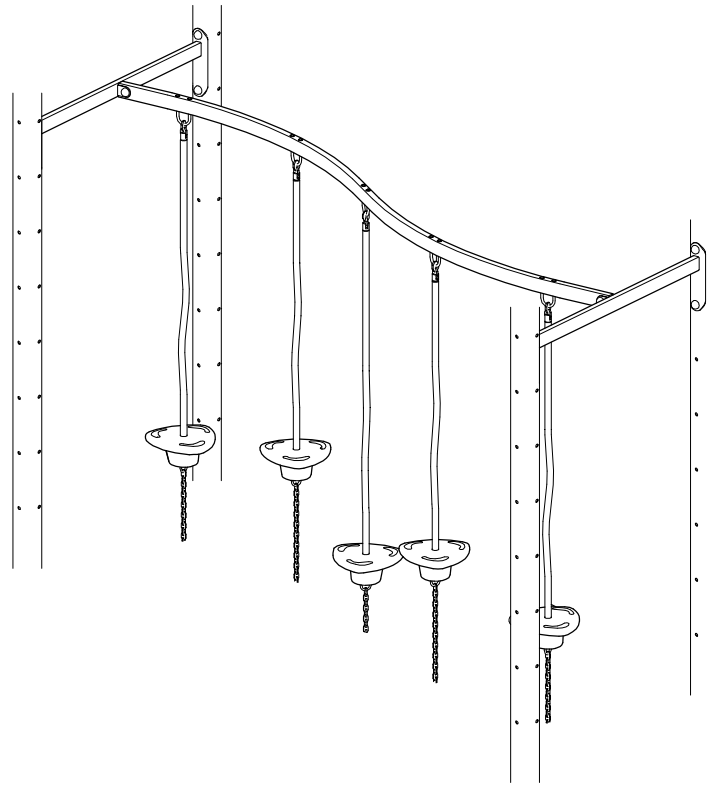














PlayPod Traverse 157" Curved

M09-034
Installation Instructions







BigToys

A PLAYCORE Company



DET.	QTY.	PART#	DESCRIPTION	ICON (NOT TO SCALE)
A	2	401816	Bracket 1 Rail	
B	1	G484_	PlayPod Rail 157" Curved Inner	
C	2	401994	PlayPod Hanger Assy 30"	
D	2	402039	PlayPod Hanger Assy 24"	
E	1	402001	PlayPod Hanger Assy 18"	
F	3	G441_	PlayPod w/ 1.38" Hole (Primary Color)	
G	2	G441_ _	PlayPod w/ 1.38" Hole (Secondary Color)	
H	8	M000	Threaded Insert 1/2"	 
	1	E521_	Connector Package	
I	8	801206	Bolt Tap 1/2-13 x 1-3/4" Grd 2 Nc Pltd	 
J	2	801210	Bolt Hex 1/2-13x2-3/4" Grd 2 NC Pltd	 
K	2	804355	Nut, Hex 1/2" - Lock	 
L	12	G034_	Do-Nut Base (No Boss) 12mm	 
M	12	G036_	Do-Nut Cap 12mm	 

Continued 

DET.	QTY.	PART#	DESCRIPTION	ICON (NOT TO SCALE)
	5	D523_	Connector Package	
N	7	817406	Flat Washer 5/16" W/1-1/8" OD SS	
O	2	811076	Cap Screw 3/8-16 x 4" Btn Hd SS P-lock	
P	1	0104	U-Nut Hanger	
Q	1	H443	Chain 3/8" Galv (2 Links)	
R	1	802720	Bolt Shoulder 3/8 x 5/8" SS P-lock	
S	3	811050	Cap Screw 3/8-16 x 1" Btn Hd P-lock SS	

