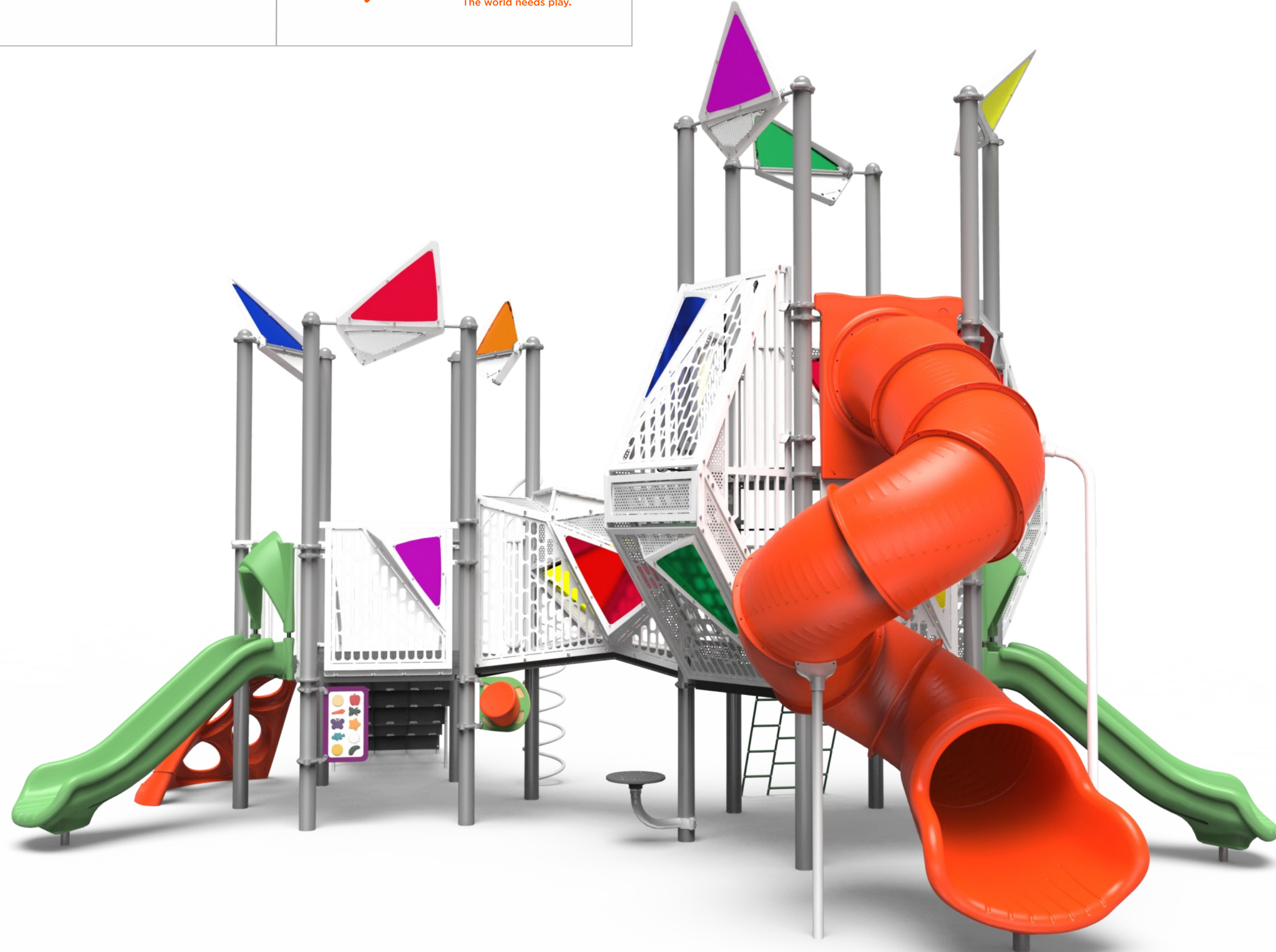


Lydia's Rainbow

500-2035

Equipment Manufacturer

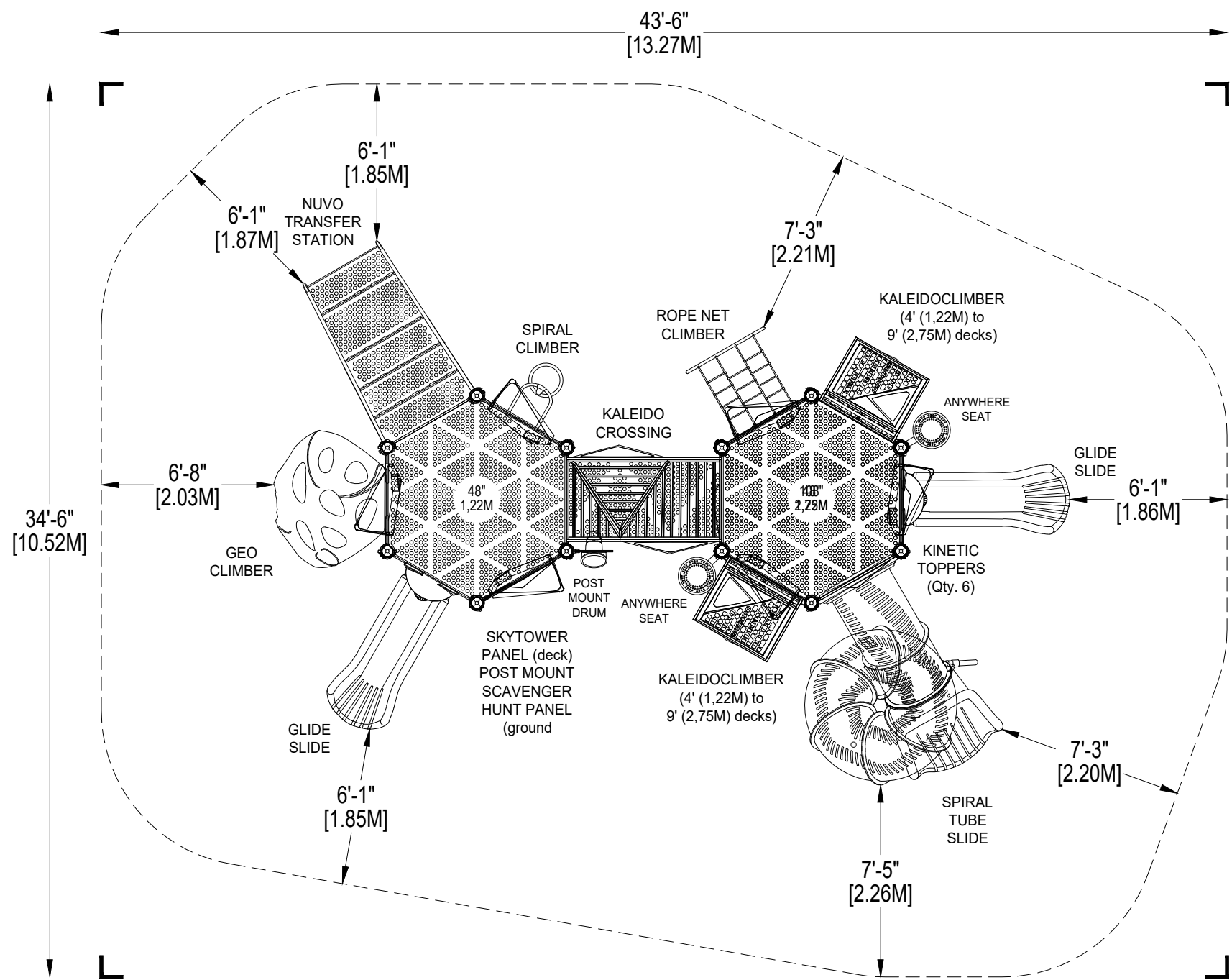


Lydia's Rainbow

500-2035

Equipment Manufacturer





*PLAYGROUND SUPERVISION REQUIRED



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

EQUIPMENT SIZE:
30'9" x 21' x 19'7"
 9,37M x 6,4M x 5,97M

USE ZONE:
