

SECTION 11 68 23.1
EXTERIOR TENNIS AND VOLLEYBALL COURT EQUIPMENT

PART 1 GENERAL

1.01 REFERENCE STANDARDS

- A. AWS D1.1/D1.1M - Structural Welding Code - Steel; 2025.

1.02 SECTION INCLUDES

- A. Tennis Posts and Sleeves, Volleyball Posts and Sleeves and Tennis Net and Volleyball Net.

1.03 REFERENCE STANDARDS

- A. AWS D1.1/D1.1M - Structural Welding Code - Steel; American Welding Society; 2010 w/Errata.

1.04 SUBMITTALS

- A. See Section 01 33 00 – Submittal Procedures, for submittal procedures.
- B. Product Data: Provide manufacturer's data showing configuration, sizes, materials, finishes, hardware, and accessories; include:
1. Manufacturer's installation instructions.
- C. Shop Drawings: as provided by Manufacturer.
- D. Warranty: Submit manufacturer warranty and ensure that forms have been completed in NYCHA's name and registered with manufacturer.

1.05 QUALITY ASSURANCE

- A. Installer Qualifications: Company specializing in performing work of the type specified and approved by manufacturer.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Deliver products to project site in manufacturer's original packaging with factory original labels attached.
- B. Store products in accordance with manufacturer's instructions; protect from damage.

1.07 WARRANTY

- A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.

PART 2 PRODUCTS

2.01 EXTERIOR EQUIPMENT - GENERAL REQUIREMENTS

- A. See drawings for locations.

2.02 COURT SYSTEMS

- A. Tennis Court System: Tennis Posts, Sleeves, Competition Tennis Net & Associated Items
1. For new Tennis Court Systems:
 - a. Manufacturers:
 - 1) For Moveable Installation use : One set of Tennis Posts, round 3 1/2" O.D. Model # 2201-11P with 8" additional length, with (2) fixed eyes, with Net Tightener, with Top Pulley, and with Powder Coat finish #205 Orange. Two single Ground Sleeves 36" length for 3 1/2" O.D. round post with Hinged Cap Model # 8303-36-1H (LA-8303-36-1H). One Champion Tennis Net 42' x 3-1/2' Model # 8353, as manufactured by Patterson Williams Athletic Mfg. Co., P.O. Box 9028, Mesa, Arizona, 85214 phone: 1.800.687.5768 www.pwathletic.com. Local representative is Site Specialists Ltd., 265 Post Ave. #365 Westbury, NY 11590, phone: 516.338.1630, attn.: Craig Heslin or Sue O'Brien.
<https://sitespecialistsnewyork.com/>
 - (a) Contractor shall adjust sleeve length as needed prior to installation and ensure that the top of the pulley shall be 3'-6" from the surface of the court.
(1) OR

