

# INET-1720

Equipment Manufacturer



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PLAYWORLD SYSTEMS, INC.  
 1000 Buffalo Road  
 Lewisburg, PA  
 17837-9795 USA

EQUIPMENT SIZE:  
**32'0" x 13'7" x 14'9"**  
 9,46M x 4,15M x 4,51M

USE ZONE:  
**44'0" x 25'8"**  
 13,42M x 7,83M

AREA: **950 SqFt.** PERIMETER: **118 Ft.**  
 88,26 SqM. 35,97M

FALL HEIGHT:  
**6 Ft.**  
 1,83M

USER CAPACITY: **48** AGE GROUP: **5-12**

ADA SCHEDULE	Total Elevated Play Activities: 4		
	Total Ground-Level Play Activities: 5		
	Accessible Elevated Activities	Accessible Ground-Level Activities	Accessible Ground-Level Play Types
Required	2	1	1
Provided	4	3	3

- ✓ ASTM F1487-11
- ✓ CPSC #325



PROJECT NO:  
**INET-1720**

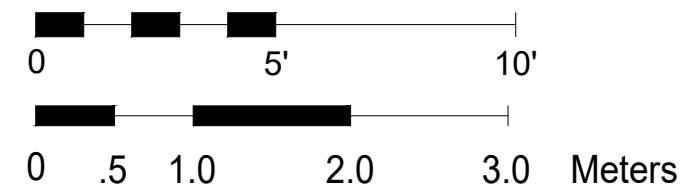
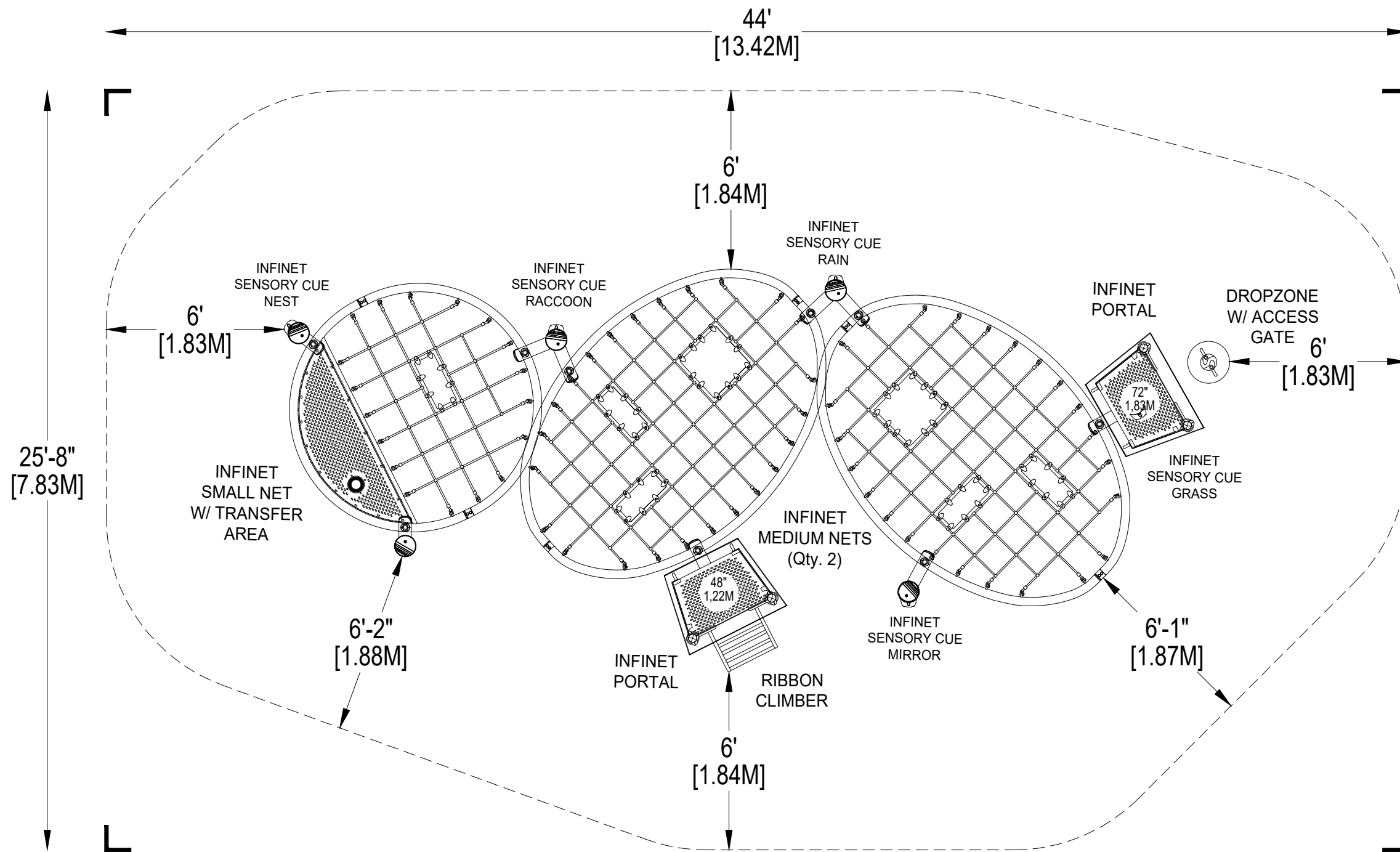
SCALE:  
**1/4"=1'-0"**

