

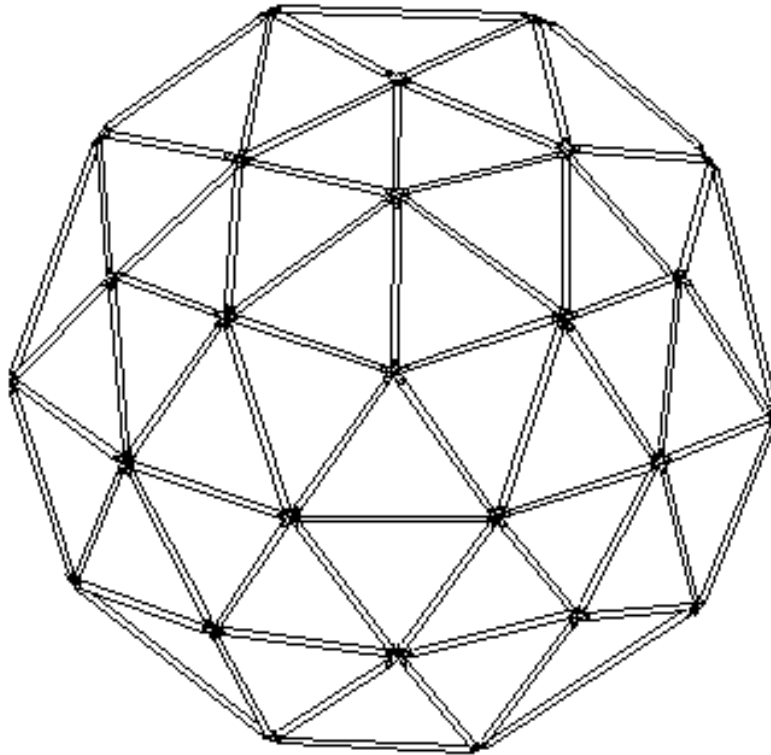
301-133 GEO-DOME (Perm)

Page 1
Rev 04/19/10
Rev 03/23/22

IMPORTANT

PLEASE READ THESE INSTRUCTIONS BEFORE COMMENCING ASSEMBLY. Please retain this instruction sheet in your files. It contains important replacement parts information. All equipment must be installed in accordance with these instructions. It is important to use and maintain all public playground equipment properly. Playground equipment, which is improperly maintained, can cause serious injury. Periodical inspections, maintenance, repair and/or replacement of damaged parts is necessary for safe operation of equipment. Appropriate publications, available at no charge, from the Consumer Product Safety Commission, include "A Handbook for Public Playground Safety". You can receive your free copy by calling 1-301-504-7908.

Dome footprint is
8' wide



Dome use/fall zone is a
20' diameter circle

See page 4 for installation key

PACKING LIST				HARDWARE BAG			
1 CTN	1	Hardware Bag		26	116-545	5/16" x 2 1/2" Button HD Bolts	
	5	503-647 Dome Anchors		62	316-501	5/16" Flat Washers	
2 CTN	15	303-224 Braces (Blue)		31	216-501	5/16" Hex Nuts	
		2'-5 1/2"		26	326-501	5/16" Lock Washers	
1 CTN	20	303-221 Braces (Red)		1	416-350	Socket Key	
		2'-8 1/2"		1	805-532	Warning Label	
1 CTN	15	303-222 Braces (White)		1	805-534	SportsPlay Label	
		2'-9"		30	905-847	Bolt Caps	
				1	Maintenance Checklist		

5 CTN

5 TOTAL PCS

WT 130#

CLASS 70

SportsPlay Equipment, Inc., 8505 Delmar Blvd Ste G, St. Louis, MO 63124
(314) 389-4140 www.sportsplayinc.com