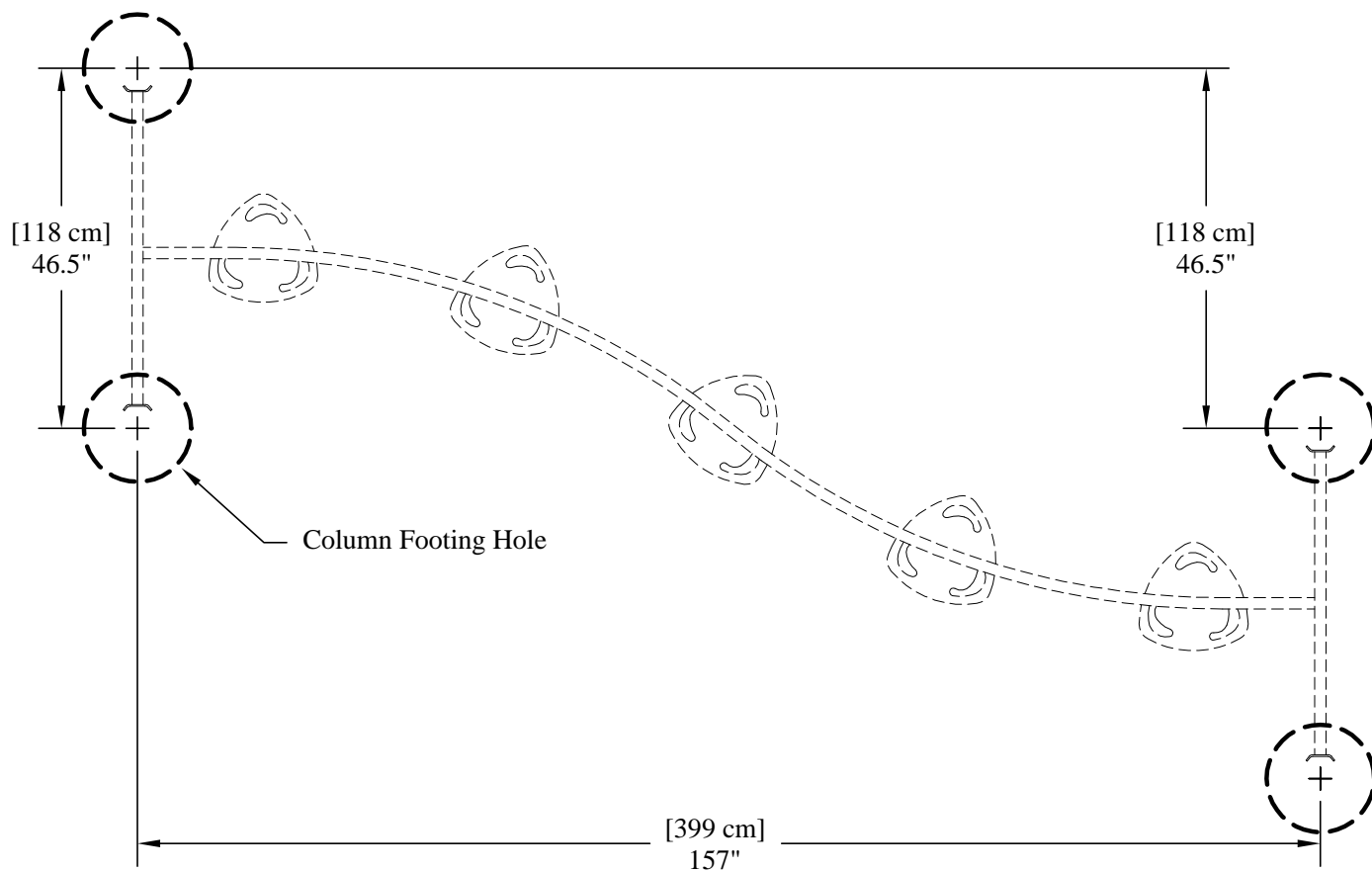
1. Refer to your structure design for the location and orientation of PlayPod Traverse.
2. **Locate and dig Column Footing Holes** as shown below.
Note: Do not dig holes for PlayPod Hangers at this stage.



Column Footing Size and Depth

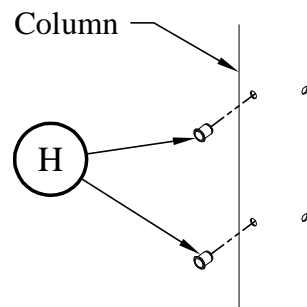
If the PlayPod Traverse is not attached to a structure ("stand alone"), use "Deep Footing" as described in "Typical Concrete Footings."

If the PlayPod Traverse is attached to a larger structure, use "Standard Footing" as described in "Typical Concrete Footings."

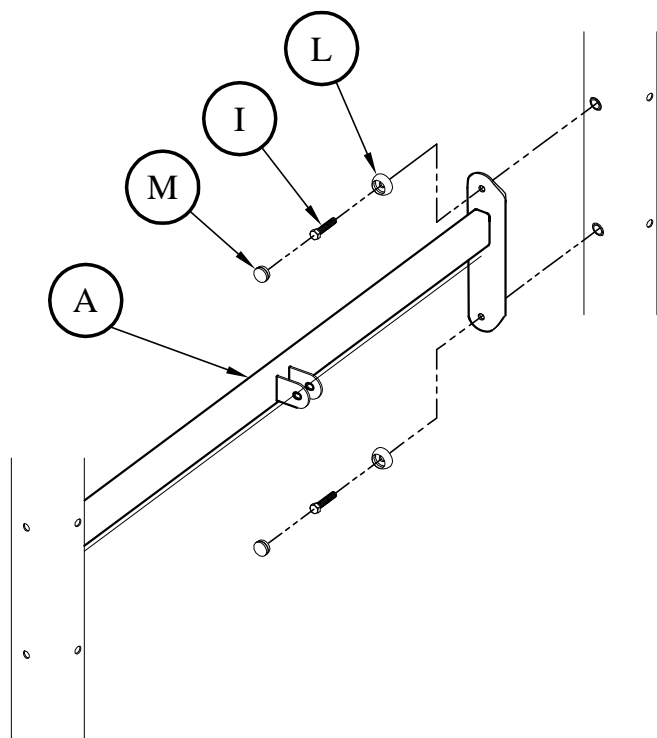


3. **Install Threaded Insert (H)** in Columns as shown.

