

Boondock's

Equipment Manufacturer



350-1704



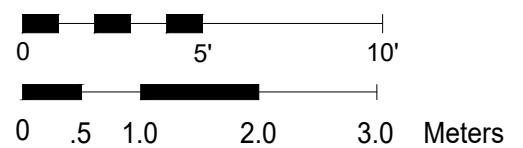
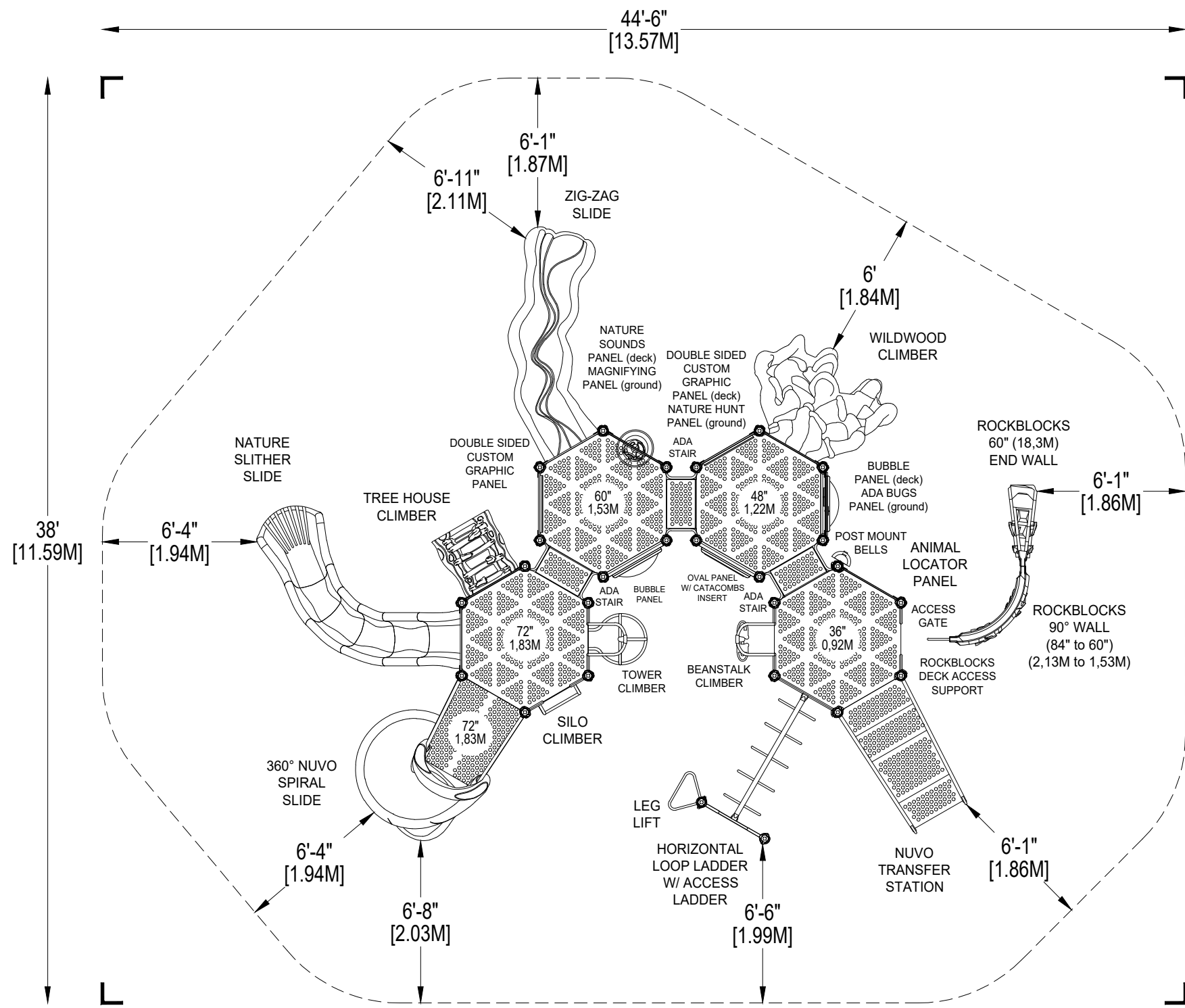
Boondock's

