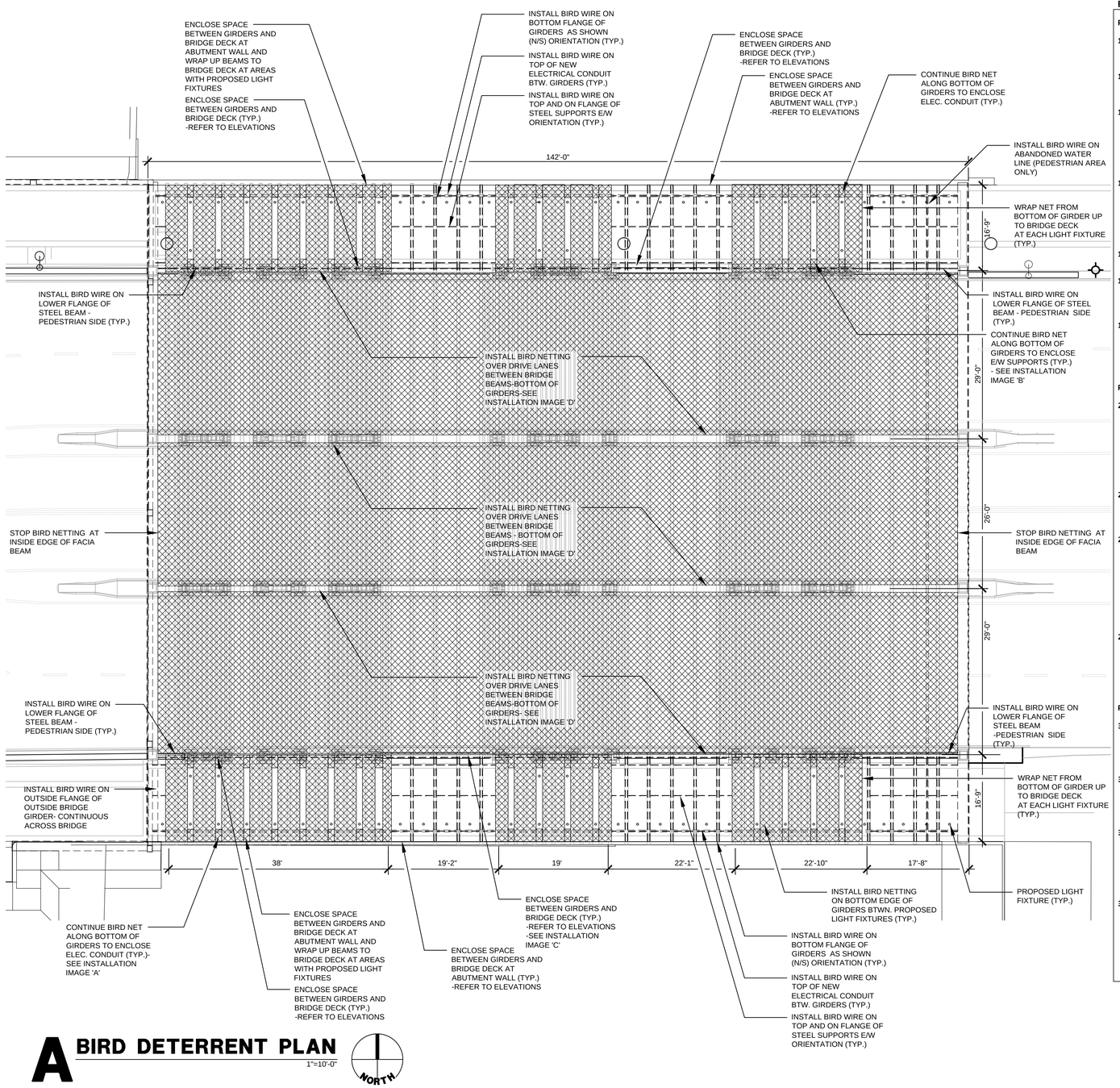

A BIRD DETERRENT PLAN

1"=10'-0"

NORTH

BIRD NET 2000™

PART I - GENERAL

1.1 SYSTEM DESCRIPTION
A. Design Requirements: Select appropriate size net and fastening system as determined by site conditions and mounting surface.

1.2 SUMMARY
A. Provide labor, materials and supervision to install bird control netting to the bridge structure. The bird netting shall stop sparrow, starlings and pigeons from roosting on the bridge structure.

