INET-1725

Equipment Manufacturer

PLAYWORLD
The world needs play.

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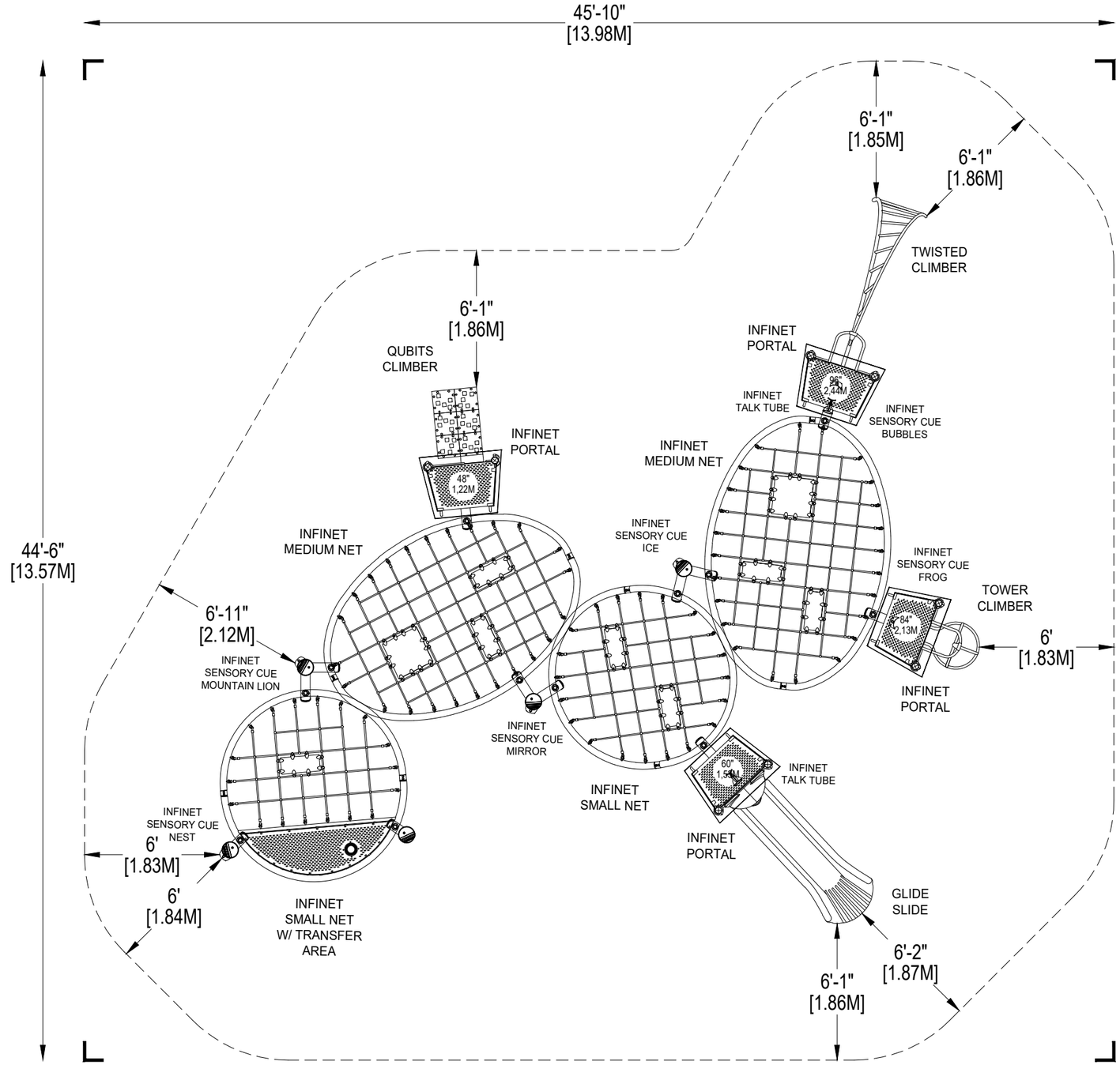

*PLAYGROUND SUPERVISION REQUIRED

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

EQUIPMENT SIZE:
33'10" x 32'4" x 16'0"
10,32M x 9,88M x 4,87M

USE ZONE:
45'10" x 44'6"
13,98M x 13,57M

AREA:	PERIMETER:
1,578 SqFt.	**153 Ft.**
146,6 SqM.	46,63MM

FALL HEIGHT:
8 Ft.
2,44M

USER CAPACITY:	AGE GROUP:
67	**5-12**

ADA SCHEDULE	Total Elevated Play Activities: 6	Total Ground-Level Play Activities: 7	
	Accessible Elevated Activities	Accessible Ground-Level Activities	Accessible Ground-Level Play Types
Required	3	2	2
Provided	6	3	3

