

Technik

IPL-1504

Equipment Manufacturer

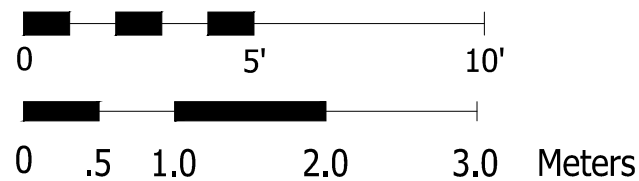
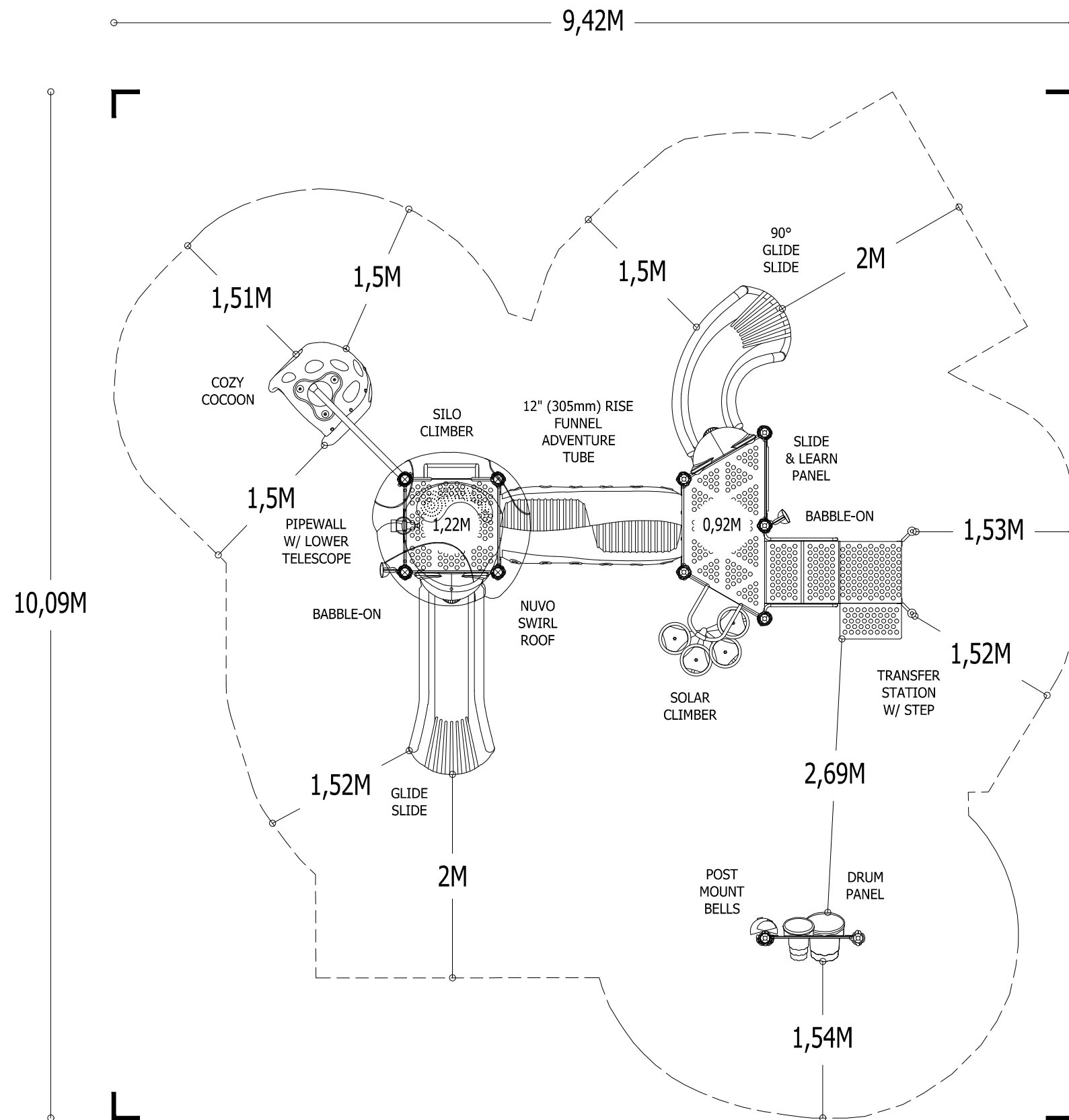


FRONT



SIDE





*PLAYGROUND SUPERVISION REQUIRED



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

EQUIPMENT SIZE:
4,8M x 6,36M x 4,14M

USE ZONE:
9,42M x 10,09M

AREA: **66,31 SqM** PERIMETER: **35,78 M**

FALL HEIGHT:
1,22M

USER CAPACITY: **31** AGE GROUP: **2-6**

ADA SCHEDULE	Total Elevated Play Activities: 7		
	Total Ground-Level Play Activities: 5		
	Accessible Elevated Activities	Accessible Ground-Level Activities	Accessible Ground-Level Play Types
Required	4	3	3
Provided	7	5	3

✓ EN-1176



PROJECT NO:
IPL--1504A

SCALE:
1:50

DRAWN BY:
M. MERTZ

Paper Size

DATE:
11-SEP-15

A3

TECHNIK
 INTERNATIONAL COLLECTION

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Design Number: IPL-1504A - Bill Of Material

