

CITY OF MONTEREY PARK

320 West Newmark Avenue • Monterey Park • California 91754-2896

FIRE DEPARTMENT, FIRE PREVENTION DIVISION

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www.montereypark.ca.gov



Public Bulletin:

FIRE DEPARTMENT PLAN CHECK SUBMITTAL REQUIREMENTS

PERSON PREPARING THE PLANS: Plan check submittals designed in accordance with the provisions of the 2019 California Fire Code as amended by the City, shall be prepared by a design professional or engineer registered with the State of California. All plans must bear the signature of the person who prepares the plans, whether the person is a licensed design professional or not.

DOCUMENT SUBMITTAL LIST:

(1) Plans

A. Architectural Plans:

Plot Plan
Floor Plan
Fire Hydrant Plan
Occupancy Classifications
Occupant Loads
Building Area Justification
Existing Fire Protection Systems
New Fire Protection Systems
Hazardous Materials
Fire Permits Required (High Piled Storage)
Required Fire Flow
Door Schedule

B. Fire Sprinkler Plans:

Site Location
Floor Plan
Vicinity Map
Owner
Contractor and state license number
Occupancy Group
Hazard Classification
Storage Type and Commodity
Water Supply
Underground Piping
Type of System
Sprinkler Details
Piping, Hangers, FDC, DCDA, Control Valves
Signage
Design Method

- C. Fire Alarm Plans:
 - Site Location
 - Floor Plan
 - Owner
 - Contractor and state license number
 - Wiring Diagram
 - Symbol and Equipment List
 - Riser Diagram
 - Voltage Drop Calculations
 - Battery Backup Calculations
 - Design Details
 - Manufacturer Specifications for Equipment
- D. Other Fire Protection Plans (include relevant information from Fire Code)
- E. Plumbing plans (for industrial waste grease interceptor)
- F. Electrical plans (include relevant data from architectural plans)
- G. Mechanical plans (include relevant data from architectural plans)
- H. Emergency Access plan (include relevant data from architectural plans)

The following plans require a Separate Plan Review Submittal Prior to the Approval of the Architectural Plans:

1. Soil Gas Mitigation System (VMS)
2. Industrial Waste Grease Interceptor (IWGI)
3. Fire Hydrant Plans
4. Underground Fire Plans
5. High Piled Storage Plans
6. Hazardous Materials Plans

Deferred Approvals require a separate Plan Review, note on Architectural Plans:

1. Industrial Waste Grease Interceptor permit, obtained prior to occupancy.
2. Fire permits, as required for the project, obtained prior to occupancy.
3. Fire Protection Plans (fire sprinklers, fire alarm, restaurant fire suppression system, smoke alarm system, standpipe systems, and fire hydrants).
4. Emergency Responder Radio Coverage.
5. Methane Pad (As-Built Engineer's Certification), submit prior to occupancy.

Industrial Waste Grease Interceptor (IWGI):

1. Submit IWGI application along with nine sets of plumbing plans to the Fire Department, Fire Prevention Division.
2. Take the application, City of Monterey Park receipt, and plans to Los Angeles County Public Works in Alhambra for plan check services.
3. Return one set of the approved plans to the Fire Department.
4. Provide two approved set of plans to your design engineer to incorporate into the Master Construction Plans to revise to submit to the Building Department.

STANDARD GUIDELINES FOR PLAN SUBMITTAL

1. Submit three complete sets of architectural drawings, hydraulic calculations, and manufacturer data sheets, and include other relevant technical information.
2. Design submittals in accordance with the 2019 California Fire Code (CFC) and California Building Code as amended by the City.
3. Fire apparatus access plan.
4. Required Fire Flow for the project.
5. Fire hydrant plan, including existing and new hydrants. Identify public and private hydrants.
6. Construction schedule (including building identification, exit signage, lighting, storage of construction materials, employee parking, fire access roads, temporary fire department connections and standpipes).
7. Fire protection systems require a separate plan review to be listed on the architectural drawings as deferred submittals.
8. Deviation from approved plans and plan revisions must be documented and submitted for plan check review and approval prior to proceeding with inspection.

Emergency Responder Radio Coverage: Building shall have approved radio coverage for emergency responders within the building based upon the existing coverage level of the public safety communication system per California Fire Code Section 510.

Minimum Required Fire Flow/Fire Hydrants: All structures shall have the minimum fire flow (GPM) in accordance with Appendix B Table B 105.1 and the quantity and spacing of fire hydrants in accordance with Appendix C Table C102.1 CFC.

NOTE: A current fire flow report (not older than 6-months), performed by the Monterey Park Water Department, must be provided to the Fire Department when applying for building permits to construct or add to any structure. Fire flow test data must be provided prior to approval of plans.

Fire Department Access/Knox Box: Fire Department Access shall be provided to within 150-feet of all exterior portions of any structure. All access roads exceeding 150-feet shall be provided with an approved Fire Department Hammerhead or Turnaround. Fire department access shall be constructed of an all weather surface to support a minimum of 80,000 pounds, with a minimum of 20-feet wide and unobstructed height of 13'-6", with No Parking on Either Side. No roadway way shall exceed 10% slope. The knox box application can be obtained online.

Aerial Fire Apparatus Access Roads: Building exceeding 30 feet in height above the lowest level of Fire Department Vehicle Access shall comply with requirements of CFC Appendix D105.1 through D105.3.

Building shall have approved fire apparatus access roads capable of accommodating fire department aerial apparatus. Overhead utility and power lines shall not be located within the aerial fire apparatus access roadway.

All access gates across roadways or entrances to facilities shall fail unlocked/open in the event of any loss of power. All access gates and main entrance doors shall have a Knox Box or Knox Control Key Switch installed.

Automatic Fire Sprinkler System or Standpipe: An automatic sprinkler system and standpipe system shall be provided throughout building in accordance to the provisions in the California Building Code and the California Fire Code as amended by the City.

Fire Department Fire Sprinkler Connections: Shall be comprised of:

- FDC shall be located a minimum of 25-feet from the building or surface mounted to 2- hours rated wall with no opening within 10 feet and FDC shall be located within 150 feet of a fire hydrant.
- (2) 2-1/2" CLAPPERED internal swivel outlet X 2-1/2" CLAPPERED internal swivel outlet X 4" FDC
- 4" CLAPPERED internal swivel outlet X 4" FDC
- Shall be clearly labeled to indicate FDC for Fire Sprinklers and Standpipes.
- A clear dimension of 3-feet shall be maintained around the perimeter of each fire department appliance.
- All fire appliances except for fire hydrants shall be cleaned, primed, and painted fire engine red enamel or krylon.

Automatic Fire Alarm/Detection System: An approved manual, automatic, or manual and automatic fire alarm system installed in accordance with the provisions of CFC and NFPA 72 will be provided in new buildings and structures in accordance with Section 907.2 through 907.2.23 and provide occupant notification in accordance with Section 907.5, unless other requirements are provided by another section of this Code.

NOTE: Forms are available for download at: www.montereypark.ca.gov