

# INET-1730

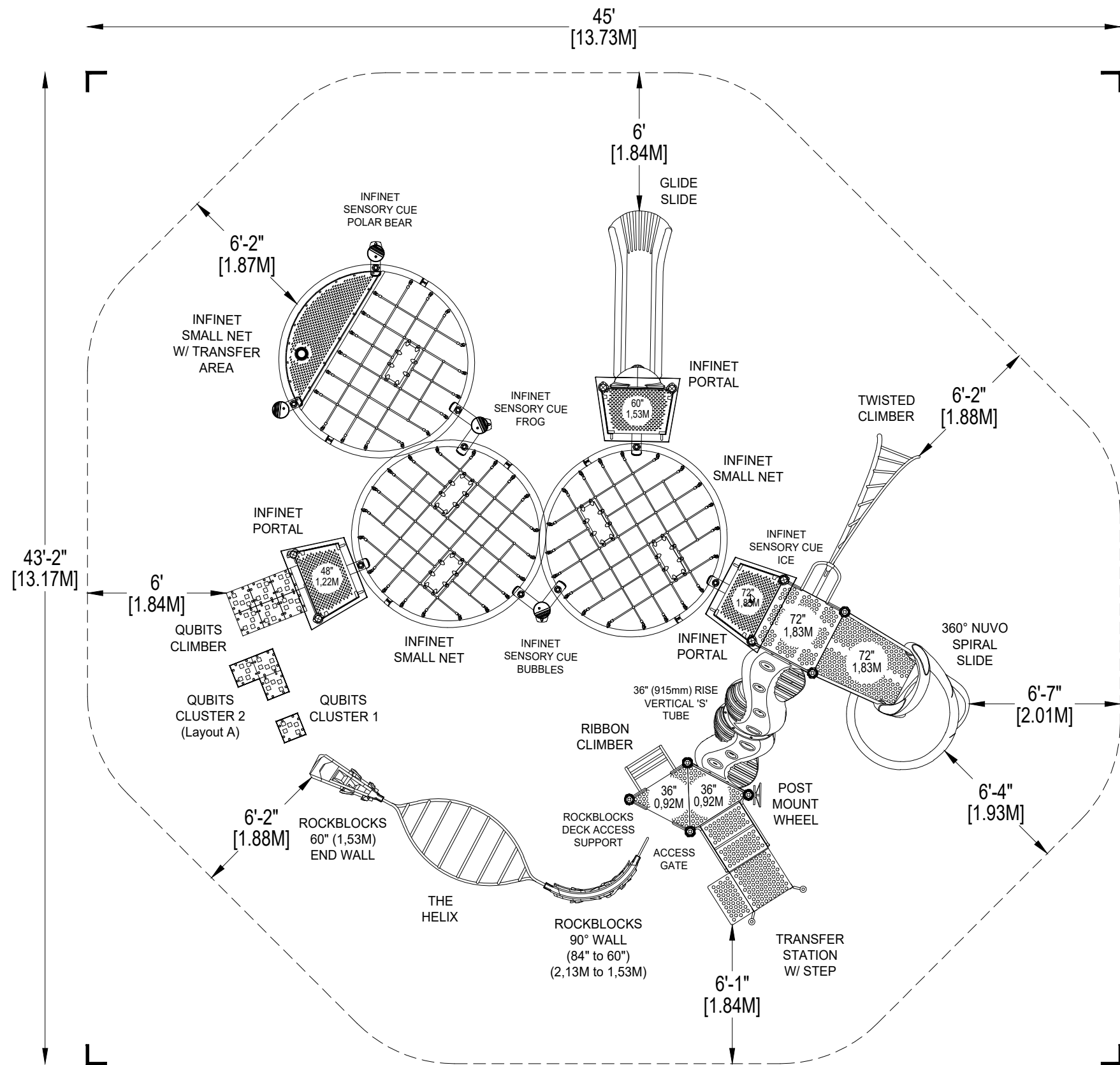
Equipment Manufacturer



**INET-1730**

Equipment Manufacturer





43'-2"  
[13.17M]

45'  
[13.73M]

6'  
[1.84M]

6'-2"  
[1.87M]

6'-2"  
[1.88M]

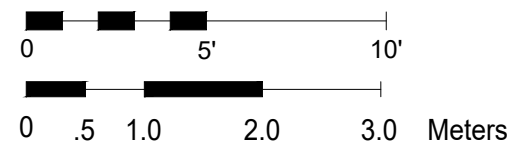
6'  
[1.84M]

6'-7"  
[2.01M]

6'-2"  
[1.88M]

6'-4"  
[1.93M]

6'-1"  
[1.84M]



\*PLAYGROUND SUPERVISION REQUIRED



PLAYWORLD SYSTEMS, INC.

1000 Buffalo Road  
Lewisburg, PA  
17837-9795 USA

EQUIPMENT SIZE:

**32'5" x 31'1" x 14'0"**

9,88M x 9,48M x 4,26M

USE ZONE:

**45'0" x 43'2"**

13,73M x 13,17M

AREA:

**1,574 SqFt.**

146,22 SqM.