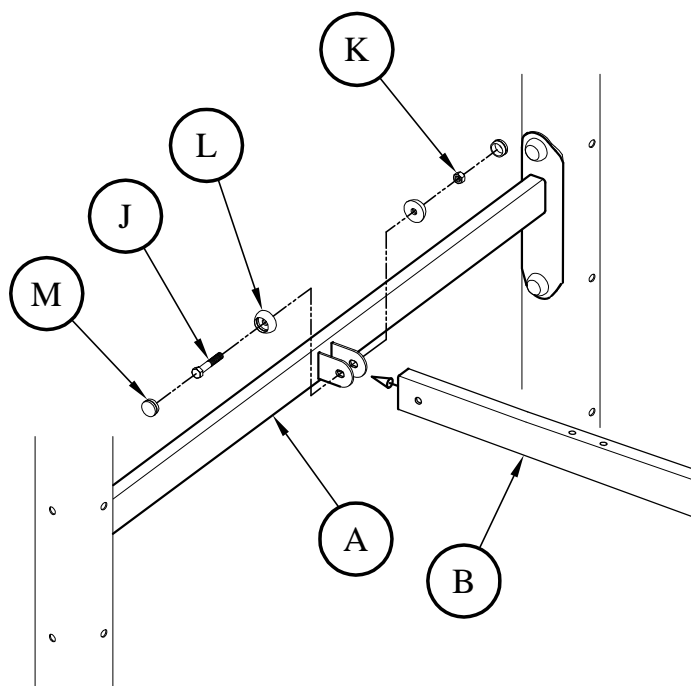
Refer to "Typical Threaded Insert Installation" in the supplemental Installation Instruction Prolog (iM1000) for installation procedures.



4. **Attach Brackets (H)** to inserts using hardware (L), (I), and (M).



5. **Attach PlayPod Rail (B)** to Brackets (A) using hardware (L)(J)(M)(K).M).



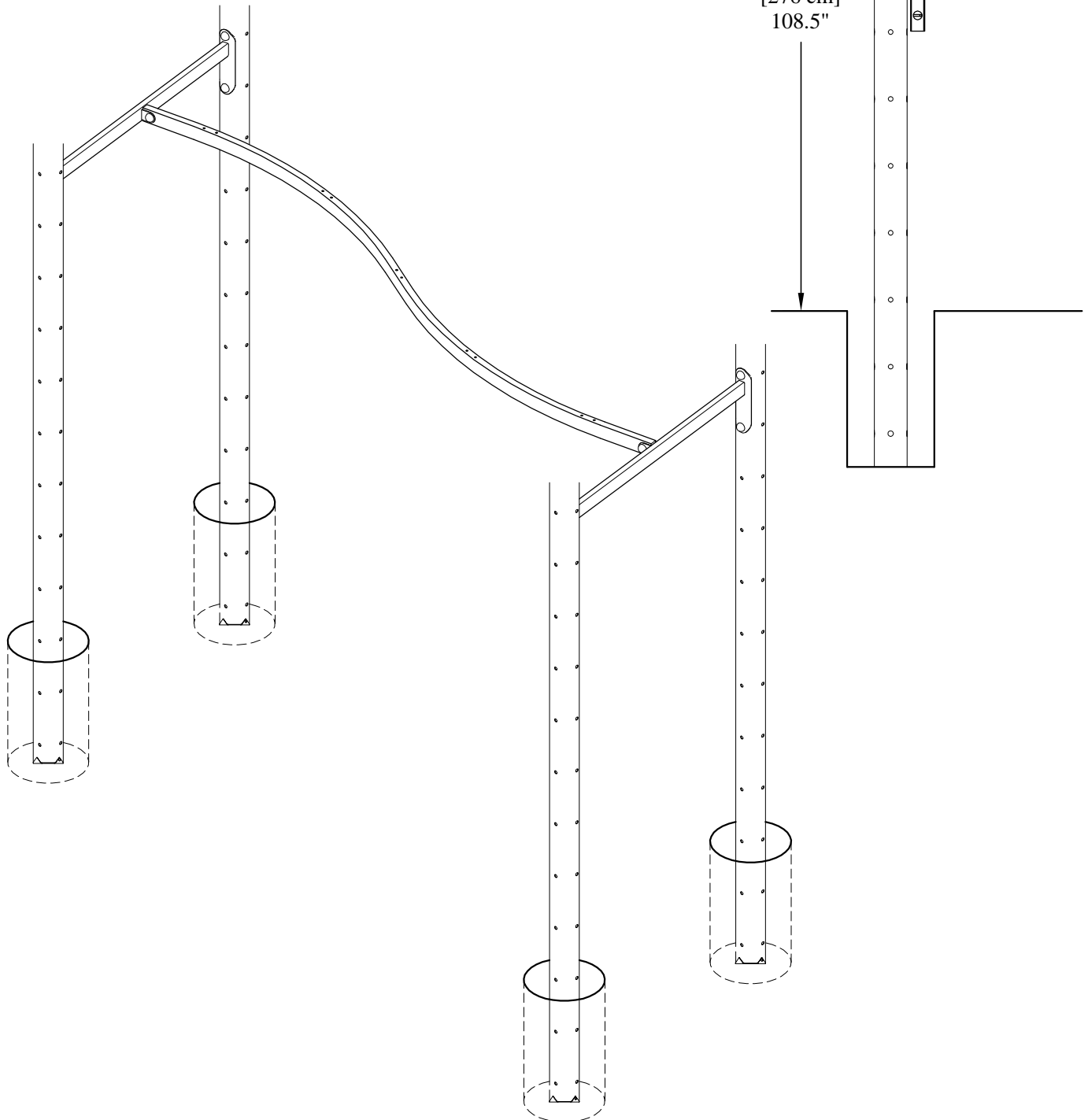
6. **Plumb and level framework**

Note: If PlayPod Traverse is attached to a larger structure, the adjacent structure should be plumb and level at this point.