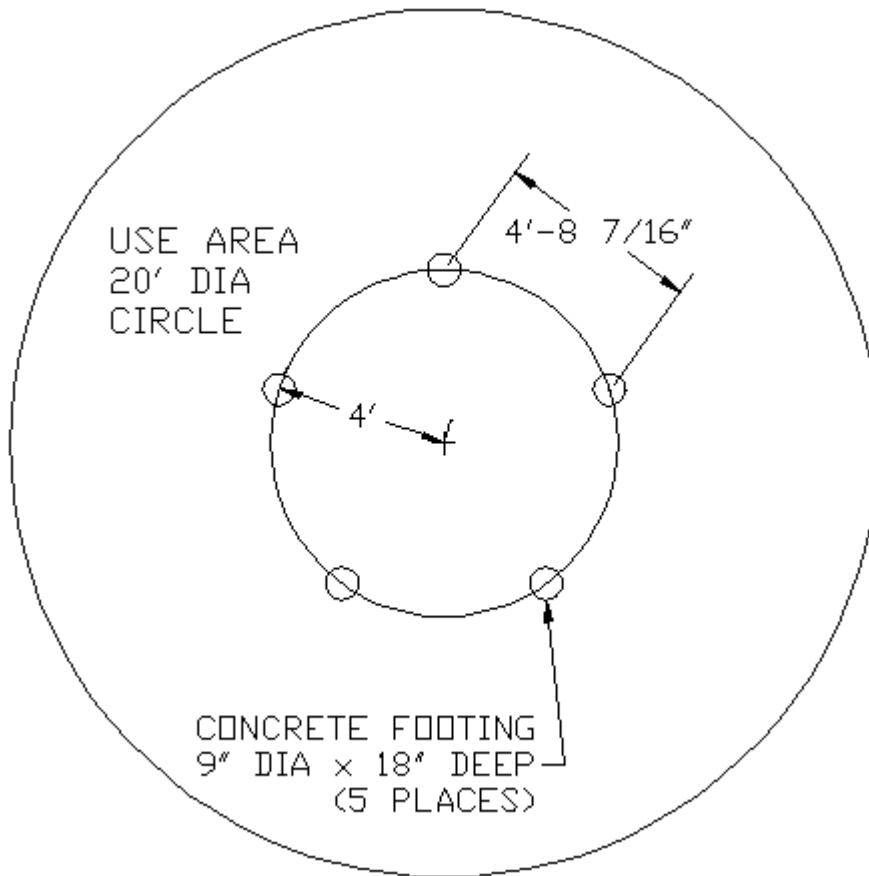
301-133 GEO-DOME (Perm)

Page 2
Rev 4/19/10
Rev 03/23/22

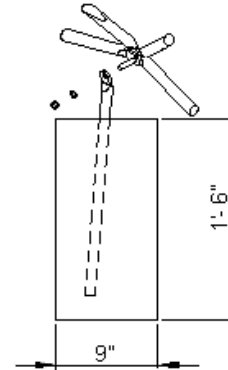
GENERAL FOOTING RECOMMENDATIONS:

Diameter and depth of footings illustrated are satisfactory in most applications for pipe size up to 1 1/4" in diameter. Varying soil and climate conditions may require deeper and/or heavier footings in some areas. Check local building codes.

USE AREA AND FOOTING LAYOUT:



PERMANENT INSTALLATION



MAINTENANCE:

Periodically, check for loose bolts and worn or broken parts. Tighten loose bolts immediately. If parts are worn or broken, discontinue use immediately and contact your SportsPlay distributor for replacements.

GENERAL ASSEMBLY INSTRUCTIONS:

Check all the parts and hardware with the packing list to be sure you have received everything needed to assemble this product.

Check each part carefully and remove any sharp edges or projections that may have been caused in shipping. CONTACT YOUR LOCAL DISTRIBUTOR WITH NOTIFICATION OF ANY MISSING OR DAMAGED PARTS. Contact must be made within ten days of receipt of your order.

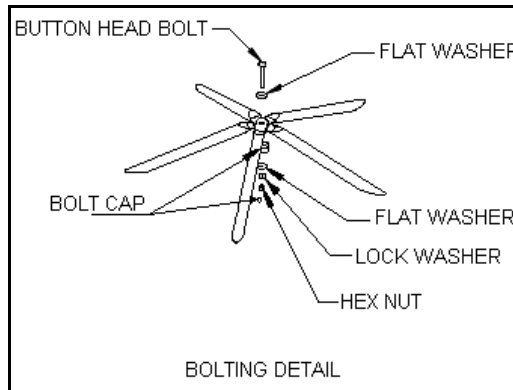
301-133 GEO-DOME (Perm)

Page 3
Rev 4/19/10
Rev 3/23/22

SPECIFIC ASSEMBLY INSTRUCTIONS:

NOTE: Extra long bolts are supplied to make assembly possible after assembly is complete, all protruding threads must be cut off and peened over to remove any sharp projections. Bolt Caps are also provided if you would like to use. These however, must be installed before the nut is put on the bolt. They are two piece, and the cap can be placed on after bolt is cut and peened over.

STEP #1: Start with 303-222 White Braces. Assemble bottom row. At the footing marked with a circle (see sketch pg. 1), use 116-545 2 ½" button head bolts inserted from the inside with one 316-501 Flat Washer on both sides and one 216-501 Hex Nut. On the other bottom joints use one 116-545 2 ½" button head bolt inserted from the outside with one 316-501 flat washer under the head of the button head bolt, and one washer and one 326-501 lock washer under a 216-501 5/16" hex nut. DO NOT TIGHTEN ANY NUTS MORE THAN A FEW TURNS AT THIS POINT.



STEP #2: Next assemble all the joints with five 303-224 Blue Braces, use one 116-545 5/16" x 2½" button head bolt put thru from outside with one 316-501 flat washer under the head of the button head bolt, and one flat washer and one lock washer under the hex nut. (See Plan View Illustration for Color Code for Braces). Always position bars where ends point up on bottom so that ends of bars pointing down are on top.

STEP #3: Now assemble the six unit joints using the 2-1/2" button head bolts, with washers on both ends and a lock washer under the hex nut.

STEP #4: Continue this procedure for the final five brace connections at the top.

