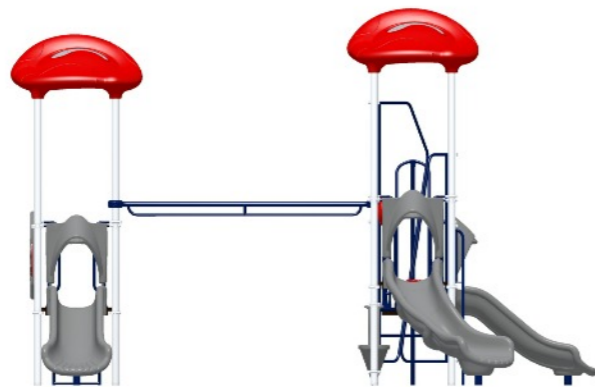


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IPL-1513

Equipment Manufacturer

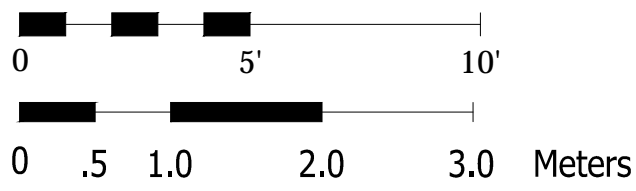
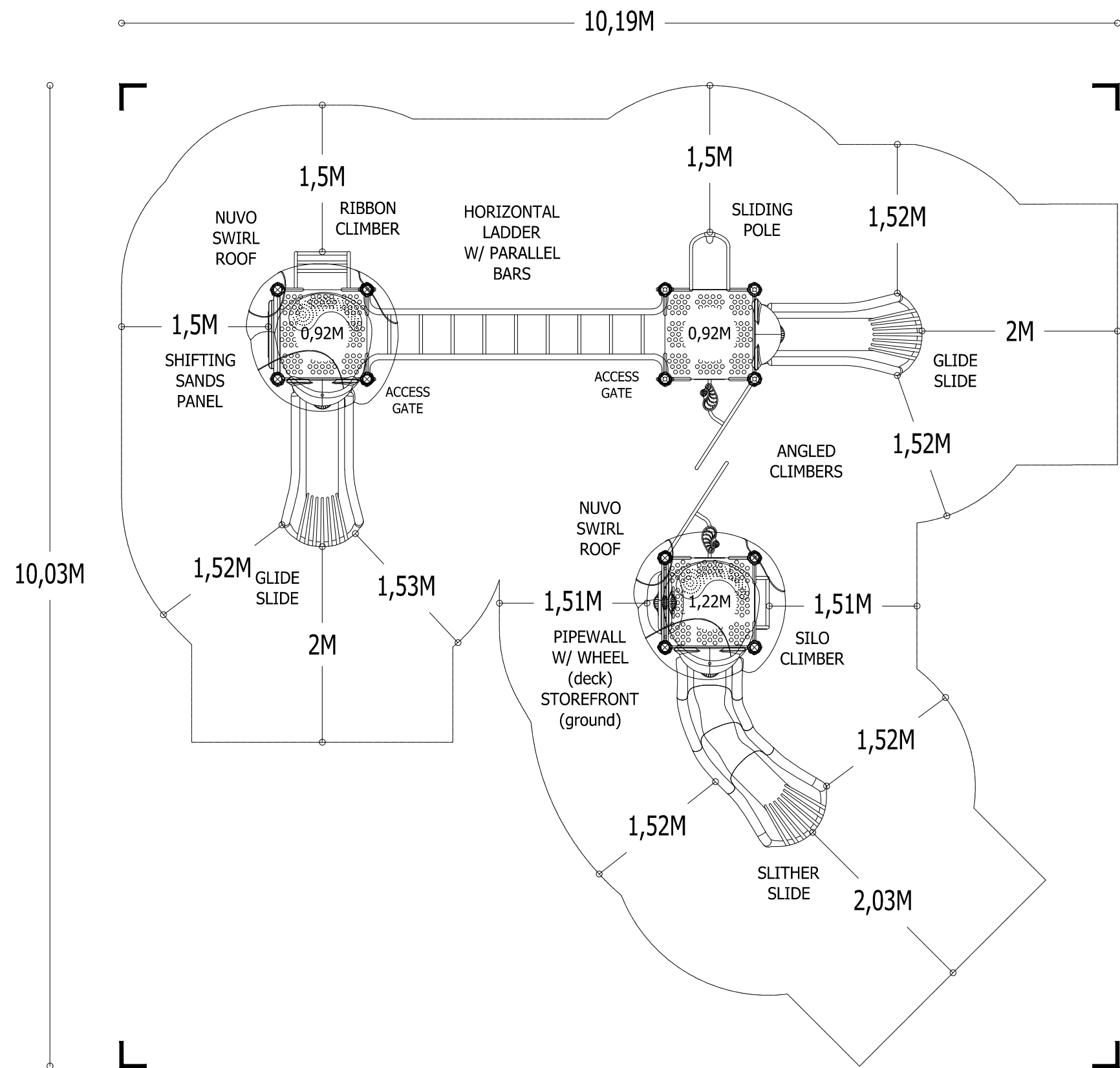


