



Montebello Fire Department Underground Fire Sprinkler Supply & Fire Mains Plan Submittal Requirements



If the required information below is not provided on the formal plan submittal plans will not be accepted. Supplemental information or attachments will also not be accepted. Please check boxes to indicate information below has been noted on plans:

- Current editions of NFPA 13/13R/13D.
- Current City of Montebello Business License Required prior to issuance of permit
- Name of owner and occupant.
- Name, address and contact information of party submitting the plan
- Name, address, license and contact information of contractor
- Location, including street address
- Point of compass
- Scale
- Provide a scope describing the project and purpose
- List all applicable codes, regulations and ordinances Construction type and occupancy type of each building
- Building height in feet **
- Water flow test information (Provide a 10% safety margin)
- Water pervayor test sheet shall be attached to plans
- Full height cross section or schematic diagram, including structural member information if required for clarity and including ceiling construction and method of protection for nonmetallic piping
- Location of fire walls
- Location of partitions
- Occupancy use and hazard class of each area or room
- Building features such as combustible concealed spaces, floor openings, areas subject to freezing, and areas from which it is intended to omit sprinkler protection.
- Proposed location and approximate size of fire pumps or tanks if needed **
- Location of city main and nearest fire hydrant **
- Make, type, model and nominal K-factor of sprinklers including sprinkler identification number
- Provide ceiling detail with deflector distance
- Temperature rating and location of high-temperature sprinklers
- Size and location of standpipe risers, hose outlets, hand hose, monitor nozzles and related equipment **
- Provide seismic bracing calculations using NFPA 13 seismic bracing calculation form
- Show locations of all hangars and seismic bracing
- Fire service main sizes (Separate submittal for Undergrojund)
- Hydraulically designed systems, show the hydraulic nameplate
- Tenant improvement projects shall have hydraulic calculaitons nameplate or Pipe Schedule plate on plans.
- Tenant improvement projects shall show areas with 50 year old sprinkler heads.

- Hydraulic reference points shown on the plan that correspond with comparable reference points on the hydraulic calculation sheets **
- The minimum rate of water application (density), the design area of water application, in rack sprinkler demand and the water required for hose streams both inside and outside **
- The total quantity of water and the pressure required noted at a common reference point for each system **
- Relative elevations of sprinklers, deflector distances, junction points, and supply or reference points
- The setting for pressure reducing valves **
- Information on backflow preventers (Manufacturer, size, type) **
- Size, location and piping arrangement of fire department connections **
- Provide drain valve at the most remote area **
- Provide note indicating: Fire protection water shall not be engineered or designed to enter into the municipal storm drain or sanitary sewer systems without an appropriate permit.

**** May not be required for tenant improvement fire sprinkler submittals**