



Design Planning Development Management
Tucson Phoenix Elko

# Hanlon Engineering + Architecture

Design-Planning-Development-Management

proudly serving the manufacturing and industrial communities since 1999

### **ARCHITECTURE**

COMMERCIAL
CORPORATE
INDUSTRIAL
INSTITUTIONAL
MIXED -USE

**RELIGIOUS** 



### **ENGINEERING**

CIVIL
CONCRETE
STRUCTURAL
MECHANICAL
PIPING
ELECTRICAL
INSTRUMENTATION
CONTROLS SYSTEM
PROCESS









### **MANAGEMENT**

PROJECT

CONSTRUCTION

ADMINISTRATIVE SUPPORT





Established in 1999 with Corporate in Tucson, Arizona we have since opened branch offices in Phoenix, Arizona and Elko, Nevada. HEA's success is built on the fundamental model of a full-service in-house Multi-Disciplinary Engineering, Architecture and Management Firm supporting Commercial, Corporate, Industrial, Institutional, Mixed-Use and Religious Architecture.

# Hanlon

Nationally recognized, a significant portion of our work involves renovation and modernization of existing facilities throughout the United States, Canada, Central and South America. We have achieved recognition by dedicating experienced individuals/teams whose task is to maintain the attention to detail for a project duration resulting in an on time and within budget delivery.



In addition to the Standard Services we also offer Procurement, Capital/Operational Cost Estimating, and our Construction Contact Management program generates up-to-date Executive Reports on Budget, Schedule, and Compliance with Projections through completion.

**TUCSON - Corporate** 2502 N. Huachuca Dr. **Tucson, AZ 85745** p 520.326.0062 f 520.325.0248

**HEA** maintains Business Licenses in 7 States to better serve local Clients. We also have individual licensure in 9 states allowing for  $_{\mbox{ELKO}}$ project mobility. Key Individuals possess National Certifications in Architecture and/or Engineering to quickly obtain licenses in other states as dictated by Client requirements.

1250 Lamoille Hwy. Suite 1048 Elko, NV 89801 p 775.778.0787 f 775.778.0789

Comprised of 60 employees, our team has Multi-Disciplinary PHOENIX Engineers, Architects, Interns and Technical Staff. Many Staff have 25 or more years of experience to offer to our Clients. Since its establishment in 1999 we have logged over 1,425 completed Projects

6040 E. Main St., Suite 186 Mesa, AZ 85205 p 480.707.2600

that carry a constructed value of over \$1B info@hanlonengineering.com

### **SINGLE SOURCE** Single Sourcing for Professional A&E Services maintains better

Quality Assurance/Quality Control through communication and efficiency. As Industry Experts with cutting edge production and modeling tools we are your single source firm.

### **ARCHITECTURE & ENGINEERING**

BIM

LEED

**FEASIBILITY STUDIES** 

**DUE DILIGENCE** 

PROGRAM DEVELOPMENT

SITE DESIGN

**CODE COMPLIANCE** 

**LAYOUT** 

**CONSULTANT COORDINATION** 

CONSTRUCTION DOCUMENTATION

**ADMINISTRATION** 

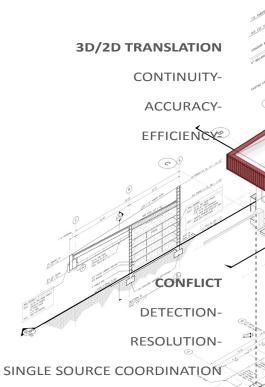
**MANAGEMENT** 

**CLOSE-OUTS** 



B.I.M.

Our Professionals use Building Information Modeling software (B.I.M.) to design Projects efficiently and effectively. B.I.M. allows our Team to work simultaneously creating an all-inclusive, information based 3 Dimensional digital model. The inherant accuracy of this process streamlines the transition from Pre-Design through Construction Documentation to built Project.



