

**AUTOMATIC SPRINKLER SYSTEM
INFORMATION NEEDED FOR BUILDING PERMIT PLANS SUBMITTAL**

ORANGE COUNTY FIRE RESCUE DEPARTMENT
Office Of The Fire Marshal -Plans Review Section
109 East Church Street, Lower Level - Orlando, Florida 32801-3319
Office: (407) 836-0004 Fax: (407) 836-8310

1. These plans are to be used as conceptual drawings.
These plans are intended to be 100% engineered designed documents for the automatic sprinkler system.

2. Does the point of service meet Florida Statue 633 criteria? Yes No

("Point-of-service" means the point at which the underground piping for a sprinkler system using water as the extinguishing agent becomes used exclusively for the sprinkler system. The point-of-service is designated by the engineer who sealed the plans for a system of 50 or more heads or by the contractor who designed the plans for a system of 49 or fewer heads.)

3. Does the area hydrant (water) flow provide sufficient GPM to meet the Needed Fire Flow and Sprinkler System Demand? Yes No

4. Are the methods of storage, types of storage, height of storage, and commodities being stored identified on the plans? Yes No

5. Does the structural calculations include the loads imposed by the automatic fire sprinkler system components? Yes No

6. Has the underground fire mains been designed to meet the criteria set forth by NFPA 24? Yes NO

7. Has the underground fire main and fire department connection supplying the sprinkler system been sized to meet the needed demand @ the base of the riser? (Example: Sprinkler system demand greater than 1000 GPM would require a minimum 6 inch fire main and a 6 inch fire department connection) Yes NO

8. Type Of System Installed: Wet Pipe Dry Pipe Preaction ESFR
 Large Drop ELO Ext. Coverage Standard

9. Design Basis: NFPA 13 NFPA 13D NFPA 13R
 NFPA 13 7-3 (High-Piled Combustible Storage)
 NFPA 13 7-4 (Rack Storage) Other _____

10. Is a Fire Pump Required? Yes No

11. Type of Fire Pump Used: Electric Diesel Other _____

12. Size of Fire Pump: _____ GPM @ _____ PSI

13. Is the fire Pump room Located on an Exterior Wall as required by OCFRD? Yes No

14. Are Pump Room Dimensions: 14 ft. x 14 ft. for electric drive fire pumps

16 ft. x 16 ft. for engine drive fire pumps.

15. Is the Electrical Service Adequate for the fire pump? Yes No