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SECTION 281643 - PERIMETER SECURITY SYSTEMS

1.1 SUMMARY

- A. Perimeter protection with detecting systems integrated into a single perimeter detection and alarm system.
- B. System Description:
 - 1. System Control: [**Central-station control unit directly monitors detection devices**] [**Remote, addressable control units operate in multiplexed distributed system**].
 - 2. Timed control of central-station control unit.
 - 3. Automatic control of [**lights**] [**intercommunication stations**] [**sound system**] [**and**] [**closed-circuit television cameras**].
 - 4. Printed record of events.
 - 5. Circuit supervision.
 - 6. Secure-Access Control: [**Programmable**] [**Manual**].

1.2 QUALITY ASSURANCE

- A. FMG approved and labeled.

1.3 WARRANTY

Retain this Article for special warranties. Verify length of warranty period with manufacturers.

- A. Materials and Workmanship: [**Two**] <Insert number> years.

1.4 COMPONENTS

- A. Power Continuity for Central-Station Control Unit[**and Controllers**]: Rechargeable, recombinant, lead-acid type batteries; with battery charger.
- B. Secure and Access Devices: [**Keypad and display module**] [**Key-operated switch**].
- C. Detectors: [**Strain-sensitive cable for chain-link-type and welded-mesh-type fences**] [**microwave intrusion detectors**] [**electrostatic field with field generator and sensing wires**] [**buried, ported coaxial cable**] [**long-range PIR detectors**] [**geophone fence detectors**] [**video motion sensors**] [**and**] [**gate units**].
- D. Controllers: Field mounted, with [**UPS-type**] battery backup.

- E. Central-Station Control Unit:
 - 1. Hardware: Microprocessor type with UPS.
 - 2. Software: System access control, alarm monitoring, system test, and report generator.
- F. Audible and Visual Alarm Devices: **[Bell]** **[Siren]** **[Klaxon]****[and strobe]**.

1.5 FIELD QUALITY CONTROL

- A. Testing: By **[Owner-engaged agency]** **[Contractor-engaged agency]** **[Contractor]**.

END OF SECTION 281643