

## DIVISION 13 - SPECIAL CONSTRUCTION

### SECTION 13900 - FIRE PROTECTION

#### Summary:

1. Provide fire protection systems for the following:
  - a. Sprinkler system.
  - b. Fire and smoke detection system.
  - c. Fire alarm system.
  - d. Standpipe system.
2. Maintain fire alarm system in operation during construction.
3. Coordinate with Owner's room uses to provide adequate system for all contract areas.
4. Coordinate location of fire protection systems to avoid interference with location of designated lighting fixture locations.
5. Do not cut structural elements without prior written approval.

#### Submittals:

1. Submit product data, warranties, operating and maintenance data.
2. Submit signed and sealed shop drawings for review and as required for building permit.

#### Products:

1. Provide new materials suitable for service intended complying with approved submittals.
2. Sprinkler Heads: Recessed type.
3. Fire Alarm System: Integrated with fire detection, smoke detection, and sprinkler systems.
4. Power Sources: Emergency or alternate power system backup.

#### Installation:

1. Comply with requirements of Section 01000 - Project Requirements.
2. Comply with applicable codes, regulations, ordinances and requirements of authorities having jurisdiction, and NFPA 13R, as applicable.
3. Conceal piping unless prior approval is obtained from architect in writing.
4. Center ceiling-mounted elements in center of ceiling tiles as applicable.
5. Maintain indicated fire ratings of walls, partitions, ceilings, and floors at penetrations. Seal with firestopping to maintain fire rating.
6. Test all systems for proper operation, including backup and alarm systems..
7. Instruct Owner's personnel in proper operation of systems.

END OF DIVISION 13