

Maya

IPL-1416

Equipment Manufacturer



FRONT



SIDE





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

EQUIPMENT SIZE:
9,03M x 5,29M x 3,47M

USE ZONE:
13,13M x 9,36M

AREA: **82,27 SqM.** PERIMETER: **38,25M**

FALL HEIGHT:
1,83M

USER CAPACITY: **42** AGE GROUP: **6-14**

ADA SCHEDULE	Total Elevated Play Activities: 8		
	Total Ground-Level Play Activities: 3		
	Accessible Elevated Activities	Accessible Ground-Level Activities	Accessible Ground-Level Play Types
Required	4	3	3
Provided	8	3	3

✓ EN-1176



PROJECT NO:
IPL-1416B

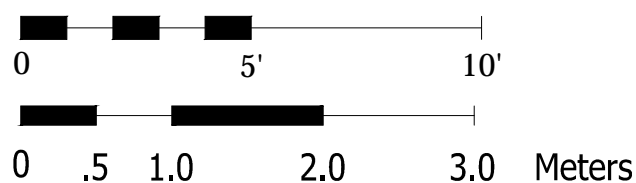
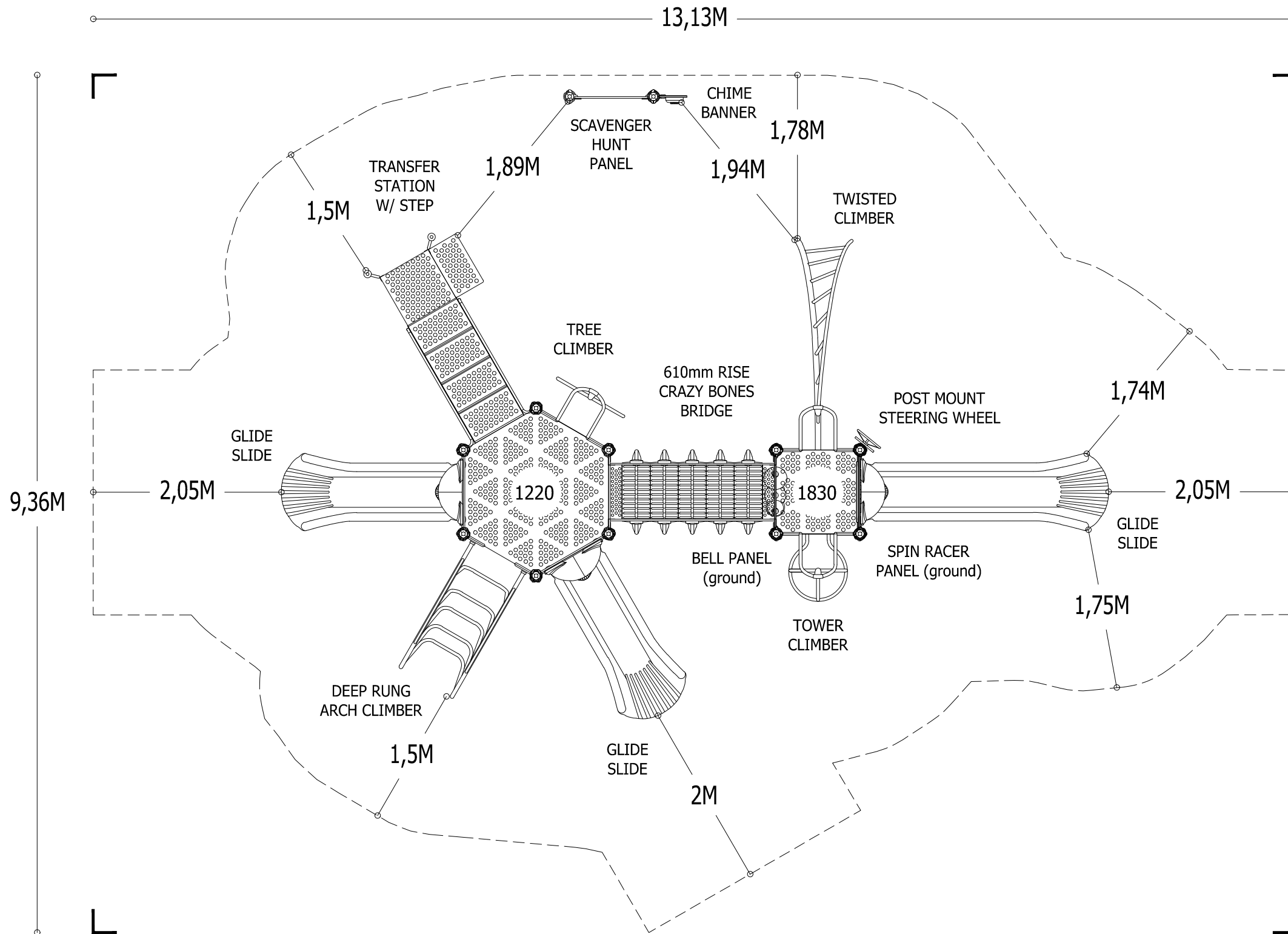
SCALE:
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DRAWN BY:
J. KAZAKAVAGE

Paper Size

DATE:
11-SEP-15

A3



*PLAYGROUND SUPERVISION REQUIRED

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INTERNATIONAL COLLECTION

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Design Number: IPL-1416B - Bill Of Material

