

Section 108113
BIRD CONTROL DEVICES

PART 1 – GENERAL

1.1 SUMMARY

- A. This Section includes:
 - a. **Bird-X Bird Wire** to prevent pest birds from landing, perching or roosting wherever the Bird Wire system is applied. It makes surfaces uncomfortable, uninviting and intimidating to pest birds. Bird-X Bird Wire is safe, non-toxic, non-harmful, humane and eco-friendly.

1.2 CONFORMANCE SUBMITTALS

- A. Substitute Products: No substitute products will be accepted.
- B. Product Data: Submit manufacturer's samples, catalog cuts, shop sketches and other descriptive materials.

1.3 CLOSEOUT SUBMITTALS

- A. Maintenance Data

1.4 QUALITY ASSURANCE

- A. Single Source Responsibility: All primary products specified in this section will be supplied by a single manufacturer.
- B. Obtain technical literature from the specified manufacturer, telephone consultation and plan/photograph evaluation.
- C. Utilize labor or Bird-X authorized installers who are certified in Bird-X product installations. Proof of certification is required.

1.5 PRODUCT HANDLING

- A. Protect Bird-X Bird Wire from damage before, during and after installation.
- B. If damage occurs to Bird-X Bird Wire at any time, make all replacements immediately.

1.6 WARRANTY

- A. 5-year minimum warranty against material defects.

PART 2 – PRODUCTS

2.1 ACCEPTABLE MANUFACTURER

- A. **Bird-X, Inc.,**
845 N. Larch St., Suite #2
Elmhurst, IL. 60126
Phone: 800.662.5021
Fax: 312.226.2480
Email: solutions@bird-x.com
www.bird-x.com

2.2 MODEL DESIGNATION

- A. Bird-X, Inc. – Bird Wire

2.3 MATERIAL

- A. **Wire:** 0.45mm 1 x 7 stainless steel wire, coated with U.V. stabilized nylon to 0.7mm diameter.
- B. **Metal hardware:** 316-grade stainless steel (posts, springs, brackets, clamps, bases)
 - 1. Post heights: 3.5", 4.5", 5.5", 6.5" and 8"
- C. **Plastic hardware:** U.V. stabilized polycarbonate (anchor rivets, bases)
- D. **Crimps:** Nickel-plated copper.
- E. **Number of Rows:** As determined by the manufacturer
- F. **Mounting System:** As determined by the manufacturer

2.4 MOUNTING SYSTEMS

- A. Concrete, stone or brick by drilling into substrate: Insert anchor rivet into a hole, 1" deep by ¼" wide. Bird Wire post is then hammered into this fitting.
- B. Steel, sheet metal, concrete, stone or brick with no holes in substrate: Use Bird Wire stick-on bases and Bird-X SSA Adhesive. Please experiment with the stick-on system before doing an entire job. The bond is so powerful it has been known to pull up weaker substrates. Follow bond literature carefully.
- C. Sheet metal with small holes: Use Bird Wire stick-on bases and small self-taping sheet metal screws through screw holes provided in base.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Examine installation area. Notify Owner's Agent of detrimental work conditions.
- B. Do not proceed until conditions are corrected.

3.2 AREA AND SURFACE PREPERATION

- A. Surfaces should be inspected and cleaned before beginning installation.
- B. Remove debris and make repairs as necessary – fallen tree branches, brush, peeling paint, loose parts, rubble, rust, etc.
- C. Use a microbial cleaning agent (Bird-X EVO Cleaner) to clean and remove bird droppings and other residue from surfaces.
- D. Make sure surfaces are dry before installation.
- E. Remove or repair articles that may damage the Bird-X Bird Wire system after installation.

3.3 INSTALLATION

- A. Install Bird-X Bird Wire according to the Bird-X installation instructions. The first row of Bird Wire shall nearly overhang the outer edge of the ledge. This can be accomplished by bending the outer post once it is inserted in the anchor rivets.
- B. Bird Wire shall cover the complete ledge, not just the outer perimeter. Bird Wire shall extend to each corner. Bird Wire is an anti-landing device, not a barrier. No more than 2.5" can be left between rows or

wire, and no more than 5 feet can be left between posts lengthwise along the ledge.

- C. Bird Wire shall be installed in lengths of no more than 10' per section of wire. Every 10' there shall be a spring and termination of the wire section. The next 10' section simply continues from the same post.

3.4 INSPECTION

- A. Visually inspect Bird-X Bird Wire installation for loose wires or other problems related to poor installation or surface preparation.
- B. Make any necessary repairs immediately.