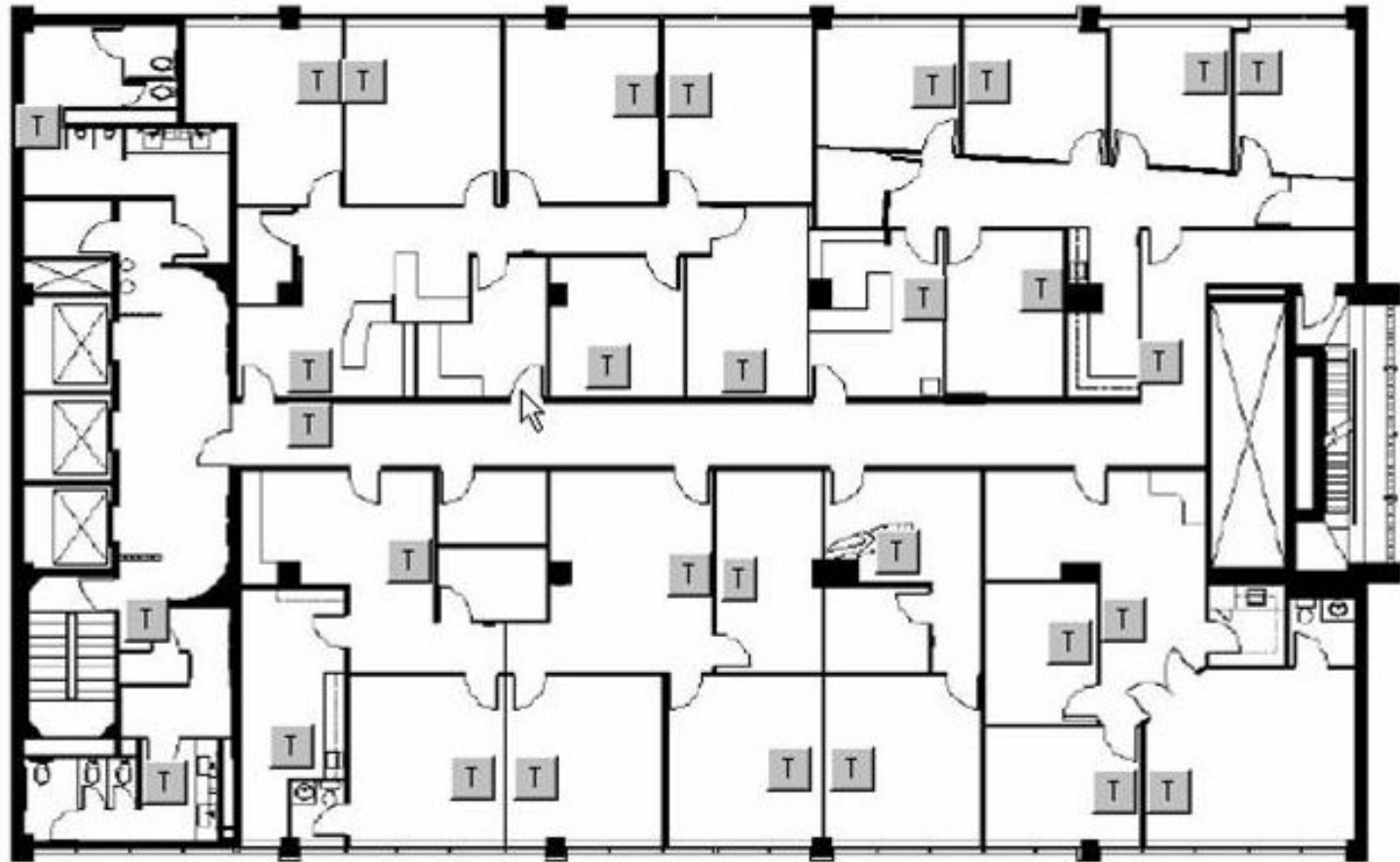


- **Considerations** -
- Code Compliance**
  - Life Safety Codes
    - NFPA 72
    - NFPA 101
- **Performance**
  - Supported Protocols
  - Speed
- **Reliability**
- **Scalability**