7. **Pour concrete into footing holes.**

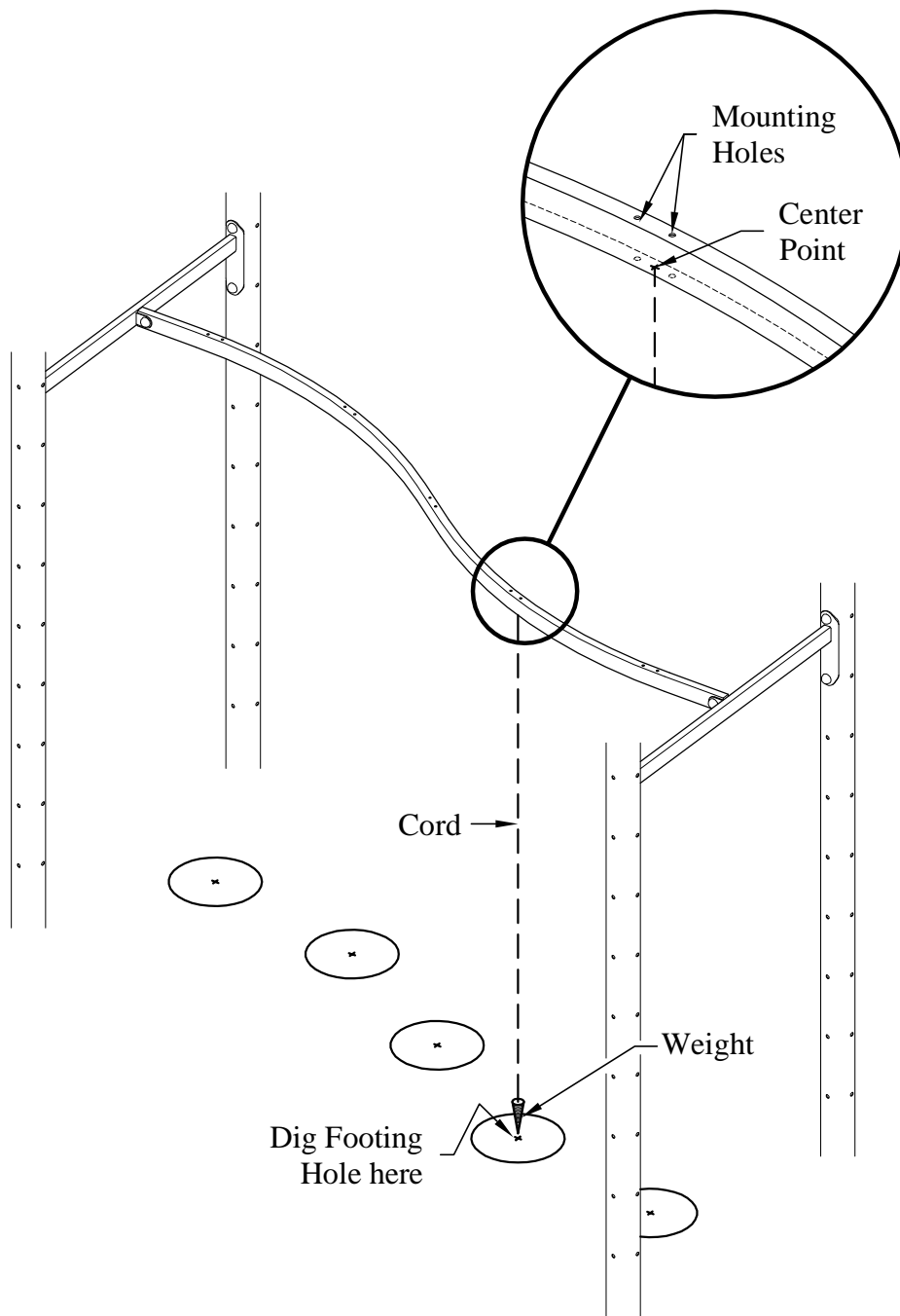
(See "Concrete Requirements" and "Typical Concrete Footings.")

8. **Allow concrete to set up** before proceeding to next step.