Ref. No.	Part No.	Description	Quantity
Posts			
1	ZZCH0028	3.5in OD x 136in STEEL POST W/ RIVETED CAP	6
2	ZZCH0048	3.5in OD x 160in STEEL POST W/ RIVETED CAP	4
3	ZZCH0356	3.50in x 88in STEEL POST w/CAP	2
Decks & Kick Plates			
4	ZZCH0616	SQUARE COATED DECK ASSEMBLY	1
5	zzCH0619	FULL HEX COATED DECK ASSEMBLY	1
ADA Items			
6	ZZCH2027	TRANSFER STATION (48in DECK)	1
7	ZZUN2019	APPROACH STEP FOR TRANSFER STATION	1
Slides			
8	ZZCH2696	GLIDE SLIDE (72in DECK)	1
9	ZZCH3126	GLIDE SLIDE (48in DECK)	2
Activity Panels			
10	ZZCH4290	POST MOUNTED STEERING WHEEL	1
11	ZZch4538	SPIN RACER PANEL (GROUND LEVEL)	1
12	ZZCH4547	SCAVENGER HUNT (GROUND LEVEL)	1
Climbers			
13	ZZCH7160	6ft TWISTED CLIMBER	1
14	ZZCH7168	6ft TOWER CLIMBER	1
15	ZZCH7410	DEEP RUNG ARCH CLIMBER (48in DECK)	1
16	ZZCH8190	TREE CLIMBER (48in DECK)	1
Bridges			
17	ZZCH6479	CRAZY BONES 6ft x 2ft RISE BRIDGE	1
Audible Activities			
18	ZZCH4589	BELL PANEL (GROUND LEVEL)	1
19	ZZCH4608	CHIME BANNER	1
Additional Tool & Maintenance Kits			
20	ZZCHGUID	CHALLENGER GUIDELINES	1
21	ZZUN9910	SURFACING WARNING LABEL KIT	1
22	ZZUN9935	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	1
23	ZZXX0049	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	1
24	ZZXX0109	EN-1176 LABEL	1

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Design Number: IPL-1416B - 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	ZZCH0028	6	3.5in OD x 136in STEEL POST W/ RIVETED CAP	Certified	261.06			351	0	6.00	0.75	0
2	ZZCH0048	4	3.5in OD x 160in STEEL POST W/ RIVETED CAP	Certified	200.84			272	0	4.00	0.50	0
3	ZZCH0356	2	3.50in x 88in STEEL POST w/CAP	Certified	59.42			79	0	2.00	0.26	0
4	ZZCH0616	1	SQUARE COATED DECK ASSEMBLY	Certified	54.86			174	3	1.00	0.00	0
5	zzCH0619	1	FULL HEX COATED DECK ASSEMBLY	Certified	151.26			444	6	1.50	0.00	0
6	ZZCH2027	1	TRANSFER STATION (48in DECK)	Certified	254.26			492	3	2.50	0.09	0
7	ZZUN2019	1	APPROACH STEP FOR TRANSFER STATION	Certified	35.83			72	1	1.00	0.04	0
8	ZZCH2696	1	GLIDE SLIDE (72in DECK)	Certified	151.63			653	2	2.00	0.03	1
9	ZZCH3126	2	GLIDE SLIDE (48in DECK)	Certified	239.46			983	6	4.00	0.06	2
10	ZZCH4290	1	POST MOUNTED STEERING WHEEL	Certified	7.83			44	1	0.25	0.00	1
11	ZZch4538	1	SPIN RACER PANEL (GROUND LEVEL)	Certified	47.14			414	3	1.00	0.00	1
12	ZZCH4547	1	SCAVENGER HUNT (GROUND LEVEL)	Certified	42.88			512	3	2.00	0.00	1
13	ZZCH7160	1	6ft TWISTED CLIMBER	Certified	117.65			241	2	2.00	0.60	1
14	ZZCH7168	1	6ft TOWER CLIMBER	Certified	100.77			242	2	2.00	0.06	1
15	ZZCH7410	1	DEEP RUNG ARCH CLIMBER (48in DECK)	Certified	93.26			187	2	2.00	0.06	1
16	ZZCH8190	1	TREE CLIMBER (48in DECK)	Certified	73.93			176	2	1.50	0.03	1
17	ZZCH6479	1	CRAZY BONES 6ft x 2ft RISE BRIDGE	Certified	305.36			2,210	2	4.00	0.00	1
18	ZZCH4589	1	BELL PANEL (GROUND LEVEL)	Certified	46.91			381	2	1.00	0.00	1
19	ZZCH4608	1	CHIME BANNER	Certified	26.43			260	2	0.75	0.00	1
20	ZZCHGUID	1	CHALLENGER GUIDELINES	N/A	0.00			1	0	0.25	0.00	0
21	ZZUN9910	1	SURFACING WARNING LABEL KIT	N/A	0.05			1	0	0.25	0.00	0
22	ZZUN9935	1	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	N/A				57				
23	ZZXX0049	1	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	Certified	4.51			158	0	0.00	0.00	0
24	ZZXX0109	1	EN-1176 LABEL	Certified	0.01			0	0	0.50	0.00	0
Totals:					2,275.35	340	563	8,403	42	41.50	2.48	13



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						1,023.91 Kg	153 Kg	253 Kg	8 Metric Tons			1.88 m3	

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EN1176:2008

This custom structure, drawing number IPL-1416B, 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.

