


WEST MANATEE FIRE DISTRICT WWW.WMFR.ORG		 Bureau of Fire & Life Safety		
Subject Zone/Device Maps for Fire Alarm Systems	Bulletin # EnFA-1	SECTION Engineering	PAGE 1 of 2	EFFECTIVE DATE 01/01/2022
		PREPARED BY: Office of the Fire Marshal		Revision Date N/A

1.0 **Purpose**

To establish a procedure governing the uniformity of fire alarm system and sprinkler system zone/device maps. The Purpose of these zone/device maps is to enable responding emergency personnel to identify the location of the emergency quickly and accurately and to indicate the status of emergency equipment or fire safety functions.

2.0 **Goal**

To provide consistent Zone/Device Maps from each fire alarm contractor and expedite emergency personnel operations.

3.0 **Organization(s) Affected**

All occupancies with a fire alarm system and/or sprinkler system within West Manatee Fire & Rescue District. All fire and sprinkler contractors doing business within the West Manatee Fire & Rescue District.

4.0 **References**

Current adopted editions of Florida Fire Prevention Code, NFPA 72 National Fire Alarm Code, NFPA 13 Standard for the Installation of Sprinkler Systems.

5.0 **Definitions**

The requirements of a Zone/Device Map shall be as follows (5.0, 5.1, 5.2):

1. Zone/Device Maps shall be located at each fire alarm control panel (FACP.)
2. Zone/Device Maps shall be mounted on the wall withing five (5) feet of the FACP or, if applicable, within five (5) feet of the remote annunciator and five (5) feet above finished floor measured to the centerline.
3. Zone/Device Maps shall be framed

4. Zone/Device Maps shall be protected. (i.e. lamination, glass or plastic)
5. Size of Zone Map shall be a minimum size of 8.5" x 11" for buildings 5,000 sq. ft. or smaller, 11" x 17" for buildings 5,001-10,000 sq. ft., and 22" x 24" for buildings 10,000+ sq. ft.
6. Zone Maps must be updated to reflect current building layouts after rehabilitations or any other construction that changes the building layout and device placement.

5.1 Items that shall be included on the Zone/Device Map:

1. Name of building or business
2. Address of building or business
3. North arrow
4. Fire alarm symbol legend
5. Date when Zone/Device map was installed
6. Segregation lines, hash marks or shading to show where one (1) zone stops and another zone begins. Fire alarm system notification zones should correlate with building smoke and fire zones. (Not required on addressable FACP's.)
7. "You are here" symbol to orient fire personnel with their location inside the building.
8. Room numbers/names (particularly electrical rooms, kitchens, break rooms and riser rooms), layout of major interior and exterior walls and area names (i.e. fabrication area, storage area, accounting area, etc.)
9. Point identification for each initiating device that matches what is shown on FACP and device.

5.2 Requirements for color coding fire alarm symbols.

1. Manual fire alarm pull stations shall be colored in **RED**.
2. Water flow switches shall be colored in **DARK BLUE**.
3. Smoke Detectors shall be colored in **PINK**.
4. Duct Detectors shall be colored in **PURPLE**.
5. Heat Detectors shall be colored in **ORANGE**.
6. Beam Smoke Detectors shall be colored in **BROWN**.
7. Fire Alarm Control Panels and Remote Annunciators shall be colored in **RED**.
8. Tamper Switches, High & Low Pressure Switches shall be colored in **CYAN** (light blue.)
9. Fire Dampers shall be colored in **YELLOW**.