DOUGLAS STANDARD BACKSTOP NETTING SYSTEMS, #66800

SECTION 11 66 00 Athletic Equipment

PART 1 - GENERAL

1.01 **WORK INCLUDED**

A. Provide all equipment and materials, and do all work necessary to furnish and install the athletic equipment, as indicated on the drawings and as specified herein. Athletic equipment shall include, but not be limited to:

1. Douglas Standard Backstop Netting Systems

1.02 **REFERENCES**

A. Comply with applicable requirements of the following standards. Where these standards conflict with other specified requirements, the most restrictive requirements shall govern.

1. National Federation of State High School Associations (NFHS)
2. National Collegiate Athletic Association (NCAA)
3. International Amateur Athletic Association (IAAF)
4. American Sports Builders Association (ASBA)
5. Manufacturers Data and Recommended Installation Requirements

1.03 **SUBMITTALS**

A. Manufacturers Product Data

1. Provide manufacturers product data prior to actual field installation work, for Architects or Owners representatives review.

B. Shop Drawings

1. Provide drawings of the manufacturers recommended installation and foundation requirements prior to actual field installation work, for Architects or Owners representatives review.

1.04 **QUALITY ASSURANCE**

A. Manufacturers warranties shall pass to the Owner and certification made that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements.

1.05 **PRODUCT DELIVERY AND STORAGE**

A. Materials delivered to the site shall be examined for damage or defects in shipping. Any defects shall be noted and reported to the Owners representative. Replacements, if necessary, shall be immediately re-ordered, so as to minimize any conflict with the construction schedule. Sound materials shall be stored above ground under protective cover or indoors so as to provide proper protection.

PART 2 - PRODUCTS

2.01 Douglas Standard Backstop Netting Systems, #66800

A. BASE: Douglas Standard Backstop Netting Systems, #66800 as manufactured by:

Douglas Industries, Inc.
3441 S. 11th Ave.
Eldridge, IA 52748
Phone: 800-553-8907
Fax: 800-443-8907
www.douglas-sports.com

B. COMPONENTS:

1. Structural Poles
   a. 10-3/4" OD X 0.375” Wall Steel Poles with welded top and lifting tab
   b. Coated Black with Sherwin Williams KEM 4000 for corrosion resistance
   c. Recommend footing 2’ diameter X 10’ deep (designer to adjust footing based on local soil conditions)
2. Cable Tensioning System
   a. Cable shall be 1/4" Heavy-Duty Galvanized Steel Aircraft Cable
   b. All hardware to be zinc coated or stainless steel
3. Recommended Netting
   a. Douglas® #12 Knotted Dyneema 1-3/4” SQ Mesh w/ Rope Border
      - Break Strength: 308 lbs.
   b. Douglas #36 Twisted Knotted Nylon 1-3/4” SQ Mesh w/Rope Border
      - Break Strength: 352 lbs.
   c. Douglas #42 Knotted Ultra HDPE Black 1-3/4" SQ Mesh w/Rope Border
      - Break Strength: 392 lbs.
   d. Recommend Minimum (3) separate netting panels

PART 3 - EXECUTION

3.01 INSTALLATION OF EQUIPMENT

A. All athletic equipment shall be installed as recommended with manufacturer's written directions, and as indicated on the drawings.

END OF SECTION