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**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                    |

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.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**