43'6" x 34'6"
 13,27M x 10,52M

AREA: **1,257 SqFt.** PERIMETER: **131'9"**
 116,78 SqM. 40,16M

FALL HEIGHT:
9 Ft.
 2,75M

USER CAPACITY: **52** AGE GROUP: **5-12**

ADA SCHEDULE	Total Elevated Play Activities: 9		
	Total Ground-Level Play Activities: 4		
	Accessible Elevated Activities	Accessible Ground-Level Activities	Accessible Ground-Level Play Types
Required	5	4	3
Provided	6	4	3

✓ ASTM F1487-11
 ✓ CPSC #325



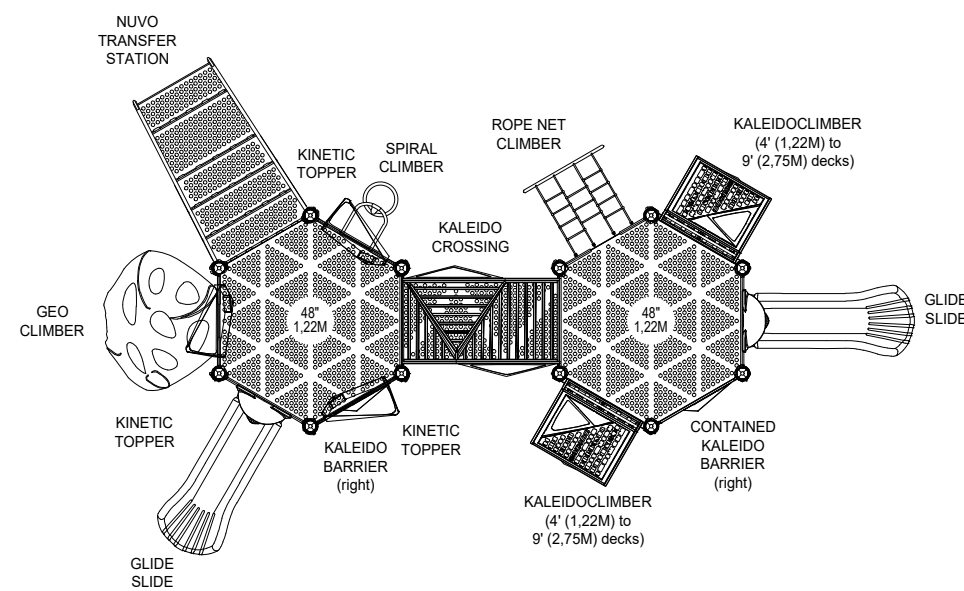
PROJECT NO: 500-2035	SCALE: 3/16"=1'-0"
DRAWN BY: M. MERTZ	Paper Size B
DATE: 09-DEC-19	

LYDIA'S RAINBOW
 CATALOG PRE-DESIGN

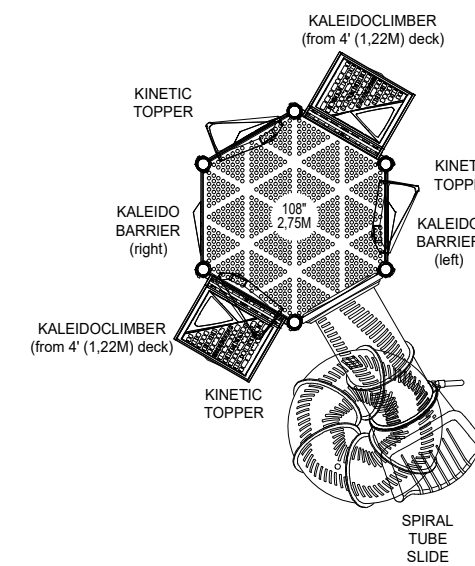
PLAYWORLD SYSTEMS, INC.
 1000 Buffalo Road
 Lewisburg, PA
 17837-9795 USA

NOTES:

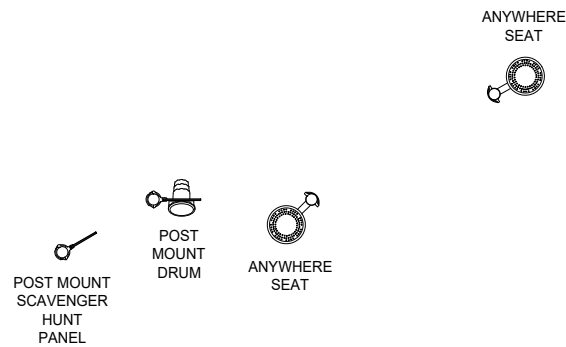
- 1) This tower detail is a diagram of the individual level layouts of the tower portion of your play structure, showing the detailed component layout of each level.
- 2) This tower detail is not to scale and is meant for reference purposes only. It should not be used in obtaining accurate measurements for any of the equipment shown unless otherwise noted on the drawing.
- 3) This design configuration is the property of this firm and Playworld Systems® and may not be reproduced or used in any manner without the expressed written consent of this firm and Playworld Systems®.



4' (1,22M) DECK LEVEL



9' (2,75M) DECK LEVEL



GROUND LEVEL

*PLAYGROUND SUPERVISION REQUIRED

**TOWER DETAIL:
Detail 1**

PROJECT NO: 500-2035	SCALE: NOT TO SCALE
DRAWN BY: M. MERTZ	Paper Size B
DATE: 09-DEC-19	

Lydia's Rainbow

Design Number: 500-2035 - Bill Of Material

Ref. No.	Part No.	Description	Quantity
Posts			
1	ZZPM0128	5in OD x 192in STEEL POST W/RIVETED CAP	6
2	ZZPM0399	5in OD X 250in STEEL POST W/ RIVETED CAP	6
Decks & Kick Plates			
3	ZZPM0619	HEX COATED DECK ASSEMBLY	3
ADA Items			
4	ZZPM0684	NUVO- 48in TRANSFER STATION	1
Slides			
5	ZZPM3006	30in ROUND TUBE SLIDE ENTRANCE/EXIT	1
6	ZZPM3126	GLIDE SLIDE (48in DECK)	2
7	ZZUN3007	30in ROUND STRAIGHT TUBE SECTION	1
8	ZZUN3009	30in ROUND RIGHT TUBE SECTION	6
9	ZZUN3019	ROUND SPIRAL TUBE SLIDE BENT LEG	1
10	ZZUN3029	ROUND TUBE SLIDE SUPPORT LEG 4ft	1
Activity Panels			
11	ZZPM4578	ANYWHERE SEAT	2
12	ZZPM4648	POST MOUNT SCAVENGER HUNT	1
SkyTower Barriers			
13	ZZPM4372	CONTAINMENT KALEIDOBARRIER FOR 60in DECK SPAN- RIGHT	1
14	ZZPM4373	KALEIDOBARRIER 44in TALL- LEFT	2
15	ZZPM4374	KALEIDOBARRIER 44in TALL- RIGHT	2
Climbers			
16	ZZPM6756	4ft GEO CLIMBER	1
17	ZZPM7227	ROPE CLIMBER (48in DECK)	1
18	ZZPM8150	SPIRAL CLIMBER (48in DECK)	1
SkyTower Climbers			
19	ZZPM6730	KALEIDOCLIMBER	2
SkyTower Bridges			
20	ZZPM6380	KALEIDOCROSSING	1
Audible Activities			
21	ZZPM4649	POST MOUNT DRUM	1
Roofs & Arches			
22	ZZPM4451	KINETIC TOPPER- STRAIGHT CLAMPS	6
Additional Tool & Maintenance Kits			
23	ZZUN1471	INSTALLER HARDWARE KIT	1
24	ZZUN9910	SURFACING WARNING LABEL KIT	1
25	ZZUN9930	PIPE SYSTEMS MAINTENANCE KIT W/ AEROSOL	1
26	ZZXXGNGUIC	GENERAL INSTALLERS GUIDE	1