1.3 QUALITY ASSURANCE
A. Obtain all technical information on products and installation from the manufacturer.
B. Utilize labor or Bird-B-Gone Authorized Installers who are knowledgeable in Bird-B-Gone product installations.
C. Installer shall visit the site to gather all information of existing site conditions.
D. Single Source Responsibility: Netting and all parts / accessories of the bird netting shall be from one manufacturer.

1.4 SUBMITTALS
A. Product Data: Submit all descriptive information from the manufacturer including catalogs, installation instructions and other descriptive material.
B. Provide Warranty: Material and installation.
C. Provide Samples: Each type of bird netting used, including proposed fastening methods and hardware.
D. Provide statement by official indicating that they are a certified installation company.

1.5 PRODUCT HANDLING
A. Protect Bird-B-Gone products from damage before, during and after the installation.

1.6 PROJECT CONDITIONS
A. Coordination: Furnish all anchor devices required to fasten system to and around existing building structure. Coordinate installation with existing conditions and within on-site tolerances.
B. Visit site and field measure prior to fabrication and delivery of materials.

1.7 WARRANTY
A. ¾" bird netting shall carry a minimum 10-year guarantee against U.V. breakdown for black netting, 3-year guarantee for white and stone netting.
B. Installation shall be guaranteed for 2 years.
C. Installation shall be performed by a Certified Bird-B-Gone Authorized Installer.
1. Proof of Certification required.

PART2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURER
Manufacturer:
Bird-B-Gone, Inc. (or Architect Approved Equivalent)
Bird Net 2000
15375 Barranca Pkwy #D
Irvine, CA 92618
Tel: 800-392-6915 or 949-472-3122
Fax: 949-472-3116
P.O.C.: Chris Fields

2.2 PRODUCT DESCRIPTION
A. Model Designation:
1. ¾" Heavy Duty 12/6 Bird Net 2000
B. Color: Black

2.3 MATERIAL
A. Material: U.V. stabilized knotted polyethylene net. Flame resistant (270°F melting point). Rot-proof, non-conductive and stable in sub zero temperatures.
B. Construction: 12/6 Bird Net 2000, comprised of 6 monofilaments, each 12/1000" thick with U.V. stabilizers added. Monofilaments are twisted together to produce a strong twine with 160-200 twists per meter.
C. Break Strength: ISO 1806 / 9001 protocol mesh tested in excess of 40 lbs. Proof of Test Certification Available.
D. Sizes: As required.
E. Hardware: All metal hardware or products are galvanized or stainless steel.

2.4 MOUNTING SYSTEMS
A. Steel I-Beams: For corner attachments, use eye bolts with lock nuts. For intermediate attachments, use the appropriate size Bird-B-Gone girder clips. No powder actuated fire-in-pins may be used on steel portions of the bridge structure.
B. Brick, Concrete and Stone: For corner attachments, use Bird-B-Gone expanding corner net bolts. For intermediate attachments, use one of the following Bird-B-Gone attachments: open or closed net loop, net spike, split pin with anchor rivet or multipurpose cable bracket.

PART 3 - EXECUTION

3.1 EXAMINATION
A. Examine the installation area and note any detrimental or hazardous work conditions. Notify contracting officer or inspector of the detrimental work conditions.
B. Do not proceed with installation until conditions are corrected.

3.2 SURFACE PREPARATION
A. Surface should be thoroughly cleaned and free of bird droppings, nesting materials, rust peeling paint or other debris.
B. Remove or repair articles that may damage Bird Net 2000 after installation, including overhanging foliage, brush and loose parts on the structure.

3.3 INSTALLATION
A. Install Bird Net 2000 as recommended by the manufacturer. Bird Net 2000 shall fit the area to be protected perfectly so pest birds cannot enter the protected area, and so the netting blends with the structure.
B. Bird Net 2000 correct mesh sizes shall be specified to ensure exclusion of the correct pest bird.
C. Bird Net 2000 shall be installed tightly and securely to ensure a long lasting installation that is visually hard to see.

3.4 INSPECTION
A. Visually inspect Bird Net 2000 for any signs of poor installation, including loose screws, fasteners or un-removed debris.
B. Immediately correct and repair as necessary.

BIRD WIRE

PART 1 - GENERAL

1.1 SYSTEM DESCRIPTION
A. Design Requirements: Measure carefully the width of the surface and determine the appropriate mounting system as determined by site conditions and mounting surface.

