WEST MANATEE FIRE & RESCUE DISTRICT *701 63rd St W. Bradenton, FL 34209*		Bureau of Fire & Life Safety			
Subject Zone Maps for Fire Alarm Systems		Bulletin # EnFA-1	SECTION Engineering	PAGE 1 of 2	EFFECTIVE DATE 1-1-2022
		www.wmfr.org			Revision Date

1.0   **Purpose**

To establish a procedure governing the uniformity of fire alarm system and sprinkler system zone maps. The Purpose of these zone 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 Maps from each fire alarm contractor and expedite emergency personnel operations

3.0   **Organization(s) Affected**

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

4.0   **References**

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

5.0   **Requirements**

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

1. Zone Maps shall be located at each fire alarm control panel {FACP), and {if applicable) at each remote annunciator.

2. Zone Maps shall be mounted on the wall within 5' of the FACP and {if applicable), the remote annunciator.
3. Zone Maps shall be framed
4. Zone Maps shall be protected. {e.g., 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 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 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 {e.g., 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.