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2021 SafePool LLC Safety Net Installation Guide For Rectangular Pools

BEFORE YOU START: Thank you for your purchase of a SafePool LLC Safety Net. This guide is for use by professional pool net installers. Professional installation is recommended for the best results. Retain manual for future reference. The safety net can be installed on most pools, spas or other water features.

ASTM CERTIFICATION

SafePool LLC nets are compliant with ASTM F-1346-91 Standards. SafePool LLC nets include ASTM F-1346-91 Warning Label affixed to the net.

NECESSARY EQUIPMENT FOR INSTALLATION:

- Tape Measure
- Hammer
- Heavy-Duty Drill, Hammer Drill or Core Drill
- 3/4" Concrete Drill Bit (for cylinder anchors)
- 3/16" Concrete Drill Bit and 1/4" Tapcons (for flat anchors)
- Hot Knife
- Extension cord
- Mini Air Compressor
- Pneumatic Hog Ring Stapler
- Hand Hog Ring Stapler
- Clear PVC Glue
- Epoxy or Cement
- Hose/Broom
- Protective Work Gloves

INCLUDED COMPONENTS (see parts appendix):

- SafePool LLC Pool Net with Central Tensioning System
- Anchor Ropes
- Anchors
- Hooks
- Perimeter Rope
- SafePool LLC ASTM Label

GENERAL INSTALLATION GUIDELINES:

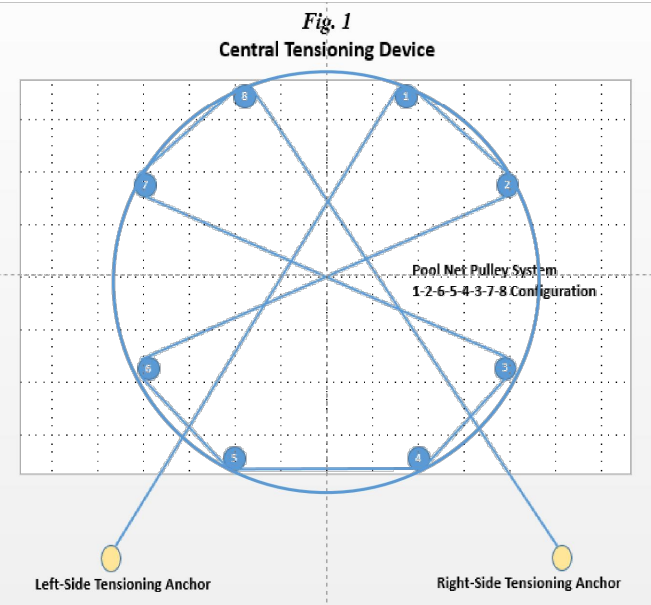
- The pool coping (ledge) and deck area must be in good condition.
- Concrete decks or coping must be at least 3" deep to use the SafePool LLC in ground anchor system.
- Anchors should be installed 6" or more from edge of water in the coping or concrete deck.
- Spacing between anchors can be between 24"- 36" apart but no greater than 36". The recommended distance is 24".
- The arc of the perimeter rope between the anchors should be 3" inches or more on the coping from the edge of water. On 1 foot wide copings or less, the recommended position of flat anchors is at the back edge of coping away from water. For cylinder anchors, the recommended position is 6" or more from the edge of water. Use extra anchors as necessary to maintain this minimum distance between the perimeter rope and edge of water.
- We recommend that you maintain the water line level in the pool at all times at least 6" to 9" below the top edge of the pool, or to the pool manufacturer's specifications.
- No pool safety product should ever replace competent adult supervision around a pool. A pool net is a method of last resort, and is only one layer of protection around a pool. Pool nets are not a replacement for adult supervision, not should they ever be construed as a guarantee against unauthorized pool entry.

1) CENTERING YOUR SafePool LLC SAFETY NET SYSTEM:

The SafePool LLC pool net is most effective when the CTS (Central Tensioning System) is positioned in the center of the pool. Centering is simple on a rectangular pool. Measure the length and width of the pool from the outer edges of coping bricks and divide these measures by two. For example if the L x W measures are 15 x 30 then mark centers at 15' point along length and 7.5' point along width. These are your L/W midpoints and center lines.

Central Tensioning System (CTS):

Unfurl the net fully on a flat surface (deck, driveway etc) with the CTS pulleys and ropes on TOP of the net. The center rungs of the net are marked with 4 zip-ties at the perimeter. The zip-ties markers will allow you to align the CTS fully with the center anchors on the coping.

