Lucy Lincoln Hienstand Park

Madison, WI

Option #2

View A

View B

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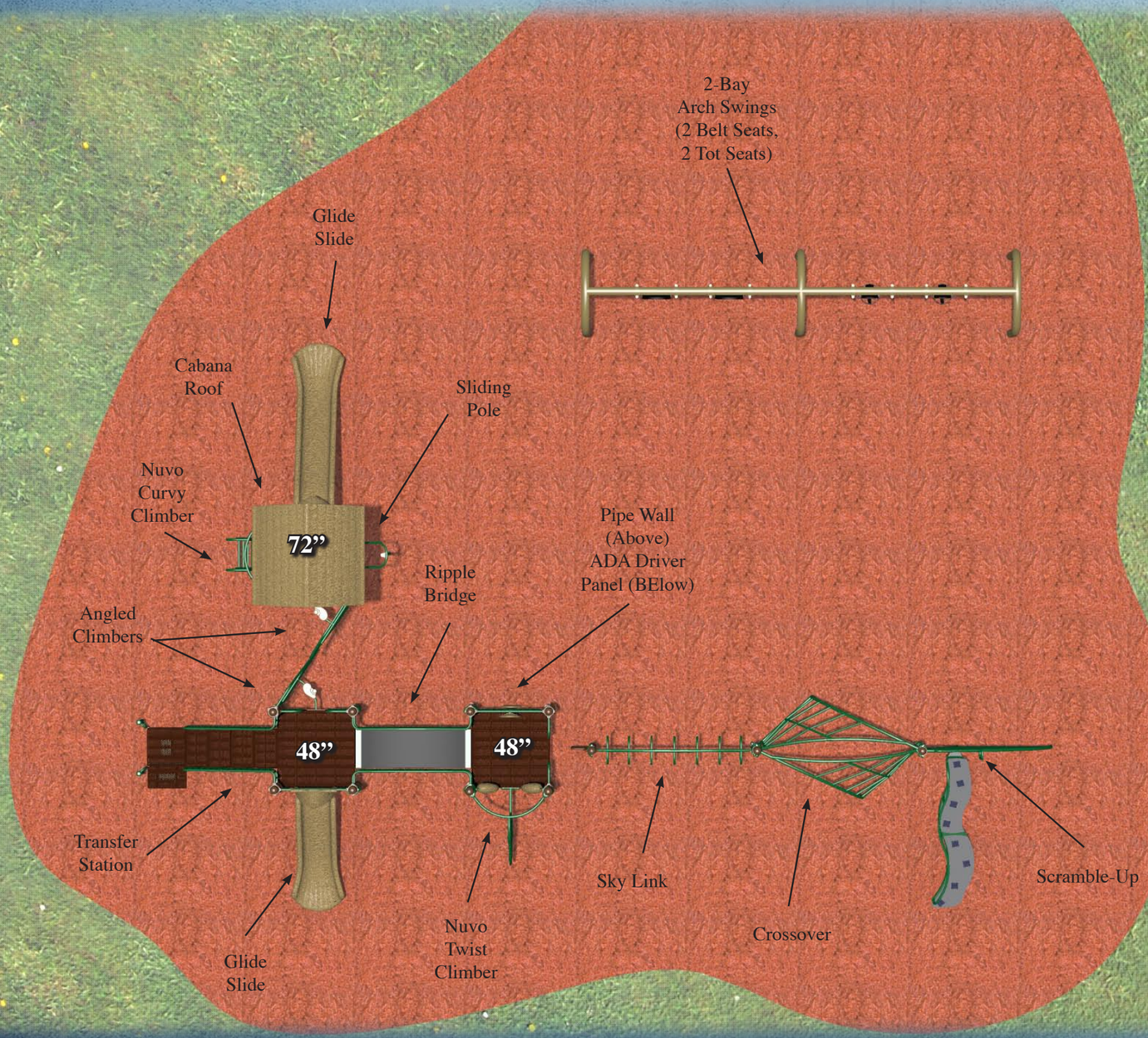
Madison, WI

Option #2



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Complies With:

- ☒ ASTM F1487-01
- ☒ ASTM F1487-98
- ☒ CPSC #325
- ☒ ADA-ADAAG

Design Number: PW030714
Use Zone:
# of Users: 44
# of Active Play Events: 17
Age: 5 to 12

Colors Shown:

- Chocolate
- Green
- Sand
- Brownstone

PLAYWORLD SYSTEMS®
The world needs play.®

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Design Number: 2 - Bill Of Material

Ref. No.	Part No.	Description	Quantity
	Posts		
1	ZZPM0026	5in OD X 132in STEEL POST W/ RIVETED CAP	5
2	ZZPM0036	5in OD X 144in STEEL POST W/ RIVETED CAP	1
3	ZZPM0036GZ	5in OD X 144in STEEL POST (GROUND ZERO)	2
4	ZZPM0046	5in OD X 156in STEEL POST W/ RIVETED CAP	2
5	ZZPM0079	5in OD x 205in STEEL POST W/O CAP	4
	Decks & Kick Plates		
6	ZZPM0616	SQUARE COATED DECK ASSEMBLY	3
	ADA Items		
7	ZZPM2027	TRANSFER STATION (48in DECK)	1
8	ZZUN2019	APPROACH STEP FOR TRANSFER STATION	1
	Slides		
9	ZZPM2696	GLIDE SLIDE (72in DECK)	1
10	ZZPM3126	GLIDE SLIDE (48in DECK)	1
11	ZZPM8090	SLIDING POLE (72in DECK)	1
	Activity Panels		
12	ZZPM4406	ACCESSIBLE DRIVING PANEL	1
13	ZZUN4300	STEERING WHEEL (PIPE WALL MOUNT)	1
	Barriers		
14	ZZPM4090	CENTERLINE PIPE WALL BARRIER	1
15	ZZPM4288	ACCESS GATE	1
	Climbers		
16	ZZPM7047	48in TWIST CLIMBER	1
17	ZZPM7059	72in CURVY CLIMBER	1
18	ZZPM7180	ANGLED CLIMBER SMALL (48in DECK)	1
19	ZZPM7196	ANGLED CLIMBER LARGE (72in DECK)	1
	Ground Zer0 Climbers		
20	ZZPM0297	POST W/ LADDER CLIMBER (36in OR 48in DECK)	1
21	ZZPM8476	ARCH CLIMBER W/ SCRAMBLE-UP (RIGHT)	1
22	ZZPM9087	THE CROSSOVER	1
	GroundZer0 Overhead Events		
23	ZZPM8450	THE SKY LINK	1
	Bridges		
24	ZZPM8480	6ft RIPPLE BRIDGE	1
	Roofs & Arches		
25	ZZPM9846	CABANA ROOF	1