FRONT



SIDE





Playworld Systems, Inc.
 1000 Buffalo Road
 Lewisburg, PA
 17837-9795 USA

EQUIPMENT SIZE:
6,91M x 6,29M x 4,44M

USE ZONE:
10,4M x 10,17M

AREA: **67,15 SqM** PERIMETER: **39,54M**

FALL HEIGHT:
2,15M

USER CAPACITY: **31** AGE GROUP: **6-14**

✓ EN-1176

PROJECT NO:
IPL-1513A

SCALE:
1:50

DRAWN BY:
J. KAZAKAVAGE

DATE:
11-SEP-15

Paper Size
A3

*PLAYGROUND SUPERVISION REQUIRED

HADID
 INTERNATIONAL COLLECTION

Hadid

Design Number: IPL-1513A - Bill Of Material

Ref. No.	Part No.	Description	Quantity
Posts			
1	ZZCH0018	3.5in OD x 124in STEEL POST W/RIVETED CAP	1
2	ZZCH0028	3.5in OD x 136in STEEL POST W/ RIVETED CAP	2
3	ZZCH0038	3.5in OD x 148in STEEL POST W/ RIVETED CAP	1
4	ZZCH0059	3.5in OD x 172in STEEL POST W/O CAP	4
5	ZZCH0069	3.5in OD x 184in STEEL POST W/O CAP	4
Decks & Kick Plates			
6	ZZCH0616	SQUARE COATED DECK ASSEMBLY	3
Slides			
7	ZZCH3127	GLIDE SLIDE (36in DECK)	2
8	ZZCH3206	SLITHER SLIDE 2.0 ENTRANCE & EXIT	1
9	ZZCH8060	SLIDING POLE (36in DECK)	1
10	ZZUN3209	SLITHER SLIDE 2.0 (LEFT SECTION)	2
Activity Panels			
11	ZZCH4646	STORE FRONT PANEL	1
12	ZZCH4807	OVAL INSERT PANEL (DECK MOUNT)	1
13	ZZUN4299	STEERING WHEEL (CH/EX PIPE WALL MOUNT FOR 4in CENTERS)	1
14	ZZUN4806	SHIFTING SANDS PANEL INSERT	1
Barriers			
15	ZZCH4095	CENTERLINE PIPE WALL BARRIER	1
16	ZZCH4288	ACCESS GATE	2
Climbers			
17	ZZCH7179	ANGLED CLIMBER SMALL (36in DECK)	1
18	ZZCH7189	ANGLED CLIMBER LARGE (48in DECK)	1
19	ZZCH7950	SILO CLIMBER (48in DECK)	1
20	ZZCH8289	RIBBON CLIMBER (36in DECK)	1
Overhead Events			
21	ZZCH6936	HORIZONTAL LADDER W/ PARALLEL BARS	1
Roofs & Arches			
22	ZZCH9868	NUVO SWIRL ROOF	2
Additional Tool & Maintenance Kits			
23	ZZCHGUID	CHALLENGER GUIDELINES	1
24	ZZUN9910	SURFACING WARNING LABEL KIT	1
25	ZZUN9935	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	1
26	ZZXX0049	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	1
27	ZZXX0109	EN-1176 LABEL	1

