

### GENERAL REQUIREMENTS FOR PLAN SUBMITTAL

- The minimum paper size is 11" x 17"
- Plans must be complete, legible, accurate and drawn to scale
- Provide three (3) sets of plans compliant with current Edition of NFPA 13
- Provide three (3) sets of manufactures' cut sheets for ALL components proposed.
- Plans must be signed and dated by the appropriate design professional. If the installing contractor is not the designer of the system, the plans will be required to be stamped and wet signed by the Licensed System Design Engineer.
- Applications must be filled out completely and signed by applicant
- Address and owner information must be on each sheet of the plans
- No required information can be taped on the plans

### INFORMATION REQUIRED ON THE PLANS

- Plans shall include accurate description of scope of work
- Detail the exact nature of the work in a clear, concise, and simple to understand language including the intent of the fire sprinkler system
- Project address and suite number (if applicable)
- Contractor's title block with name as it appears on contractor's state license number and type
- Provide the site plan drawn to scale; showing the underground pipe size, location, water meter size and connection point to the city main.
- North Arrow

### ADDITIONAL FIRE SPRINKLER PLAN REQUIREMENTS:

- A complete set of piping plans drawn to scale indicating location of sprinkler heads and room descriptions.
- Indicate the type of piping being used in all areas (system piping, riser piping and underground piping.)
- Show termination of all sprinkler drains (shall not cross public sidewalks).
- Provide a fire sprinkler head symbols list for each type used, which includes manufacturer, mode, K-factor, orifice size and temperature.
- Provide hanger details showing all components and attachment devices.
- Provide brand names and schedules for all piping.
- Provide a building cross section showing sprinkler system components and building construction.
- Provide a system riser detail showing all valves and devices (no shut-off devices shall be installed on the system side)
- Show the location of exterior sprinkler bell or exterior horn/strobe device.
- Indicate on the plans all heat producing zones.
- Provide two sets of hydraulic calculations to include all the information as detailed in NFPA 13.