1. GENERAL

1.01 SECTION INCLUDES

.1 Fire alarm interfaces to other systems.

1.02 RELATED REQUIREMENTS

.1 Section 26 32 13.13 – Diesel-Engine-Driven Generator Sets.

.2 Section 26 32 13.16 – Gas-Engine-Driven Generator Sets.

.3 Section 26 09 23 – Lighting Control Devices.

.4 Section 27 41 00 – Audio-Video Systems.

.5 Section 27 51 16 – Public Address Systems.

.6 Section 27 51 19 – Sound Masking Systems.

1.03 REFERENCES

.1 Ontario Building Code.

.2 CSA C282:19, Emergency Power Supply for Buildings.

1.04 SUBMITTALS

.1 Submit under provisions of Section 01 33 00.

.2 Product Data: Manufacturer's data sheets on each product to be used, including:

.1 Preparation instructions and recommendations.

.2 Storage and handling requirements and recommendations.

.3 Installation methods.

.3 Operating and Maintenance Data: Include operating, troubleshooting, maintenance, and repair instructions for each item, with lists of spare parts, if any, and name, address, and phone number of local stocking distributors.

1.05 MAINTENANCE MATERIAL SUBMITTALS

.1 Extra Stock Materials:

.1 Provide (supply and install) an additional [five] of each door hold open device as directed during construction.

.2 Turn over unused surplus in addition as spare parts.

.2 Tools:

.1 Supply three of each type of any special tools required for system use and maintenance.

1.06 QUALITY ASSURANCE

.1 Installer Qualifications: experienced door hardware installer.

1.07 DELIVERY, STORAGE, AND HANDLING

.1 Store products in manufacturer's unopened packaging until ready for installation.

1.08 WARRANTY

.1 Provide manufacturer's standard warranties:

.1 Magnets: Lifetime warranty.

2. PRODUCTS

2.01 SYSTEM INTERFACES

.1 Emergency Power Systems:

.1 N/A

.2 Provide relays to interface with the following systems upon fire alarm signal:

.1 [Lighting Controls]: activate lighting to full brightness lighting upon alarm.

.2 [Audio-Video Systems] [Sound Masking] [Public Address]: deactivate sound systems upon fire alarm.

3. EXECUTION

3.01 EXAMINATION

.1 Do not begin installation until substrates have been properly prepared.

.2 If substrate preparation is the responsibility of another installer, notify Consultant of unsatisfactory preparation before proceeding.

3.02 PREPARATION

.1 Clean surfaces thoroughly prior to installation.

.2 Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.03 INSTALLATION

.1 Install in accordance with manufacturer's instructions.

.2 Test for proper operation with building power energized; coordinate with start-up procedures of other installers.

3.04 SITE TESTS AND INSPECTIONS

.1 Perform functional test in accordance with CAN/ULC-S1001 and Section 28 08 46 to confirm that systems operate as described. Perform test in the presence of the Contractor, sub-trades, Consultant, and applicable vendors.

3.05 PROTECTION

.1 Protect installed products until completion of project.

.2 Repair or replace damaged products before Substantial Performance.

.3 Three bound copies which summarize the training instruction shall be submitted to the Owner for future reference.

End of Section