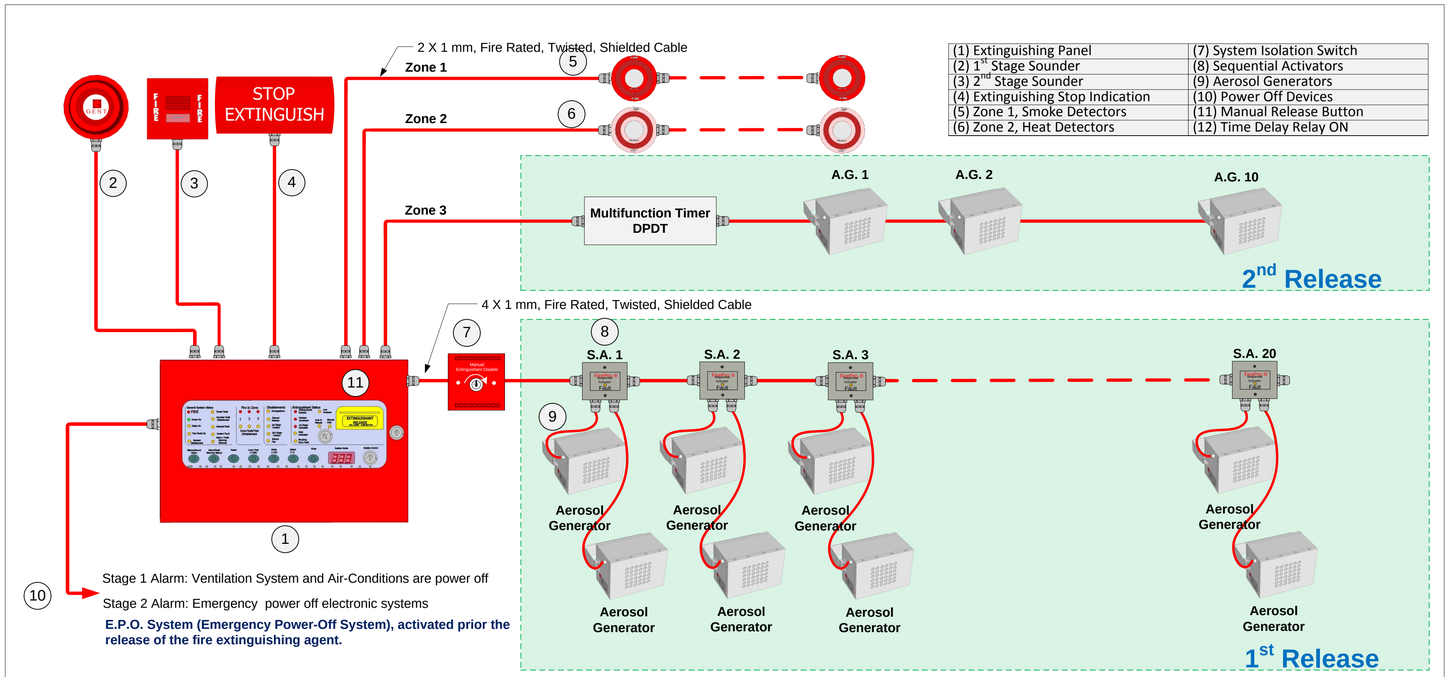
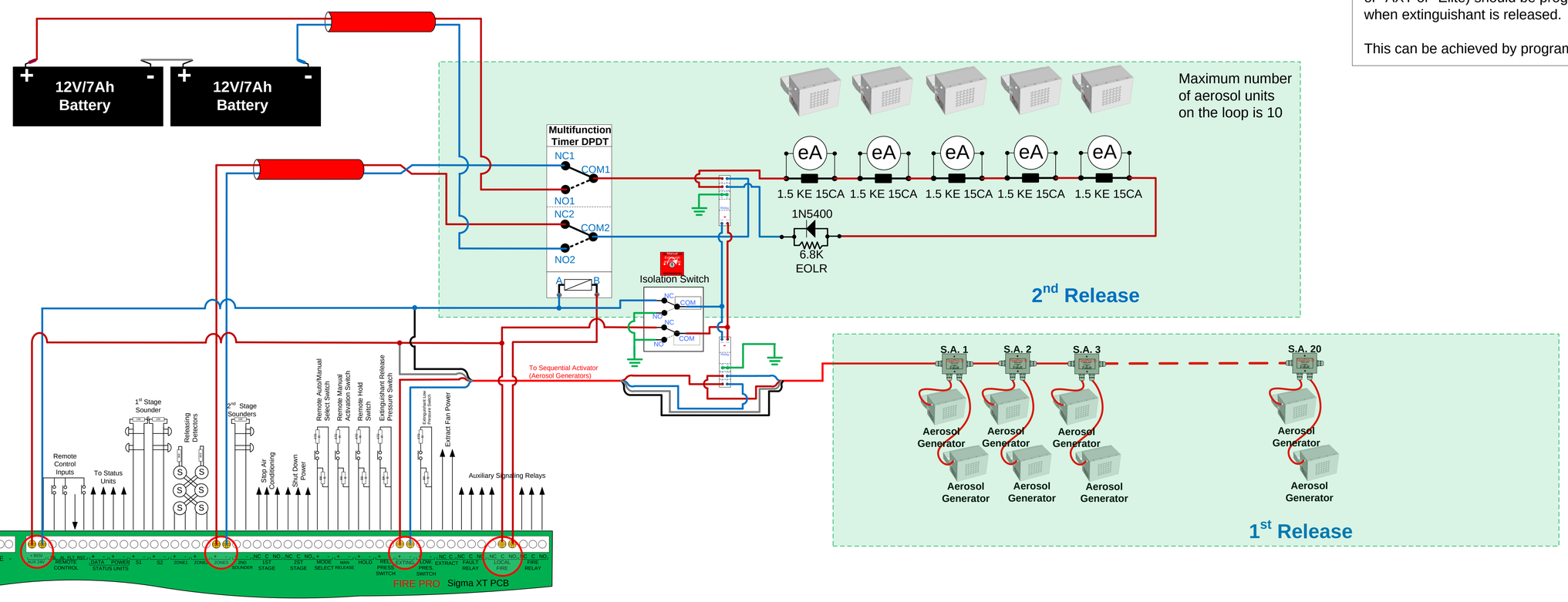
Designing an extinguishing system
With FirePro Aerosol Generators

