



HAMILTON COUNTY January 6, 2014

Planning + Development

Re: Sprinkler Plan Detail for System Isolation and Hydro-Static Test for New Work

Dear Sprinkler System Designer:

In the past there has been some questions during our field inspections, as to when sprinkler systems are to be isolated and hydro statically tested. To avoid any confusion, delay and unnecessary work for you and our customers, especially at the final stage of a project the Hamilton County Building Department is requesting that all future sprinkler drawings indicate if the new work will be isolated and hydro-tested or if your design will be utilizing the exception as referenced below:

138 E COURT ST RM 801
CINCINNATI, OH 45202-1224

GENERAL INFORMATION
(513) 946-4550
www.hamiltoncountyohio.gov/pd

Automatic Sprinkler System Handbook

Chapter 24 page 892 System Acceptance:

Paragraphs 24.2.1.4, 24.2.1.5, and 24.2.1.6 address additions and modifications and specify when new piping installations are to be isolated and tested. In many cases, segregating new work from existing work is difficult. The Technical Committee on Sprinkler System Installation Criteria believes that to require the entire system to undergo another hydrostatic test when only relatively minor changes are made is unreasonable. When new portions of systems cannot be isolated, such as relocated drops, NFPA 13 provides some flexibility and permits hydrostatic test to be conducted at the system's normal static pressure. In general, existing portions of the system do not need to be subject to a new hydrostatic test.

Your cooperation in the placement of this information on the drawings and addressing the issue up front, at the plan submission stage is greatly appreciated and will help everyone move the projects along at a quicker pace. If you have any questions concerning the above, please do not hesitate to contact me.

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Commissioners**

Chris Monzel
Greg Hartmann
Todd Portune

Sincerely,

Gerald L. Stoker
Hamilton County Building Official

cc: Hamilton County Building Department Staff
File