PERIMETER:

**144 Ft.**

43,89M

FALL HEIGHT:

**7 Ft.**

2,13M

USER CAPACITY:

**66**

AGE GROUP:

**5-12**

ADA SCHEDULE	Total Elevated Play Activities: 9		
	Accessible Elevated Activities	Accessible Ground-Level Activities	Accessible Ground-Level Play Types
Required	5	3	3
Provided	9	5	3

✓ ASTM F1487-11

✓ CPSC #325



PROJECT NO:

**INET-1730**

SCALE:

**3/16"=1'-0"**

DRAWN BY:

**M. MERTZ**

Paper Size

**B**

DATE:

**10-MAY-17**

**INET-1730**  
CATALOG PRE-DESIGN

# INET-1730

Design Number: INET-1730 - Bill Of Material

Ref. No.	Part No.	Description	Quantity
<b>Posts</b>			
1	ZZCH0018	3.5in OD x 124in STEEL POST W/RIVETED CAP	4
2	ZZCH0048	3.5in OD x 160in STEEL POST W/ RIVETED CAP	2
<b>Decks &amp; Kick Plates</b>			
3	ZZCH0616	SQUARE COATED DECK ASSEMBLY	1
4	ZZCH0617	TRIANGULAR COATED DECK ASSEMBLY	2
5	ZZUN2290	COATED DECK TO DECK CONNECTION KIT	2
6	ZZUN6266	INFINET PORTAL	3
<b>ADA Items</b>			
7	ZZCH2008	TRANSFER STATION w/BARRIERS (36in DECK)	1
8	ZZUN2019	APPROACH STEP FOR TRANSFER STATION	1
<b>Slides</b>			
9	ZZCH2658	GLIDE SLIDE (60in DECK)	1
10	ZZCH3537	SLIDE- NUVO 360 SPIRAL SLIDE	1
<b>Activity Panels</b>			
11	ZZCH4290	POST MOUNTED STEERING WHEEL	1
12	ZZUN6338	INFINET SENSORY CUE - POLAR BEAR	1
13	ZZUN6346	INFINET SENSORY CUE - FROG	1
14	ZZUN6349	INFINET SENSORY CUE - BUBBLES	1
15	ZZUN6357	INFINET SENSORY CUE - ICE	1
<b>Crawl Tubes</b>			
16	ZZCH5636	VERTICAL S ADVENTURE TUBE	1
<b>Barriers</b>			
17	ZZCH4288	ACCESS GATE	1
<b>Climbers</b>			
18	ZZCH7088	CLIMBING SQUARES BLOCK CLIMBER (48in)	1
19	ZZCH7160	6ft TWISTED CLIMBER	1
20	ZZCH8289	RIBBON CLIMBER (36in DECK)	1
21	ZZUN0167	ROCKBLOCKS DECK ACCESS SUPPORT (36in - 48in DECK)	1
22	ZZUN0178	ROCKBLOCKS END SUPPORT (60in WALL)	2
23	ZZUN6267	INFINET POST W/ CAP FOR 24in NET	2
24	ZZUN6268	INFINET DBL CONNECTION POST W/ CAP FOR 24in-36in NETS	1
25	ZZUN6278	INFINET POST FOR 48in PORTAL	1
26	ZZUN6279	INFINET DBL CONNECTION POST W/ CAP FOR 48in-60in NETS	1
27	ZZUN6286	INFINET POST FOR 60in PORTAL	1
28	ZZUN6289	INFINET POST FOR 72in PORTAL	1
29	ZZUN6307	INFINET SMALL NET	2
30	ZZUN6308	INFINET SMALL NET W/ TRANSFER AREA	1
31	ZZUN7097	CLIMBING SQUARES- CLUSTER 1	1
32	ZZUN7098	CLIMBING SQUARES- CLUSTER 2	1
33	ZZUN8360	ROCKBLOCKS END WALL (60in)	1
34	ZZUN8370	ROCKBLOCKS 90 DEGREE WALL (84in TO 60in) RIGHT	1
35	ZZUN8417	THE HELIX (60in & 84in WALL)	1



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<b>Ref. No.</b>	<b>Part No.</b>	<b>Description</b>	<b>Quantity</b>
<b>Additional Tool &amp; Maintenance Kits</b>			
36	ZZCHGUID	CHALLENGER GUIDELINES	1
37	ZZUN9910	SURFACING WARNING LABEL KIT	1
38	ZZUN9930	PIPE SYSTEMS MAINTENANCE KIT W/ AEROSOL	1

