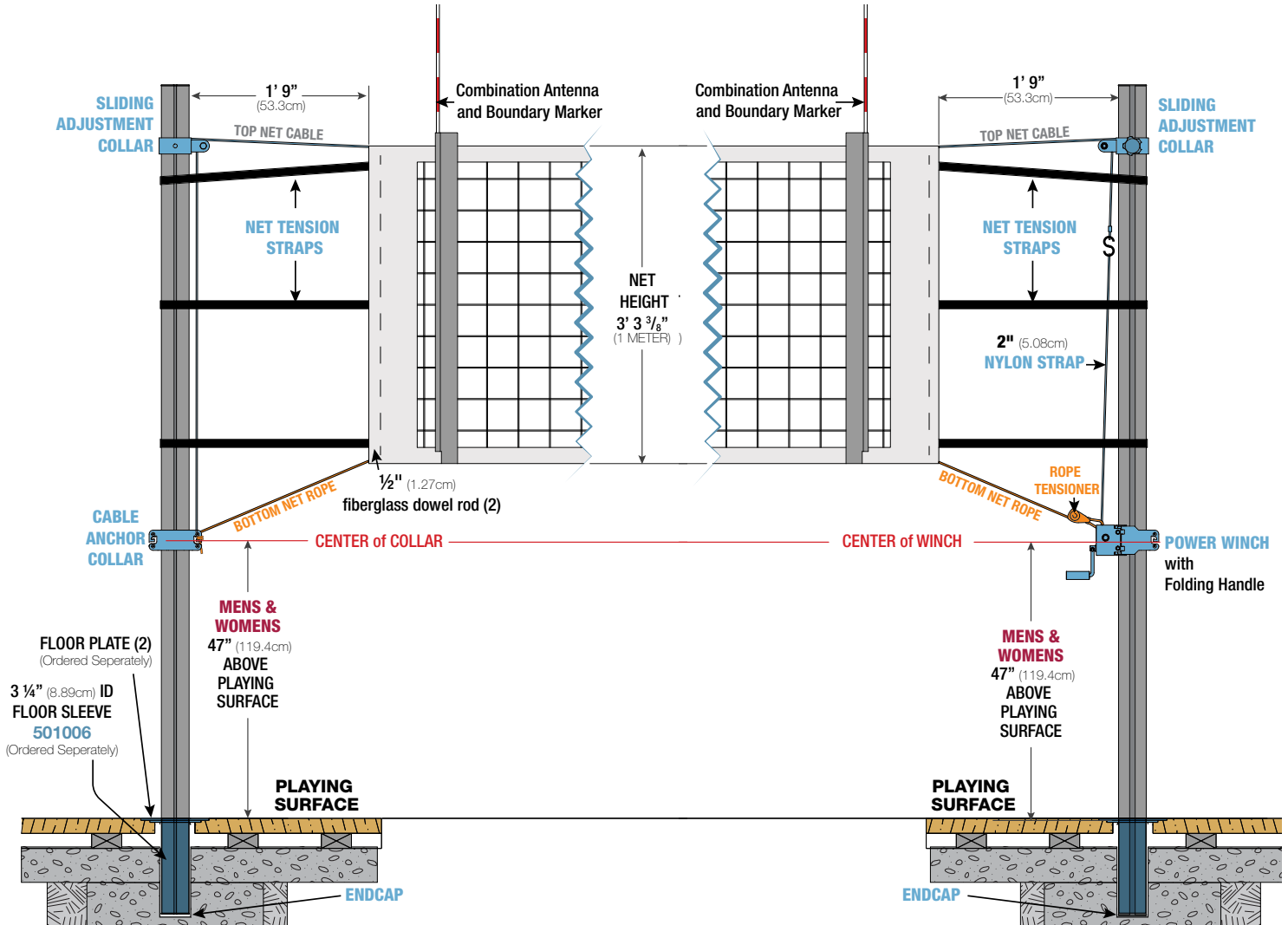


# Combination Volleyball System

Highly maneuverable, volleyball system with infinite net height adjustment

## SUBMITTAL

### TECHNICAL INFO



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

VOLLEYBALL	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)

<b>BADMINTON</b>	5'1"
<b>TENNIS</b>	3'6"

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:**

- 500031 CVS-01 System**  
*(includes net, antennae and boundary markers)*  
Quantity: \_\_\_\_\_
- 501026 Center Standard**  
Quantity: \_\_\_\_\_
- 500032 CVS-02 System**  
*(includes center standard, two nets, antennae and boundary markers)*  
Quantity: \_\_\_\_\_

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

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

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

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

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

## Specifications - 500031

### Combination Volleyball System

#### PRODUCT DESCRIPTION

**POST** shall meet all USA Volleyball, NCAA and NFHS requirements for competition. Post shall have infinite height adjustment between 8' (2.4M) and 3'6" (1.06M).

