Cardinal Zone

350-2404

Equipment Manufacturer





Cardinal Zone

350-2404

Equipment Manufacturer







PLAYWORLD SYSTEMS, INC.

1000 Buffalo Road Lewisburg, PA 17837-9795 USA

EQUIPMENT SIZE:

28'7" x 22'11" x 18'2"

8,71M x 6,99M x 5,54M

USE ZONE: 45'0" x 35'4"

13,73M x 10,78M

AREA: 1,236 SqFt. PERIMETER: 130'7"

114,82 SqM.

39,8M

FALL HEIGHT: 9 Ft.

2,75M

AGE GROUP:

59

USER CAPACITY:

5-12

JLE	Total Elevated Play Activities: 15			
	SCHEDULE	Total Ground-Level Play Activities: 5		
	ADA SCH	Accessible Elevated Activities	Accessible Ground-Level Activities	Accessible Ground-Leve Play Types
Required		8	5	3
Provided		9	5	4
			_	

✓ ASTM F1487-21

✓ CPSC #325



B

PROJECT NO:	SCALE:	
350-2404	3/16"=1'-0"	
DRAWN BY:	Paper Size	
M MERT7		

DATE:

28-SEPT-23

*PLAYGROUND SUPERVISION REQUIRED

35[']-4" [10.78M]

___45' [13.73M]

KALEIDOCLIMBER

SKYLIGHT

KALEIDO

CATWALK

SKYLIGHT

GLIDE SLIDE

6'-2" [1.89M]

GEO

CLIMBER

0 .5 1.0

360° TUBE SLIDE

8'-2" [2.50M]

10'

3.0 Meters

2.0

TRANSFER STATION W/ STEP

12" (1,22M) RISE FUNNEL ADVENTURE TUBE

ARCH BRIDGE

6'-2" [1.89M]

KALEIDOCLIMBER

SKYLIGHT

12" (1,22M) RISE CANYON CROSSING

LEG LIFT

SPIRAL LADDER W/ ACCESS

LADDER

8'-3" [2.52M]

360° TUBE SLIDE

BAR

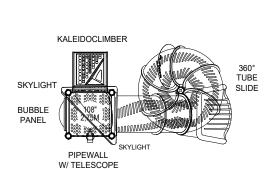
> PLAYWORLD

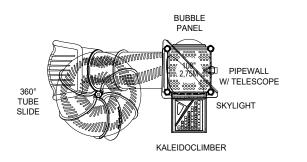
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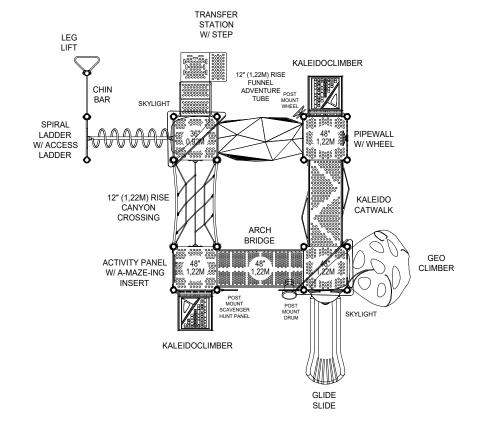
NOTES:

- This tower detail is a diagram of the individual level layouts of the tower portion of your play structure, showing the detailed component layout of each level.
- 2) This tower detail is not to scale and is meant for reference purposes only. It should not be used in obtaining accurate measurements for any of the equipment shown unless otherwise noted on the drawing.
- 3) This design configuration is the property of this firm and Playworld Systems® and may not be reproduced or used in any manner without the expressed written consent of this firm and Playworld Systems®.





9' (2,75M) DECK LEVELS



GROUND AND LOWER DECK LEVEL

TOWER DETAIL: **Detail 1**

PROJECT NO: 350-2404

DRAWN BY:

SCALE: NOT TO SCALE

Paper Size

DATE: **28-SEPT-23**

M. MERTZ

B

*PLAYGROUND SUPERVISION REQUIRED

2,75M

AGE GROUP:

USER CAPACITY: 5-12

LE .		Total Elevated Play Activities: 15			
	SCHEDULE	Total Ground-Level Play Activities: 5			
	ADA SCH	Accessible Elevated Activities	Accessible Ground-Level Activities	Accessible Ground-Level Play Types	
Requ	iired	8	5	3	
Provided		9	5	4	