Equipment Manufacturer



350-1704





*PLAYGROUND SUPERVISION REQUIRED



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

EQUIPMENT SIZE:
32'0" x 25'6" 11'4"
 9,75M x 7,77M x 3,45M

USE ZONE:
44'6" x 38'0"
 13,57M x 11,59M

AREA: **1,344 SqFt.** PERIMETER: **134 Ft.**
 124,86 SqM. 40,84M

FALL HEIGHT:
8 Ft.
 2,44M

USER CAPACITY: **71** AGE GROUP: **5-12**

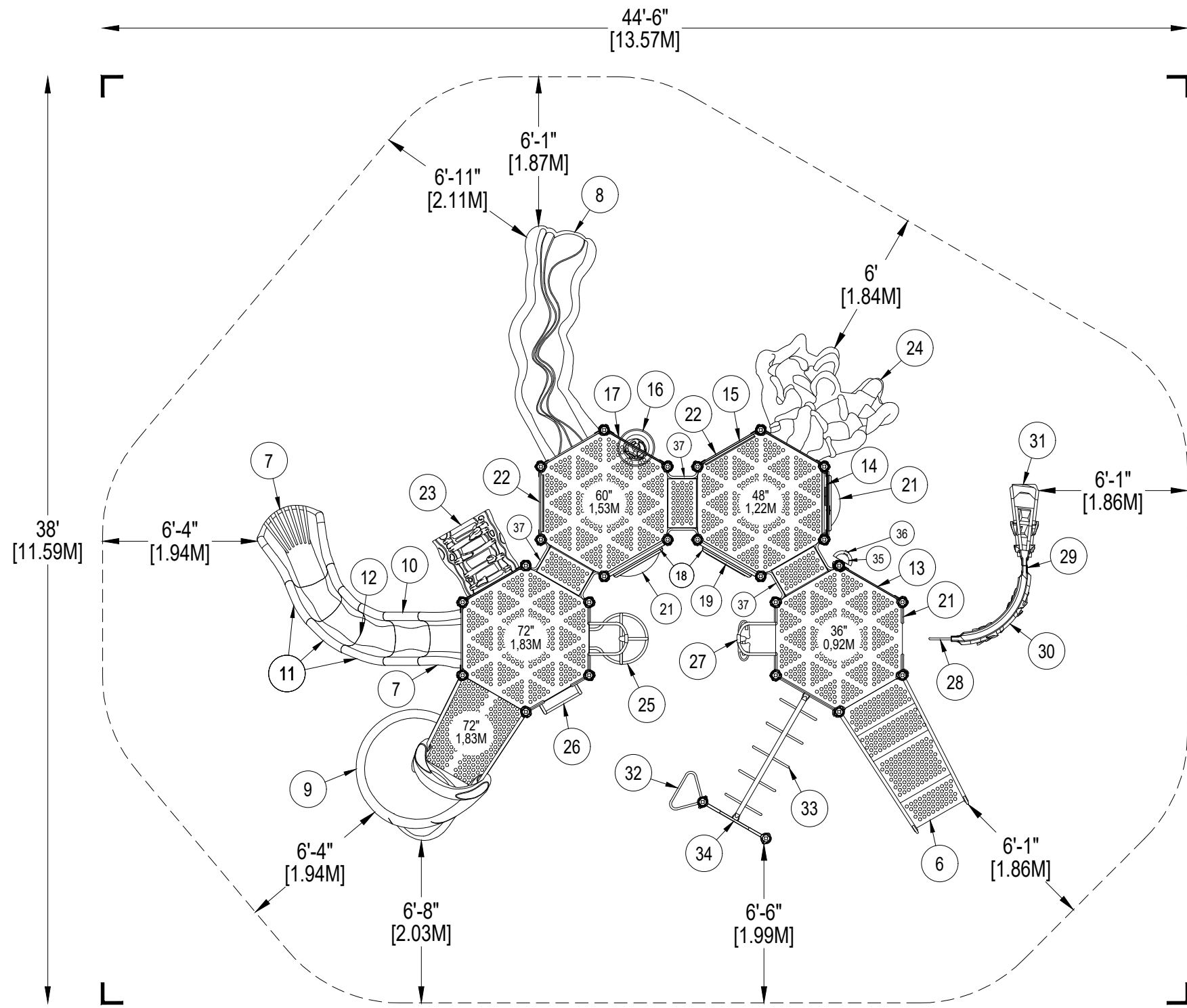
ADA SCHEDULE	Total Elevated Play Activities: 15		
	Total Ground-Level Play Activities: 6		
	Accessible Elevated Activities	Accessible Ground-Level Activities	Accessible Ground-Level Play Types
Required	8	5	3
Provided	15	6	5

