PART 1 – GENERAL

1.1 SUMMARY

A. This Section includes:
   1. **PE-Plus Premium Grade Bird Net** to prevent birds from entering, roosting and nesting in areas where they are unwanted, and prevent damage from droppings and nesting materials.

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: Netting and all parts 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 required.

1.5 PRODUCT HANDLING

A. Protect PE-Plus Premium Grade Bird Net and hardware system from damage before, during and after installation.
B. If damage occurs to PE-Plus Premium Grade Bird Net, make all replacements immediately.

1.6 WARRANTY

A. 10-year minimum warranty against material defects and workmanship for black netting, 3-year minimum warranty for white and stone netting.

PART 2 – PRODUCTS

2.1 ACCEPTABLE MANUFACTURER

A. Bird-X, Inc. (Basis of Design)
   300 N. Oakley Blvd., Chicago, IL  60612
   Phone: 800.662.5021, Fax: 312.226.2480;
   Email: solutions@bird-x.com
   www.bird-x.com
2.2 PRODUCT DESCRIPTION

A. Model Designation:
   1. ¾” PE-Plus Premium Grade Bird Net (NET-PE)

B. Color: Black, White, Stone

2.3 MATERIAL

A. Material: U.V. Stabilized knotted HDPE net. Non-conductive, flame resistant, rot resistant, waterproof, and stable in subzero temperatures.
B. Construction: 12/6 construction – 6 strands of UV protected HDPE yarn, each 0.012 inch in diameter.
C. Sizes: As required
D. Break strength: 52 lbs. per strand
E. ISO 1806 Mesh Strength Test: Peak Load 575 lbs force
F. 24” Wide Span Orthogonal Strength Test: Peak load 575 lbs force
G. Electrical Properties: Non-conductive
H. UV Stability: UV protection system of Hindered Amine Light Stabilizers (HALS), Anti-oxidants and weather resistant pigments formulated exclusively for Bird-X.
I. Thermal Properties: Melting point in excess of 250 degrees F. Flame resistant. Can be heated for short periods of time in excess of 500 degrees F.
J. Flammability: Burns slowly in air. Fine filaments tend to melt and drop away before propagating flame.

2.4 MOUNTING SYSTEMS

A. Hardware: stainless steel recommended for all exterior applications
   1. Corner/Primary Attachments
   2. Intermediate Attachments
   3. Stringing Wire/Cable
   4. Ferrules (Copper or Aluminum)
   5. Turnbuckles
   6. Net Rings

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. Remove existing bird droppings in a safe manner. Large quantities shall be removed and disposed. Work areas shall be cleaned, and repair work shall be done in areas which will be excluded by the PE-plus premium grade Bird Net.
B. Remove or repair articles that may damage the PE-plus premium grade Bird Net after installation.
3.3 INSTALLATION

A. Install as recommended by the manufacturer.
B. Correct mesh sizes shall be specified to ensure exclusion of the correct pest bird.
C. Shall be installed tightly and securely to ensure a long-lasting installation that is visually hard to see.

3.4 INSPECTION

A. Visually inspect PE-plus premium grade Bird Net for poor adherence to mounting surfaces, or other problems related to poor installation or surface preparation.
B. Repair as necessary immediately.