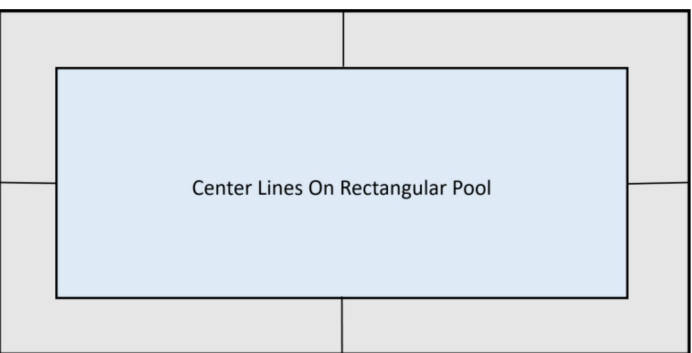


2) ANCHOR PLACEMENT

Center Anchors - Using the four length & width center lines, you may mark your center anchor points for drilling. Mark a point along each center line at least 6" or more from the edge of water. This is your center anchor drill point.

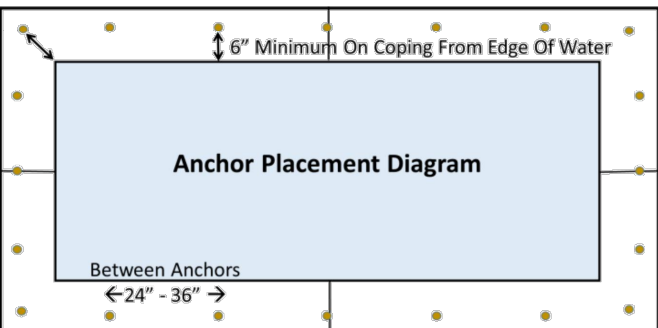
Corner Anchors - Mark points for corner anchors 6" or more (but same distance as center anchors) from edge of water along any corner or right angle diagonals (free form pools with no angles do not require this step). A rectangular pool will have 4 diagonals; modular pools with other right angles such as spas, shelves or swim-outs may have more than 4 diagonals.

Railings & Ladders - Next, you will place anchors adjacent to any railings, ladders etc. Every railing or ladder pole must have 2 (two) related anchors. On either side of each pole place one anchor 3" away from pole, and 10" from pool edge.



Line Anchors

Rectangular - Mark the remaining anchor points from the length centers to the corners every 36" with the center anchors as your 0" point. Repeat process from width centers to diagonals. Line anchors should be same distance from edge of water as center anchors. Anchors adjacent to corners may be less than 36" from a corner anchor.

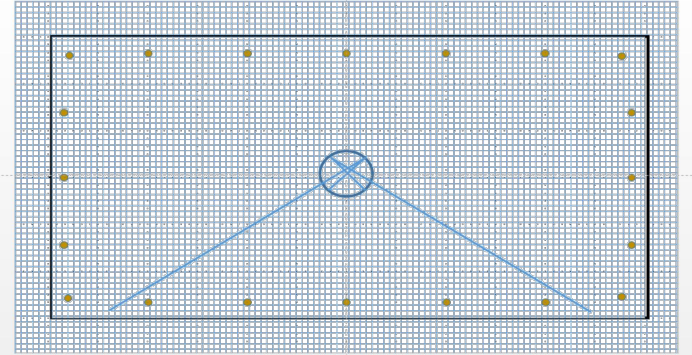


3) DRILLING

Cylinder Anchors - Using a heavy duty hammer or core drill with a 3/4" bit, drill the mark for each anchor, 1.75" to 2" deep. Remove core or rinse drill mud from hole. Insert each anchor into its hole with the narrow part of the keyhole pointing to the pool. Use pliers to hold the cylinder straight and tap cylinder in with hammer until it is flush with coping/deck. **Flat Anchors** - If you are using the double keyhole flat concrete anchor, attach using 5/32" concrete bit and 1/4" concrete screws (Tapcons). Place the anchor on the mark with the narrow part of the keyhole pointing to the pool. The mark should line up with the top screw hole of the anchor. Mark the second screw hole then drill 1.5" with 5/32" concrete bit. Screw in Tapcons with power driver, be careful not to over screw and strip the hole.

4) ATTACHING THE NET

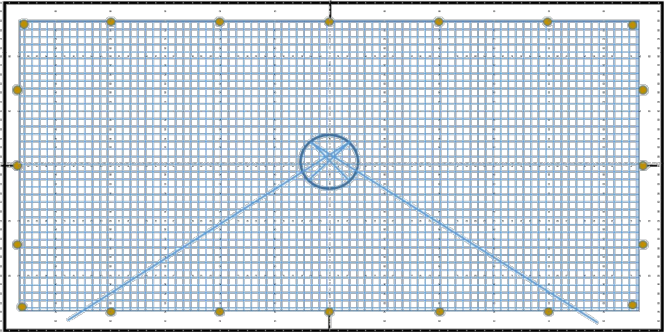
Spread the net over the pool with CTS facing up, and pointing toward the side of deck that will hold the Tensioning Anchors. Use anchor hooks to align the center rungs of the net to the center anchors on the coping/deck. Adjust the center rungs so the overlap on the opposite sides are even (this overlap will be trimmed later). Attach line anchors using hooks along the same rung lines. Attach the corner anchors last and adjust the net so the opposite anchors are lined up along the net rungs as evenly as possible.