✓ ASTM F1487-17
 ✓ CPSC #325



PROJECT NO: 350-1704A	SCALE: 3/16"=1'-0"
DRAWN BY: I. PERKINS	Paper Size B
DATE: 20-DEC-17	

BOONDOCKS
 CATALOG PRE-DESIGN



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PLAYWORLD SYSTEMS, INC.
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 Lewisburg, PA
 17837-9795 USA

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PROJECT NO:
350-1704A

SCALE:
3/16"=1'-0"

DRAWN BY:
I. PERKINS

Paper Size

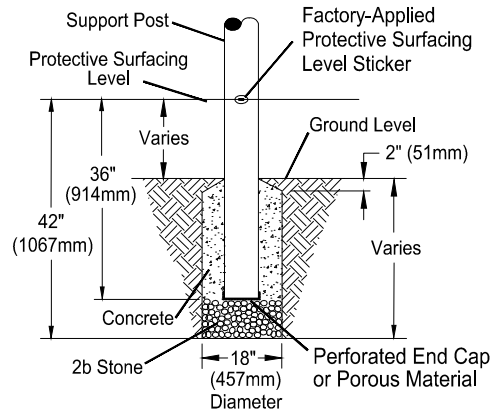
DATE:
20-DEC-17

B

BOONDOCKS
 CATALOG PRE-DESIGN

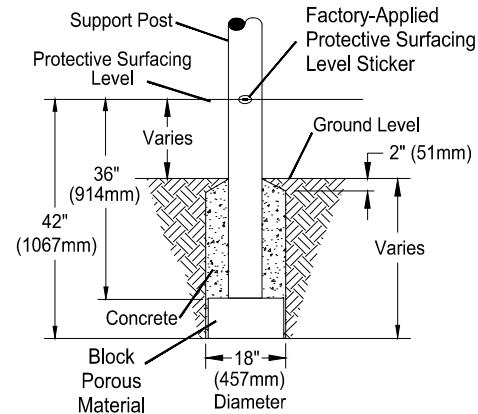
DETAIL 1

Support Post, Spiral Slide and RockBlocks Post Footing Detail



STONE OPTION

OR



BLOCK OPTION

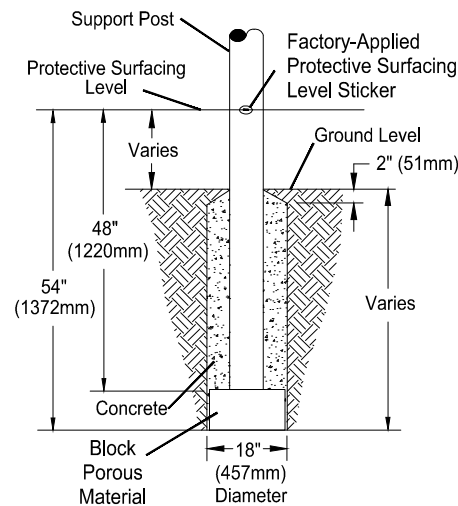
DETAIL 2

GroundZero, Cantilever and "T" Post Footing Detail



STONE OPTION

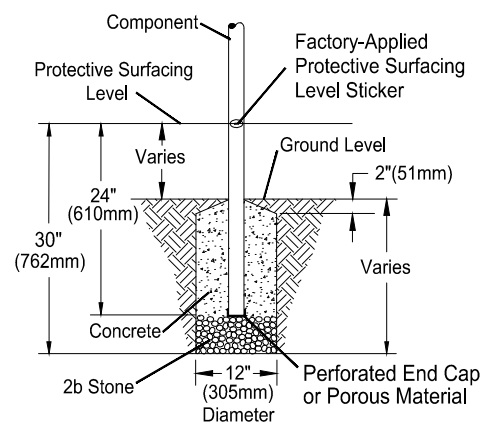
OR



BLOCK OPTION

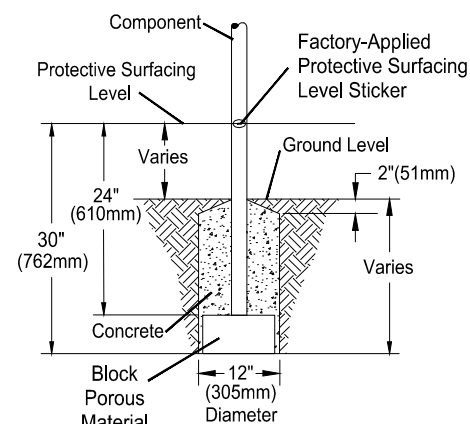
DETAIL 3

Component Footing Detail



STONE OPTION

OR



BLOCK OPTION

DETAIL 4

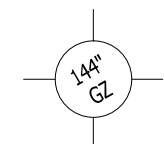
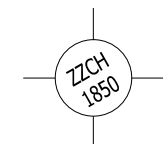
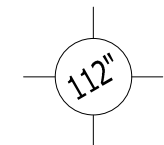
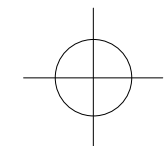
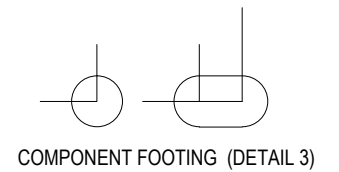
Surface Mount Detail



- INSTALLATION NOTES:**
- 1) Paved surfaces, such as asphalt and concrete, are not acceptable for use under your structure.
 - 2) It is the consumer's responsibility to check with local utilities prior to excavating footings for any underground utility lines that may exist within the installation area.
 - 3) It is the consumer's responsibility to check local soil conditions and drainage within the site area. Inquire with local contractors for appropriate recommendations.
 - 4) If the structure is to be installed across uneven terrain, maintain the support post mark for protective surfacing level at the lowest grade. Adjust other footings accordingly.
 - 5) The base of footings must be below frost lines.
 - 6) Do not encase the bottom of support posts in concrete. Place all posts directly on packed stone.
 - 7) Assemble the entire structure before pouring concrete unless specifically instructed to do so in the individual component installation instructions.
 - 8) Read completely the installation instructions provided with your structure prior to beginning construction.

- SITE NOTES:**
- 1) The site plan provided must be checked against the actual site area to ensure that placement of your structure meets required clearances.
 - 2) The dimensions labeled are for location of footing holes, not exact placement of equipment. Assemble, plumb, and level equipment before pouring concrete.
 - 3) There must be a minimum distance of 6' (1830mm) between any obstacle, sidewalk, etc., and your structure.
 - 4) Slides must have a use zone that extends out from the lower exit section of the slide a distance that is at least 6' (1830mm) or equal to the vertical distance from the highest point of the sliding surface to the top of the protective surfacing, whichever is greater. The slide use zone should not extend greater than 8' (2438mm) from the end of the lower exit section.
 - 5) The complete area, including the space under and around the equipment, must be covered with an impact attenuating material. See the 1997 publication, "Handbook for Public Playground Safety", published by the U.S. Consumer Product Safety Commission, for guidelines and recommendations on the type and depth of surfacing material. For a copy of the "Handbook for Public Playground Safety", write to: **U.S. Consumer Product Safety Commission, Office of Information and Public Affairs, Washington, D.C. 20207**
 - 6) Supervise children as they play.