# INET-1730

Design Number: INET-1730 - 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	ZZCH0018	4	3.5in OD x 124in STEEL POST W/RIVETED CAP	Certified	155.64			215	0	4.00	0.50	0
2	ZZCH0048	2	3.5in OD x 160in STEEL POST W/ RIVETED CAP	Certified	100.42			136	0	2.00	0.25	0
3	ZZCH0616	1	SQUARE COATED DECK ASSEMBLY	Certified	54.86			174	3	1.00	0.00	0
4	ZZCH0617	2	TRIANGULAR COATED DECK ASSEMBLY	Certified	59.80			240	4	2.00	0.00	0
5	ZZUN2290	2	COATED DECK TO DECK CONNECTION KIT	Certified	0.58			8	0	1.00	0.00	0
6	ZZUN6266	3	INFINET PORTAL	Certified	1,427.67			1,698	6	12.00	0.00	0
7	ZZCH2008	1	TRANSFER STATION w/BARRIERS (36in DECK)	Certified	180.00			385	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	ZZCH2658	1	GLIDE SLIDE (60in DECK)	Certified	135.48			562	2	2.00	0.03	1
10	ZZCH3537	1	SLIDE- NUVO 360 SPIRAL SLIDE	Certified	650.00			1,417	2	6.00	0.15	1
11	ZZCH4290	1	POST MOUNTED STEERING WHEEL	Certified	7.83			44	1	0.25	0.00	1
12	ZZUN6338	1	INFINET SENSORY CUE - POLAR BEAR	Certified	2.98			72	1	0.50	0.00	1
13	ZZUN6346	1	INFINET SENSORY CUE - FROG	Certified	2.98			72	1	0.50	0.00	1
14	ZZUN6349	1	INFINET SENSORY CUE - BUBBLES	Certified	2.87			70	1	0.50	0.00	1
15	ZZUN6357	1	INFINET SENSORY CUE - ICE	Certified	3.09			70	1	0.50	0.00	1
16	ZZCH5636	1	VERTICAL S ADVENTURE TUBE	Certified	132.02			1,056	3	3.00	0.00	1
17	ZZCH4288	1	ACCESS GATE	Certified	17.34			65	0	0.50	0.00	0
18	ZZCH7088	1	CLIMBING SQUARES BLOCK CLIMBER (48in)	N/A	181.10			635	3	6.00	0.15	1
19	ZZCH7160	1	6ft TWISTED CLIMBER	Certified	117.65			241	2	2.00	0.60	1
20	ZZCH8289	1	RIBBON CLIMBER (36in DECK)	Certified	35.02			101	2	1.50	0.06	1
21	ZZUN0167	1	ROCKBLOCKS DECK ACCESS SUPPORT (36in - 48in DECK)	Certified	43.86			70	1	1.00	0.13	1
22	ZZUN0178	2	ROCKBLOCKS END SUPPORT (60in WALL)	Certified	61.24			91	0	2.00	0.26	0
23	ZZUN6267	2	INFINET POST W/ CAP FOR 24in NET	Certified	203.48			895	0	3.00	0.62	0
24	ZZUN6268	1	INFINET DBL CONNECTION POST W/ CAP FOR 24in-36in NETS	Certified	132.24			528	0	2.00	0.31	0



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25	ZZUN6278	1	INFINET POST FOR 48in PORTAL	Certified	138.42			570	0	1.50	0.31	0
26	ZZUN6279	1	INFINET DBL CONNECTION POST W/ CAP FOR 48in-60in NETS	Certified	156.88			656	0	2.00	0.31	0
27	ZZUN6286	1	INFINET POST FOR 60in PORTAL	Certified	156.51			705	0	1.50	0.31	0
28	ZZUN6289	1	INFINET POST FOR 72in PORTAL	Certified	163.06			699	0	1.50	0.31	0
29	ZZUN6307	2	INFINET SMALL NET	Certified	473.06			3,192	14	6.00	0.00	2
30	ZZUN6308	1	INFINET SMALL NET W/ TRANSFER AREA	Certified	292.58			1,540	5	3.50	0.00	1
31	ZZUN7097	1	CLIMBING SQUARES- CLUSTER 1	Certified	21.09			69	1	0.50	0.03	1
32	ZZUN7098	1	CLIMBING SQUARES- CLUSTER 2	Certified	48.77			189	2	2.50	0.09	1
33	ZZUN8360	1	ROCKBLOCKS END WALL (60in)	Certified	76.13			405	2	1.00	0.13	1
34	ZZUN8370	1	ROCKBLOCKS 90 DEGREE WALL (84in TO 60in) RIGHT	Certified	108.96			843	4	0.50	0.00	1
35	ZZUN8417	1	THE HELIX (60in & 84in WALL)	Certified	73.35			101	2	0.75	0.00	1
36	ZZCHGUID	1	CHALLENGER GUIDELINES	N/A	0.00			1	0	0.25	0.00	0
37	ZZUN9910	1	SURFACING WARNING LABEL KIT	Certified	0.05			1	0	0.25	0.00	0
38	ZZUN9930	1	PIPE SYSTEMS MAINTENANCE KIT W/ AEROSOL	N/A				90				
<b>Totals:</b>					<b>5,452.84</b>	<b>831</b>	<b>1,708</b>	<b>17,975</b>	<b>66</b>	<b>78.00</b>	<b>4.68</b>	<b>20</b>
					<b>2,453.78 Kg</b>	<b>374 Kg</b>	<b>769 Kg</b>	<b>18 Metric Tons</b>			<b>3.56 m3</b>	



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## ASTM F1487

The lay-out for this custom playscape, design number INET-1730, 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.