DRAWN BY:  
**M. MERTZ**

Paper Size

DATE:  
**10-MAY-17**

**B**



\*PLAYGROUND SUPERVISION REQUIRED

**INET-1720**  
 CATALOG PRE-DESIGN

# INET-1720

Design Number: INET-1720 - Bill Of Material

Ref. No.	Part No.	Description	Quantity
<b>Decks &amp; Kick Plates</b>			
1	ZZUN6266	INFINET PORTAL	2
<b>Activity Panels</b>			
2	ZZUN6339	INFINET SENSORY CUE - NEST	1
3	ZZUN6347	INFINET SENSORY CUE - RACCOON	1
4	ZZUN6348	INFINET SENSORY CUE - MIRROR	1
5	ZZUN6350	INFINET SENSORY CUE - RAIN	1
6	ZZUN6358	INFINET SENSORY CUE - GRASS	1
<b>Barriers</b>			
7	ZZCH4288	ACCESS GATE	1
<b>Climbers</b>			
8	ZZCH8290	RIBBON CLIMBER (48in DECK)	1
9	ZZUN6267	INFINET POST W/ CAP FOR 24in NET	2
10	ZZUN6268	INFINET DBL CONNECTION POST W/ CAP FOR 24in-36in NETS	1
11	ZZUN6278	INFINET POST FOR 48in PORTAL	1
12	ZZUN6287	INFINET DBL CONNECTION POST W/ CAP FOR 60in-72in NETS	1
13	ZZUN6288	INFINET POST W/ CAP FOR 72in NET	1
14	ZZUN6289	INFINET POST FOR 72in PORTAL	1
15	ZZUN6308	INFINET SMALL NET W/ TRANSFER AREA	1
16	ZZUN6309	INFINET MEDIUM NET	2
<b>Balance</b>			
17	ZZUN7027	DROP ZONE (72in DECK)	1
<b>Additional Tool &amp; Maintenance Kits</b>			
18	ZZCHGUID	CHALLENGER GUIDELINES	1
19	ZZUN9910	SURFACING WARNING LABEL KIT	1
20	ZZUN9930	PIPE SYSTEMS MAINTENANCE KIT W/ AEROSOL	1

# INET-1720

Design Number: INET-1720 - Compliance and Technical Data

Reference Document: ASTM F1487

Ref. No.	Part No.	Qty.	Description	Unit ASTM 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	ZZUN6266	2	INFINET PORTAL	Certified	951.78			1,132	4	8.00	0.00	0
2	ZZUN6339	1	INFINET SENSORY CUE - NEST	Certified	2.98			72	1	0.50	0.00	1
3	ZZUN6347	1	INFINET SENSORY CUE - RACCOON	Certified	2.98			72	1	0.50	0.00	1
4	ZZUN6348	1	INFINET SENSORY CUE - MIRROR	Certified	2.90			56	1	0.50	0.00	1
5	ZZUN6350	1	INFINET SENSORY CUE - RAIN	Certified	3.09			70	1	0.50	0.00	1
6	ZZUN6358	1	INFINET SENSORY CUE - GRASS	Certified	2.98			72	1	0.50	0.00	1
7	ZZCH4288	1	ACCESS GATE	Certified	17.34			65	0	0.50	0.00	0
8	ZZCH8290	1	RIBBON CLIMBER (48in DECK)	Certified	38.72			110	2	1.50	0.06	1
9	ZZUN6267	2	INFINET POST W/ CAP FOR 24in NET	Certified	203.48			895	0	3.00	0.62	0
10	ZZUN6268	1	INFINET DBL CONNECTION POST W/ CAP FOR 24in-36in NETS	Certified	132.24			528	0	2.00	0.31	0
11	ZZUN6278	1	INFINET POST FOR 48in PORTAL	Certified	138.42			570	0	1.50	0.31	0
12	ZZUN6287	1	INFINET DBL CONNECTION POST W/ CAP FOR 60in-72in NETS	Certified	169.20			721	0	2.00	0.31	0
13	ZZUN6288	1	INFINET POST W/ CAP FOR 72in NET	Certified	154.99			711	0	1.50	0.31	0
14	ZZUN6289	1	INFINET POST FOR 72in PORTAL	Certified	163.06			699	0	1.50	0.31	0
15	ZZUN6308	1	INFINET SMALL NET W/ TRANSFER AREA	Certified	292.58			1,540	5	3.50	0.00	1
16	ZZUN6309	2	INFINET MEDIUM NET	Certified	604.36			4,261	30	9.00	0.00	2
17	ZZUN7027	1	DROP ZONE (72in DECK)	Certified	216.32			2,299	2	2.00	0.21	1
18	ZZCHGUID	1	CHALLENGER GUIDELINES	N/A	0.00			1	0	0.25	0.00	0
19	ZZUN9910	1	SURFACING WARNING LABEL KIT	Certified	0.05			1	0	0.25	0.00	0
20	ZZUN9930	1	PIPE SYSTEMS MAINTENANCE KIT W/ AEROSOL	N/A				90				
<b>Totals:</b>					<b>3,097.47</b>	<b>556</b>	<b>1,127</b>	<b>13,964</b>	<b>48</b>	<b>39.00</b>	<b>2.44</b>	<b>10</b>
					<b>1,393.86 Kg</b>	<b>250 Kg</b>	<b>507 Kg</b>	<b>14 Metric Tons</b>				<b>1.85 m3</b>



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## ASTM F1487

The lay-out for this custom playscape, design number INET-1720, 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](http://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.