Lydia's Rainbow

Design Number: 500-2035 - 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	ZZPM0128	6	5in OD x 192in STEEL POST W/RIVETED CAP	Certified	637.86			921	0	6.00	0.72	0
2	ZZPM0399	6	5in OD X 250in STEEL POST W/ RIVETED CAP	N/A	765.60			59	0	6.00	1.08	0
3	ZZPM0619	3	HEX COATED DECK ASSEMBLY	Certified	686.16			1,913	24	6.00	0.00	0
4	ZZPM0684	1	NUVO- 48in TRANSFER STATION	Certified	389.40			418	3	4.00	0.12	0
5	ZZPM3006	1	30in ROUND TUBE SLIDE ENTRANCE/EXIT	Certified	155.30			879	2	2.00	0.03	1
6	ZZPM3126	2	GLIDE SLIDE (48in DECK)	Certified	263.08			1,033	4	3.00	0.06	2
7	ZZUN3007	1	30in ROUND STRAIGHT TUBE SECTION	Certified	26.02			181	0	0.25	0.00	0
8	ZZUN3009	6	30in ROUND RIGHT TUBE SECTION	Certified	156.12			1,087	0	1.50	0.00	0
9	ZZUN3019	1	ROUND SPIRAL TUBE SLIDE BENT LEG	Certified	35.75			70	0	0.50	0.03	0
10	ZZUN3029	1	ROUND TUBE SLIDE SUPPORT LEG 4ft	Certified	18.15			53	0	0.50	0.03	0
11	ZZPM4578	2	ANYWHERE SEAT	Certified	64.70			186	2	0.50	0.00	2
12	ZZPM4648	1	POST MOUNT SCAVENGER HUNT	Certified	17.30			271	3	2.00	0.00	1
13	ZZPM4372	1	CONTAINMENT KALEIDOBARRIER FOR 60in DECK SPAN- RIGHT	N/A	64.80			TBD	0	1.00	0.00	0
14	ZZPM4373	2	KALEIDOBARRIER 44in TALL- LEFT	N/A	106.80			TBD	0	2.00	0.00	0
15	ZZPM4374	2	KALEIDOBARRIER 44in TALL- RIGHT	N/A	106.80			TBD	0	2.00	0.00	0
16	ZZPM6756	1	4ft GEO CLIMBER	Certified	127.92			553	2	2.00	0.09	1
17	ZZPM7227	1	ROPE CLIMBER (48in DECK)	Certified	62.08			1,593	2	2.00	0.06	1
18	ZZPM8150	1	SPIRAL CLIMBER (48in DECK)	Certified	97.67			219	2	1.50	0.04	1
19	ZZPM6730	2	KALEIDOCCLIMBER	N/A	819.80			TBD	4	4.00	0.00	2
20	ZZPM6380	1	KALEIDOCROSSING	N/A	416.50			TBD	3	2.00	0.00	1
21	ZZPM4649	1	POST MOUNT DRUM	Certified	14.22			174	1	0.50	0.00	1
22	ZZPM4451	6	KINETIC TOPPER- STRAIGHT CLAMPS	N/A	317.40			TBD	0	18.00	0.00	0
23	ZZUN1471	1	INSTALLER HARDWARE KIT	N/A				57				
24	ZZUN9910	1	SURFACING WARNING LABEL KIT	Certified	0.05			1	0	0.25	0.00	0
25	ZZUN9930	1	PIPE SYSTEMS MAINTENANCE KIT W/ AEROSOL	N/A				90				
26	ZZXXGNGUIC	1	GENERAL INSTALLERS GUIDE	N/A				1				



Lydia's Rainbow

Design Number: 500-2035 - 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
Totals:					5,349.48	473	1,097	9,757	52	67.50	2.26	13
					2,407.27 Kg	213 Kg	494 Kg	10 Metric Tons			1.72 m3	



Lydia's Rainbow

Design Number: 500-2035 - 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
----------	----------	------	-------------	------------------	--------------------	-------------------------------------	-----------------------------	----------------------	-------	---------------	-----------------	--------------------

ASTM F1487

The lay-out for this custom playscape, design number 500-2035, 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.