1.2 SUMMARY
A. Provide labor, materials and supervision to install Bird Wire to the surface of the bridge structure. The bird wire shall stop pigeons, seagulls, and larger birds from landing and roosting on the bridge structure.

1.3 QUALITY ASSURANCE
A. Single Source Responsibility: Furnish products from one manufacturer for entire project.
B. Obtain all technical information from the manufacturer.
C. Utilize labor or Bird-B-Gone Authorized Installers who are knowledgeable in Bird-B-Gone product installations.
D. Installer shall visit the site to gather all information of existing site conditions.

1.4 SUBMITTALS
A. Product Data: Submit all descriptive information from the manufacturer including catalogs, installation instructions and other descriptive material.
B. Provide Warranty: Material and installation.
C. Provide Samples: Each type of hardware, including proposed fastening methods.
D. Provide statement by official indicating that they are a certified installation company.

1.5 PRODUCT HANDLING
A. Protect Bird-B-Gone products from damage before, during and after the installation.

1.6 PROJECT CONDITIONS
A. Coordination: Furnish all anchoring devices required to fasten system to and around existing building structure. Coordinate installation with existing conditions and within on-site tolerances.
B. Visit site and field measure prior to fabrication and delivery of materials.

1.7 WARRANTY
A. Product shall carry a minimum 5-year guarantee against U.V. breakdown.
B. Installation shall be guaranteed for 2 years.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURER

Manufacturer:
Bird-B-Gone, Inc. (or Architect Approved Equivalent)
Bird Wire 2000
15375 Barranca Pkwy #D
Irvine, CA 92618
Tel: 800-392-6915 or 949-472-3122
Fax: 949-472-3116
P.O.C.: Chris Fields

2.2 PRODUCT DESCRIPTION
A. Model Designation: Bird Wire 2000 - Modular Post and Wire System

2.3 MATERIAL
A. Wire: 0.45mm 1 x 7 stainless steel wire, U.V. stabilized clear nylon coated to 0.7mm finished diameter.
B. Crimps: Nickel-plated copper.
C. Metal Hardware: 316-grade stainless steel.
D. Plastic Hardware: High impact U.V. stabilized thermoplastic.
E. Number of Rows: As determined by the manufacturer and based on project conditions.
F. Mounting System: As determined by the manufacturer and based on project conditions.

2.4 MOUNTING SYSTEMS
A. Concrete, Brick or Stone: Insert posts into the appropriate mounting base.
1. Anchor Rivets and Split Pins: Drill into surface. Length of attachments should be comparable with the depth of mounting surface.
2. Stick-on-bases: Use outdoor construction adhesive along with self-tapping screws to secure installation. Adhesive should be allowed to dry overnight.
3. Stainless Steel Base with posts included: Use outdoor construction adhesive along with self-tapping screws to secure installation. Adhesive should be allowed to dry overnight.
B. Steel: Use stick-on bases with an outdoor construction adhesive. Adhesive should be allowed to dry overnight.

PART 3 - EXECUTION

3.1 EXAMINATION
A. Examine the installation area and note any detrimental or hazardous work conditions. Notify contracting officer or inspector of the detrimental work conditions.
B. Do not proceed with the installation until conditions are corrected.

3.2 SURFACE PREPARATION
A. Surface should be thoroughly cleaned and free of bird droppings, nesting materials, rust, peeling paint or other debris.
B. Remove or repair article that may damage Bird Wire 2000 after installation, including overhanging foliage, brush and loose parts on the structure.

3.3 INSTALLATION
A. Install Bird Wire 2000 as recommended by the manufacturer.
B. Bird Wire 2000 should be installed correctly, covering the entire depth of the surface, not just the perimeter.
1. Follow contours and angles closely.
2. Space materials in accordance with manufacturer's recommendations.

3.4 INSPECTION
A. Visually inspect Bird Wire 2000 for any signs of poor installation, including loose screws, fasteners or un-removed debris.
B. Immediately correct and repair as necessary.

PRINTS ISSUED

DATE	PURPOSE	NO.
09.13.17	FOR CONSTRUCTION	

DOUGLAS AVE.-BNSF
RAILROAD UNDERPASS
IMPROVEMENTS
WICHITA, KS

LKArchitecture

Architecture • Engineering • Planning • Interior Design • Landscape Architecture

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Phone (316) 268-0230 Fax: (316) 268-0205
CONTACT: JEFFREY A. BEST, PLA

PROJECT NUMBER:
17145

SHEET TITLE:
BIRD DETERRENT PLAN

SHEET NUMBER:
23