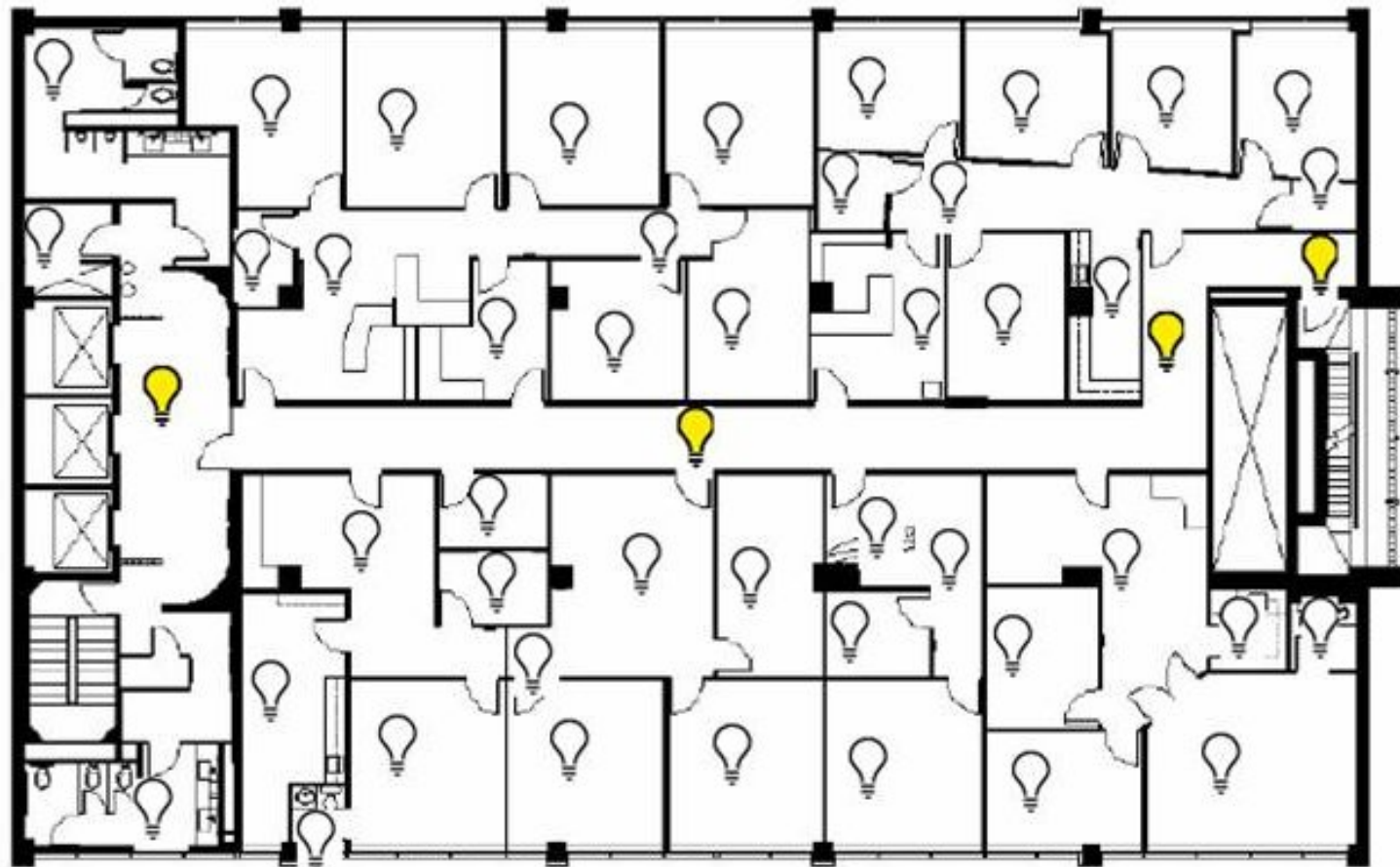


### Omni Office Centre - HVAC



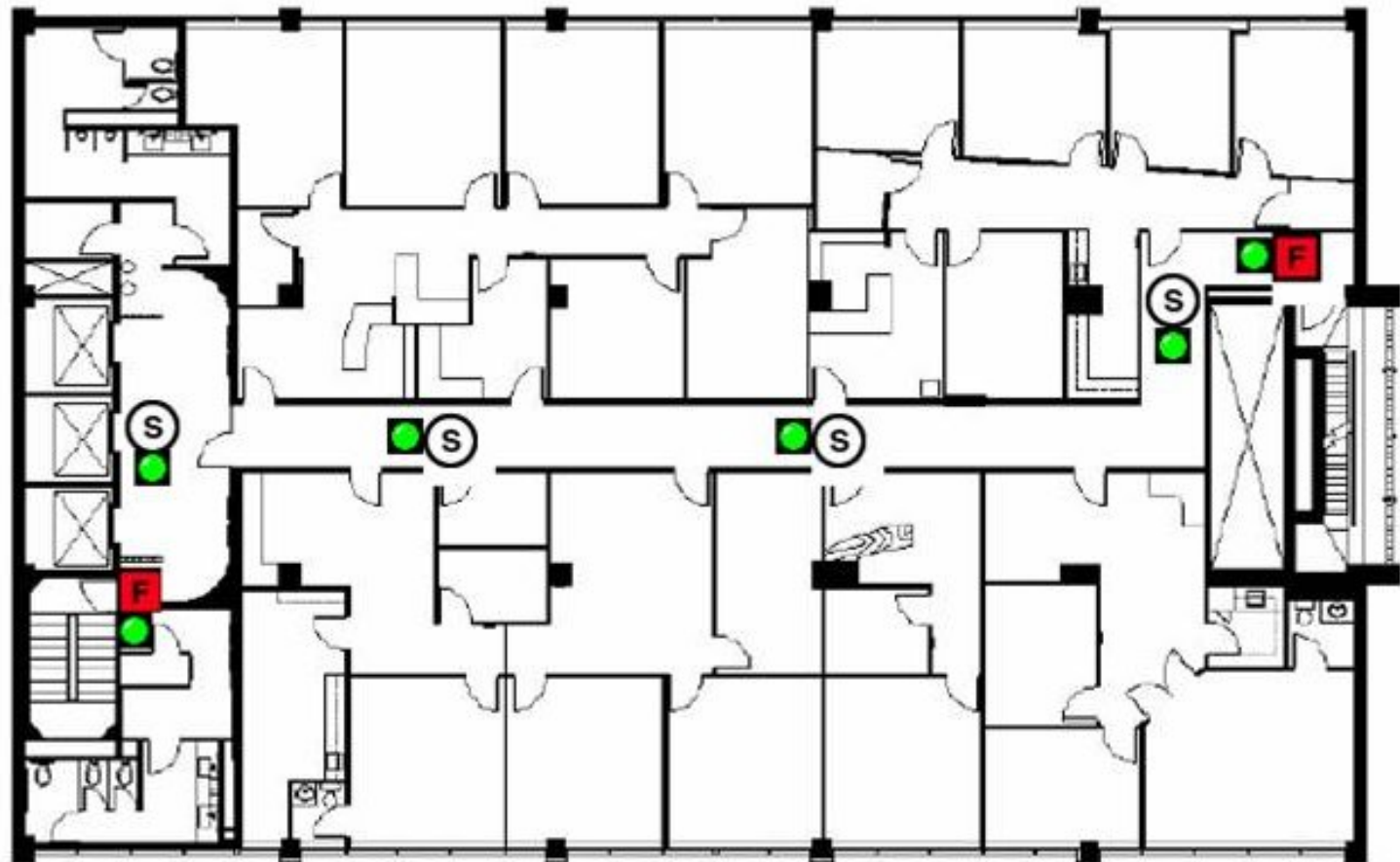
Thermostat Locations - 6th Floor

### Omni Office Centre - *Lighting*



6th Floor Lighting

### Omni Office Centre – *Fire Detection*



6th Floor Fire Alarm

## Life Safety Systems

- Performance Requirements
  - Multi-path (i.e., Class 1 Fire Alarm Systems, etc.)
  - Continuous Monitoring
  - Acceptable to LAHJ
- Engineering Design Solutions
  - Educate Code Officials & Building Owners re Wireless Technologies
  - Use Mesh Network Strategies
  - Use Good Engineering Practices in Deployment

## Properly Designed Networks are...

→ Robust

→ Multi-path

→ Durable

→ Scalable

→ Economical

### Designs that Address...

- Coverage
- Network Security
- Signal Degradation
- Interference
- Integration of Life Safety Systems

