

1. GENERAL

- .1 Existing fire alarm system is Simplex.

1.2 SUMMARY

- .1 This section covers the additional required devices as indicated on the drawings.
- .2 Work covered by the section includes the furnishing of labour, equipment, and materials for installation of the additional devices as indicated on the drawings.

1.3 ACCEPTABLE MANUFACTURERS

- .1 To match existing.

1.4 RELATED DOCUMENTS

- .1 Drawings and general provisions of the contract, including general and supplementary conditions and Division 1 specification sections apply to this section.
- .2 The work covered by this section is to be coordinated with related work as specified elsewhere in the specifications. Requirements of the following sections apply.
 - .1 Electrical General Requirements Section 26 05 00
 - .2 Wires and Cables, 0-1000 V Section 26 05 21
 - .3 Outlet Boxes, Conduit Boxes & Fittings Section 26 05 32
 - .4 Conduits, Conduit Fastenings & Conduit Fittings Section 26 05 34
- .3 The system and all associated operations shall be in accordance with the following:
 - .1 National Building Code, 2010.
 - .2 National Fire Code, 2010.
 - .3 NFPA 72, National Fire Alarm Code.
 - .4 CAN/ULC-S524, Standard for the Installation of Fire Alarm Systems.
 - .5 CAN/ULC-S536 Inspection and Testing of Fire Alarm System
 - .6 CAN/ULC-S537 Verification of Fire Alarm Systems

.7 CSA C22.1, Canadian Electrical Code, Part I.

.8 Local Jurisdictional Adopted Codes and Standards.

1.5 SYSTEM DESCRIPTION

.1 Audible/visible Alarm Notification: By horns and strobes to match existing in areas as indicated on drawings.

2. PRODUCTS

2.1 NON-ADDRESSABLE ALARM-NOTIFICATION APPLIANCES

.1 Audible/Visible: To match existing

3. EXECUTION

3.1 INSTALLATION, GENERAL

.1 Install devices in accordance with applicable NFPA standards and manufacturer's recommendations.

3.2 WIRING INSTALLATION

.1 Reuse existing wire and conduit where applicable.

3.3 FIELD QUALITY CONTROL

.1 Horn test: Ensure that audibility testing is done as per NBC 3.2.4.18.

3.4 CLEANING AND ADJUSTING

.1 Cleaning: Remove paint splatters and other spots, dirt, and debris. Clean unit internally using methods and materials recommended by manufacturer.

END OF SECTION