**PROJECT** 

**DEVELOPMENT-**

**DESIGN COMMUNICATION-**

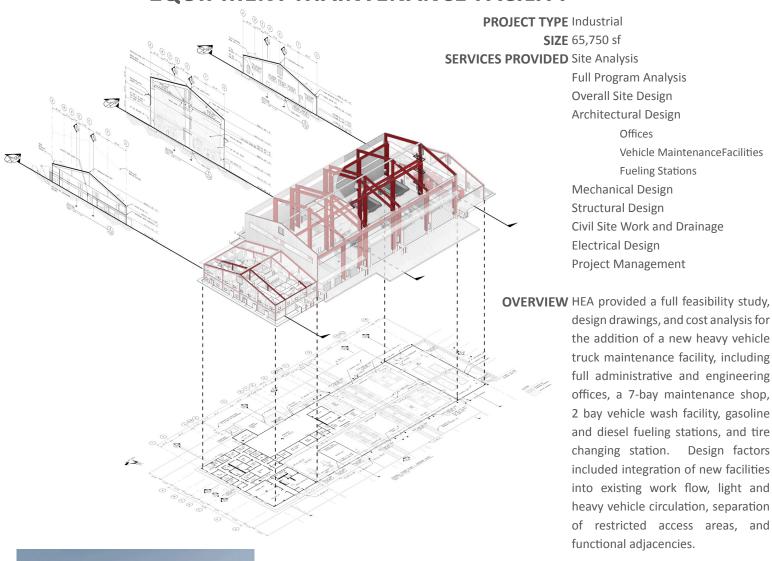
VISUALIZATION-

PRESENTATION-

**CONSTRUCTION DOCUMENTATION** 

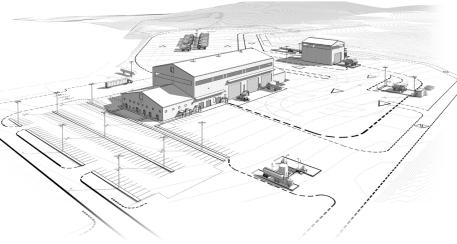


# **EQUIPMENT MAINTENANCE FACILITY**















### **OFFICE & LABORATORY EXPANSION**

**PROJECT TYPE** Administrative / Lab Expansion **SIZE** 55,500 sf

**SERVICES PROVIDED** Full Program Analysis

Code Compliance Study
Integrated renovation + addition
As-built drawings
Existing structure and facility revi

Existing structure and facility review Feasibility + cost analysis Architectural design

Offices Laboratory

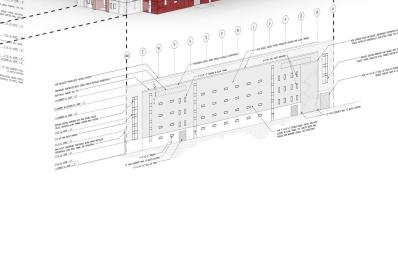
3d Visualization + Rnderings

Mechanical Design Structural Design Electrical Design Project Management

including as-built drawings, design drawings, code compliance studies, 3D-renderings, and complete cost analysis for the renovation of a 36,500 sf existing building and design of a 4 story, 19,000 sf addition. The building renovation and addition design consisted of: office space, meeting and conference rooms, break rooms and kitchens, locker rooms and bathrooms, a reference

bays.

library, reception areas, laboratory including hazard control systems and safety measures, separate employee and guest access points, and delivery



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## **TESTING & STORAGE FACILITY**

6

PROJECT TYPE Industrial / Warehouse

SIZE 10,625 sf COMPLETED 2012



Structural Design

Mechanical Design

**Utilities Integration** 

Electrical Design

Project Management

QA/QC Inspections

**Construction Documents** 

Construction Administration

OVERVIEW HEA provided full Architectural and Engineering Services for this single story testing and storage facility completed in 2012. Included in the program were a warehouse, laboratory and testing area, wash room, restrooms, and offices.



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# **AAFES - SHOPPETTES II**



























**GATE 3 SHOPPETTE** 

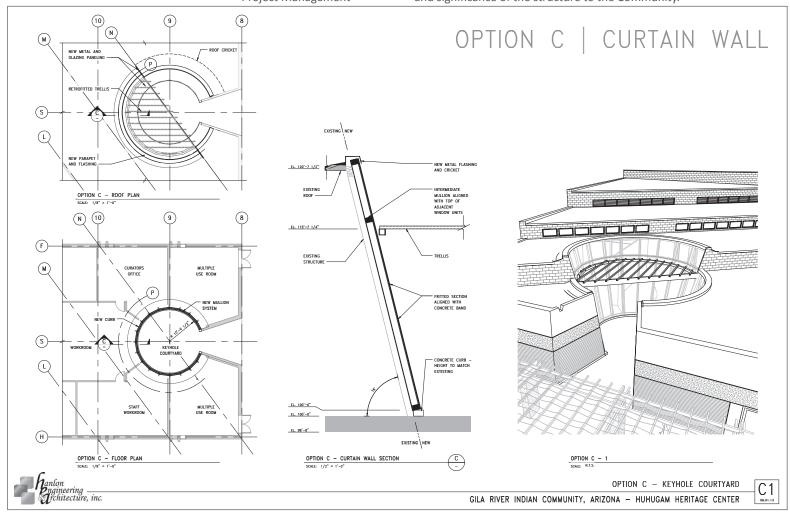
### **COMMERCIAL FACILITY UPGRADE**

Commercial 25,000 sf 2013 SERVICES Architecture
PROVIDED Overall Plan
Drainage

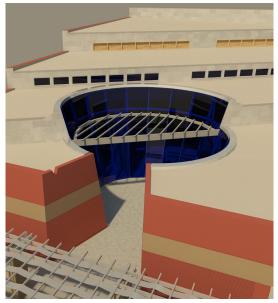
Mechanical Design
Utilities Integration
Project Management

Structural Design

OVERVIEW HEA provided full Architecture & Engineering Services for the Gila River Indian Community. The scope of work included existing construction and product research, upgrades in facade & roofing detailing to alleviate leakage, solar heat gain, glare and energy loss. HEA completed design Architecture & Engineering drawings and construction documents. Charged to maintain architectural aesthetic with upgrades due to age and significance of the structure to the Community.







Design

Planning

Development

Management



### **Tucson**

Phoenix

Elko

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