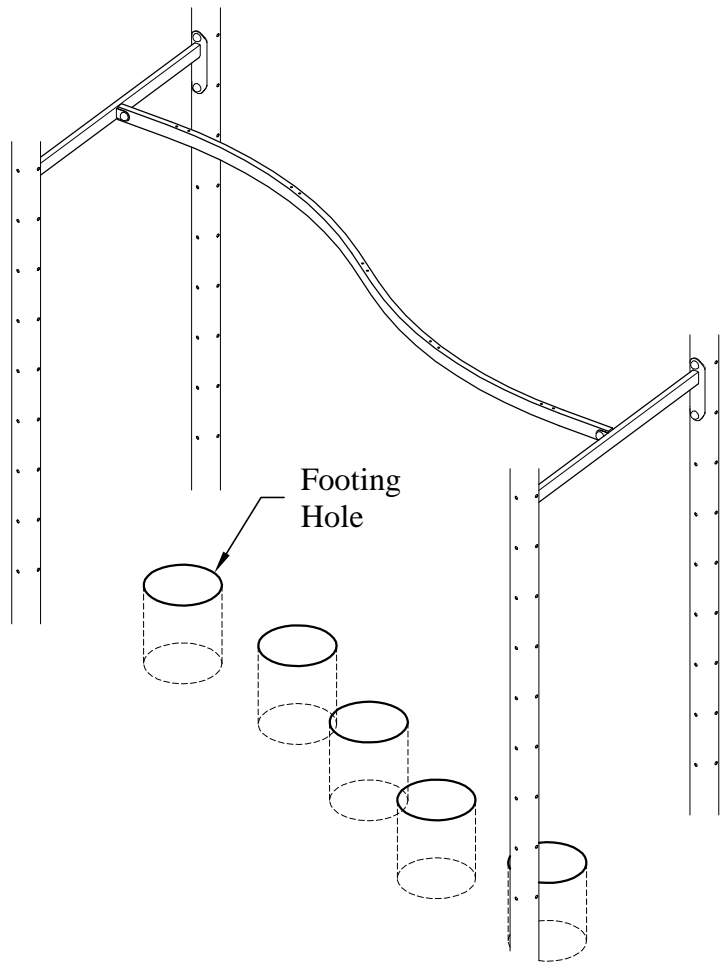


9. **Locate Footing Holes.** Place a plumb line (a cord with a small weight attached to one end) under the Rails, between each set of holes. Let the plumb line hang freely near the ground and place a legible mark directly below the plumb line weight.

Note: It is important each footing hole is located directly under the center point of the mounting holes for each PlayPod Hanger.



10. **Dig Footing Holes** on center marks made in previous step.
(See footing information on this page.)



Concrete Footings for PlayPod Hangers

Footing depth depends on:

- ◆ The thickness of the resilient surface you have chosen for your BigToys® play structure.

The distance from the top of the resilient surface to the bottom of the footing is 28".

Note: Refer also to the footing and frost line information found in "Assembly of the Play Structure" on page 5.

Use this simple formula to find the footing depths for PlayPod Hanger Footing Holes:

Total Depth of footing minus Resilient Surface Thickness equals Footing Depth.

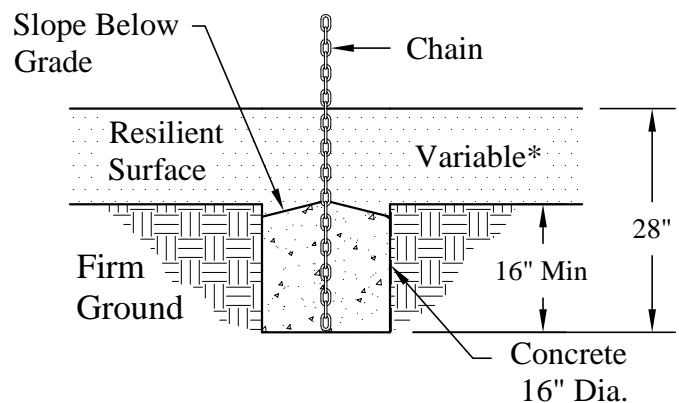
$$TD - RST = FD$$

Example: to find the footing depth for a Standard-Column with 12 inches of resilient surface, the formula would look like this:

$$28" - 12" = 16"$$

Your footing depth is 16"