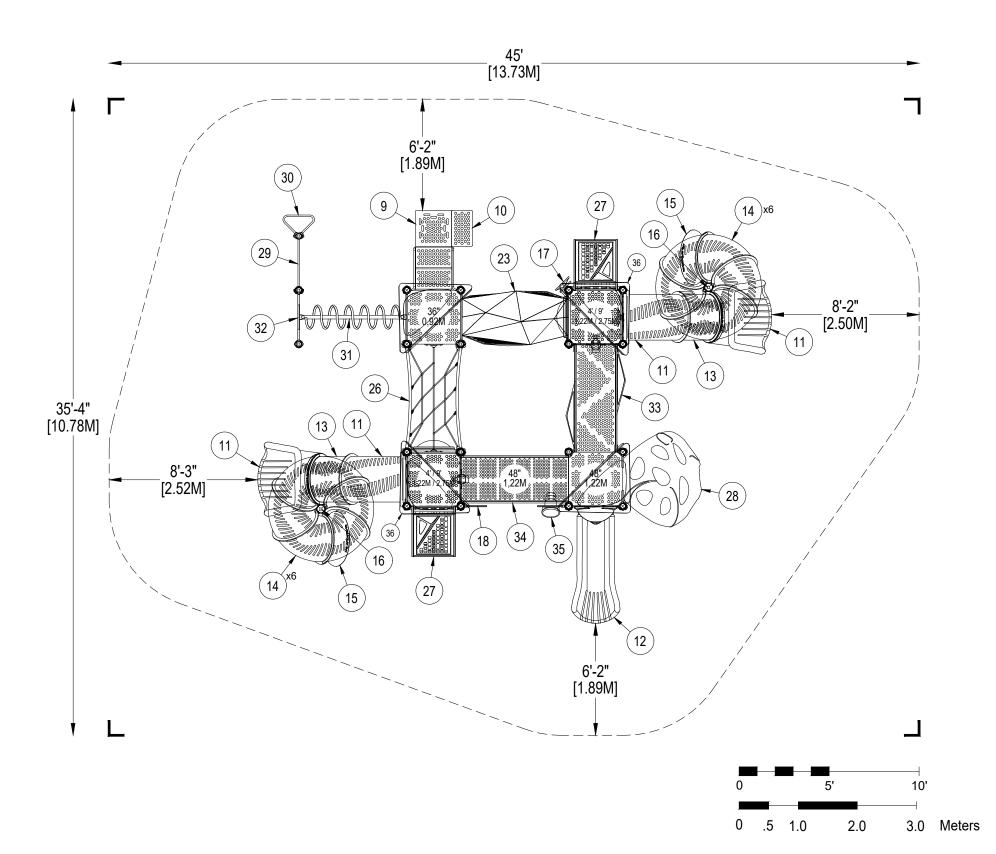
✓ ASTM F1487-21

✓ CPSC #325

28-SEPT-23



PROJECT NO:	SCALE:	
350-2404	3/16"=1'-0"	
DRAWN BY:	Paper Size	
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DATE:	В	
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PLAYWORLD SYSTEMS, INC.

1000 Buffalo Road Lewisburg, PA 17837-9795 USA

28'7" x 22'11" x 18'2"

AREA: 1,236 SqFt. PERIMETER: 130'7"

39,8M

114,82 SqM.

59

CARDINAL

- 1) This tower detail is a diagram of the portion of your play structure, showing the detailed component layout of each level.
- This tower detail is not to scale and is meant for reference purposes only. It should not be used in obtaining accurate measurements for any of the equipment shown unless otherwise noted on the drawing.
- property of this firm and Playworld Systems® and may not be reproduced or used in any manner without the expressed written consent of this firm and Playworld Systems®.