✓ ASTM F1487-11
✓ CPSC #325

PROJECT NO:	SCALE:
INET-1725	**3/16"=1'-0"**
DRAWN BY: **M. MERTZ**	Paper Size **B**
DATE: **10-MAY-17**	

INET-1725
CATALOG PRE-DESIGN

INET-1725

Design Number: INET-1725 - Bill Of Material

Ref. No.	Part No.	Description	Quantity
	Decks & Kick Plates		
1	ZZUN6266	INFINET PORTAL	4
	Slides		
2	ZZCH2658	GLIDE SLIDE (60in DECK)	1
	Activity Panels		
3	ZZUN6339	INFINET SENSORY CUE - NEST	1
4	ZZUN6340	INFINET SENSORY CUE -MOUNTAIN LION	1
5	ZZUN6346	INFINET SENSORY CUE - FROG	1
6	ZZUN6348	INFINET SENSORY CUE - MIRROR	1
7	ZZUN6349	INFINET SENSORY CUE - BUBBLES	1
8	ZZUN6357	INFINET SENSORY CUE - ICE	1
	Climbers		
9	ZZCH7088	CLIMBING SQUARES BLOCK CLIMBER (48in)	1
10	ZZCH7167	8ft TWISTED CLIMBER	1
11	ZZCH7169	7ft TOWER CLIMBER	1
12	ZZUN6267	INFINET POST W/ CAP FOR 24in NET	2
13	ZZUN6268	INFINET DBL CONNECTION POST W/ CAP FOR 24in-36in NETS	1
14	ZZUN6278	INFINET POST FOR 48in PORTAL	1
15	ZZUN6279	INFINET DBL CONNECTION POST W/ CAP FOR 48in-60in NETS	1
16	ZZUN6286	INFINET POST FOR 60in PORTAL	1
17	ZZUN6290	INFINET DBL CONNECTION POST W/ CAP FOR 72in-84in NETS	1
18	ZZUN6297	INFINET POST FOR 84in PORTAL	1
19	ZZUN6300	INFINET POST FOR 96in PORTAL	1
20	ZZUN6307	INFINET SMALL NET	1
21	ZZUN6308	INFINET SMALL NET W/ TRANSFER AREA	1
22	ZZUN6309	INFINET MEDIUM NET	2
	Audible Activities		
23	ZZUN6316	INFINET TALK TUBE (NET POST TO NET POST)	1
	Additional Tool & Maintenance Kits		
24	ZZCHGUID	CHALLENGER GUIDELINES	1
25	ZZUN9910	SURFACING WARNING LABEL KIT	1
26	ZZUN9930	PIPE SYSTEMS MAINTENANCE KIT W/ AEROSOL	1

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Design Number: INET-1725 - 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 Recycled Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
1	ZZUN6266	4	INFINET PORTAL	Certified	1,903.56			2,264	8	16.00	0.00	0
2	ZZCH2658	1	GLIDE SLIDE (60in DECK)	Certified	135.48			562	2	2.00	0.03	1
3	ZZUN6339	1	INFINET SENSORY CUE - NEST	Certified	2.98			72	1	0.50	0.00	1
4	ZZUN6340	1	INFINET SENSORY CUE -MOUNTAIN LION	Certified	2.98			72	1	0.50	0.00	1
5	ZZUN6346	1	INFINET SENSORY CUE - FROG	Certified	2.98			72	1	0.50	0.00	1
6	ZZUN6348	1	INFINET SENSORY CUE - MIRROR	Certified	2.90			56	1	0.50	0.00	1
7	ZZUN6349	1	INFINET SENSORY CUE - BUBBLES	Certified	2.87			70	1	0.50	0.00	1
8	ZZUN6357	1	INFINET SENSORY CUE - ICE	Certified	3.09			70	1	0.50	0.00	1
9	ZZCH7088	1	CLIMBING SQUARES BLOCK CLIMBER (48in)	N/A	181.10			635	3	6.00	0.15	1
10	ZZCH7167	1	8ft TWISTED CLIMBER	Certified	130.73			248	2	2.00	0.60	1
11	ZZCH7169	1	7ft TOWER CLIMBER	Certified	107.92			252	2	2.00	0.06	1
12	ZZUN6267	2	INFINET POST W/ CAP FOR 24in NET	Certified	203.48			895	0	3.00	0.62	0
13	ZZUN6268	1	INFINET DBL CONNECTION POST W/ CAP FOR 24in-36in NETS	Certified	132.24			528	0	2.00	0.31	0
14	ZZUN6278	1	INFINET POST FOR 48in PORTAL	Certified	138.42			570	0	1.50	0.31	0
15	ZZUN6279	1	INFINET DBL CONNECTION POST W/ CAP FOR 48in-60in NETS	Certified	156.88			656	0	2.00	0.31	0
16	ZZUN6286	1	INFINET POST FOR 60in PORTAL	Certified	156.51			705	0	1.50	0.31	0
17	ZZUN6290	1	INFINET DBL CONNECTION POST W/ CAP FOR 72in-84in NETS	Certified	181.52			785	0	2.00	0.31	0
18	ZZUN6297	1	INFINET POST FOR 84in PORTAL	Certified	181.15			834	0	1.50	0.31	0
19	ZZUN6300	1	INFINET POST FOR 96in PORTAL	Certified	187.70			827	0	1.50	0.31	0
20	ZZUN6307	1	INFINET SMALL NET	Certified	236.53			1,596	7	3.00	0.00	1
21	ZZUN6308	1	INFINET SMALL NET W/ TRANSFER AREA	Certified	292.58			1,540	5	3.50	0.00	1
22	ZZUN6309	2	INFINET MEDIUM NET	Certified	604.36			4,261	30	9.00	0.00	2
23	ZZUN6316	1	INFINET TALK TUBE (NET POST TO NET POST)	Certified	40.62			284	2	2.00	0.00	1
24	ZZCHGUID	1	CHALLENGER GUIDELINES	N/A	0.00			1	0	0.25	0.00	0
25	ZZUN9910	1	SURFACING WARNING LABEL KIT	Certified	0.05			1	0	0.25	0.00	0

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Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre-Consumer Recycled Content (lbs)	Post-Consumer Recycled Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
26	ZZUN9930	1	PIPE SYSTEMS MAINTENANCE KIT W/ AEROSOL	N/A				90				
				Totals:	**4,988.63**	**902**	**1,835**	**17,946**	**67**	**64.00**	**3.63**	**15**
					2,244.88 Kg	**406 Kg**	**826 Kg**	**18 Metric Tons**			**2.76 m3**	

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ASTM F1487

The lay-out for this custom playscape, design number INET-1725, 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. 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.