



PROJECT HIGHLIGHT:

Echelon Seaport, Parcel M Boston, MA

LARGE COMPLEX PROJECTS AND LASTING PARTNERSHIPS

Communication and coordination are two of the most important aspects when carrying out large construction projects of any kind. Within a fire alarm and life safety system installation those two key details carry on from the design phase to final commissioning. Working with other organizations that you've developed a lasting partnership, who understand your needs and how you operate can make or break the success of a project.



When J&M Brown was awarded the project of the Echelon Seaport, Parcel M build in Boston, MA it was no question they were bringing Space Age Electronics into the fray with them.

Recently completed this project features three 25 story residential towers with three levels of underground parking. The fire alarm system, provided by Fire Command Systems of Saugus, MA was comprised of 13 fire alarm nodes, 15 fire alarm transponders, 80 strobe boosters and approximately 19,000 fire alarm devices in total. Additionally, there are three graphic smoke control panels and three graphic smoke removal panels spread throughout each of the three individual towers' large fire command rooms for during and post fire event use.

THE CHALLENGE

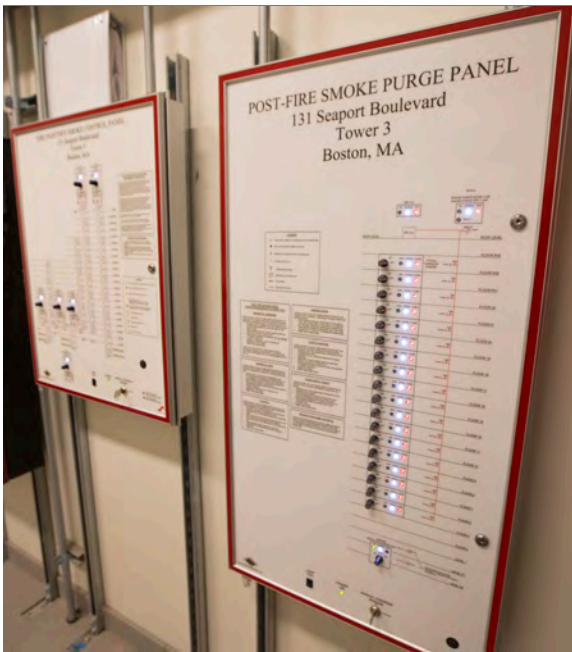
The challenges of coordinating a full system install on a project like this go far beyond the day to day logistics of pulling wire and placing components. In order to provide a clean, consistent, and code compliant solution from the design phase to construction sign off of this project, J&M Brown had to develop project standards that make all the difference in the end result.

Providing unique standard solutions as well as a wide range of custom manufacturing capabilities, Space Age Electronics was able to assist in the success of this project throughout many phases of the installation process.

“ For over 30 years J&M Brown Company, Inc and Space Age Electronics have been business partners. Through all of these years J&M Brown has relied on Space Age to offer creative solutions for many different installation challenges we have encountered. On countless occasions we have approached SAE to develop and build specific installation solutions for our project needs. Many of these solutions have become standard products offered by SAE.

In addition to these creative solutions we rely on SAE for all of our smoke control and smoke removal controls for projects we are working on. From the initial engineer's conceptual drawings to final drafts of the controls to be built, the process of working with SAE is seamless.”

Paul Healey - J&M Brown Company



SOLUTIONS PROVIDED

- Smoke Control & Smoke Removal Panels
- Fire Alarm Document Storage Solutions
- Fire Alarm Terminal Cabinets
- Printer Shelves for FA Printers
- UL864 Listed Enclosures for FSD controls
- 120V Surge Protection for FA Panels
- Low Voltage Surge for SLC/NAC circuits

CODE COMPLIANT SOLUTIONS

When completing any fire alarm project, code compliance is the priority. Whether it be national codes and standards, or local specific requirements by the AHJ on site, Space Age Electronics provides numerous solutions for satisfying both sets of standards. All solutions provided adhered to the following industry codes:

- NFPA 72
- IBC
- UL



THE SOLUTION

Accuracy and quality are the result of good coordination and communication. From the very beginning of the project it was important for J&M Brown to work closely with SAE to confirm counts of standard equipment needed throughout the entire build as well as convey early design details on items like the smoke control panels so the proper time could be put in creating submittal documents for review.

Overall, utilizing Space Age Electronics' solutions as a whole on any project is a design to install benefit due to the nature of how every product works in conjunction with the next, on paper or in the field. From the function of the smoke control panels to the terminal cabinets that provide labeled junction points in the field wiring out to the fan and damper control devices, the surge protection keeping all of the system components safe from transient voltage and the thought out documentation storage for ease of records when needing to do tests and inspections.

Even details down to branding aren't overlooked. On enclosures, panels and cover plates that are installed the J&M Brown logo is applied in the manufacturing process at the SAE facilities. It's easy to see why a company like J&M Brown would partner with SAE and utilize the solutions to create standards that set them above the competition and further build their brand.

"If you are looking for a business partner to offer your company these types of creative installation solutions, SAE should be your choice."

- Paul Healey, J&M Brown Company

www.1sae.com | toll free 1.800.486.1723 | fax 508.485.4740

© Copyright 2020 Space Age Electronics, Inc.

This document subject to change without notice