



LARRY HOGAN  
*Governor*

BOYD K. RUTHERFORD  
*Lt. Governor*

KENNETH C. HOLT  
*Secretary*

TONNY REED  
*Deputy Secretary*

## MEMORANDUM

Date: May 15, 2017

To: Maryland Local Building Officials  
Maryland Approved Industrialized Building Manufacturers  
Maryland Approved Testing Facilities (ATF)

From: Norman C. Wang, RA Director of Maryland Codes Administration

Ref: Revised Fire Sprinkler Design Submittal Requirements for One- and Two-Family Dwellings -  
Applicable to Industrialized/Modular Buildings

The Department of Housing and Community Development (the Department) issued a Memorandum regarding sprinkler design submittal requirements applicable to one- and two-family dwellings on October 03, 2012. The document prescribed sprinkler design requirements for three different scenarios which mainly are related to how a fire sprinkler system is installed in an industrialized/modular building. The three scenarios include

- (i) The sprinkler system is completely installed at the building site
- (ii) The sprinkler system is installed partially at the manufacturing plant, and
- (iii) The sprinkler system is completely installed at the manufacturing plant.

While the requirements for (ii) and (iii) remain the same, the submittal requirements for (i) are hereby changed as the following:

- (a) Review and approval of a building design package is separated from that of a sprinkler design package.
- (b) A set of construction documents (building only, not including sprinkler) for the proposed industrialized building is submitted to the Department by an ATF after the ATF has reviewed and approved the construction documents.
- (c) Sprinkler design information is not required at step (b).
- (d) After the Department reviews and finds the documents comply with all required standards, the Department will issue a partial approval letter to the manufacturer.
- (e) A manufacturer may start constructing the building after the partial approval letter from the Department is obtained. The ATF for this manufacturer should conduct inspection of the building, as required by Maryland's regulations, based on the Department-approved documents.
- (f) Maryland insignias should not be attached to the completed building until all following conditions are met:
  - Complete sprinkler system design information has been submitted to the ATF for review and approval.





Maryland Department of Housing  
and Community Development

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- The Department has received ATF-approved sprinkler design documents , and has reviewed and approved such documents.
  - The Department has issued a final approval letter to the manufacturer, which states both the building and sprinkler design have been approved.
  - The ATF is held responsible for verifying a final approval letter from the Department has been obtained before attaching Maryland insignias to the completed/inspected building.
- (g) The construction documents and the data plate for this building shall include a note indicating the fire sprinkler system will be completely installed at site and the ATF has approved the design of the fire sprinkler system.
- (h) All fire sprinkler system work performed on site in Maryland must be done by a Maryland licensed sprinkler contractor/installer.
- (i) The manufacturer shall submit proof of fire sprinkler system passing inspection conducted by a local authority having jurisdiction. Evidence of complying with this requirement may be used in granting annual renewal application of the manufacturer.

