



Fire Protection  
Code Consulting  
Life Safety-Security

## The Fire Protection International Consortium, Inc.

### Warehouse/High Pile Storage Protection

[www.the-fpi.com](http://www.the-fpi.com)

The Fire Protection International Consortium, Inc. is the only fire protection and security firm that has specialized in industrial fire protection and security for storage and warehousing. This specialization allows us to better understand the unique characteristics of racking and general storage providing an expertise unmatched in the industry. The integration of security and fire protection/life safety ensures that the systems designed meet your needs.

#### Automatic Sprinkler System Design

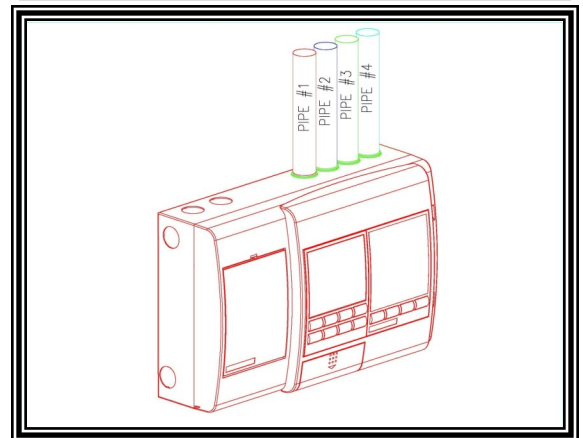
- Setting the criteria
- Negotiating with code officials
- Determining if in-rack sprinklers are required
- Evaluating water supply including flow and pressure requirements
- Preparation of construction documents, drawings and specifications
- Bid Assistance
- Shop drawing review
- Final inspection
- Commissioning of systems

#### Fire Alarm System Designs

- Setting the criteria
- Evaluation of equipment
- Preparation of construction documents, drawings and specifications
- Bid Assistance
- Shop drawing review
- Final inspections
- Commissioning of systems



Sprinkler Activation High Pile Storage



Air Sampling Unit

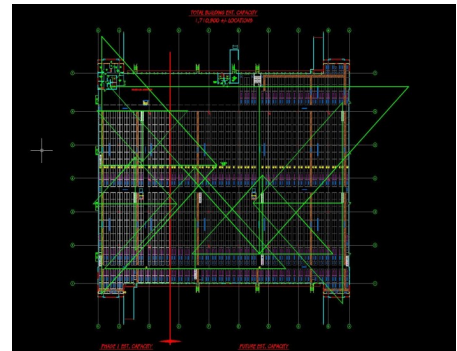
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## Building Code Consultation

- Building Code Analysis
- Negotiations with code officials
- Life Safety Analysis
- Performance based design
- Evaluating documentation
- High Pile Permit Drawings

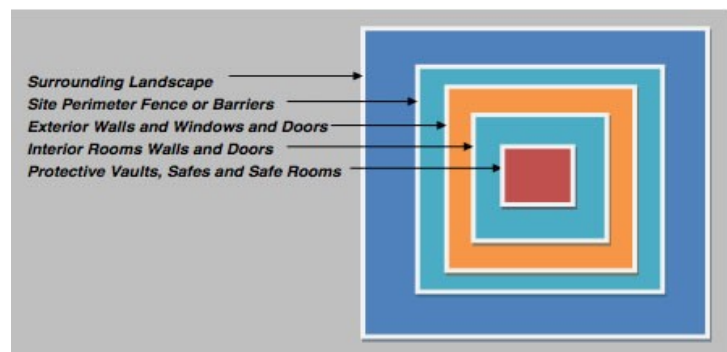


Exit Analysis

## Security Consulting

FPI security employees have provided security risk management, consulting, planning, design and engineering services over the last 33 years and have institutional knowledge and experience gained from hundreds of security consulting and design engineering project assignments. Clients seeking resolution to simple or complex situations, short or long term challenges rely on FPI as a trusted provider. Our security professionals work to identify and define a problem, design and assist in the implementation of an effective solution, and deliver recommended corrective actions to minimize future exposures.

- Identification of security risks
- Evaluation of level of risks
- Development of effective solutions
- Discussions with code officials
- Evaluation of protection scheme impact on life safety
- CPTED analysis
- Review of policies



Concentric Zones of Protection

## Security Design and Engineering

FPI employees have completed hundreds of security projects that encompass a wide range of operations. Our full scope of services takes a project from master planning through construction and includes facility review, risk assessment, security systems planning, design and engineering, architectural security recommendations, system specification, bid award assistance, and construction and installation management.

- Master Planning
- Facility Review
- Security System Planning
- Design including
  - CCTV
  - Card Access
  - Alarm
  - Locks, Barriers
- Commissioning of systems



Walk through portal