FOOTING LEGEND



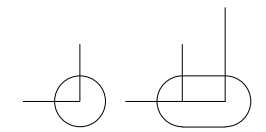
FOOTING DETAIL	SCALE: NOT TO SCALE
DRAWN BY: TECH SALES	Paper Size B
DATE: 28-JUNE-13	



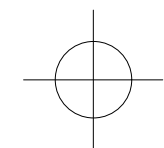
PLAYWORLD SYSTEMS, INC.

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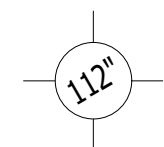
FOOTING LEGEND



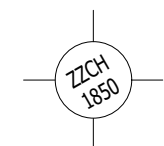
COMPONENT FOOTING (DETAIL 3)



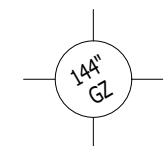
SPIRAL SLIDE CENTER POST FOOTING (DETAIL 1)



SUPPORT POST FOOTING (DETAIL 1 or 4)
(112" INDICATES POST LENGTH)



CANTILEVER, "T" POST, AND COMPONENT
POST FOOTING (DETAIL 2)
(ZZCH1850 INDICATES PART NUMBER)



GROUND ZERO POST FOOTING (DETAIL 2)
(144" INDICATES POST LENGTH)

