

## SPRINKLER REVIEW CHECKLIST

- Density correct for each area
- Sprinklers are installed where needed
- Size of area per riser
- Temperature rating of sprinkler correct
- Sprinkler spacing adequate...100, 130, 225
- Water supply test results correct
- Duration of water supply adequate
- Capacity of dry pipe systems
- Hangers and seismic bracing
- Inspectors test connection
- Drainage
- Control valves accessible
- Underground piping size, type and depth of bury
- Remote area properly sized and in remote position
- System peaked
- Pipe sizes, lengths and fittings on hydraulic sheets match drawing
- Internal pipe diameter correct
- C factor correct
- Sprinkler K factor correct
- Total flow in calculation = density x area x 1.15
- Volume and pressure out of sprinklers correct
- Hose streams and in-racks included and taken out at correct location
- Backflow device included in calculation
- Minimum end head pressure
- Safety facto adequate
- Relief valves for all grid systems
- Pipe shadowing
- All equipment FM/UL approved