## (1) Fire Alarm & Extinguishing Panel Designing an extinguishing system (2) 1st Stage Sounder (Bell) With FirePro Aerosol Generators (3) 2nd Stage Sounder/Beacon (Horn/Strobe) **Indicative System Diagram** (4) Gas Release Sign (5) Zone 1, Conventional Smoke Detectors (6) Zone 2, Conventional Heat Detectors (RoR) (7) System Isolation Switch (8) Sequential Activators (9) Condensed Aerosol Generators (10) Power Off Devices 2 X 1 mm<sup>2</sup>, Fire Resistant Rated, Twisted, Shielded Cable (3) (11) Manual Release Button (12) External Manual Release Switch (optional) 5 (13) Abort Button (Extinguishant Hold Off) **Detection Zone 1** x Nos. Smoke Detectors **Detection Zone 2** x Nos. Heat Detectors (RoR) 4 X 1 mm<sup>2</sup>, Fire Resistant Rated, Twisted, Shielded Cable (3) Advanced ExGo-3001 S.A. 1 S.A. 2 S.A. 10 2 X 1 mm<sup>2</sup>. Fire Resistant Rated. <sup>′</sup>13<sup>′</sup> Twisted, Shielded Cable (3) <sup>^</sup>12 FP-xxxx FP-xxxx FP-xxxx FP-xxxx FP-xxxx FP-xxxx An E.P.O. System (Emergency Power-Off System) should be installed and activated prior the release of the fire (10) extinguishing agent. Stage 1 Alarm: Ventilation System and Air-Conditioning to be powered off Stage 2 Alarm: Emergency power off of all electronic & FP-xxxx FP-xxxx FP-xxxx FP-xxxx FP-xxxx FP-xxxx electrical equipment

## **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.