

1. SITE PLANNING

Prior to delivery of the ICON outdoor ping pong table (Table), customers should consider the following:

- 1.1 Table Information: ICON
- 1.2 Playing Area
- 1.3 Surfaces
- 1.4 Table Orientation
- 1.5 Surroundings
- 1.6 Site Preparation

1.1 TABLE INFORMATION: ICON

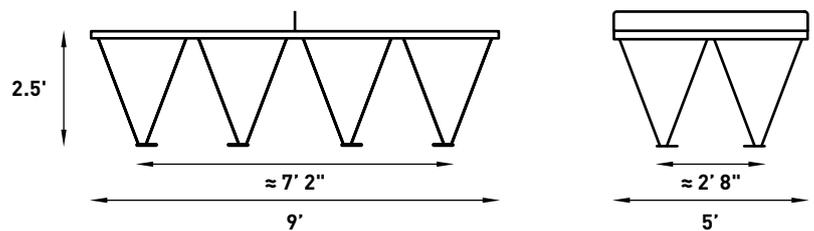
Table Dimensions: 9' x 5' x 2.5' h

Weight: Approximately 690lbs

Anchoring: 8x Secure Anchoring Footings

Materials: Steel rod and plate

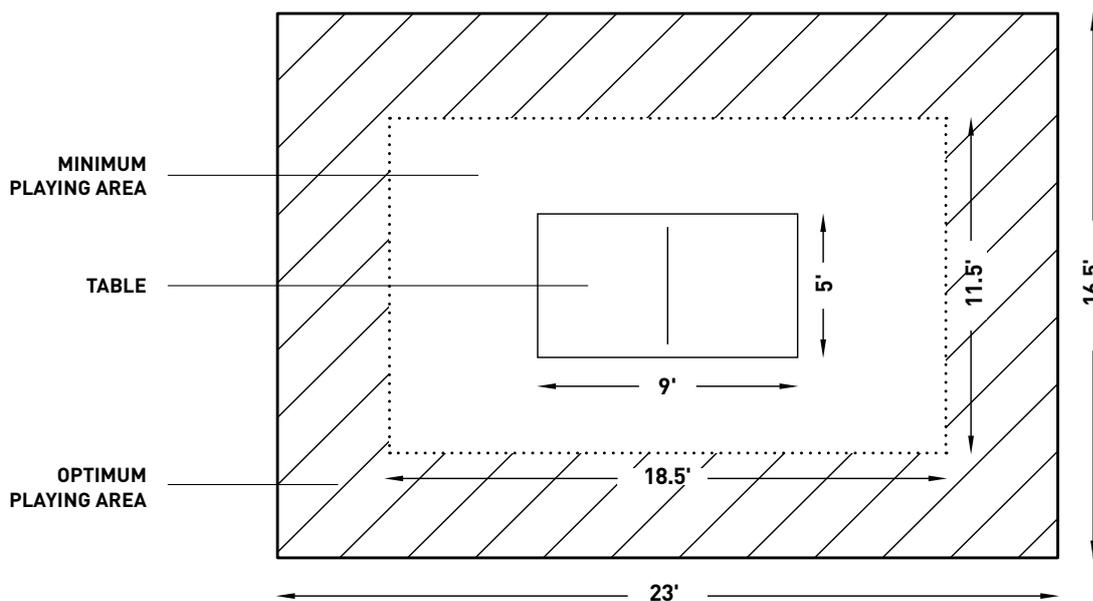
Surface Treatment: Abrasive blast and powder coated for exterior application



1.2 PLAYING AREA

POPP recommends a Minimum Playing Area and an Optimum Playing Area. Both areas provide more experienced players adequate space for a fun game of social ping pong. The Optimum Playing Area provides additional space for competitive games and spectators. Customized playing areas (including reduced playing areas) are also possible and common. This need may arise if multiple Tables are required or if existing spaces include pre-defined orientations or structures.

1.2.1 RECOMMENDED MINIMUM + OPTIMUM PLAYING AREAS



1.2.2 CUSTOM PLAYING AREA

For assistance with Custom Playing Areas, please contact POPP or your local sales representative.

