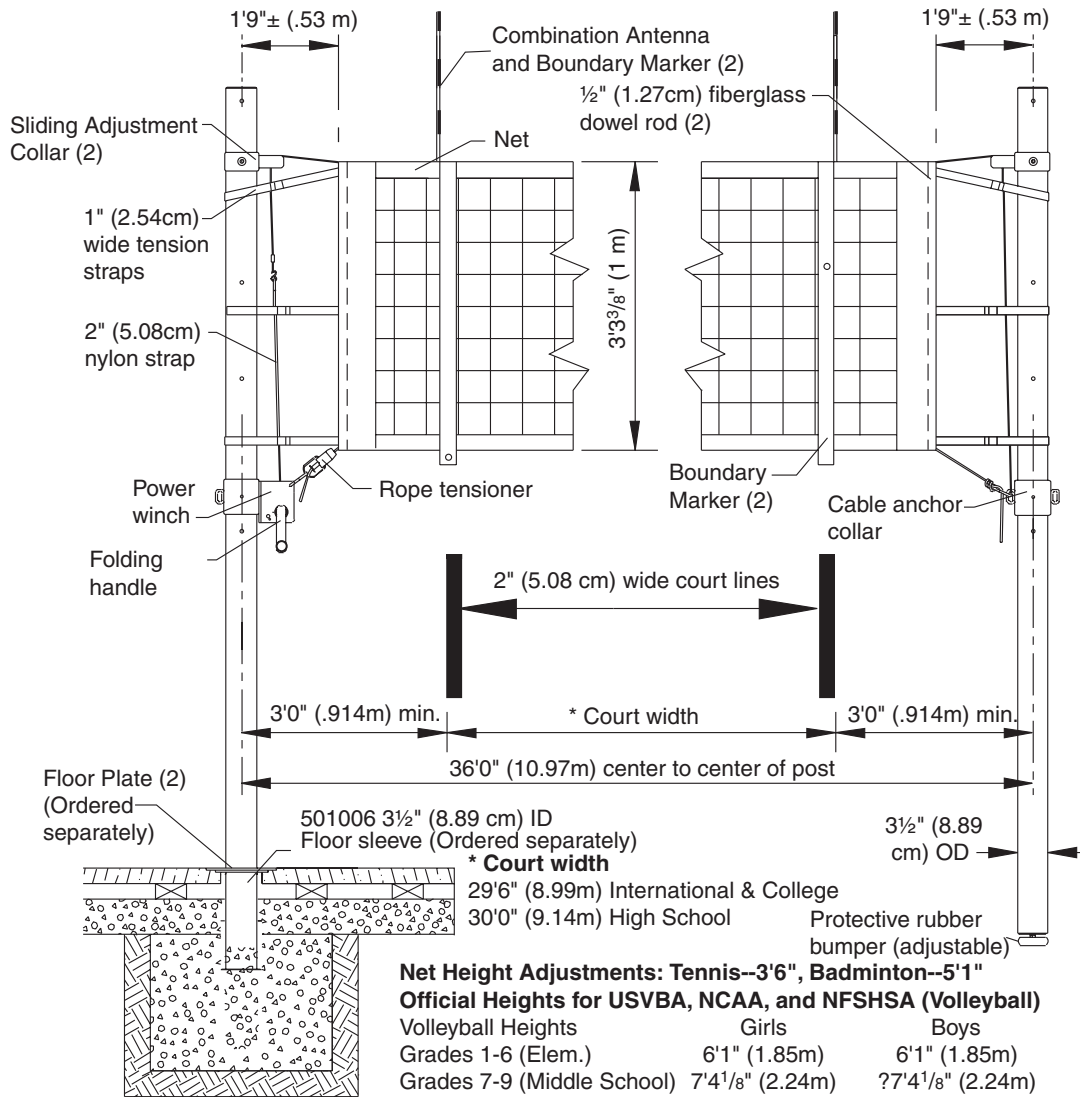


# Competition Volleyball Systems

by DRAPER



**Net Height Adjustments: Tennis--3'6", Badminton--5'1"**

**Official Heights for USVBA, NCAA, and NFSHSA (Volleyball)**

Volleyball Heights	Girls	Boys
Grades 1-6 (Elem.)	6'1" (1.85m)	6'1" (1.85m)
Grades 7-9 (Middle School)	7'4 1/8" (2.24m)	7'4 1/8" (2.24m)
Grades 7-9 (Jr. High)	7'4 1/8" (2.24m)	7'11 5/8" (2.43m)
Grades 9-12 (Sr. High)	7'4 1/8" (2.24m)	7'11 5/8" (2.43m)
Collegiate & International	7'4 1/8" (2.24m)	7'11 5/8" (2.43m)

*Note: Regulation net heights are set at center of net. Ends of net (at court lines) cannot exceed the regulation height by more than 3/4" (2 cm). Allow 3/4" (2 cm) net sag at all settings.*

**Please Mark Appropriate Selections**

- 500010 CVS-01 System (includes net, antennae and boundary markers)  
Quantity: \_\_\_\_\_
- 501021 Center Standard  
Quantity: \_\_\_\_\_
- 500011 CVS-02 System (includes center standard, two nets, antennae and boundary markers)  
Quantity: \_\_\_\_\_

