# SPRINKLER SYSTEMS / STANDPIPES

**KEY CONSIDERATIONS:**

- Fire Department personnel SHALL NOT repair damaged sprinkler heads.
- Sprinkler Control Valves should be cautiously closed and ONLY at the direction of the Incident Commander. When possible, post a firefighter at the valve after shutdown if incident operations are continuing.
- Use highest rated pumps when possible.

## PROTOCOL:

1. Spot near the Sprinkler and/or Standpipe FDC if possible. Locate the closest hydrant, one is usually supplied for this purpose.
    - Use system hydrants and avoid "Yard Hydrants" when possible.
    - Consider parking away if falling debris or glass is an issue, don't block truck access.
2. Establish all Hydrant and FDC connections. **3" or 4" hose is required**. CHECK THE FDC SIAMESE for debris. Connect an additional supply line to the FDC as time allows.
3. Pump the Sprinkler system at **150psi** or the pressure on the connection plate.
4. Pump the Standpipe or combination Sprinkler/Standpipe system at **150psi** to start. Then determine the appropriate hydraulics based on hose and nozzle configuration.
5. Notify the IC if pressure or volume issues develop, these are signs of changings fire and system conditions.
6. While pumping the Sprinkler/Standpipe system, DO NOT pump/support anything else.
7. Shut down the system(s) and notify the building owner/reps about the current status of the system. Advise them it is there responsibility to promptly repair. Refer them to the Fire Marshal's Office for assistance.

## TROUBLESHOOTING:

- If swivel is damaged or frozen consider using double male and double female to make connections, or twist hose '4' revolutions and untwist when making the connection.
- If Standpipe FDC connection is bad, try hooking up on the first floor (double female needed).