



City of Marco Island

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## **DEPARTMENT OF FIRE PREVENTION**

1280 San Marco Rd.  
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### **FIRE ALARM SYSTEM SPRINKLER MONITORING**

# **PLAN CHECKLIST**

**(For Plan Design Review)**

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# City of Marco Island “Fire Alarm System Sprinkler Monitoring Checklist for Plan and Submittal Review”

The following is intended to assist the engineer and/or installing contractor in designing and submitting for review - a “code compliant” - fire alarm sprinkler monitoring system. This document in no way details all of the requirements that may be necessary for a complete code compliant system.

**Note:** Systems shall be designed in accordance with the codes and standards adopted in Rule Chapter 69A-60 The Florida Fire Prevention Code, NFPA 1 (the Florida specific version, NFPA 101 the Florida specific version, NFPA 72

- YES NO            1.     Has the **project name** been identified?
  
- YES NO            2.     Has a very thorough and detailed **Scope of Work** been provided? Does it include information regarding all existing system panels and components and all new components to be installed?
  
- YES NO            3.     Will this be a **Remote Supervising Station** system in accordance with NFPA 72?
  
- YES NO            4.     Will this be a **Proprietary Supervising Station** system in accordance with NFPA 72?
  
- YES NO            5.     Will this be a **Central Station Service** system in accordance with NFPA 72?
  
- YES NO            6.     Has a **Site Plan** been provided?
  
- YES NO            7.     Have **shop drawings** been provided reflecting the locations of the fire alarm control panel (FACP), the smoke detector above the panel (if FACP is in an enclosed conditioned air space, the NEMA 4 enclosure with air-conditioner (if FACP is located outside), the manual pull-station (is it in an unobstructed location, accessible to the public and located where required by

the local authority having jurisdiction), the exterior audio/visual device(s) (located as required in Policy & Procedure Article FAL01-01), the flow switch, the tamper switches for the riser, post-indicating valve and the double detector check valves, and surge protection on the power supply, and the circuits entering or exiting the building.

YES  NO

8. If a double detector check valve (**DDCV**) serves more than one building - where each of these buildings has its own FACP – is it understood that EACH respective FACP shall monitor the DDCV tamper switches?

YES  NO

9. Has a **Wire Legend** been provided?

YES  NO

10. Has a **Wire Burial Detail** been provided?

YES  NO

11. Has a **Sequence of Operations** been provided indicating the specific conditions being supervised, as well as detailed actions taken for trouble, supervisory and alarm conditions?

YES  NO

12. Have **specification sheets** been provided for each initiating device, each notification appliance, each type of wire, the FACP, the battery, the surge suppressors (for 120 power, and circuits entering/exiting the building), and any other component of the fire alarm system?

YES  NO

13. Is FACP in **conditioned air** space?

YES  NO

14. Is it indicated on the plans that “primary power” connections comply with NFPA 72?  
**(i.e. dedicated branch circuit which is mechanically protected, circuit disconnect means marked in red – accessible to authorized personnel only – and identified as FIRE ALARM CIRCUIT, location of circuit disconnecting means identified at FACU, and overcurrent protection provided.)** {NOTE: This shall include air conditioning units (such as “window-shakers” or the self-contained units in the NEMA Type IV enclosures) specifically installed to supply artificial conditioning to the space occupied by the FACU in order for FACU to meet the operating parameters of 4.4.4.1}

YES  NO

15. Do the **battery calculations** provide for the required capacities of a Remote Supervising Station system, Central Station Service