Master/Slave Panel Configuration (EN)
Indicative System Diagram



(1) Extinguishing Panel	(7) System Isolation Switch
(2) 1st Stage Sounder	(8) Sequential Activators
(3) 2nd Stage Sounder	(9) Aerosol Generators
(4) Extinguishing Stop Indication	(10) Power Off Devices
(5) Zone 1, Smoke Detectors	(11) Manual Release Button
(6) Zone 2, Heat Detectors	(12) Time Delay Relay ON

Fire Fighting System design with 1st and 2nd discharge of Condensed Aerosol fire extinguishing agent



Multifunction Timer DPDT



Bidirectional transient diode,1.5 KE 15CA

Diode,1N5400, Output Current (3A)

eA

Electrical Actuator of the Aerosol Generator

Note:

1) The Multifunction Timer should be programmed to be activated (in Xn minutes after the first release), according to the leakage calculations.

2) The **LOCAL FIRE** relay of the Sigma Series panels (-XT or -AXT or -Elite) should be programmed to operates only when extinguishant is released.

This can be achieved by programming the address C2A.

NOTES - DISCLAIMER:

1. Any information provided by FirePro Systems, relevant to the design and application of the project is solely for guidance purposes and can be considered as such only.

2. The responsibility to produce the actual design documentation, such as construction and as-built drawings, circuit diagrams, specifications etc., falls within the scope of the contractor responsible for the installation and commissioning (and certification if applicable) of the project. It is therefore, the contractor's sole responsibility to ensure that all applicable National, International and local standards, laws and regulations are followed and applied.

3. Any cable sizes shown on FirePro documentation are purely indicative, since actual cable sizes can vary, depending on actual cable lengths (project specific) and respective voltage drop calculations, which do not fall within scope of FirePro Systems.