- 2) For Permanent Installation use: Heavy Duty Square Tennis Posts Model # 2205-GR, Aluminum Sleeve for #2205 Model # 8305A-SQ24-2, Square Caps for Aluminum Sleeves Model # 8305-1S, Two(2) Replacement Caps with Pulley Model # 8410-SQGR, Replacement Gear Assembly – Square Model # 8412-SQ, Replacement Winder handle Model # 615-025, Premium Tennis Net, 42' x 3-1/2', Model # 8352, color TBD or shall be XXXXX or as indicated on drawings, as manufactured by Patterson Williams Athletic Mfg. Co., P.O. Box 9028, Mesa, Arizona, 85214 phone: 1.800.687.5768 www.pwathletic.com or equal. Local representative is Site Specialists Ltd., Westbury, NY 11590, phone: 516.338.1630, fax: 516-338-1631, attn: Craig Heslin. www.sitespecialist.net
 - (a) Contractor shall adjust sleeve length as needed prior to installation and ensure that the top of the pulley shall be 3'-6" from the surface of the court.
 - 3) An equal product Assembly.
 - b. Concrete for footings shall conform to the Concrete Section of these Specifications.
- B. Volleyball Court System: Volleyball Posts, Sleeves, & Competition Volleyball Net
1. For new Volleyball Court Systems:
 - a. a. Manufacturers:
 - 1) 1) For Movable Installation use: One set of Competition Volleyball Posts, round 3 1/2" O.D. Model #2216-00EXT Galvanized w/ Powder Coat finish #510 Black. Two Single Ground Sleeves with Hinged Cap Model #8303-36-1H (LA-8303-36-1H). One Competition Volleyball Net with Top Rope/Bottom Rope #8362-20, as manufactured by Patterson Williams Athletic Mfg. Co., P.O. Box 9028, Mesa, Arizona, 85214 phone: 1.800.687.5768 www.pwathletic.com. Local representative is Site Specialists Ltd., 265 Post Ave. #365 Westbury, NY 11590, phone: 516.338.1630, attn.: Craig Heslin or Sue O'Brien. <https://sitespecialistsnewyork.com/>
 - (a) Contractor shall adjust sleeve length as needed prior to installation and ensure that the top of the post shall be 8'-6" from the surface of the court.
 - (b) OR
 - 2) 2) For Permanent Installation use: One set of Pro Series Competition Volleyball Posts, 5" square power coated, Model #2219-21P w/ Powder Coat finish #510 Black, One Competition Volleyball Net with Top Cable Net #8361-10, as manufactured by Patterson Williams Athletic Mfg. Co., P.O. Box 9028, Mesa, Arizona, 85214 phone: 1.800.687.5768 www.pwathletic.com. Local representative is Site Specialists Ltd., 265 Post Ave. #365 Westbury, NY 11590, phone: 516.338.1630, attn.: Craig Heslin or Sue O'Brien. <https://sitespecialistsnewyork.com/>
 - (a) Contractor shall adjust sleeve length as needed prior to installation and ensure that the top of the post shall be 8'-6" from the surface of the court.
 - (1) 3) An equal product Assembly.
 - b. Concrete for footings shall conform to the Concrete Section of these Specifications

PART 3 EXECUTION

3.01 EXAMINATION

- A. Take field measurements to ensure proper fitting of work. If taking field measurements before fabrication will delay work, allow for adjustments within recommended tolerances.
- B. Inspect areas and conditions before installation. Notify Architect in writing of unsatisfactory or detrimental conditions. Do not proceed until conditions have been corrected. Commencing installation constitutes acceptance of work site conditions.
- C. Examine the posts and sleeves and ensure that;
 1. 1. Tennis: Top of the pulley shall be 3'-6" from the surface of the court
 2. 2. Volleyball: Top of the post shall be 8'-6" from the surface of the court
 3. and adjust sleeve lengths as needed.

3.02 INSTALLATION

- A. Install in accordance with contract documents and manufacturer's instructions.
- B. Install equipment rigid, straight, plumb, and level.
- C. Secure all equipment with manufacturer's recommended anchoring devices.
- D. Separate dissimilar metals to prevent electrolytic corrosion.
- E. The Contractor shall be responsible for providing the Authority Inspector with manufacturer's drawings and instructions that outline proper installation procedures. No installation is to take place without the Authority Inspector's review of the necessary manufacturer's information.
- F. Contractor shall form footings for standards in accordance with manufacturer's instructions. He shall also be responsible for co-ordination of delivery of standards. All barriers preventing access of delivery trucks shall be removed and replaced after delivery and installation of standards.

3.03 ADJUSTING

- A. Verify proper placement of equipment.
- B. Verify proper placement of equipment anchors and sleeves. Use actual movable equipment to be anchored if available.
- C. Prior to installation, examine the posts and sleeves and ensure that
 1. 1. Tennis: Top of the pulley shall be 3'-6" from the surface of the court
 2. 2. Volleyball: Top of the post shall be 8'-6" from the surface of the court
 3. and adjust sleeve lengths as needed.

3.04 PROTECTION

- A. Protect installed products until Substantial Completion. Basketball Nets shall not be installed, but rather turned over to the Development Superintendent upon completion.
- B. Replace damaged products before Substantial Completion.

END OF SECTION 11 68 23.1