1.3 SURFACES

1.3.1 PLAYING AREA SURFACES

Playing Area Surfaces can be new or existing. They are often (but not limited to):

- ✓ Concrete
- ✓ Asphalt
- ✓ Crushed granite
- ✓ Crushed limestone
- ✓ Compacted material and surfaces
- ✓ Paving
- ✓ Soft-fall or recycled rubber surfaces
- ✓ Suitable sand, gravel, clay or dirt surfaces

POPP recommends that Playing Area surfaces be flat, level and hard-formed.

POPP does not recommend that Tables be installed on significantly sloping, uneven or soft surfaces.

The customer accepts sole responsibility for installing the Table on the Playing Area Surface. Where required, refer to *1. Table Information* above.

1.3.2 ANCHORING AREA SURFACES

Tables must be anchored to the Anchoring Area using the Secure Anchoring Footings. Anchoring Area surfaces:

- ✓ Can be new or existing;
- ✓ Must be flat and level;
- ✓ Must be hard-formed; and
- ✓ Must be suitable for anchoring the Table (as per the manufacturer's instruction and specification for the anchoring mechanism).

Refer to *4. Anchoring* below.

1.4 TABLE ORIENTATION

The orientation of a Table may be determined by the physical space, design features, existing structures and the Playing Area. POPP recommends that when determining table orientation, consideration also be given to:

- Direction of sun. *POPP recommends that Tables receive a setting sun on the side rather than a playing end, where possible.*
- Impact of viewing from existing or planned seating. *POPP recommends that seating be adjacent to the sides of the table, where possible.*

1.5 SURROUNDINGS

The surroundings and physical features of a playing space are important in creating an engaging active space. POPP recommends that consideration be given to the surroundings and physical features of the existing or planned space and position Tables, where possible:

- ✓ Under full or partial shade
- ✓ In full or partial wind-protected areas including from trees, walls, structures, buildings, public furniture and amenities or other natural or man made structures
- ✓ Near existing or planned seating
- ✓ Near (or clearly visible from) pathways, streets or thoroughfares

When designing, planning or considering a playing area for a Table, the following questions may assist:

1. What elements feature in or frame the playing area? *Seating, artificial shade structures, natural shade, surfaces, lighting, barriers to visibility etc*
2. What is within walking distance of the space? *Houses, apartments, public transport, cafes, bars, schools, universities, libraries, community spaces, active spaces etc*
3. What facilities already exist or are planned that are or will be complementary to informal recreation? *Basketball courts, skate parks, fitness equipment, playgrounds, barbecues, bocci courts, parkour facilities, walking trails, bike paths, sporting fields etc*
4. Who uses the area (currently)? *Age groups, residents, tourists, visitors, students etc*
5. How is the area used (currently)? *Social, anti-social, daytime, nighttime, weekends etc*
6. What is the desired use of the area? *Social, positive, community-building, a place for a particular group, an informal recreation opportunity, a safe place, a space for all generations etc*
7. Who are the desired users of the area? *Age groups, residents, tourists, visitors, students etc*

POPP is happy to assist with 'ping pong placemaking' recommendations, images, references and examples if specific objectives are identified and desired by the customer.

1.6 SITE PREPARATION

POPP does not assist in site preparation or undertake site works. The information provided in this document can be used to assist in any necessary site preparation including works for Anchoring Area Surfaces (including concrete strip footings) and Playing Area Surfaces by the customer however POPP recommends that customers seek independent contractor advice for their site and follow manufacturer instructions and specifications for surfaces (including curing and reinforcement) and anchoring.

2. DELIVERY

The ICON is delivered curbside by a third party carrier in accordance with a Delivery Information Form completed by the customer.

