

PLAYWORLD SYSTEMS, INC.
 1000 Buffalo Road
 Lewisburg, PA
 17837-9795 USA

EQUIPMENT SIZE:
 6'8" x 6'6" x 5'0"
 2,03M x 1,98M x 1,52M

USE ZONE:
 12'8" x 12'6"
 8,86M x 3,82M

AREA: PERIMETER:
 159 SqFt. 51 Ft.
 14,77 SqM. 15,54M

FALL HEIGHT:
 0'10"
 0,25M

USER CAPACITY: AGE GROUP:
 6 6-23mos

ASTM F2373-08

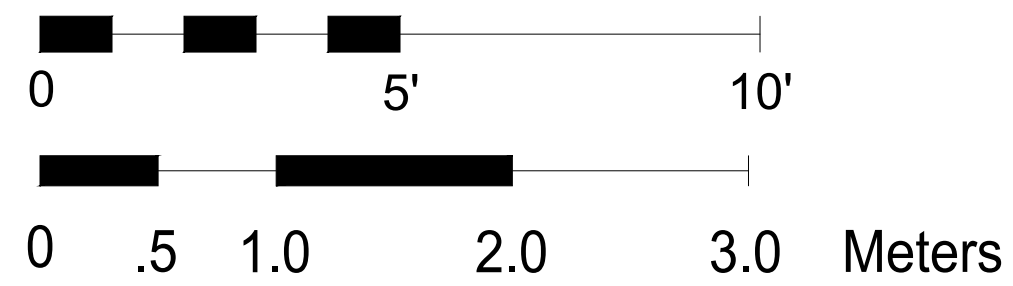
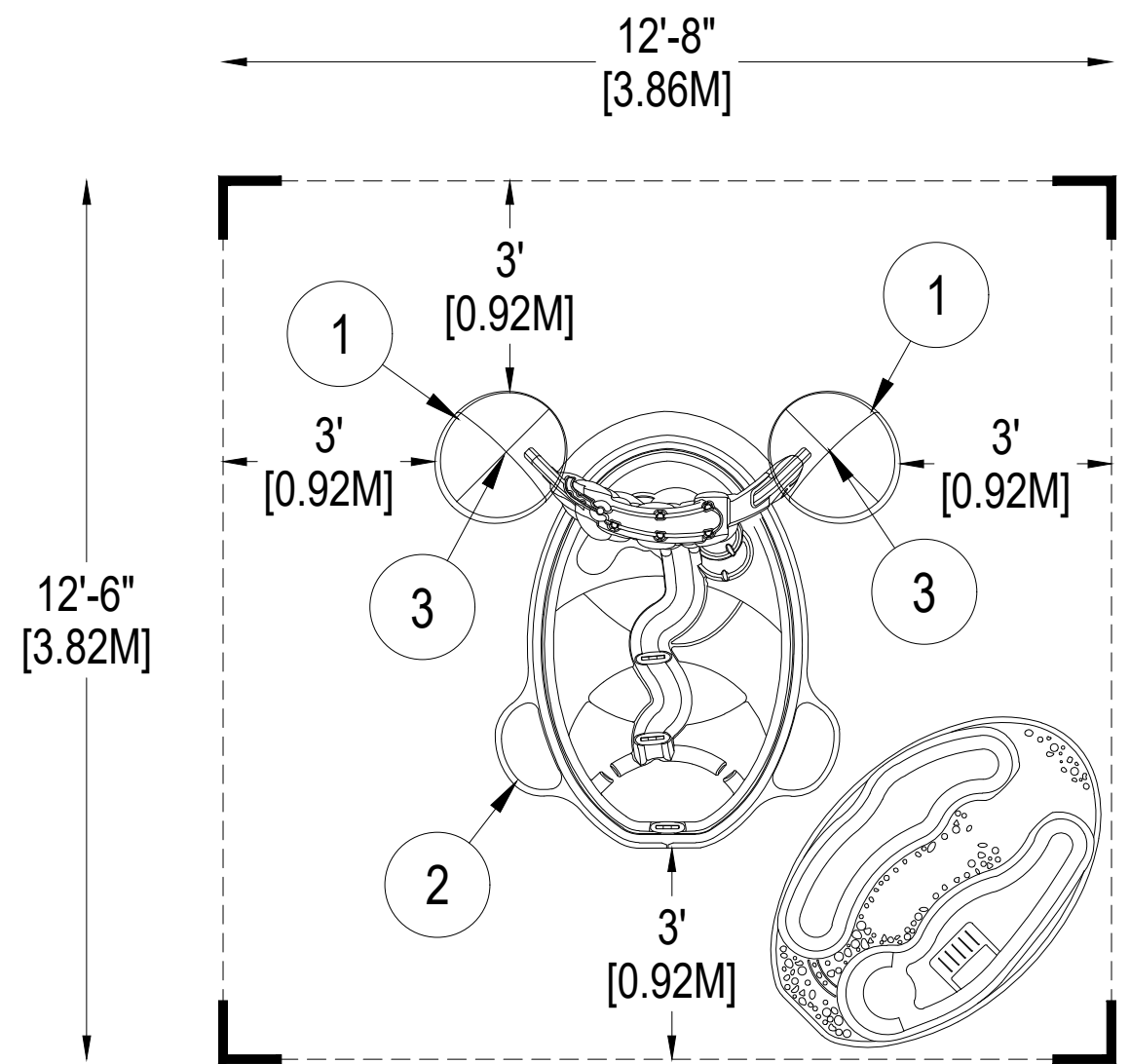
PROJECT NO: SCALE:
 FP-510M 3/8"=1'-0"

