

Part 1 General

1.1 Related Sections

- .1 Section 01 33 00 - Submittal Procedures.
- .2 Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .3 Section 09 65 66 Resilient Athletic Flooring

1.2 Samples and Shop Drawings

- .1 Submit samples upon request and shop drawings in accordance with Section 01 33 00 - Submittal Procedures.

1.3 Closeout Submittals

- .1 Provide maintenance data for resilient flooring for incorporation into manual specified in Section 01 78 00 - Closeout Submittals.

1.4 Maintenance Data

- .1 Upon completion of work of this section and prior to substantial performance, provide consultant with manufacturers instruction covering care and maintenance of equipment.

1.5 Waste Management and Disposal

- .1 Separate and recycle waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .2 Divert unused metal and wiring materials from landfill to appropriate recycling facilities approved by Contract Administrator.
- .3 Remove from site and dispose of packaging materials at appropriate recycling facilities.
- .4 Collect and separate for disposal paper, plastic, polystyrene, corrugated cardboard, packaging material for recycling in accordance with Waste Management Plan.

Part 2 Products

2.1 Basketball Backstops

- .1 Backstops shall feature adjustable frame to allow adjustment of hoop height from 2400 mm to 3000mm. Height adjustable with hand crank.
- .2 Frames shall be made from 50mm square tubing, mounted to supports in wall using 6mm x 100mm steel plates, placed 890mm o.c. Stabilizing bars shall be made from 50mm steel tubing, from the front of the backstop frame to the wall at an angle of 30 degrees.

Stabilizers shall be hinge mounted to permit minor adjustment, Cable bracing shall not be permitted.

- .3 All bolts and mounting hardware shall be included for installation
- .4 Backstop to be supplied with steel rectangular backboard with regulation sized goal.
- .5 Backstops to be painted flat black.
- .6 All hoops to be spring loaded to protect hoop and frame from bending. Each backstop to be supplied complete with net, and accessories necessary to adjust equipment.
 - .1 Acceptable materials: Royal Stewart RS116
 - .2 Alternates as approved by Contract Administrator.

2.2 Sports post gymnasium floor sockets

- .1 Cast bronze, machined inside diameter to accept 50 mm badminton posts c/w drop in cap.
 - .1 Acceptable materials:
 - .1 RS 100 manufactured by Royal Stewart .
 - .2 Alternates as approved by Contract Administrator.

2.3 Sports post storage floor sockets

- .1 Anticipate eight steel sleeves to be installed in storage room for post storage.
 - .1 Acceptable materials:
 - .1 RS 108S manufactured by Royal Stewart .
 - .2 Alternates as approved by Contract Administrator.

2.4 Volleyball Standards

- .1 One Pair Volleyball posts to be constructed using round tubing
- .2 Centre post shall be 50mm tubing with two front braces and full height back brace to prevent bending of pole. All bracing to be minimum 25mm OD tubing with 16 gauge wall thickness.
- .3 Bottom of post to be reinforced with 350mm insert.
- .4 Posts are to be equipped with 2 fully adjustable, nickel-plated fittings to accommodate heights: 1500mm, 2100mm, 2200mm, 2240mm, 2340mm, 2430mm.
- .5 Each post to feature 800lb. capacity winch as well as rope leader to connect to net.
- .6 Two transport wheels to be provided on each post,; must be non-marking rubber.
- .7 Posts shall include padding and back brace shall be vinyl-clad to protect the floor.
- .8 Compatible net shall be included, c/w steel cables.
 - .1 Acceptable product:

- .1 RS105 Posts by Royal Stewart
- .2 RS105N Net by Royal Stewart
- .3 Alternates as approved by Contract Administrator.

2.5 Badminton posts

- .1 Four posts to be constructed using 50mm tubing, c/w hooks both sides for use as centre or end posts.
- .2 Posts shall feature 25mm round washers to hold post at proper height for badminton.
- .3 Posts to be equipped with plastic top cap.
- .4 Three nets to be supplied.
 - .1 Acceptable products:
 - .1 RS 104 Badminton posts by Royal Stewart (4 required)
 - .2 RS 104N Nets by Royal Stewart (3 required).

Part 3 Execution

3.1 Installation

- .1 Locate floor sockets prior to application of gym floor concrete topping. Follow up manufacturer's diagrams for exact locations of game lines and floor sockets location. Coordinate with floor framing and concrete topping work to permit proper installation of sports posts.
- .2 Co-ordinate the locations of required bracing for mounting basketball backstops.
- .3 Install gymnasium equipment in strict accordance with the manufacturer's instructions and recommendations.
- .4 Ensure satisfactory operation of all installed equipment.

END OF SECTION