PROJECT NO:
350-1704A

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

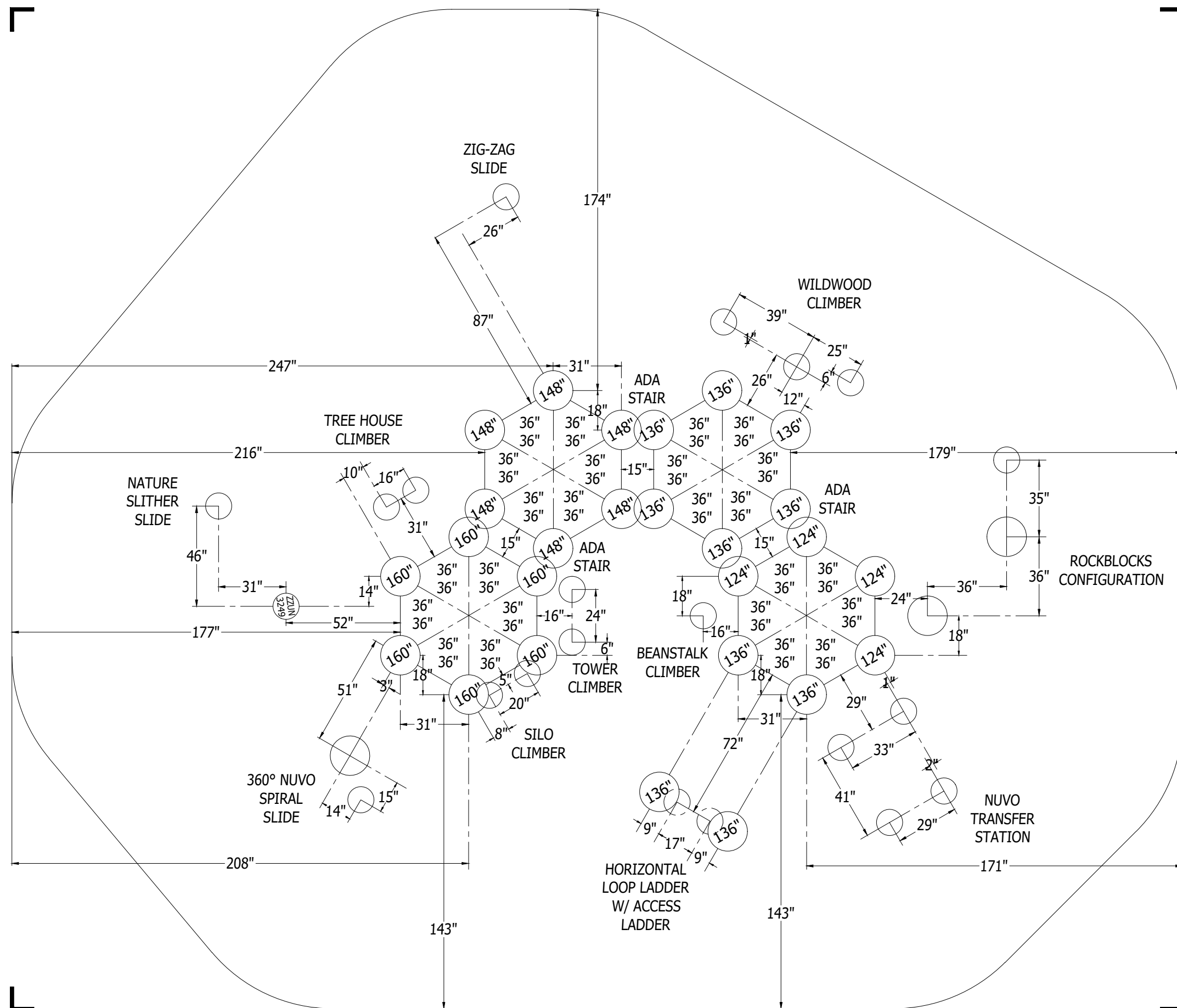
DRAWN BY:
M. MERTZ

Paper Size

DATE:
31-MAY-17

B

BOONDOCKS
CATALOG PRE-DESIGN



*PLAYGROUND SUPERVISION REQUIRED

Boondocks

Design Number: 350-1704A - Bill Of Material

Ref. No.	Part No.	Description	Quantity
Posts			
1	ZZCH0018	3.5in OD x 124in STEEL POST W/RIVETED CAP	4
2	ZZCH0028	3.5in OD x 136in STEEL POST W/ RIVETED CAP	10
3	ZZCH0038	3.5in OD x 148in STEEL POST W/ RIVETED CAP	6
4	ZZCH0048	3.5in OD x 160in STEEL POST W/ RIVETED CAP	6
Decks & Kick Plates			
5	zzCH0619	FULL HEX COATED DECK ASSEMBLY	4
ADA Items			
6	ZZCH0679	NUVO- 36in TRANSFER STATION	1
Slides			
7	ZZCH3186	NATURE SLITHER SLIDE ENTRY/ EXIT	1
8	ZZCH3236	ZIGZAG SLIDE (60in DECK)	1
9	ZZCH3537	SLIDE- NUVO 360 SPIRAL SLIDE	1
10	ZZUN3207	SLITHER SLIDE 2.0 (STRAIGHT SECTION)	1
11	ZZUN3208	SLITHER SLIDE 2.0 (RIGHT SECTION)	3
12	ZZUN3249	SLITHER SLIDE 2.0 SUPPORT LEG 3ft-6in	1
Activity Panels			