DRAWN BY: Paper Size
 B. TROUP

DATE: **B**
 24-SEPT-16

FIRSTPLAY TODDLER DESIGN #2
 CATALOG PRE-DESIGN

*PLAYGROUND SUPERVISION REQUIRED



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USER CAPACITY:	AGE GROUP:
6	6-23mos

✓ ASTM F2373-08



PROJECT NO: FP-510M	SCALE: 3/8"=1'-0"
DRAWN BY: B. TROUP	Paper Size B
DATE: 24-SEPT-16	

FIRSTPLAY TODDLER DESIGN #2
 CATALOG PRE-DESIGN

FirstPlay Toddler Design 2

Design Number: FP-510M - Bill Of Material

Ref. No.	Part No.	Description	Quantity
FirstPlay			
1	ZZFP4000	SUPPORT POST	2
2	ZZFP4005	SAND AND WATER PANEL	1
3	ZZFP4006	SUPPORT POST FILLER	2
Additional Tool & Maintenance Kits			
4	ZZUN9910	SURFACING WARNING LABEL KIT	1



FirstPlay Toddler Design 2

Post/Installation: Steel-Footed

Design Number: FP-510M - Pricing Schedule
2017 Pricing

Ref. No.	Part No.	Qty.	Description	Unit Weight (lbs)	Unit List (US\$)	Total Weight (lbs)	Total List (US\$)
Modular Playscape:							
FirstPlay							
1	ZZFP4000	2	SUPPORT POST	17.36	457.00	34.72	914.00
2	ZZFP4005	1	SAND AND WATER PANEL	126.8	2,169.00	126.80	2,169.00
3	ZZFP4006	2	SUPPORT POST FILLER	4.89	177.00	9.78	354.00
Additional Tool & Maintenance Kits							
4	ZZUN9910	1	SURFACING WARNING LABEL KIT	0.05	0.00	0.05	0.00
Total:						171.35	3,437.00
Independent Items:							
Total:						0.00	0.00
Grand Total:						171.35	3,437.00

Please Note:

1. When placing an order for this project, the drawing number is representative of the Playmakers, Challengers or Explorers playstructure only. Items listed under 'Independent Items' must be listed on your purchase order separately to be included.



FirstPlay Toddler Design 2

Design Number: FP-510M - Compliance and Technical Data

Reference Document: ASTM F1487

Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre-Consumer Recycled Content (lbs)	Post-Consumer Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
1	ZZFP4000	2	SUPPORT POST	N/A	34.72			369	2	1.00	0.00	2
2	ZZFP4005	1	SAND AND WATER PANEL	N/A	126.80			697	0	0.50	0.00	0
3	ZZFP4006	2	SUPPORT POST FILLER	N/A	9.78			127	0	0.50	0.00	0
4	ZZUN9910	1	SURFACING WARNING LABEL KIT	Certified	0.05			1	0	0.25	0.00	0
Totals:					171.35	0	0	1,194	2	2.25	0.00	2
					77.11 Kg	0 Kg	0 Kg	1 Metric Tons			0.00 m3	



FirstPlay Toddler Design 2

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ASTM F1487

The lay-out for this custom playscape, design number FP-510M, has been configured to meet the requirements of the ASTM F1487 standard. In addition, each of the above components listed as "Certified" have been tested and are IPEMA certified. Components listed as "Not Applicable" do not fall within the scope of the ASTM F1487 standard and have not been tested. IPEMA certification can be verified on the IPEMA website, www.ipema.org. In the interest of playground safety, IPEMA provides a Third Party Certification Service which validates compliance.

2010 ADA Standards for Accessible Design

The lay-out was also designed to meet the 2010 Standards published 15-Sep-2010, by the Department of Justice when installed over a properly maintained surfacing material that is in compliance with ASTM F1951 "Accessibility of Surface Systems Under and Around Playground Equipment" as well as ASTM F1292, "Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment", appropriate for the fall height of the structure.

Installation Times

Installation times are based on one experienced installer. A crew of three experienced individuals can perform the installation within the given time, each member working 1/3 of the given hours. [Eg. Installation Time = 30 hours. For a crew of three, each member will work 10 hours on the installation for a total of 30 hours on the project.]

