

# City of Henderson Fire Safety Engineering Informational Bulletin

Issue 013

COHFireSafety@CityofHenderson.com

June 27, 2006

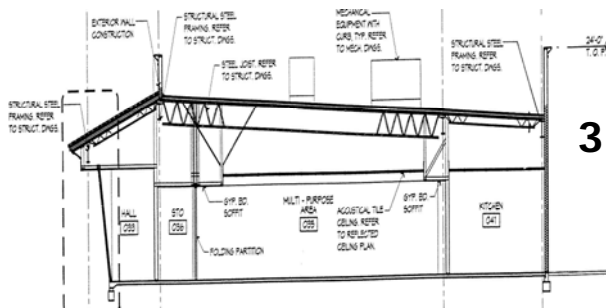
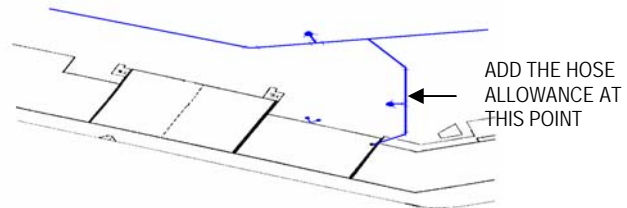


## TOP TEN

# COMMON ERRORS ON SPRINKLER DRAWINGS (PART 1 OF 2)

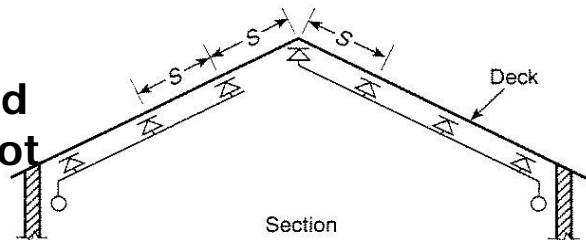
1. Civil plans are not complete – or are missing information.

2. Hose allowance that is added in at the wrong place in the calculations.



3. Incomplete Building Section or missing information.

4. Sprinklers located along sloped roofs or ceilings that are not measured along the slope.



5. Elevations of sprinkler pipe on the drawings which do not match elevations shown on the calculations



Please e-mail comments, questions & suggestions regarding this bulletin to:  
[COHFireSafety@CityofHenderson.com](mailto:COHFireSafety@CityofHenderson.com) or call 702-267-3630

If you do not wish to receive this bulletin, send a reply with REMOVE in the subject line

City of Henderson  
Fire Safety Engineering  
Informational Bulletin

Issue 014

COHFireSafety@CityofHenderson.com

January 26, 2005

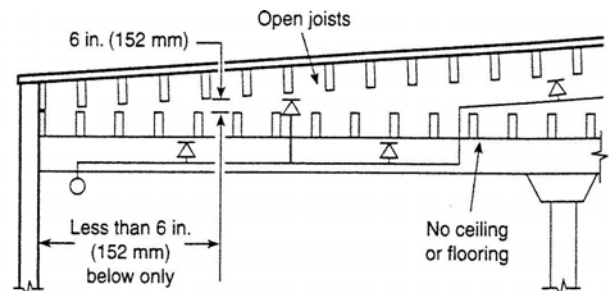


## TOP TEN

# COMMON ERRORS ON SPRINKLER DRAWINGS (PART 2 OF 2)

6. Missing or incorrect Equivalent Fitting Lengths in hydraulic calculations.
7. Incorrect Remote Area Configuration.
8. In hydraulic calculations, sprinklers in small rooms or closets cannot be eliminated if the "Quick Response" area reduction is applied.

9. Attic coverage (upright heads) along roof trusses shall extend from the peak to the end of the truss, not to the point where the space between the top and bottom cords is  $> 6"$  clear.



Arrangement of Sprinklers Under Two Sets of Open Joists - No Sheathing on Lower Joists.

10. The minimum end head pressure shall be at the sprinkler head, not the hydraulic reference point of the equivalent K- Factor.



Please e-mail comments, questions & suggestions regarding this bulletin to:  
[COHFireSafety@CityofHenderson.com](mailto:COHFireSafety@CityofHenderson.com) or call 702-267-3630

If you do not wish to receive this bulletin, send a reply with REMOVE in the subject line