

Part 1 General

1.1 ACTION AND INFORMATIONAL SUBMITTALS

- .1 Submit shop drawings and product data in accordance with Section 01 33 00.
- .2 Provide maintenance data for incorporation into manual.

Part 2 Products

2.1 SINGLE POST CEILING MOUNTED BASKETBALL BACKSTOPS

- .1 Frame: 127 mm top "T" and main mast mounted to the structure on ceiling by means of 25 mm treaded rods.
- .2 Front and side braces: 50 mm square tubing.
- .3 89 mm diameter superstructure to be custom designed and furnished.
- .4 Cable: Dead end of a 6 mm aircraft cable to be fastened to a lubricated rolling sleeve, allowing cable to pull in any direction. Hoisting system to use 100 mm ball bearing pulleys.
- .5 Backstop: painted satin black.
- .6 Backstop to be electrically operated by means of an electric winch (RS 340 ¾ HP) with grooved drum and key-operated switch supplied by equipment installer.
- .7 Complete with all accessories for a complete installation.
- .8 Acceptable material: RS 200.
- .9 Accessories:
 - .1 RS 94 steel rectangular backboard with RS-FM standard rim.
 - .2 RS/AL auto lock safety strap.
 - .3 RS-116 Adjustable Frame set to allow adjustment of goal from 2439 mm to 3048 mm above floor finish.

2.2 FUTURE STD FOLDING BASKETBALL BACKSTOP

- .1 For future cross court basketball backstops, allow for RS 119 STD system:
 - .1 Frame: 38 mm square tubing and mounted to the wall by means of 6 mm x 102 mm steel plates 889 mm on center.
 - .2 Stabilizing bars: 38 mm tubing and run from the front of the backstop frame up to the wall in a 30-degree angle.
 - .3 Stabilizers: hinge mounted to allow for minor adjustment. Cable bracing not permitted.
 - .4 Backstop: built-in spring-loaded locking bar c/w release handle.

- .5 Backstop: painted satin black.
- .6 Complete with all accessories for a complete installation.
- .7 Accessories: RS 94 steel rectangular backboard with RS-FM standard rim.

2.3 VOLLEYBALL STANDARDS

- .1 One set of RS 105 Volleyball posts as manufactured by Kodiak Industries Ltd.
- .2 Posts made of round tubing.
- .3 Center pole 48.26 mm diameter tubing with two front braces and one full height back brace to prevent pole from bending. All braces fabricated from 25.4 mm OD tubing with a 12-gauge wall thickness.
- .4 Bottom of the post reinforced with a 356 mm insert.
- .5 Each post equipped with two (2) fully adjustable, nickel plated fittings to accommodate heights as outlined below.
- .6 Each post shall be supplied with 364 kg capacity winch as well as a rope leader to connect to volleyball net.
- .7 Two transport wheels with non-marking rubber to provide ease of moving posts. Back brace rubber clad to protect the floor.
- .8 Posts to accommodate net heights as recommended by Volleyball Canada for male female categories, mini, bantam, midget, juvenile junior and senior.
- .9 Standards to fit RS 300 Floor Socket (synthetic flooring), RS 308 Floor Socket (hardwood flooring) and RS 308 S storage socket.
- .10 RS 105 C Center Post - Same construction as the above.

2.4 BADMINTON POSTS

- .1 Three sets RS 104 Badminton posts as manufactured by Kodiak Industries.
- .2 Posts constructed from 48.26 mm diameter tubing c/w hooks on both sides for use as center or end posts.
- .3 48.26 mm round washer to hold post at proper height for badminton.
- .4 Post to be equipped with plastic top cap.
- .5 Posts to accommodate net heights as recommended by Badminton Canada.
- .6 Posts to fit RS 100 Floor Socket synthetic flooring,
- .7 Posts to fit RS 108S floor socket for storage floor.

2.5 FLOOR SOCKETS AND ANCHORS

- .1 RS 100 Floor Sockets for use on synthetic floors: Sockets shall be cast bronze, machined to 49 mm ID and to be supplied complete with drop in caps.
- .2 RS 108AS Floor Sockets for use in storage room.

2.6 NETS

- .1 Two volleyball nets collegiate standard.
- .2 Four badminton nets collegiate standard.

2.7 FOLDABLE PORTABLE SEATING

- .1 Design Load: to support a live load of 120 lbs per square foot on a seat and deck, with a horizontal sway force of 24 lbs per square foot.
- .2 Materials / Finishes: aluminum support structure with a clear silver anodized finish. Seat and deck system to be clear anodized aluminum, 6063-T6 alloy. Exposed ends to be channel capped with a black anodized finish. Fasteners and connecting hardware all stainless steel.
- .3 System Description: Two tier bench to fold downward from its attachment points and lock into an open position. Size: manufacturer's standard width by length indicated.
 - .1 Acceptable manufacturers:
 - .1 Hide A Bench Inc
 - .2 BuiltRight Bleachers

Part 3 Execution

3.1 INSTALLATION

- .1 Install equipment at locations shown on drawings. Position accurately, level, plumb straight.
- .2 Install and support equipment according to manufacturer's written instructions.

END OF SECTION