13	ZZCH4328	ANIMAL LOCATOR PANEL	1
14	ZZCH4408	ACCESSIBLE BUGS PANEL	1
15	ZZCH4549	NATURE HUNT PANEL (GROUND LEVEL)	1
16	ZZCH4627	MAGNIFYING PLAY PANEL	1
17	ZZCH4636	NATURE SOUNDS PANEL	1
18	ZZCH4807	OVAL INSERT PANEL (DECK MOUNT)	1
19	ZZUN4792	CATACOMBS PANEL INSERT	1
Barriers			
20	ZZCH4288	ACCESS GATE	1
21	ZZCH4811	OVAL BUBBLE PANEL (DECK MOUNT)	2
Custom Graphics			
22	ZZCH4389	DOUBLE SIDED CUSTOM GRAPHIC PANEL (DECK MOUNT)	2
Climbers			
23	ZZCH6818	TREE HOUSE CLIMBER (72in DECK)	1
24	ZZCH6839	THE WILDWOOD CLIMBER (48in DK)	1
25	ZZCH7168	6ft TOWER CLIMBER	1
26	ZZCH7957	SILO CLIMBER (72in DECK)	1
27	ZZCH8100	BEANSTALK CLIMBER (36in DECK)	1
28	ZZUN0167	ROCKBLOCKS DECK ACCESS SUPPORT (36in - 48in DECK)	1
29	ZZUN0176	ROCKBLOCKS Z SUPPORT (60in WALL)	1
30	ZZUN8358	ROCKBLOCKS 90 DEGREE WALL (84in to 60in)	1
31	ZZUN8360	ROCKBLOCKS END WALL (60in)	1
Overhead Events			
32	ZZCH5770	LEG LIFT	1
33	ZZCH5780	6ft HORIZONTAL LOOP LADDER	1
34	ZZCH5970	OVERHEAD EVENT ACCESS LADDER (36in DECK)	1