PlayPod Hanger Footing (1.6 to 2.6 cubic feet of concrete)**



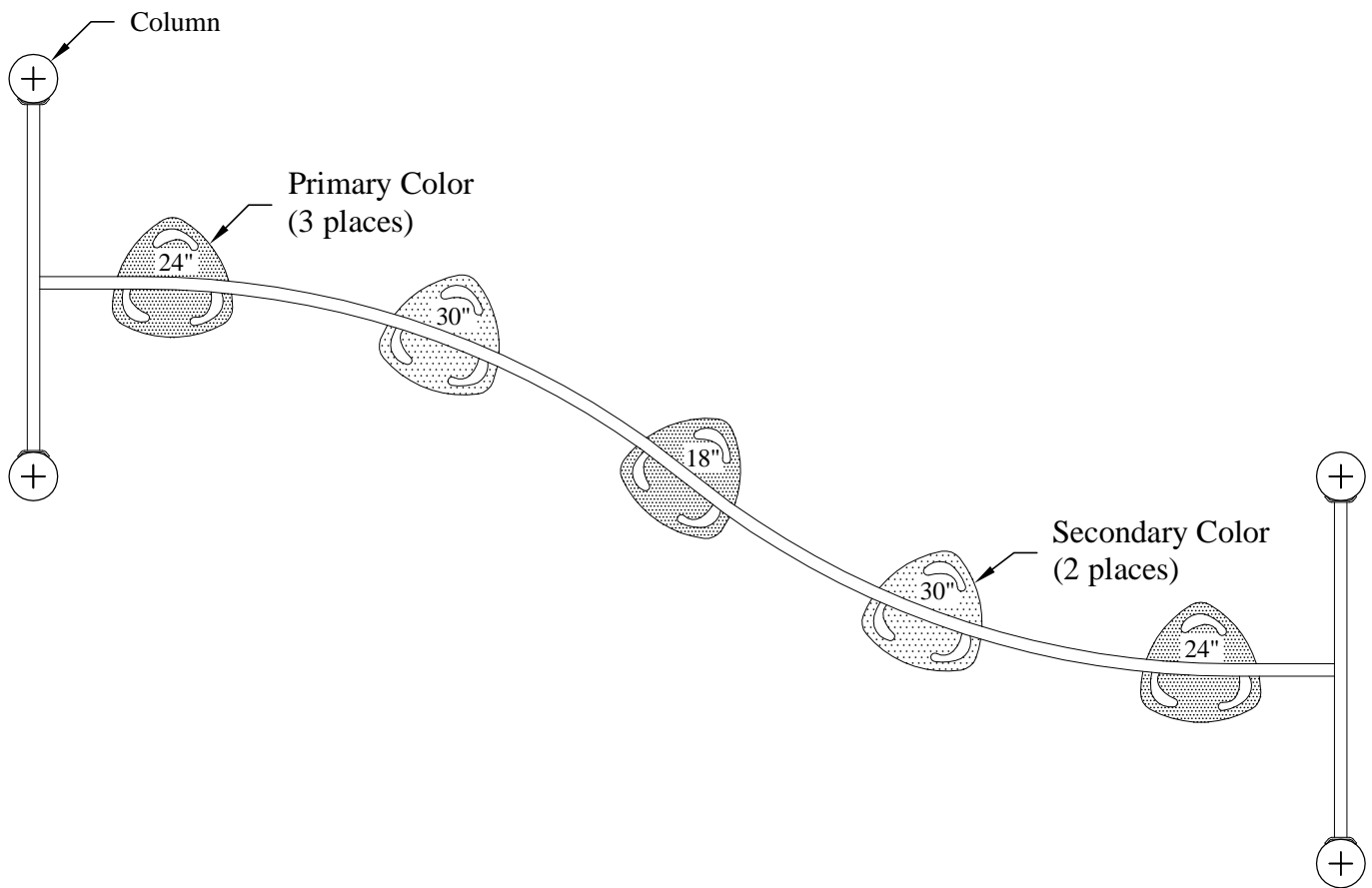
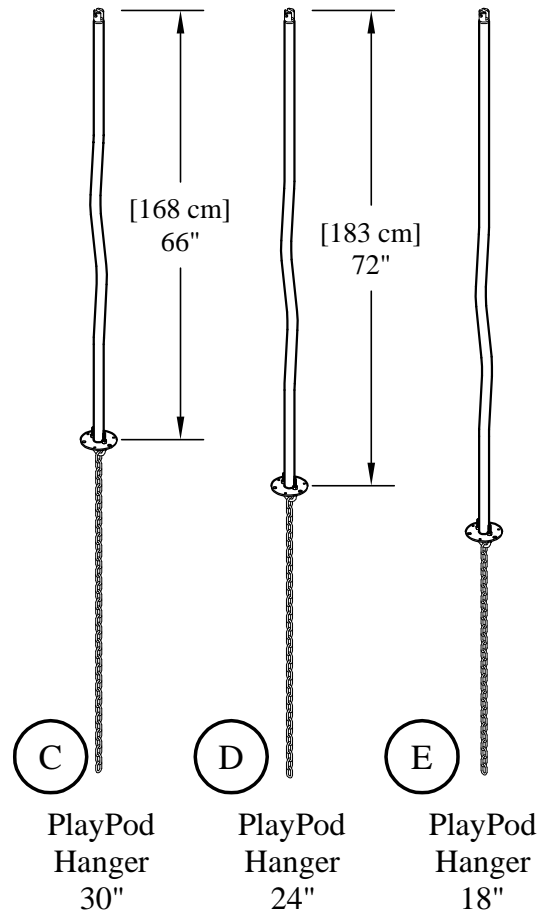
**Depth of resilient surface will vary depending on the type of surfacing used. (See enclosed USCPSC report.)*

*** The concrete volumes listed are approximations based on the maximum and minimum resilient surface thickness' available. Varying soil conditions may also affect volumes.*

11. **Identify PlayPod Hangers (C)(D)(E)** and associate them with their positions on the Frame and with their proper PlayPod Color.
 Note: PlayPods for your PlayPod Traverse come in two colors; a Primary (darker) color and Secondary (lighter) color.