Carbon Footprint

The CO2e (carbon footprint given in Kilograms and Metric Tons) listed above is a measure of the environmental impact this play structure represents from harvesting raw materials to the time it leaves our shipping dock. Playworld Systems nurtures a total corporate culture that is focused on eliminating carbon producing processes and products, reducing our use of precious raw materials, reusing materials whenever possible and recycling materials at every opportunity. Playworld Systems elected to adopt the Publicly Available Specification; PAS 2050 as published by the British Standards Institute and sponsored by Defra and the Carbon Trust. The PAS 2050 has gained international acceptance as a specification that measures the greenhouse gas emissions in services and goods throughout their entire life cycle.

Pre-Consumer Recycle Content

A measurement, in pounds, that qualifies the amount of material that was captured as waste and diverted from landfill during an initial manufacturing process and is being redirected to a separate manufacturing process to become a different product. E.g. 100% of our Aluminum Tubing is made from captured waste material during the manufacturing process of extruded Aluminum products such as rods, flat bars and H-channels.

Post-Consumer Recycle Content

A measurement, in pounds, that qualifies the amount of material that was once another product that has completed its lifecycle and has been diverted from a landfill as a solid waste through recycling and is now being used in a Playworld Systems' product. E.g. **20% to 40% of the steel in our steel tubing and sheet steel have been diverted from landfills. Automobiles are scrapped and recyclable steel is purchased by the steel mill that produces our raw product.

** The amount of Post-Consumer recycled steel fluctuates daily based on the availability of the recycled steel.



FirstPlay Toddler Design 2

Design Number: FP-510M - Compliance and Technical Data

Reference Document: CAN/CSA-Z614-14

Ref. No.	Part No.	Qty.	Description	Unit CSA Status	Total Weight (lbs)	Pre-Consumer Recycled Content (lbs)	Post-Consumer Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
1	ZZFP4000	2	SUPPORT POST	N/A	34.72			369	2	1.00	0.00	2
2	ZZFP4005	1	SAND AND WATER PANEL	N/A	126.80			697	0	0.50	0.00	0
3	ZZFP4006	2	SUPPORT POST FILLER	N/A	9.78			127	0	0.50	0.00	0
4	ZZUN9910	1	SURFACING WARNING LABEL KIT	Certified	0.05			1	0	0.25	0.00	0
Totals:					171.35	0	0	1,194	2	2.25	0.00	2
					77.11 Kg	0 Kg	0 Kg	1 Metric Tons			0.00 m3	



FirstPlay Toddler Design 2

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CAN/CSA-Z614-14

The lay-out for this custom playscape, design number FP-510M, has been configured to meet the requirements of the CAN/CSA-Z614-14 standard. In addition, each of the above components listed as "Certified" have been tested and are IPEMA certified. Components listed as "Not Applicable" do not fall within the scope of the CAN/CSA-Z614-14 standard and have not been tested. IPEMA certification can be verified on the IPEMA website, www.ipema.org. In the interest of playground safety, IPEMA provides a Third Party Certification Service which validates compliance.

Installation Times

Installation times are based on one experienced installer. A crew of three experienced individuals can perform the installation within the given time, each member working 1/3 of the given hours. [E.g. Installation Time = 30 hours. For a crew of three, each member will work 10 hours on the installation for a total of 30 hours on the project.]

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FirstPlay Toddler Design 2

Design Number: FP-510M - Compliance and Technical Data

Reference Document: EN1176:2008

Ref. No.	Part No.	Qty.	Description	Unit EN Status	Total Weight (lbs)	Pre-Consumer Recycled Content (lbs)	Post-Consumer Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
1	ZZFP4000	2	SUPPORT POST	N/A	34.72			369	2	1.00	0.00	2
2	ZZFP4005	1	SAND AND WATER PANEL	N/A	126.80			697	0	0.50	0.00	0
3	ZZFP4006	2	SUPPORT POST FILLER	N/A	9.78			127	0	0.50	0.00	0
4	ZZUN9910	1	SURFACING WARNING LABEL KIT	N/A	0.05			1	0	0.25	0.00	0
Totals:					171.35	0	0	1,194	2	2.25	0.00	2
					77.11 Kg	0 Kg	0 Kg	1 Metric Tons			0.00 m3	



FirstPlay Toddler Design 2

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EN1176:2008

This custom structure, drawing number FP-510M, has been designed to meet the general safety requirements of EN1176:2008. These requirements have been established with the consideration of the risk factor on available data. The items listed as certified have been reviewed and approved by a third party certification service. In addition to the product listing the overall layout and design of this structure, as shown in the plan, was completed in accordance with the general safety requirements of EN1176:2008.

Installation Times

Installation times are based on one experienced installer. A crew of three experienced individuals can perform the installation within the given time, each member working 1/3 of the given hours. [E.g. Installation Time = 30 hours. For a crew of three, each member will work 10 hours on the installation for a total of 30 hours on the project.]

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