Delivery and assembly information for the ICON follows:

Packaging: Protective wooden crate

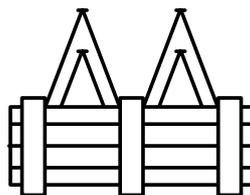
Method: Lift gate truck with pallet trolley

Vehicle access: Not required

Location: Curbside

Self-assembly: Required by customer

Anchoring: Required by customer



3. ASSEMBLY

The ICON requires self-assembly. Assembly instructions are supplied with delivery of the Table. If assembly instructions are required prior to delivery, contact info@popp.world or your local sales representative to request a PDF version.

4. ANCHORING

Tables must be anchored by the customer using all available Secure Anchoring Footings.

The following are recommended guidelines for anchoring to concrete. For all Anchoring Area Surfaces, POPP recommends that customers seek independent contractor advice and follow applicable manufacturer instructions and specifications to ensure the anchoring mechanism is appropriate for the Anchoring Area Surface.

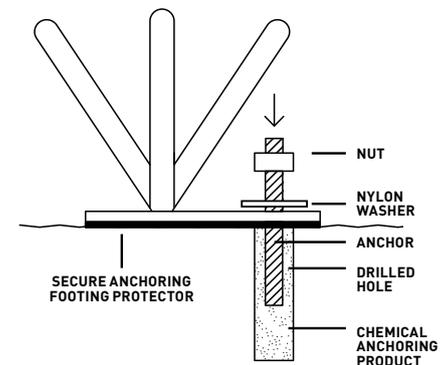
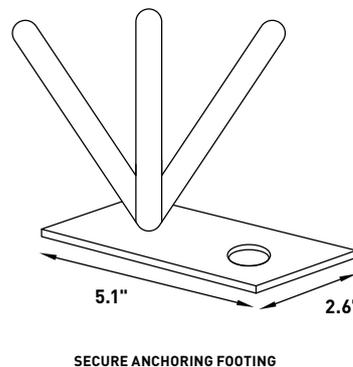
4.1 EQUIPMENT

The following equipment is required for anchoring in concrete:

- ✓ Masonry drill
- ✓ Masonry drill bit (see sizing below)
- ✓ Vacuum, compressed air cleaner or drilled hole bristle cleaner
- ✓ Chemical anchoring product
- ✓ Caulking gun
- ✓ Measuring tape
- ✓ Tape or permanent marker
- ✓ Corrosion resistant anchors, nuts and nylon washers (see sizing below)

4.2 RECOMMENDED ANCHORS AND SIZING - ICON

Secure Anchoring Footings - 8 x 1 hole
 Hole diameter - 3/4"
 Drill bit diameter - 11/16"
 Drill bit length - 3 1/4"
 Drilled hole depth - 2 3/4"
 Anchors - 8x corrosion resistant 5/8" x 6"
 Washers - 8x nylon (to suit 5/8")
 Nuts - 8x corrosion resistant (to suit 5/8")



4.3 GUIDELINES

The following are recommended guidelines for anchoring in concrete strip footings or slabs (Anchoring Area Surface):

1. Position Table in final location.
2. Ensure table is assembled as per Assembly Guidelines and Secure Anchoring Footing Protectors are attached to each Secure Anchoring Footing.
3. Drill through each Secure Anchoring Footing (and packer, if necessary) using an appropriate drill and drill bit. Drill to the requisite depth as specified above. Take precautions when drilling to ensure painted surfaces on the Table are not damaged (tape up or protect footing, if necessary). If they are damaged, then refer to 5. *Maintenance* below and or use a cold galvanize product and silicon to completely seal any exposed steel.
4. Use vacuum, compressed air cleaner or drilled hole bristle cleaner to remove all concrete dust and debris from the drilled hole.
5. Insert the appropriate anchor with a nylon washer and check the depth of the hole and height of exposed thread for securing, then remove anchor.
6. Mix chemical anchoring product and inject into hole as per manufacturer instructions and specifications.
7. Insert anchor into filled hole and remove excess product carefully to ensure nut can fasten onto anchor.
8. When the chemical anchoring product has cured as per manufacturer specifications, apply silicon generously on and in the Secure Anchoring Footing hole and then place nylon washer and nut and tighten fully.
9. Repeat process for all available Secure Anchoring Footing holes.