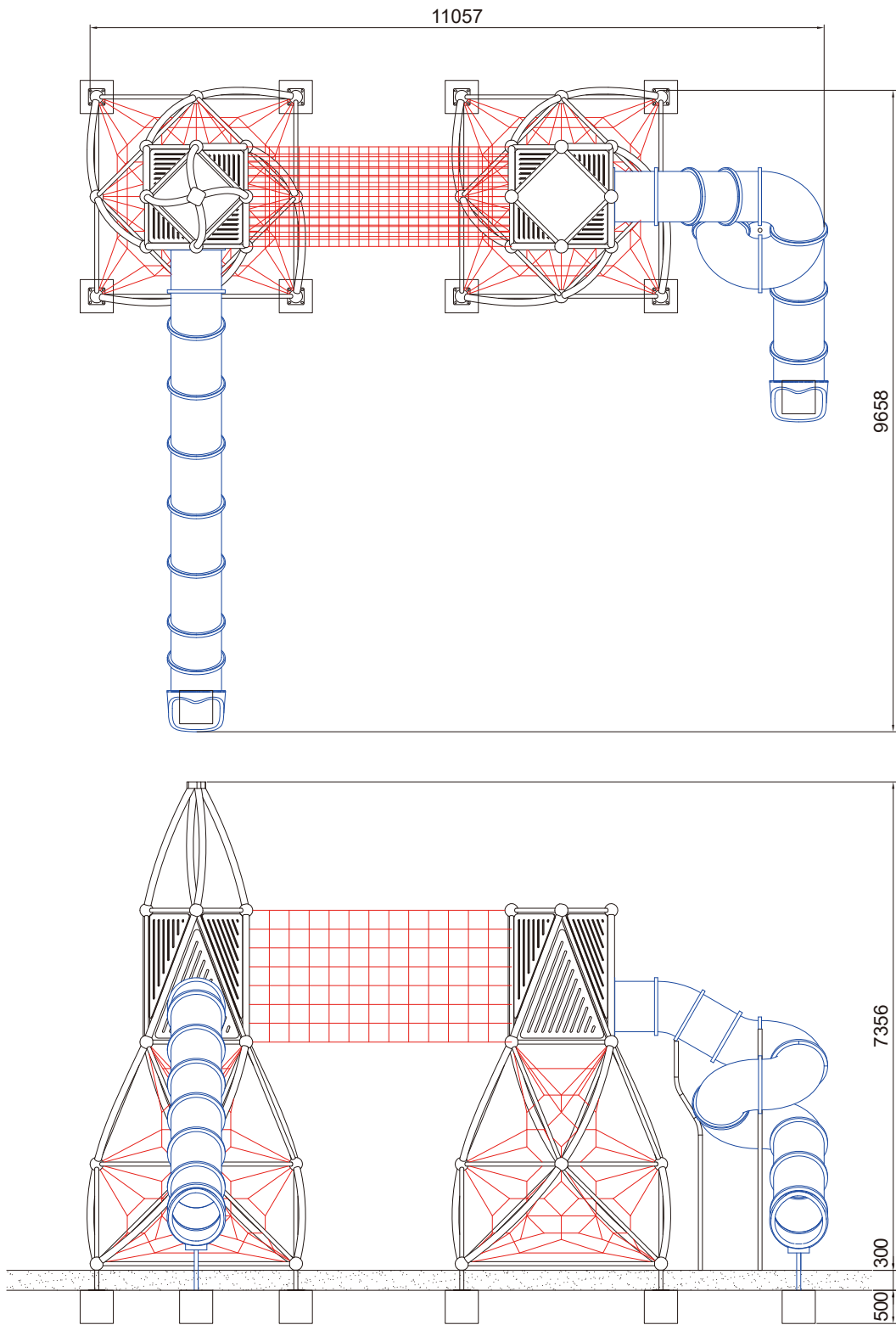


RC-1602-2



PRODUCT DRAWING



PRODUCT SPECIFICATION



Product Name	TWIST TOWER
Product Number	RC-1602-2
Size -- Length	11.06 m / 36' 4"
Size -- Width	9.66 m / 31' 9"
Size -- Height	7.36 m / 24' 2"
Foundations	10

	ASTM F-1487	CSA Z614	EN 1176
Ages	5 years - 12 years	5 years - 12 years	6 years - 12 years
Safety Zone -- Length	13.88 m / 45' 7"	13.88 m / 45' 7"	13.55 m / 44' 6"
Safety Zone -- Width	13.48 m / 44' 3"	13.48 m / 44' 3"	13.15 m / 43' 2"

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

Product Features:

SUPPORT POSTS:	These will be 2 3/8" (60.5mm) OD phosphate dipped steel tubing finished with polyester powder coating, or hot dipped galvanized. This will be 4" (101.6mm) OD phosphate dipped steel tubing finished with hot dipped galvanization
PIPE JUNCTIONS:	These will be steel, 8" (200mm) diameter with integrated holes for pipe connections, finished with either polyester powder coating or hot dipped galvanization. Junction caps are affixed with stainless steel bolts.
CLIMBING NETS:	These will be 20 mm diameter, polyamide (nylon) rope cable with UV protection and fire retardant solution. Each rope consists of 6 strands each containing 24 galvanized steel reinforcing strands within a polyamide sleeve, wrapped around a solid polyamide core for a total of 144 steel reinforcing strands; each end of the cable having a junction loop attached onto the cable with a finished aluminum sleeve and lined with a galvanized steel wear bar. Rope shall achieve a Class 7-8 Colourfastness rating.
BALL KNOTS:	This will be a one-piece compressed aluminum ball, compressed in place with 150,000 pounds force (667 kN) to prevent the connection from moving and causing premature cable wear.
TENSIONING:	Tensioning is achieved by way of a galvanized threaded eyebolt and shackle located at each Pipe Connection capable of drawing the cables a minimum of 4" (100mm).
BASIC FASTENERS:	All fasteners for component attachments are stainless steel.

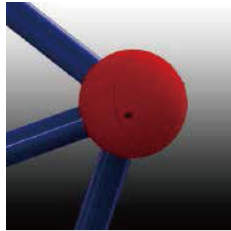
PRODUCT SPECIFICATION

COMPLIANT WITH:

CAN/CSA-Z614-07
ASTM F-1487-11
EN-1176
CPSC Handbook for Public Playground Safety



Support Posts



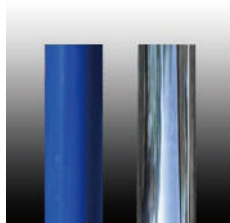
Pipe Junctions



Climbing Net - 20 mm



Ball Knot



Support Posts



Expansion Bolt