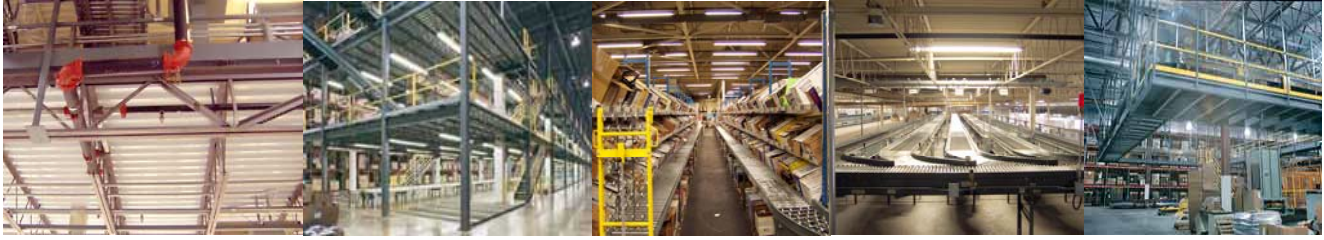




# American Warehouse Systems

## Fire Suppression Specifications



### General -

1. Wet pipe system shall be a custom designed system by an established firm specializing in mezzanine fire suppression such as American Warehouse Systems.
2. All field work shall be completed by a trained and licensed NFPA member.
3. Customer shall be provided with an engineered design layout that will meet customers approval before installation begins.
4. Existing system shall be tested to determine flow and pressure characteristics.

### System-

1. The Contractor shall design and install a wet-pipe fire suppression system under the mezzanine in accordance with NFPA 13-99 and applicable local fire codes. All appendices of NFPA 13 will be considered to be a part of the main body of the standard.
2. Sprinkler size, spacing and location shall be in accordance with NFPA 13-99, Chapter 4 and designed for occupancy classification Ordinary Hazard (Group II) as defined in NFPA 13-99, Section 1-7, or other classification provided by the customer.
3. Sprinkler heads and piping shall be located so not to be susceptible to damage or interfere with normal operations under the mezzanine.
4. The Contractor shall connect the fire suppression system to the existing system piping at the most economical point permitted by NFPA 13 criteria and approved by the customer.
5. To allow for future water supply degradation, a 5 psi safety margin shall be provided between the mezzanine sprinkler system demand pressure and water supply pressure at the calculated combined roof-level and mezzanine design flow rate.
6. The existing fire suppression system shall not be inoperative for any time longer than that required to make the required connections.