TSP-10715

Irvine

HDPE play system model Irvine

Recycled HDPE:

Steel:

Rope Cables:

Balancing

Sliding

Climbing

Jumping



Ages 5-12

Users 75

Dimensions L: 23'-8.5" W: 34'-6.3" H: 18'-10.2" | L: 741 W: 1079 H: 589 cm

Safety Zone 51'-11.4"/37'-3.7" | 1582 / 1135 cm

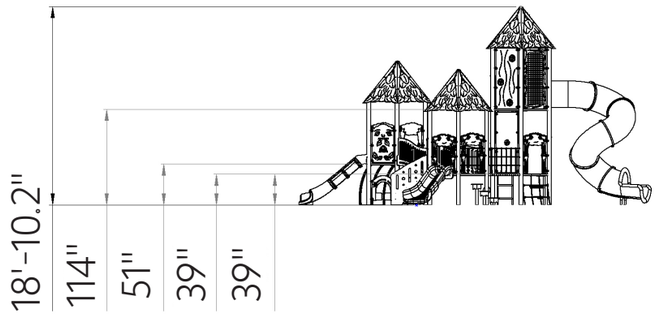
Fall Height 9'-3.4" | 290 cm

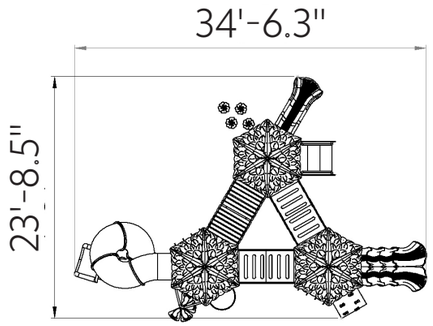
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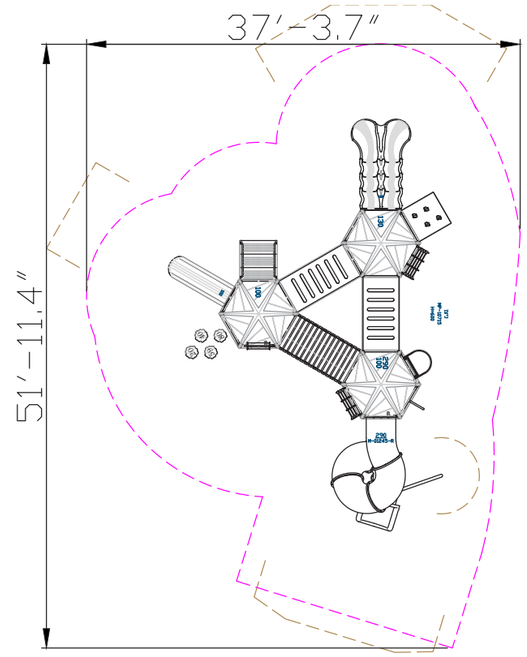
The Irvine is a challenging play system that includes several towers connected by open bridges, with slides and various elements for climbing and crawling.

The structure also incorporates an accessible route suitable for wheelchairs, allowing access and use for all children.

The structure is designed as a green and lively forest and offers a diverse play experience, encouraging the development of physical skills such as balance, strength, and coordination, while promoting social inclusion and equal play opportunities.











Recycled HDPE

HDPE (High-Density Polyethylene) is a recycled material made from high-density polyethylene, produced from recycled materials that allows for further recycling. It excels in resistance to UV rays and wear and tear, making it particularly suitable for use in outdoor playground equipment. Its touch is smooth and pleasant, and its appearance is maintained over time. The advantages include high resistance to harsh weather conditions and environmental preservation. The material is capable of absorbing high energy, which helps prevent fractures.



Steel

Steel structure that is strong and durable, oven-painted galvanized and coated with lead-free polyester powder for corrosion and rust resistance.

The steel meets strict EN 1176 standards, ensuring high quality and safety.

The steel is anti-vandalistic, requires minimal maintenance, and is fully recyclable.

The high-quality paint ensures weather resistance and maintains a new appearance over time.



Rope Cables

Rope Cables are made of synthetic polypropylene (PP) fibers combined with a galvanized steel core for improved strength and durability. They meet strict standards, such as ASTM A240 and EN 10088, ensuring durability and safety for use in playground equipment. . The cables offer a soft and pleasant touch that does not harm the hands during use and are available in various diameters and colors, allowing for creative and aesthetic design.



Open Bridge

The open bridge allows safe and convenient passage between parts of the structure, developing players' motor skills and balance. The height dimension from the ground adds a sense of excitement and adventure as players practice maintaining stability and confidence while crossing the bridge. Playing on the bridge encourages movement and self-confidence.



Kalani Stepping Stones

Kalani stepping stones provide safe and pleasant surfaces for climbing and playing. Players develop physical skills such as strength, coordination, and balance while walking on the stones. The stepping stones encourage players to explore their environment and build self-confidence and independence as they enjoy the sense of achievement with every step.



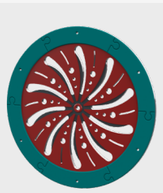
Designed Climbing Element

The designed climbing element combines physical challenge with a unique and inviting design. Players develop physical skills such as strength, coordination, and balance while playing in a creative and designed environment. The unique design encourages players to play and explore, fostering their imagination and creativity.



Double Slide

The double slide allows two players to slide simultaneously, encouraging friendly competition and the development of social skills. Shared sliding fosters cooperation and shared fun.



Play Panel

The play panel provides a variety of interactive play options that develop players' motor and cognitive skills. Each panel offers a unique activity that stimulates thinking and encourages players to learn and discover more.



Barrel Slide

The barrel slide provides an exciting and challenging sliding experience, combining movement with a sense of adventure. Sliding in this slide develops players' motor skills and coordination as they move through the tube at varying speeds. The sliding action boosts self-confidence and encourages daring as players face the challenge of fast movement. The slide is a fundamental and important element in any playground and is considered one of the leading and most beloved attractions for players of all ages.



Rope Ladder

The rope ladder provides vertical access to the play structure and encourages players to develop physical skills such as strength, coordination, and balance. Climbing the rope ladder strengthens hand and leg muscles and develops a sense of balance. The ladder encourages players to face challenges and develop flexibility and agility.



Ventilation Window

A ventilation window provides a sense of openness and ventilates the structure, enhancing the play experience and adding an element of enjoyment and freshness. It also allows for maintaining eye contact between the player and companion, strengthening the sense of security.





Motor Development

Foot-eye coordination - Improving coordination and balance through various equipment. Hand-eye coordination - Developing coordination and precision in activities requiring fine motor skills.

Cognitive Development

Curiosity - Encouraging exploration and discovery through equipment providing new and unfamiliar experiences.

Emotional Development

Confidence- Building self-confidence and belief in one's personal abilities. Independence- Developing independence and the ability to make personal decisions.

Social Development

Communication- Developing effective and clear communication skills with playmates Respect for boundaries- Learning the importance of respecting personal and social boundaries. Friendship creation- Creating friendships and strengthening social bonds.

Physical Development

Climbing - Strengthening arm and leg muscles, developing fitness and endurance Sliding - Strengthening leg and arm muscles and improving coordination.