

Product Name	Riverview Ropes Course
Product Number	IM-1007
Size -- Length	34.20 m / 112' 2"
Size -- Width	19.72 m / 64' 8"
Size -- Height	3.70 m / 12' 2"
Shipping Volume	144.40 m ³ / 5099.4 ft ³
Foundations	42
Concrete Volume	40.00 m ³ / 1412.6 ft ³

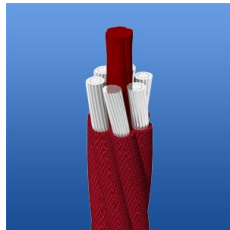
	ASTM F-1487	CSA Z614	EN 1176
Ages	5 years - 12 years	5 years - 12 years	6 years - 14 years
Capacity	150	150	150
Use Zone -- Length	37.67 m / 123' 7"	37.67 m / 123' 7"	37.01 m / 121' 5"
Use Zone -- Width	23.38 m / 76' 8"	23.38 m / 76' 8"	22.72 m / 74' 6"
Fall Height	2.76 m / 9' 1"	2.76 m / 9' 1"	2.76 m / 9' 1"

*Note: Concrete must be minimum 3500 PSI / 25MPa

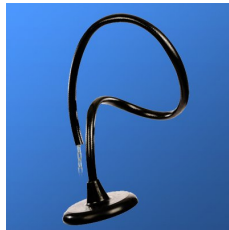
Product Features:

SUPPORT POSTS:	This will be 4 1/2" (114.3mm) OD Schedule 40 6061-T6 aluminum tubing with a minimum 15/64" (6.02mm) wall thickness. The posts will be connected to the contoured frame by sleeving into a coped housing to prevent exposed joints.
CONTOURED FRAME:	This will be 8 5/8" (219.08mm) OD Schedule 40 6061-T4 aluminum tubing with a minimum 21/64" (8.179mm) wall thickness.
JOINT COVERING:	To prevent exposed joints, all joints along the contoured frame will be covered with a machined sleeve; this will be 9 1/2" OD (241.3 mm) 6061-T6 aluminum with a minimum 1/2" (12.7 mm) wall thickness.
PAINT PROCESS:	All exposed aluminum will be finished with polyester powder coating. Prior to the powder coating application, the surface will undergo sandblasting and will be treated with an electrostatic primer having a minimum thickness of 1.5 mils.
CLIMBING NETS:	These will be 20 mm diameter, polyester rope cable with UV protection and fire retardant solution. Each rope consists of 6 strands each containing at least 24 galvanized steel reinforcing strands within a polyester sheath, wrapped around a solid polymer core for a minimum of 144 steel reinforcing strands. Rope shall achieve a Class 7-8 Colourfastness rating.
PENDULUM STEPPER:	This will be a steel disc coated in a PAH free EPDM (ethylene propylene diene monomer) rubber. The rubber disc will be suspended with a galvanized steel chain covered in a protective rubber hose.
BALL KNOTS:	This will be a one-piece compressed aluminum ball, compressed in place with 150 tons force (667 kN) to prevent the connection from moving and causing premature cable wear.

- IGLOO CONNECTOR:** This will be a stainless steel connector allowing for 1 plane of motion. The female end of the connector is secured to the rope ends with a stainless steel sleeve which is bolted to the male end on the frame. The securing bolt will thread directly into the Igloo Connector.
- BASIC FASTENERS:** All fasteners for component attachments are stainless steel.
- INSTALLATION:** This should be installed only by a licensed playground installer, trained and certified on the relevant playground standards in place in the region of installation, e.g., NPSI, CPSI or similar certified.
- COMPLIANT WITH:**
CAN/CSA-Z614
ASTM F-1487
EN-1176
CPSC Handbook for Public Playground Safety



Climbing Net - 20 mm



Pendulum Stepper



Ball Knot



Igloo Connector