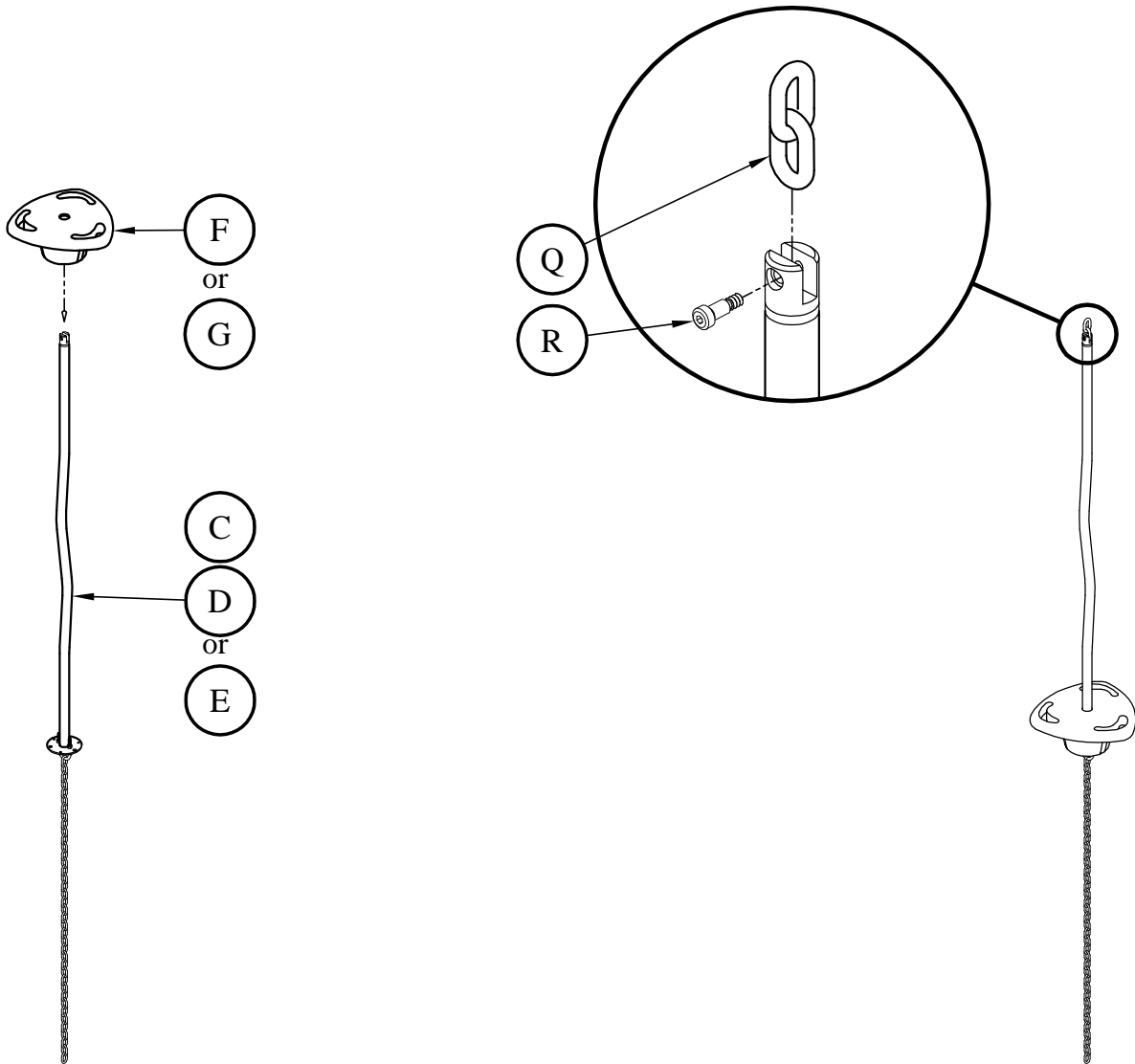


Make sure you match the proper colored PlayPod with the proper length PlayPod Hanger.

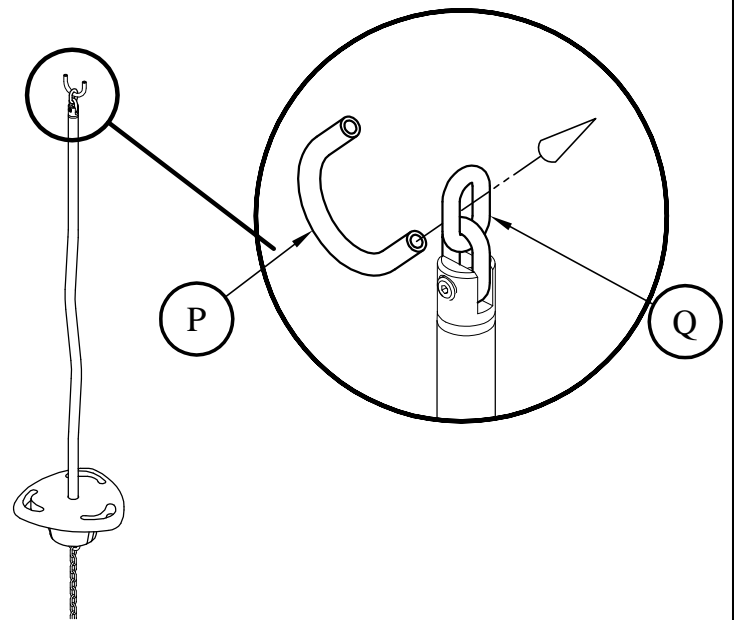


12. **Slide the proper colored PlayPods (F) or (G)** over the proper PlayPod Hangers (C)(D) or (E).
Note: Do not install bolts that attach PlayPods to PlayPod Hangers at this time.