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Design Number: 2 - Compliance and Technical Data
Reference Document: ASTM F1487

Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre- Post-Consumer Recycled Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
1	ZZXX0260	2	BELT SEAT W/SILVER SHIELD CHAIN FOR 8ft TOP RAIL	Certified	17.60		108	2	0.50	0.00	2
2	ZZXX0265	2	INFANT SEAT W/SILVER SHIELD FOR 8ft TOP RAIL	Certified	22.62		179	2	0.50	0.00	2
3	ZZXX0287	1	5in OD 2-UNIT ALUMINUM ARCH SWING W-8ft TOP RAIL	Certified	213.00		1,166	0	3.00	0.52	0
4	ZZXX0370	1	5in OD ALUMINUM ARCH SWING 2-UNIT ADD-A-BAY	Certified	145.40		773	0	3.00	0.26	0
5	ZZPM0026	5	5in OD X 132in STEEL POST W/ RIVETED CAP	Certified	371.05		542	0	5.00	0.60	0
6	ZZPM0036	1	5in OD X 144in STEEL POST W/ RIVETED CAP	Certified	80.91		117	0	1.00	0.13	0
7	ZZPM0036GZ	2	5in OD X 144in STEEL POST (GROUND ZERO)	Certified	160.82		235	0	3.00	0.36	0
8	ZZPM0046	2	5in OD X 156in STEEL POST W/ RIVETED CAP	Certified	175.42		253	0	2.00	0.26	0
9	ZZPM0079	4	5in OD x 205in STEEL POST W/O CAP	Certified	454.84		618	0	4.00	0.52	0
10	ZZPM0616	3	SQUARE COATED DECK ASSEMBLY	Certified	271.08		662	12	3.00	0.00	0
11	ZZPM2027	1	TRANSFER STATION (48in DECK)	Certified	287.44		567	3	2.00	0.09	0
12	ZZUN2019	1	APPROACH STEP FOR TRANSFER STATION	Certified	35.83		72	1	1.00	0.04	0
13	ZZPM2696	1	GLIDE SLIDE (72in DECK)	Certified	163.44		678	2	2.00	0.03	1
14	ZZPM3126	1	GLIDE SLIDE (48in DECK)	Certified	131.54		517	2	2.00	0.03	1
15	ZZPM8090	1	SLIDING POLE (72in DECK)	Certified	71.37		178	1	1.00	0.03	1
16	ZZPM4406	1	ACCESSIBLE DRIVING PANEL	Certified	31.59		237	1	0.50	0.00	1
17	ZZUN4300	1	STEERING WHEEL (PIPE WALL MOUNT)	Certified	5.39		28	1	0.25	0.00	1
18	ZZPM4090	1	CENTERLINE PIPE WALL BARRIER	Certified	37.22		95	0	0.50	0.00	0
19	ZZPM4288	1	ACCESS GATE	Certified	34.38		92	0	0.50	0.00	0
20	ZZPM7047	1	48in TWIST CLIMBER	Certified	106.97		645	1	1.50	0.03	1
21	ZZPM7059	1	72in CURVY CLIMBER	Certified	95.53		577	1	2.00	0.06	1
22	ZZPM7180	1	ANGLED CLIMBER SMALL (48in DECK)	Certified	74.33		204	2	1.00	0.00	1

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Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre-Consumer Recycled Content (lbs)	Post-Consumer Recycled Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
23	ZZPM7196	1	ANGLED CLIMBER LARGE (72in DECK)	Certified	81.33			213	2	1.00	0.00	1
24	ZZPM0297	1	POST W/ LADDER CLIMBER (36in OR 48in DECK)	Certified	74.81			131	1	0.50	0.13	1
25	ZZPM8476	1	ARCH CLIMBER W/ SCRAMBLE-UP (RIGHT)	Certified	327.80			941	0	2.00	0.12	0
26	ZZPM9087	1	THE CROSSOVER	Certified	192.52			404	4	1.50	0.06	1
27	ZZPM8450	1	THE SKY LINK	Certified	55.09			129	2	0.50	0.00	1
28	ZZPM8480	1	6ft RIPPLE BRIDGE	Certified	162.32			623	4	2.00	0.00	1
29	ZZPM9846	1	CABANA ROOF	Certified	123.05			527	0	0.50	0.00	0
				Totals:	**4,004.69**	**588**	**1,152**	**11,508**	**44**	**47.25**	**3.27**	**17**
					1,802.11 Kg	**265 Kg**	**518 Kg**	**12 Metric Tons**			**2.49 m3**	

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Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre-Consumer Recycled Content (lbs)	Post-Consumer Recycled Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events

ASTM F1487

The lay-out for this custom playscape, design number 2, 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.