

Black Pearl

IPL-1512

Equipment Manufacturer

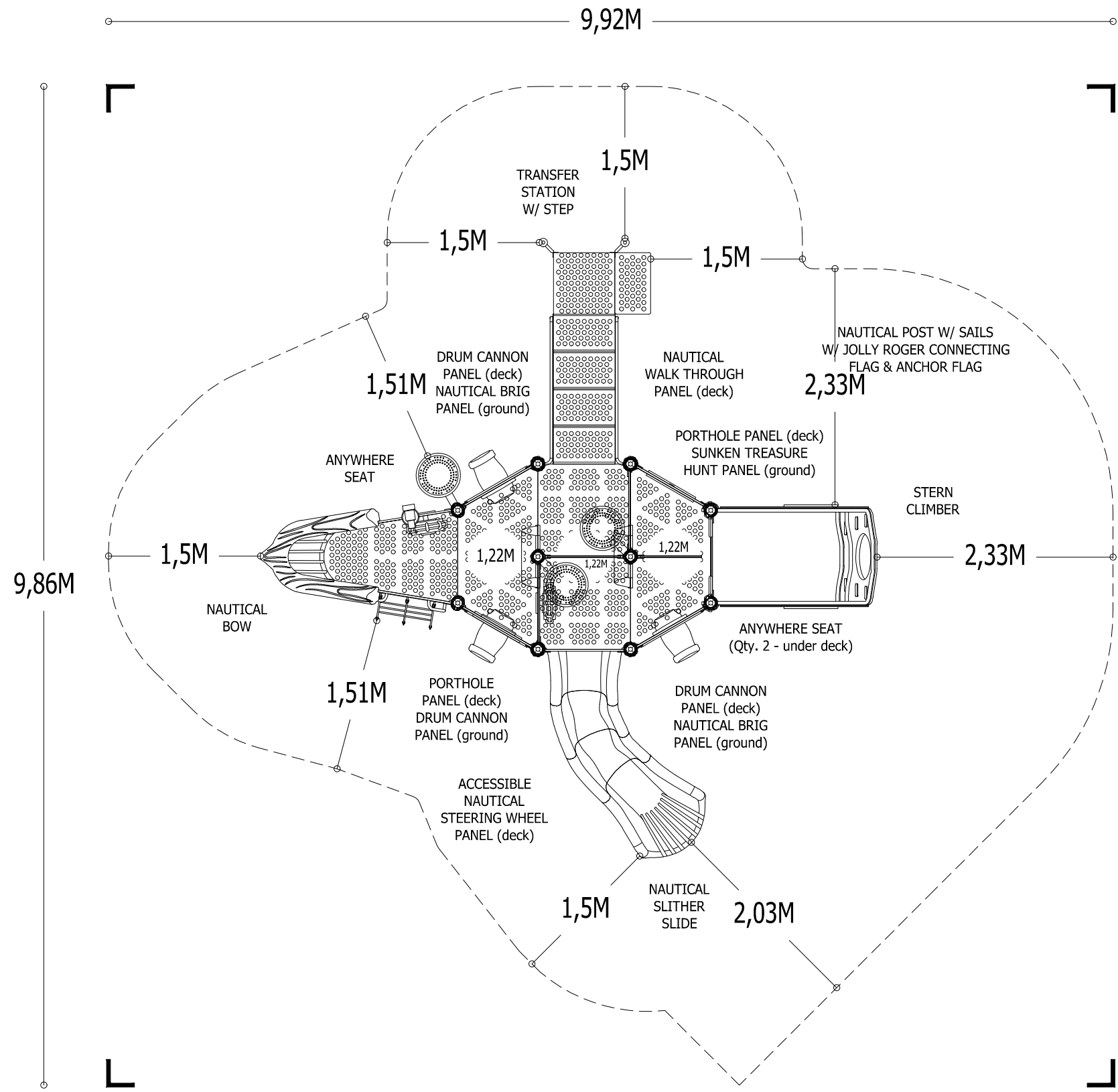


FRONT



SIDE





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

EQUIPMENT SIZE:
6,09M x 6,12M x 6,14M

USE ZONE:
9,92M x 9,86M

AREA: **60,97 SqM** PERIMETER: **30,87M**

FALL HEIGHT:
2,69M

USER CAPACITY: **55** AGE GROUP: **6-14**

ADA SCHEDULE	Total Elevated Play Activities: 12	
	Total Ground-Level Play Activities: 7	
	Accessible Elevated Activities	Accessible Ground-Level Activities
Required	6	4
Provided	12	4

