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264113 - Lightning Protection for Structures

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SECTION 26 4113 – LIGHTNING PROTECTION FOR STRUCTURES

- 1.1 See Chapter 5, Division 01, Section 017700.1.1.B.1.i Closeout Procedures - Project Record Documents for equipment list requirements for all equipment provided in this section.
- 1.2 All buildings shall be surveyed for need for lightning protection, and where necessary shall be protected.
- 1.3 Where lightning protection is specified, all materials and equipment and the arrangement of the system must be in compliance with the manufacturer's "Installation Requirements" for "Early Streamer Emission Lightning Protection System."
- 1.4 The following items of work are specifically included in, but not necessarily limited to, the work of this system:
 - A. ESE lightning protection air terminal.
 - B. Mast, complete with base and supports.
 - C. Down conductors.
 - D. Ground ring.
 - E. Conductors.
 - F. Transient Voltage Surge Suppression.
- 1.5 All buildings of steel construction shall have all steel adequately bonded together and grounded.
- 1.6 All steel fences shall be grounded. Long fences shall be grounded every 100 yards and be physically separated every 400 yards with at least a 1-1/2 inch gap between metal parts. Fence grounds shall not be installed at gaps.

END OF SECTION 26 4113