PROJECT: \_\_\_\_\_

ARCHITECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

SUPPLIER: \_\_\_\_\_

DATE: \_\_\_\_\_ REVISED: \_\_\_\_\_

DRAPER®

411 S. Pearl St., Spiceland, IN 47385 USA ■ 765-987-7999  
www.draperinc.com ■ fax 765-987-7142

## Specifications—500010

### Competition Volleyball System

#### Product Description

Post shall meet all FIVB, USA Volleyball, NCAA and NFHS requirements for competition. Post shall have infinite height adjustment between 8' and 3'6" with preset volleyball settings for elementary school use to international competition for both men and women, for use with volleyball, tennis and badminton.

The upright shall be 3½" O.D. (8.890cm) schedule 80 aluminum tube, with a wall thickness of .300" (.7620cm). The upright is provided with a special rubber foot to protect finished floors and to provide precise net height adjustment.

The tensioning winch shall incorporate a heavy-duty, self-locking worm gear mechanism. Winch shall be furnished with a heavy 2" (4.080 cm) wide high tensile nylon strap with heavy-duty snap hook to eliminate the possibility of hook breaking and guarantee safe connection to net top cable. The power winch is furnished complete with a folding handle for player safety.

The 500010 shall consist of one standard w/power winch and one standard w/adjustable anchor collar. For multiple court usage, specify additional 501021 center standards as required.

**Competition Volleyball Net** shall be #500014 by Draper, Inc. of Spiceland, IN. Net shall be 32' (9.75 M) long x 39<sup>3</sup>/<sub>8</sub>" (1 M) high. Netting shall be high quality 4" square #36 black nylon cord with vinyl coated polyester hem double stitched around entire perimeter of net. Top hem of net shall be furnished with a 40'6" long x 1/8" diameter 2000 lb. minimum breaking strength galvanized aircraft cable with a nylon coating (3/16" OD) to protect against fraying. Ends of cable to have loops with heavy swaged type fittings for easy installation. Hems in end of net shall be furnished with a pocket for use with a ½" diameter fiberglass dowel rod. Ends of net shall have six 1" wide polypropylene tension straps with buckles for providing additional tightening of net. Bottom of net shall be furnished with a ¼" diameter braided white nylon rope equipped with a spring loaded, pressure type rope tensioner.

**Rope Tensioner** shall be #500005 by Draper, Inc. of Spiceland, IN.

**Combination Antenna and Boundary Marker** shall be #500016 by Draper, Inc. of Spiceland, IN.

#### Standard Dimensions

36'0" center to center of standards/sleeves (each court).

## Specifications—500011

### Competition Volleyball System

#### Product Description

Two court system includes 501021 center upright two nets. Posts shall meet all FIVB, USA Volleyball, NCAA and NFHS requirements for competition. Post shall have infinite height adjustment between 8' and 3'6" with preset volleyball settings for elementary school use to international competition for both men and women, for use with volleyball, tennis and badminton.

The upright shall be 3½" O.D. (8.890cm) schedule 80 aluminum tube, with a wall thickness of .300" (.7620cm). The upright is provided with a special rubber foot to protect finished floors and to provide precise net height adjustment.

The tensioning winch shall incorporate a heavy-duty, self-locking worm gear mechanism. Winch shall be furnished with a heavy 2" (4.080 cm) wide high tensile nylon strap with heavy-duty snap hook to eliminate the possibility of hook breaking and guarantee safe connection to net top cable. The power winch is furnished complete with a folding handle for player safety.

The 500011 shall consist of two standards w/power winch and a center standard w/adjustable anchor collar.

**Competition Volleyball Nets** shall be #500014 by Draper, Inc. of Spiceland, IN. Net shall be 32' (9.75 M) long x 39<sup>3</sup>/<sub>8</sub>" (1 M) high. Netting shall be high quality 4" square #36 black nylon cord with vinyl coated polyester hem double stitched around entire perimeter of net. Top hem of net shall be furnished with a 40'6" long x 1/8" diameter 2000 lb. minimum breaking strength galvanized aircraft cable with a nylon coating (3/16" OD) to protect against fraying. Ends of cable to have loops with heavy swaged type fittings for easy installation. Hems in end of net shall be furnished with a pocket for use with a ½" diameter fiberglass dowel rod. Ends of net shall have six 1" wide polypropylene tension straps with buckles for providing additional tightening of net. Bottom of net shall be furnished with a ¼" diameter braided white nylon rope equipped with a spring loaded, pressure type rope tensioner.

**Rope Tensioner** shall be #500005 by Draper, Inc. of Spiceland, IN.

**Combination Antenna and Boundary Marker** shall be #500016 by Draper, Inc. of Spiceland, IN.

#### Standard Dimensions

36'0" center to center of standards/sleeves (each court).

#### LEED® Submittal Information

Credit	Measure	
MRc4 – Recycled Content	Post Consumer Average 44.4%	Post Industrial 0%
MRc5 – Regional Materials	Product Manufactured in Spiceland, IN 47385	