY**  
ARCHITECTURE+ENGINEERING



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