Boondocks

Design Number: 350-1704A - Bill Of Material

Ref. No.	Part No.	Description	Quantity
Audible Activities			
35	ZZCH4556	7in BELL (POST MOUNT)	1
36	ZZCH4559	10in BELL (POST MOUNT)	1
Stairs and Ladders			
37	ZZCH9168	12in ACCESS STEPPED PLATFORM (DECK TO DECK)	3
Additional Tool & Maintenance Kits			
38	ZZCHGUID	CHALLENGER GUIDELINES	1
39	ZZUN9910	SURFACING WARNING LABEL KIT	1
40	ZZUN9930	PIPE SYSTEMS MAINTENANCE KIT W/ AEROSOL	1

Boondocks

Design Number: 350-1704A - Compliance and Technical Data

Reference Document: ASTM F1487

Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre-Consumer Recycled (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	ZZCH0028	10	3.5in OD x 136in STEEL POST W/ RIVETED CAP	Certified	435.10			585	0	10.00	1.25	0
3	ZZCH0038	6	3.5in OD x 148in STEEL POST W/ RIVETED CAP	Certified	282.66			380	0	6.00	0.75	0
4	ZZCH0048	6	3.5in OD x 160in STEEL POST W/ RIVETED CAP	Certified	301.26			408	0	6.00	0.75	0
5	zzCH0619	4	FULL HEX COATED DECK ASSEMBLY	Certified	605.04			1,776	24	6.00	0.00	0
6	ZZCH0679	1	NUVO- 36in TRANSFER STATION	Certified	239.72			418	2	3.50	0.12	0
7	ZZCH3186	1	NATURE SLITHER SLIDE ENTRY/ EXIT	Certified	84.51			591	2	2.00	0.03	1
8	ZZCH3236	1	ZIGZAG SLIDE (60in DECK)	Certified	153.73			679	2	2.00	0.03	1
9	ZZCH3537	1	SLIDE- NUVO 360 SPIRAL SLIDE	Certified	650.00			1,417	2	6.00	0.15	1
10	ZZUN3207	1	SLITHER SLIDE 2.0 (STRAIGHT SECTION)	Certified	19.59			128	0	0.25	0.00	0
11	ZZUN3208	3	SLITHER SLIDE 2.0 (RIGHT SECTION)	Certified	58.77			401	0	0.75	0.00	0
12	ZZUN3249	1	SLITHER SLIDE 2.0 SUPPORT LEG 3ft-6in	Certified	15.01			62	0	0.25	0.03	0
13	ZZCH4328	1	ANIMAL LOCATOR PANEL	Certified	47.77			329	1	0.50	0.00	1
14	ZZCH4408	1	ACCESSIBLE BUGS PANEL	Certified	33.49			234	1	1.00	0.00	1
15	ZZCH4549	1	NATURE HUNT PANEL (GROUND LEVEL)	Certified	39.36			401	2	2.00	0.00	1
16	ZZCH4627	1	MAGNIFYING PLAY PANEL	Certified	34.66			426	2	0.50	0.00	1
17	ZZCH4636	1	NATURE SOUNDS PANEL	Certified	30.31			985	2	0.50	0.00	1
18	ZZCH4807	1	OVAL INSERT PANEL (DECK MOUNT)	Certified	28.16			211	0	0.50	0.00	0
19	ZZUN4792	1	CATACOMBS PANEL INSERT	Certified	23.02			250	1	0.50	0.00	1
20	ZZCH4288	1	ACCESS GATE	Certified	17.34			65	0	0.50	0.00	0
21	ZZCH4811	2	OVAL BUBBLE PANEL (DECK MOUNT)	N/A	66.78			486	0	2.00	0.00	0
22	ZZCH4389	2	DOUBLE SIDED CUSTOM GRAPHIC PANEL (DECK MOUNT)	Certified	190.92			669	0	2.00	0.00	0
23	ZZCH6818	1	TREE HOUSE CLIMBER (72in DECK)	Certified	125.78			809	2	2.00	0.06	1
24	ZZCH6839	1	THE WILDWOOD CLIMBER (48in DK)	Certified	168.30			820	6	2.50	0.09	1