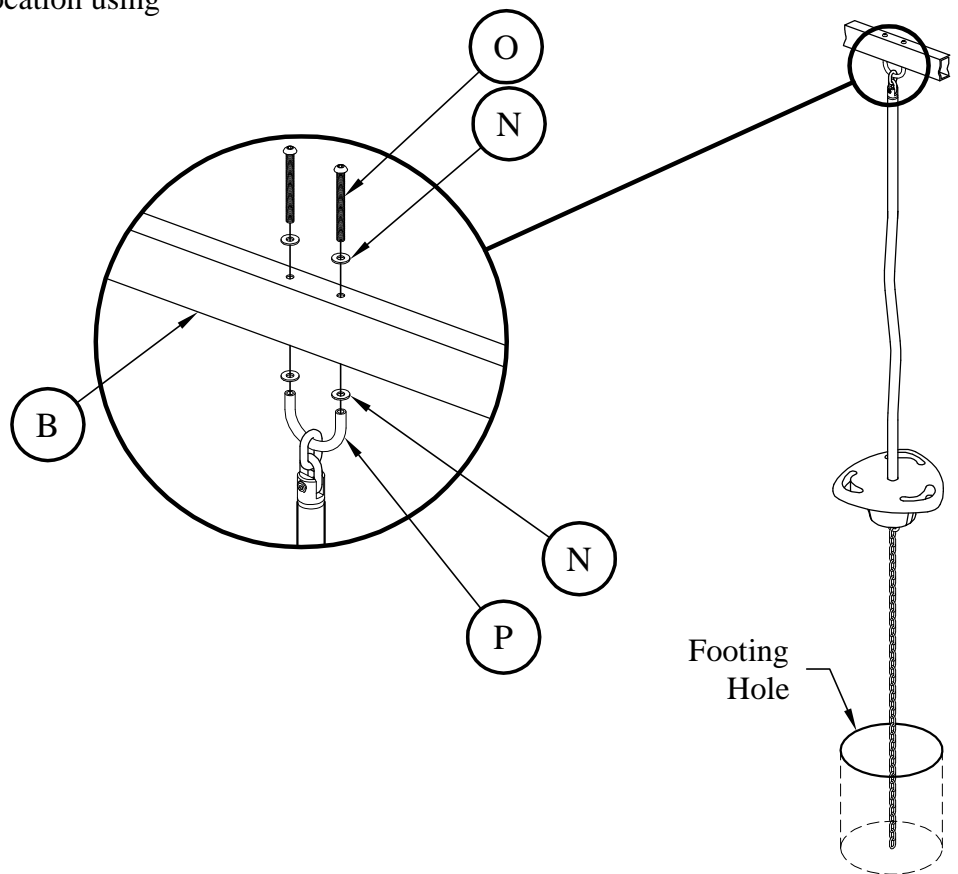
13. **Attach Chains (Q) to PlayPod Hangers** using hardware (R).



14. **Slide U-Nut Hanger (P) through top link of Chain (Q).**



15. **Attach assembled PlayPod Hanger to a PlayPod Rail in its proper location using hardware (N)(O).**
(See diagram on sheet 7.)



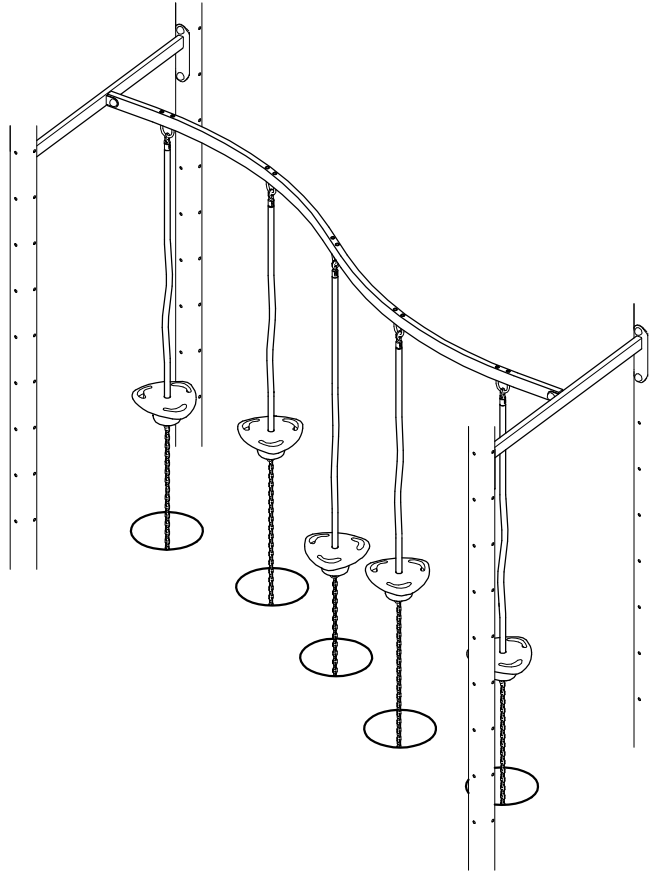
16. **Fill each PlayPod Footing Hole** with concrete while restraining the lower chain.

Note: It is important that each PlayPod Hanger Assembly, including the lower Chain be in line vertically from the top to the point where the chain enters the concrete.

17. **Allow concrete to set up** before proceeding to next step.



It is important that the concrete be mixed as described in "Concrete Requirements" and per manufacturers recommendations.



18. **Raise each PlayPod** to expose the top nuts on the U-Bolt at the bottom of the PlayPod Hanger Assemblies.
19. **Adjust the U-Bolt nuts** to obtain a 6" max. range of motion in any direction.
20. **Secure PlayPods to PlayPod Hangers** using hardware (S)(N).