**UPRIGHT** is 3.5" (89MM) OD extruded 6063-T6 aluminum with a clear anodized finish. Upright has been custom designed to reduce weight while providing excellent rigidity. Wall thickness of upright tube varies from .216" (5.5MM) to .433" (11MM) with thicker walls positioned to reduce deflection. Upright features an indexing channel to prevent sliding collars from rotating and ensuring net is always oriented on strongest axis of the upright.

**TENSIONING WINCH** shall incorporate a heavy-duty, self-locking worm gear mechanism. Winch shall be furnished with a heavy 2" (4.08CM) 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 501026 center standards as required.

**COMBINATION VOLLEYBALL NET** shall be #500014 by Draper, Inc. of Spiceland, IN. Net shall be 32' (9.75 M) long x 39 3/8" (1 M) high. Netting shall be high quality 4" (10CM) square mesh made of 2.5 mm black knotless nylon and with vinyl coated polyester hem double stitched around entire perimeter of net. Top hem of net shall be furnished with a 40'6" (12.34M) long X 1/8" (3MM) diameter 2000 lb. (907KG) 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 1/2" (13MM) diameter fiberglass dowel rod. Ends of net shall have six 1" (25.4MM) wide polypropylene tension straps with buckles for providing additional tightening of net. Bottom of net shall be furnished with a 1/4" (6.35MM) diameter braided white nylon rope equipped with a spring loaded, pressure type rope tensioner.

**RATCHET STYLE ROPE TENSIONER** shall be #C080.016 by Draper, Inc. of Spiceland, IN.

**COMBINATION ANTENNA AND BOUNDARY MARKER** shall be #500016 by Draper, Inc. of Spiceland, IN.

#### STANDARD DIMENSIONS

36'0" (10.97M) center to center of standards/sleeves (EACH COURT).

## Specifications - 500032

### Combination Volleyball System

#### PRODUCT DESCRIPTION

**TWO COURT SYSTEM** includes 501026 center upright two nets.

**POST** shall meet all USA Volleyball, NCAA and NFHS requirements for competition. Post shall have infinite height adjustment between 8' (2.4M) and 3'6" (1.06M).

**UPRIGHT** is 3.5" (89MM) OD extruded 6063-T6 aluminum with a clear anodized finish. Upright has been custom designed to reduce weight while providing excellent rigidity. Wall thickness of upright tube varies from .216" (5.5MM) to .433" (11MM) with thicker walls positioned to reduce deflection. Upright features an indexing channel to prevent sliding collars from rotating and ensuring net is always oriented on strongest axis of the upright.

**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.

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

**COMBINATION VOLLEYBALL NET** shall be #500014 by Draper, Inc. of Spiceland, IN. Net shall be 32' (9.75 M) long x 39 3/8" (1 M) high. Netting shall be high quality 4" (10CM) square mesh made of 2.5 mm black knotless nylon and with vinyl coated polyester hem double stitched around entire perimeter of net. Top hem of net shall be furnished with a 40'6" (12.34M) long X 1/8" (3MM) diameter 2000 lb. (KG) 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 1/2" (13MM) diameter fiberglass dowel rod. Ends of net shall have six 1" (25.4MM) wide polypropylene tension straps with buckles for providing additional tightening of net. Bottom of net shall be furnished with a 1/4" (6.35MM) diameter braided white nylon rope equipped with a spring loaded, pressure type rope tensioner.

**RATCHET STYLE ROPE TENSIONER** shall be #C080.016 by Draper, Inc. of Spiceland, IN.

**COMBINATION ANTENNA AND BOUNDARY MARKER** shall be #500016 by Draper, Inc. of Spiceland, IN.

#### STANDARD DIMENSIONS

36'0" (10.97M) 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	Raw materials are commodity items form multiple sources so extraction point cannot be determined. Final manufacturing/assembly in Spiceland, IN 47385