

SECTION 28 31 12 FIRE ALARM SYSTEM

PART 1 GENERAL

1.1 SYSTEM

Provide a system with the following characteristics:

- A. Actuation of any alarm initiation device shall automatically initiate the following:
 - 1. All audible alarm signals to sound and all visual alarm signals to flash continuously; because a red LED to indicate the active zone on the building annunciator.
 - 2. Activate cut-off signals to the mechanical control equipment; to release all magnetically held smoke doors, and to report the alarm to the remote Central Station.
- B. The general alarm devices may be silenced only by authorized personnel.
- C. Component or system trouble shall be indicated by the visual and audible trouble signal, which may also be silenced.
- D. Provide accessories or features as indicated on the plans.
- E. Provide start up testing. See Section 260126.
- F. System shall comply with ADA requirements.

1.2 MANUFACTURER

- A. The equipment shall be Notifier or approved equal.

1.3 SUBMITTALS

- A. Submittal data for the Fire Alarm System shall consist of plans, risers and catalog cuts showing technical data necessary to evaluate the system.

1.4 MAINTENANCE MANUALS

- A. Maintenance manuals shall be submitted in accordance with Section 013300.

1.5 TESTING

Testing shall conform to Section 260126.

PART 2 - PRODUCTS

2.1 REMOTE DEVICES

- A. Alarm Signals shall be Speaker/Strobe or strobe as shown on plans equipped with Xenon Strobe with an output of 110 candella-seconds and the word "FIRE" hot stamped in red on the vandal resistant polycarbonate lens. Each Horn shall be constructed of die-cast zinc, finished in red enamel, and have a minimum output rating of 93 DBA at 10'.

3.0 EXECUTION

3.1 INSTALLATION

- A. Provide all equipment, wiring, conduit and outlet boxes required for a complete and operating system in accordance with the manufacturer's recommendations.
- B. The manufacturer's authorized representative shall activate the system after performing a complete functional test of the system and submitting a written report to the owner attesting to its proper operation.

END OF SECTION 283112