David R Cochran *Fire Chief* 



John Beck *Fire Marshal* 

Effective Date: 3/18/2024

# **Fire Alarms**

In order to streamline our process and reduce the number of plans which must be placed on hold for procedural issues, please refer to this information sheet.

### **Standards and Codes:**

All plans must reference the specific codes and standards which are relevant to the project.

## **Example for Fire Alarm Systems**:

"Work will be performed in accordance with the latest edition of All Applicable Codes and Standards" **Plan will be placed on <u>HOLD</u>**.

"Codes and Standards: 2018 International Fire Code, 2018 Northern Nevada IFC Amendments and NFPA 72, 2019 or 2022 Edition"

Plan Review will proceed.

### NICET requirement.

Fire Alarm Plans and Fire Suppression System Plans require a minimum Level II NICET stamp or a professional engineer's stamp (NAC 477.300) from the submitting company. Stamps must be current and all systems must be installed by a licensed contractor.

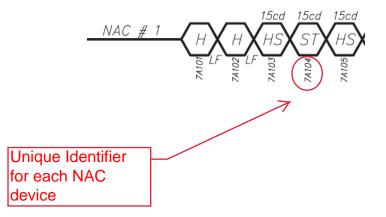
### Fire Alarm Battery Calculations.

Cut sheets must call out the current draw values for their corresponding devices by highlighting those values in yellow. Those values must match the values entered into the corresponding calculation tables.

All sections of the RFD battery calculation worksheet must be completed. In addition to contractor worksheets, *this worksheet must be uploaded to the Accela system as a single document labeled as "System Battery Calculations"*.

### **Device Identification:**

Devices must have *unique identifiers* which are reflected on the line diagram, the drawing and the battery calculations as shown.



All highlighted areas must be	complete					
Project Name:						
Project Address:						
Project Description:						
FACP or Booster Designation:						
Total Number of NAC devices:						
		Standby Current	Total Standby	Current in Ah	Total	
Standby Time:		24 Hours	X 24			Standby Ah
Alarm Time:		5 Minutes	X.08333			Alarm Ah
Voice System Alarm Time:		15 Minutes	X .25			Alarm Ah
		Battery Safety Margin	(20% minimum)			Ah
		Minimum Battery Required				Ah
		Batteries Supplied (indicate number and Ah)				Ah