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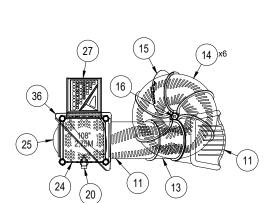
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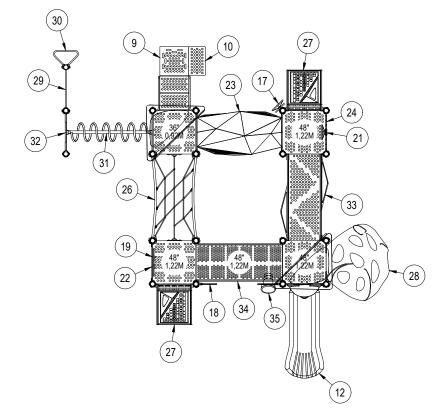
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NOTES:

individual level layouts of the tower

3) This design configuration is the





GROUND AND LOWER DECK LEVEL

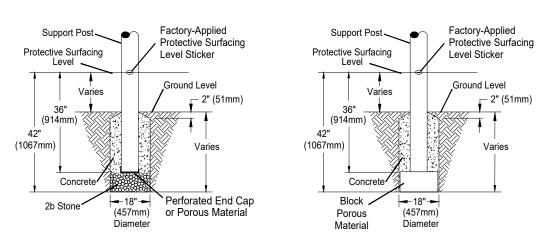


TOWER DETAIL: Detail 1				
PROJECT NO: 350-2404	SCALE: NOT TO SCALE			
DRAWN BY: M. Mertz	Paper Size			
DATE: 28-SEPT-23	B			

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DETAIL 1

Support Post, Spiral Slide and Post Footing Detail



OR When utilizing Post Extensions adjust depth of footing/concrete accordingly.

DETAIL 3 Component Footing Detail

Component-

Varies

BLOCK OPTION

Protective Surfacing

Level

24"

(610mm)

30"

(762mm)

BLOCK OPTION

Factory-Applied

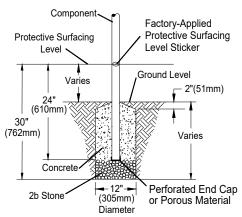
Level Sticker

Ground Level

Protective Surfacing

Varies

2"(51mm)



STONE OPTION

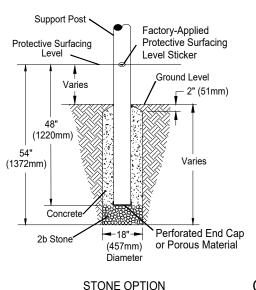
STONE OPTION

Block **→** 12" → Porous (305mm) Diameter Material

OR

DETAIL 2

GroundZerO, Cantilever and "T" Post Footing Detail



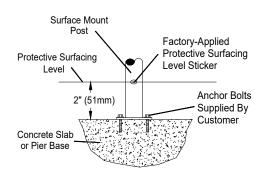
Factory-Applied Protective Surfacing Protective Surfacing Level Level Sticker Ground Level Varies - 2" (51mm) 48" (1220mm 54" Varies (1372mm) Concret Block **─**-18"-**>** Porous (457mm) Material Diameter

OR **BLOCK OPTION**

Support Post

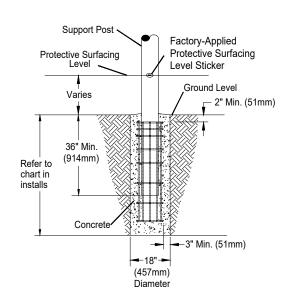
DETAIL 4

Surface Mount Detail



DETAIL 5

Shade Post Footing Detail



- 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
- 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

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
- 8) Read completely the installation instructions provided with your structure prior to beginning construction.

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> PLAYWORLD

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FOOTING LEGEND



COMPONENT FOOTING (DETAIL 3)



SPIRAL SLIDE CENTER POST FOOTING (DETAIL1)





SUPPORT POST FOOTING (DETAIL 1 or 4) (136" INDICATES POST LENGTH) THICK BORDER INDICATES POST EXTENSION LOCATION



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



GROUND ZERO POST FOOTING (DETAIL 2) (148" INDICATES POST LENGTH)



SHADE HAT POST FOOTING (DETAIL 5) (210" INDICATES POST LENGTH)

SCALE: **FOOTING DETAIL** NOT TO SCALE DRAWN BY: Paper Size PW CAD B DATE: 18-NOV-20

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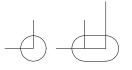
PLAYMAKERS



PLAYWORLD SYSTEMS, INC.

1000 Buffalo Road Lewisburg, PA 17837-9795 USA

FOOTING LEGEND



COMPONENT FOOTING (DETAIL 3)



SPIRAL SLIDE CENTER POST FOOTING (DETAIL1)



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: **350-2404**

DRAWN BY:

28-SEPT-23

1/4"=1'-0" Paper Size

SCALE:

M. MERTZ

DATE:

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CARDINAL ZONE
CATALOG PRE-DESIGN