✓ EN-1176



*PLAYGROUND SUPERVISION REQUIRED

BLACK PEARL
INTERNATIONAL COLLECTION

PROJECT NO:
IPL-1512A

SCALE:
1:50

DRAWN BY:
J. KAZAKAVAGE

Paper Size
A3

DATE:
11-SEP-15

Black Pearl

Design Number: IPL-1512A - Bill Of Material

Ref. No.	Part No.	Description	Quantity
Posts			
1	ZZCH0028	3.5in OD x 136in STEEL POST W/ RIVETED CAP	8
2	ZZCH8566	NAUTICAL SAIL	2
Decks & Kick Plates			
3	ZZCH0618	1/2 HEX COATED DECK ASSEMBLY	2
4	ZZCH0629	LONG COATED DECK ASSEMBLY	1
5	ZZUN2290	COATED DECK TO DECK CONNECTION KIT	4
ADA Items			
6	ZZCH2027	TRANSFER STATION (48in DECK)	1
7	ZZUN2019	APPROACH STEP FOR TRANSFER STATION	1
Slides			
8	ZZCH8549	SLITHER SLIDE ENTRY/EXIT (NAUTICAL THEME)	1
9	ZZUN3209	SLITHER SLIDE 2.0 (LEFT SECTION)	2
Activity Panels			
10	ZZCH4578	ANYWHERE SEAT	3
11	ZZCH8550	PORTHOLE PANEL (NAUTICAL THEME)	2
12	ZZCH8557	CANNON PANEL (NAUTICAL THEME) (DECK LEVEL)	2
13	ZZCH8558	CANNON PANEL (NAUTICAL THEME) GROUND LEVEL	1
14	ZZCH8560	SUNKEN TREASURE HUNT (GROUND LEVEL) (NAUTICAL THEME)	1
15	ZZCH8568	BRIG PANEL (NAUTICAL THEME) (GROUND LEVEL)	2
16	ZZCH8569	NAUTICAL WALK-THRU PANEL	1
17	ZZCH8579	ACCESSIBLE NAUTICAL STEERING WHEEL PANEL	1
Climbers			
18	ZZCH8547	NAUTICAL BOW (48in DK)	1
19	ZZCH8567	STERN CLIMBER	1
Roofs & Arches			
20	ZZCH8539	NAUTICAL JOLLY ROGER FLAG	1
21	ZZCH8576	NAUTICAL JOLLY ROGER FLAG (SAIL CONNECTOR)	1
Additional Tool & Maintenance Kits			
22	ZZCHGUID	CHALLENGER GUIDELINES	1
23	ZZUN9910	SURFACING WARNING LABEL KIT	1
24	ZZUN9935	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	1
25	ZZXX0049	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	1
26	ZZXX0109	EN-1176 LABEL	1
27	ZZXX0146	TELESCOPE EN PLUG KIT	1

Black Pearl

Design Number: IPL-1512A - 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	8	3.5in OD x 136in STEEL POST W/ RIVETED CAP	Certified	348.08			468	0	8.00	1.00	0
2	ZZCH8566	2	NAUTICAL SAIL	Certified	313.06			417	0	4.00	0.26	0
3	ZZCH0618	2	1/2 HEX COATED DECK ASSEMBLY	Certified	156.64			504	8	3.00	0.00	0
4	ZZCH0629	1	LONG COATED DECK ASSEMBLY	Certified	107.02			318	6	1.00	0.00	0
5	ZZUN2290	4	COATED DECK TO DECK CONNECTION KIT	Certified	1.16			15	0	2.00	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	ZZCH8549	1	SLITHER SLIDE ENTRY/EXIT (NAUTICAL THEME)	Certified	83.64			586	2	2.00	0.03	1
9	ZZUN3209	2	SLITHER SLIDE 2.0 (LEFT SECTION)	Certified	39.18			267	0	0.50	0.00	0
10	ZZCH4578	3	ANYWHERE SEAT	Certified	93.30			269	3	0.75	0.00	3
11	ZZCH8550	2	PORTHOLE PANEL (NAUTICAL THEME)	Certified	80.54			851	0	1.00	0.00	0
12	ZZCH8557	2	CANNON PANEL (NAUTICAL THEME) (DECK LEVEL)	Certified	87.02			924	4	1.00	0.00	2
13	ZZCH8558	1	CANNON PANEL (NAUTICAL THEME) GROUND LEVEL	Certified	46.25			487	2	0.50	0.00	1
14	ZZCH8560	1	SUNKEN TREASURE HUNT (GROUND LEVEL) (NAUTICAL THEME)	Certified	44.18			413	2	2.00	0.00	1
15	ZZCH8568	2	BRIG PANEL (NAUTICAL THEME) (GROUND LEVEL)	Certified	76.86			578	0	1.00	0.00	0
16	ZZCH8569	1	NAUTICAL WALK-THRU PANEL	Certified	29.30			287	2	0.25	0.00	1
17	ZZCH8579	1	ACCESSIBLE NAUTICAL STEERING WHEEL PANEL	Certified	32.69			309	2	0.50	0.00	1
18	ZZCH8547	1	NAUTICAL BOW (48in DK)	Certified	307.60			1,983	5	10.00	0.19	4
19	ZZCH8567	1	STERN CLIMBER	Certified	280.80			1,916	7	3.00	0.00	1
20	ZZCH8539	1	NAUTICAL JOLLY ROGER FLAG	Certified	12.34			110	0	0.25	0.00	0
21	ZZCH8576	1	NAUTICAL JOLLY ROGER FLAG (SAIL CONNECTOR)	Certified	17.29			184	0	0.25	0.00	0
22	ZZCHGUID	1	CHALLENGER GUIDELINES	N/A	0.00			1	0	0.25	0.00	0



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23	ZZUN9910	1	SURFACING WARNING LABEL KIT	N/A	0.05			1	0	0.25	0.00	0
24	ZZUN9935	1	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	N/A				57				
25	ZZXX0049	1	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	Certified	4.51			158	0	0.00	0.00	0
26	ZZXX0109	1	EN-1176 LABEL	Certified	0.01			0	0	0.50	0.00	0
27	ZZXX0146	1	TELESCOPE EN PLUG KIT	Certified				0	0	0.10	0.00	0
Totals:					2,451.61	440	629	11,665	47	45.60	1.61	15
					1,103.22 Kg	198 Kg	283 Kg	12 Metric Tons			1.22 m3	



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EN1176:2008

This custom structure, drawing number IPL-1512A, 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.