STEP #5: Place a "C"-Clamp (or similar) over the joined braces and tighten down. NOW TIGHTEN ALL JOINTS SECURELY. Then cut off all bolts ends so that no more than 2 threads extend beyond the nut. Peen or file to remove sharp edges. Firmly press the Bolt Cover Lids over the Bolt Caps.

STEP #6: After assembly, locate the five footing holes as shown on the illustration on page 2. Place a wood or metal stake at each hole location. Move Geo-Dome out of the way and dig holes. (See Footing Diagram, p.2) Allow for proper depth of resilient surfacing.

STEP #7: Reposition Geo-Dome and attach 503-637 Anchor as shown using washers on both sides of the dome anchor and a lock washer under the hex nut. Pour concrete into holes and let set for 48 hours. After concrete has hardened, the Geo-Dome is ready to use.

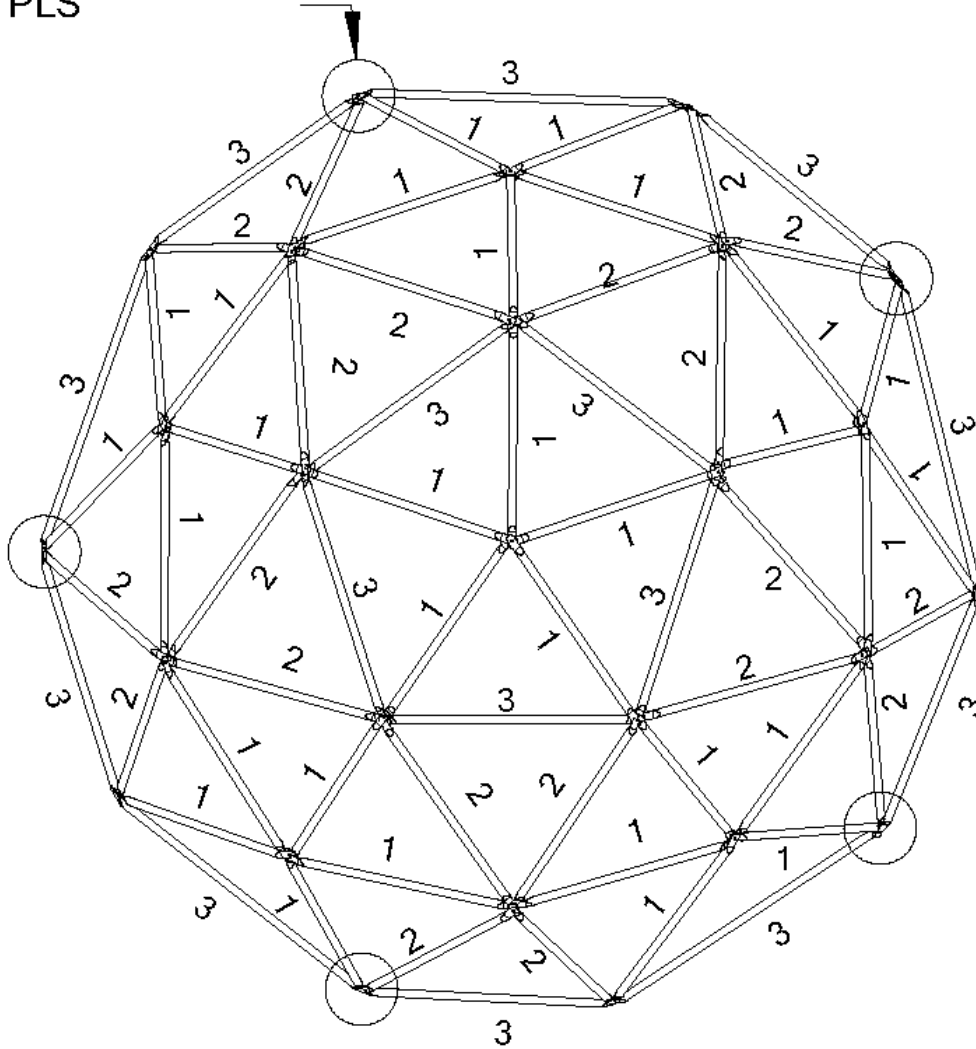
STEP #8: Attach Warning Label and Manufacturer's Identification Label to a clean surface. The Labels should be attached in a location where they are clearly visible and legible and away from normal hand and foot placement areas. The Labels must be replaced if they become illegible, destroyed, or removed. Contact your Distributor for replacement Labels.

301-133 GEO-DOME (Perm)

Page 4
Rev 04/19/10
Rev 03/23/22

Installation Key

CONCRETE FOOTING
9" DIA. X 18" DEEP
TYP 5 PLS



COLOR TABLE

1	BLUE
2	RED
3	WHITE

# Boxes	BOX WEIGHT	BOX DIMENSIONS
2	28 LB.	30" X 7" X 5"
1	32 LB	33" X 7" X 5"
1	40 LB.	32.5" X 7" X 5"
1	11 LB	23.5" X 7" X 5"