Hadid

Design Number: IPL-1513A - 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	ZZCH0018	1	3.5in OD x 124in STEEL POST W/RIVETED CAP	Certified	38.91			54	0	1.00	0.13	0
2	ZZCH0028	2	3.5in OD x 136in STEEL POST W/ RIVETED CAP	Certified	87.02			117	0	2.00	0.25	0
3	ZZCH0038	1	3.5in OD x 148in STEEL POST W/ RIVETED CAP	Certified	47.11			63	0	1.00	0.13	0
4	ZZCH0059	4	3.5in OD x 172in STEEL POST W/O CAP	Certified	206.44			273	0	4.00	0.50	0
5	ZZCH0069	4	3.5in OD x 184in STEEL POST W/O CAP	Certified	226.84			292	0	4.00	0.50	0
6	ZZCH0616	3	SQUARE COATED DECK ASSEMBLY	Certified	164.58			521	9	3.00	0.00	0
7	ZZCH3127	2	GLIDE SLIDE (36in DECK)	Certified	199.46			748	6	4.00	0.06	2
8	ZZCH3206	1	SLITHER SLIDE 2.0 ENTRANCE & EXIT	Certified	85.37			424	2	2.00	0.03	1
9	ZZCH8060	1	SLIDING POLE (36in DECK)	Certified	54.53			154	1	1.50	0.03	1
10	ZZUN3209	2	SLITHER SLIDE 2.0 (LEFT SECTION)	Certified	39.18			267	0	0.50	0.00	0
11	ZZCH4646	1	STORE FRONT PANEL	Certified	33.98			243	3	1.00	0.00	1
12	ZZCH4807	1	OVAL INSERT PANEL (DECK MOUNT)	Certified	28.16			211	0	0.50	0.00	0
13	ZZUN4299	1	STEERING WHEEL (CH/EX PIPE WALL MOUNT FOR 4in CENTERS)	Certified	5.29			27	1	0.25	0.00	1
14	ZZUN4806	1	SHIFTING SANDS PANEL INSERT	Certified	22.97			256	1	0.50	0.00	1
15	ZZCH4095	1	CENTERLINE PIPE WALL BARRIER	Certified	28.74			71	0	0.50	0.00	0
16	ZZCH4288	2	ACCESS GATE	Certified	34.68			131	0	1.00	0.00	0
17	ZZCH7179	1	ANGLED CLIMBER SMALL (36in DECK)	Certified	54.41			169	2	1.00	0.00	1
18	ZZCH7189	1	ANGLED CLIMBER LARGE (48in DECK)	Certified	57.91			174	2	1.00	0.00	1
19	ZZCH7950	1	SILO CLIMBER (48in DECK)	Certified	74.18			134	1	1.50	0.06	1
20	ZZCH8289	1	RIBBON CLIMBER (36in DECK)	Certified	35.02			101	2	1.50	0.06	1
21	ZZCH6936	1	HORIZONTAL LADDER W/ PARALLEL BARS	Certified	126.22			251	1	0.00	0.00	1
22	ZZCH9868	2	NUVO SWIRL ROOF	Certified	160.66			965	0	2.00	0.00	0
23	ZZCHGUID	1	CHALLENGER GUIDELINES	N/A	0.00			1	0	0.25	0.00	0
24	ZZUN9910	1	SURFACING WARNING LABEL KIT	N/A	0.05			1	0	0.25	0.00	0



Hadid

Design Number: IPL-1513A - 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
25	ZZUN9935	1	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	N/A				57				
26	ZZXX0049	1	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	Certified	4.51			158	0	0.00	0.00	0
27	ZZXX0109	1	EN-1176 LABEL	Certified	0.01			0	0	0.50	0.00	0
Totals:					1,816.23	238	488	5,861	31	34.75	1.74	12
					817.30 Kg	107 Kg	220 Kg	6 Metric Tons				1.32 m3



Hadid

Design Number: IPL-1513A - 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
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EN1176:2008

This custom structure, drawing number IPL-1513A, 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.]

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.

