
PART 1 GENERAL**1.1 SUMMARY**

- A. Section Includes:
1. Lighting Pylon Pole.
 2. Lighting Pylon Light Fixture.
 3. Lighting Pylon Camera.
 4. Lighting Pylon Speaker.
 5. Lighting Pylon Power Service.

1.2 REFERENCES

- A. ASTM — ASTM International:
1. C 881 — Specification for Epoxy-Resin-Base Bonding Systems for Concrete.
 2. D 1557 — Test Method for Laboratory Compaction Characteristics of Soil Using Modified Effort.
 3. F 593 — Specification for Stainless Steel Bolts, Hex Cap Screws, and Studs.
 4. F 594 — Specification for Stainless Steel Nuts.

1.3 DEFINITIONS

- A. Acceptance, Acceptable, or Accepted: Acceptance by the Owner Representative in writing.

1.4 SUBMITTALS

- A. General Requirements: Refer to Division 1.
- B. Samples:
1. Full Scale Functioning Mock Up pole with all fixtures, including Camera, Speaker, Power Receptacle and Door Latch.
- C. Manufacturer's Current Printed Instructions:
1. Manufacturer's Cleaning Instructions.
 2. Manufacturer's Installation Instructions.

1.5 QUALITY ASSURANCE:

- A. Regulatory Requirements:
1. Meet requirements of applicable laws, codes, and regulations required by authorities having jurisdiction over such Work.
 2. Provide for inspections and permits required by Federal, State and local authorities in furnishing, transporting, and installing materials.
- B. Shop Drawings:
1. Submit Shop Drawings of manufactured units and fabricated items for acceptance prior to fabrication.
 2. Show shop and erection details including dimensions, sizes, thicknesses, gauges, finishes, joining, attachments, holes, welds, bolts, screws, elevations, and relationship of work to adjoining construction, including finished soil grades and finished paving surfaces.
 3. Where welded connectors, concrete, or masonry inserts are required to receive Work, show exact locations required.
 4. Where items must fit and coordinate with finished surfaces and/or constructed spaces, take measurements at site and not from Drawings.
 5. Indicate welded connections using standard AWS A2.4 welding symbols.
 6. Furnish accepted Shop Drawings to the trades responsible for installing the connectors or inserts.
 7. Provide full engineering calculations for all fabricated items.

- C. Samples:
 - 1. One entire pole indicating the camera receptacle and locking hatch. Submit shop drawing of mock-up prior to fabrication for review and approval. Submit sample for review and approval.

1.6 WARRANTY

- A. General Description: Refer to Division 1.
- B. Additional Items Covered: Warranty shall also cover repair of damage to other materials and workmanship resulting from defects in materials and workmanship.
- C. Exceptions: Contractor shall not be held responsible for failures due to normal wear, abuse or neglect by Others, vandalism and other causes outside the Contractor's control.

1.7 MAINTENANCE

- A. Extra Pylons:
 - 1. Provide to the Owner: 2 pylons.
 - 2. Deliver extra pylons to a as designated by the Owner's Designated Representative.

PART 2 PRODUCTS

2.1 MANUFACTURERS,SUPPLIERS OR RELATED SECTIONS

- A. Stainless Steel Pole:
 - 1. Selux, Highland, NY; www.selux.us; or equal.
- B. Light Fixture: See Section 26 06 51 Landscape Light Fixture Schedule.
- C. Camera:
 - 1. See Section 28 23 00 Video Surveillance; or equal.
- D. Speaker: See Section 27 51 16 – Public Address and Paging Systems.
- E. Duplex Receptacle
 - 1. See Section 26 05 33 - Raceways and Boxes.
 - 2. See Section 26 27 26 - Wiring Devices.

2.2 MANUFACTURED UNITS

- A. Pole: Custom fabricated Stainless Steel. Dimensions as shown on Drawings. See Drawings for quantity and sizes.

2.3 MATERIALS

- A. Pole /Pylon: Custom fabricated Type 316, stainless steel.
- B. Threaded Rod: ASTM F 593, Type 316, stainless steel.
- C. Nuts for Threaded Rod: ASTM F 594, Type 316, stainless steel.
- D. Anchor Bolts: As supplied by furniture manufacturer.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verification of Conditions: Examine site and verify that conditions are suitable to receive Work and that no defects or errors are present which would cause defective installation of products or cause latent defects in workmanship and function.
- B. Notification of Unsuitable Conditions: Before proceeding with Work, notify the Owner's Representative in writing of unsuitable conditions.

3.2 PREPARATION

- A. Protection:
 - 1. Use every possible precaution to prevent damage to existing conditions to remain such as structures, utilities, irrigation systems, plant materials and paving on or adjacent to the site of the Work.
 - 2. Provide barricades, fences or other barriers as necessary to protect existing conditions to remain from damage
 - 3. Do not store materials or equipment, permit burning, or operate or park equipment under the branches of existing plants to remain.
 - 4. Submit written notification of conditions damaged during construction to the Owner's Representative immediately.

3.3 INSTALLATION

- A. Lighting Pylon: Install as indicated on the Drawings.

3.4 CLEANING

- A. General: Clean and keep clean until date of Final Completion.

3.5 PROTECTION

- A. Protect Lighting Pylon from damage due to construction Work operations and vandalism until date of Final Completion.

END OF SECTION