Ref. No.	Part No.	Description	Quantity
Posts			
1	ZZCH0018	3.5in OD x 124in STEEL POST W/RIVETED CAP	3
2	ZZCH0038	3.5in OD x 148in STEEL POST W/ RIVETED CAP	2
3	ZZCH0059	3.5in OD x 172in STEEL POST W/O CAP	4
4	ZZCH0356	3.50in x 88in STEEL POST w/CAP	2
Decks & Kick Plates			
5	ZZCH0616	SQUARE COATED DECK ASSEMBLY	1
6	ZZCH0618	1/2 HEX COATED DECK ASSEMBLY	1
ADA Items			
7	ZZCH2007	TRANSFER STATION w/TALL GUARDRAIL (36in DECK)	1
8	ZZUN2019	APPROACH STEP FOR TRANSFER STATION	1
GroundZero ADA Items			
9	ZZCH8599	COZY COCOON	1
Slides			
10	ZZCH3126	GLIDE SLIDE (48in DECK)	1
11	ZZCH3129	90 DEGREE GLIDE SLIDE (36in DECK)	1
Activity Panels			
12	ZZCH4446	SLIDE-N-LEARN PANEL	1
13	ZZUN4279	TELESCOPE PIPE WALL MOUNT (CH/EX)	1
Crawl Tubes			
14	ZZCH5638	FUNNEL ADVENTURE TUBE 1ft RISE	1
Barriers			
15	ZZCH4095	CENTERLINE PIPE WALL BARRIER	1
Climbers			
16	ZZCH7657	SOLAR CLIMBER (36in & 30in DECK)	1
17	ZZCH7950	SILO CLIMBER (48in DECK)	1
Audible Activities			
18	ZZCH4467	GROUND TO GROUND BABBLE-ON	1
19	ZZCH4557	8in BELL (POST MOUNT)	1
20	ZZCH4559	10in BELL (POST MOUNT)	1
21	ZZCH4587	DRUM PANEL (GROUND LEVEL)	1
Roofs & Arches			
22	ZZCH9868	NUVO SWIRL ROOF	1
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
28	ZZXX0146	TELESCOPE EN PLUG KIT	1

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Design Number: IPL-1504A - 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	3	3.5in OD x 124in STEEL POST W/RIVETED CAP	Certified	116.73			161	0	3.00	0.38	0
2	ZZCH0038	2	3.5in OD x 148in STEEL POST W/ RIVETED CAP	Certified	94.22			127	0	2.00	0.25	0
3	ZZCH0059	4	3.5in OD x 172in STEEL POST W/O CAP	Certified	206.44			273	0	4.00	0.50	0
4	ZZCH0356	2	3.50in x 88in STEEL POST w/CAP	Certified	59.42			79	0	2.00	0.26	0
5	ZZCH0616	1	SQUARE COATED DECK ASSEMBLY	Certified	54.86			174	3	1.00	0.00	0
6	ZZCH0618	1	1/2 HEX COATED DECK ASSEMBLY	Certified	78.32			252	4	1.50	0.00	0
7	ZZCH2007	1	TRANSFER STATION w/TALL GUARDRAIL (36in DECK)	Certified	148.40			310	2	2.00	0.09	0
8	ZZUN2019	1	APPROACH STEP FOR TRANSFER STATION	Certified	35.83			72	1	1.00	0.04	0
9	ZZCH8599	1	COZY COCOON	Certified	183.06			1,345	1	2.00	0.13	1
10	ZZCH3126	1	GLIDE SLIDE (48in DECK)	Certified	119.73			492	3	2.00	0.03	1
11	ZZCH3129	1	90 DEGREE GLIDE SLIDE (36in DECK)	Certified	96.73			418	2	2.00	0.03	1
12	ZZCH4446	1	SLIDE-N-LEARN PANEL	Certified	57.80			516	1	1.00	0.00	1
13	ZZUN4279	1	TELESCOPE PIPE WALL MOUNT (CH/EX)	Certified	12.23			61	1	0.50	0.00	1
14	ZZCH5638	1	FUNNEL ADVENTURE TUBE 1ft RISE	Certified	138.56			992	4	3.00	0.00	1
15	ZZCH4095	1	CENTERLINE PIPE WALL BARRIER	Certified	28.74			71	0	0.50	0.00	0
16	ZZCH7657	1	SOLAR CLIMBER (36in & 30in DECK)	Certified	79.63			236	2	1.50	0.03	1
17	ZZCH7950	1	SILO CLIMBER (48in DECK)	Certified	74.18			134	1	1.50	0.06	1
18	ZZCH4467	1	GROUND TO GROUND BABBLE-ON	Certified	43.15			240	2	1.50	0.00	1
19	ZZCH4557	1	8in BELL (POST MOUNT)	Certified	5.15			44	1	0.25	0.00	1
20	ZZCH4559	1	10in BELL (POST MOUNT)	Certified	6.87			49	1	0.25	0.00	1
21	ZZCH4587	1	DRUM PANEL (GROUND LEVEL)	Certified	44.64			407	2	1.00	0.00	1
22	ZZCH9868	1	NUVO SWIRL ROOF	Certified	80.33			482	0	1.00	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
25	ZZUN9935	1	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	N/A				57				



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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
28	ZZXX0146	1	TELESCOPE EN PLUG KIT	Certified				0	0	0.10	0.00	0
Totals:					1,769.59	248	442	7,148	31	35.60	1.79	12
					796.32 Kg	112 Kg	199 Kg	7 Metric Tons			1.36 m3	

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EN1176:2008

This custom structure, drawing number IPL-1504A, 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.