Boondocks

Design Number: 350-1704A - Compliance and Technical Data

Reference Document: ASTM F1487

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25	ZZCH7168	1	6ft TOWER CLIMBER	Certified	100.77			242	2	2.00	0.06	1
26	ZZCH7957	1	SILO CLIMBER (72in DECK)	Certified	82.32			144	1	1.50	0.06	1
27	ZZCH8100	1	BEANSTALK CLIMBER (36in DECK)	Certified	69.63			273	1	1.00	0.03	1
28	ZZUN0167	1	ROCKBLOCKS DECK ACCESS SUPPORT (36in - 48in DECK)	Certified	43.86			70	1	1.00	0.13	1
29	ZZUN0176	1	ROCKBLOCKS Z SUPPORT (60in WALL)	Certified	31.01			44	0	1.00	0.13	0
30	ZZUN8358	1	ROCKBLOCKS 90 DEGREE WALL (84in to 60in)	Certified	119.07			824	4	0.50	0.00	1
31	ZZUN8360	1	ROCKBLOCKS END WALL (60in)	Certified	76.13			405	2	1.00	0.13	1
32	ZZCH5770	1	LEG LIFT	Certified	6.76			30	1	0.50	0.00	1
33	ZZCH5780	1	6ft HORIZONTAL LOOP LADDER	Certified	55.72			124	4	1.00	0.00	1
34	ZZCH5970	1	OVERHEAD EVENT ACCESS LADDER (36in DECK)	Certified	25.12			71	1	1.50	0.06	0
35	ZZCH4556	1	7in BELL (POST MOUNT)	Certified	4.61			41	1	0.25	0.00	1
36	ZZCH4559	1	10in BELL (POST MOUNT)	Certified	6.87			49	1	0.25	0.00	1
37	ZZCH9168	3	12in ACCESS STEPPED PLATFORM (DECK TO DECK)	Certified	210.84			831	3	6.00	0.00	0
38	ZZCHGUID	1	CHALLENGER GUIDELINES	N/A	0.00			1	0	0.25	0.00	0
39	ZZUN9910	1	SURFACING WARNING LABEL KIT	Certified	0.05			1	0	0.25	0.00	0
40	ZZUN9930	1	PIPE SYSTEMS MAINTENANCE KIT W/ AEROSOL	N/A				90				
Totals:					4,639.68	620	1,093	15,982	71	79.25	4.36	21
					2,087.86 Kg	279 Kg	492 Kg	16 Metric Tons			3.31 m3	



Boondocks

Design Number: 350-1704A - 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
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ASTM F1487

The lay-out for this custom playscape, design number 350-1704A, 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.