5) TRIMMING AND SHAPING THE POOL NET TO FIT THE POOL:

When you are sure that the net is straight and as tight as you can get it to be, you will trim away any excess netting from behind the hooks and anchors with a scissors.

Trimmed Net



6) PERIMETER ROPING

Fully unfurl the rope and find the half length point. Attach the half length point to one of the center anchor hooks by closing the mouth of the anchor clip over the rope with a hammer. Wrap the rope taut around the perimeter of the pool while running the rope through the anchor hooks and closing the anchors as you go around.

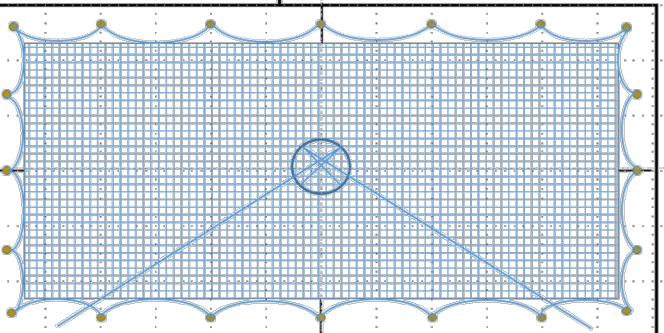
7) ATTACHING THE ROPE TO THE NET:

Attach the perimeter rope to the pool net using manual or pneumatic hog ring staples. Close or staple hog rings in every other net square along the perimeter rope adjacent to the knots. Hog rings must also be applied to net and rope at the anchor hooks 1-2" to the left and right of each anchor.

8) CLOSING THE HOOKS AND FINISHING THE EDGES:

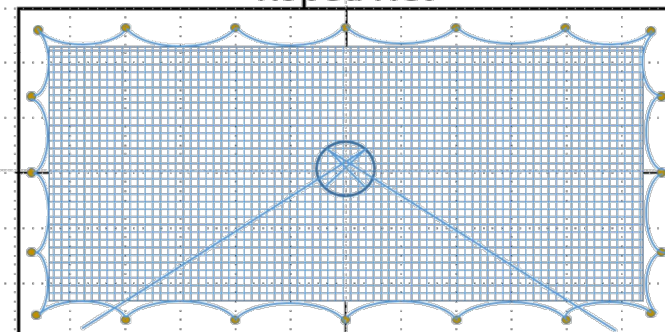
When the entire net has been roped and hog-ringed, you must close the hooks by tapping them closed with a hammer. Proceed around the net, and close all the hooks in this manner.

Roped Net

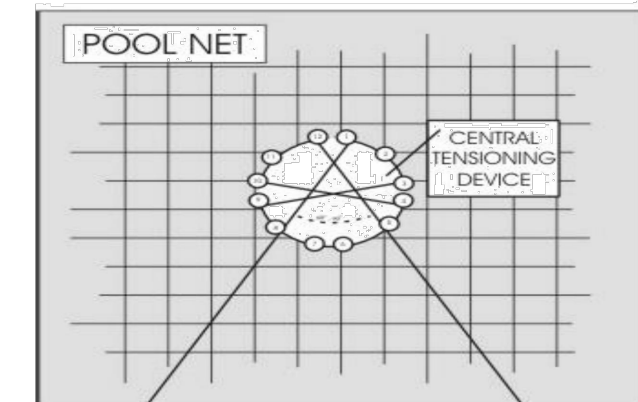


You will now be installing two additional anchors for the ends of the Tensioning rope. Replace the net onto the pool. Untie the Tensioning rope from the edge of the net, and grasp one end of the Tensioning rope in each hand. Guide the Tensioning rope over Pulley #3 and #6 and cross the two ends over each other, at an angle of 45° to 60°.

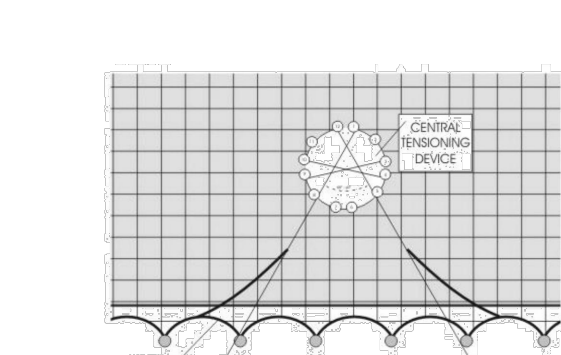
Roped Net



Lay the two ends of the Tensioning rope onto the ground, following the same angle at which they were crossed. Mark two spots, "A" and "B" on the ground, underneath the ends of the Tensioning rope and approximately 12" from the pool edge.



Tie a length of roping rope from each side of the Tensioning rope to the bound edge of the pool net. This will prevent "loosing" the ends of the Tensioning rope in the pool when the CTS is loosened.

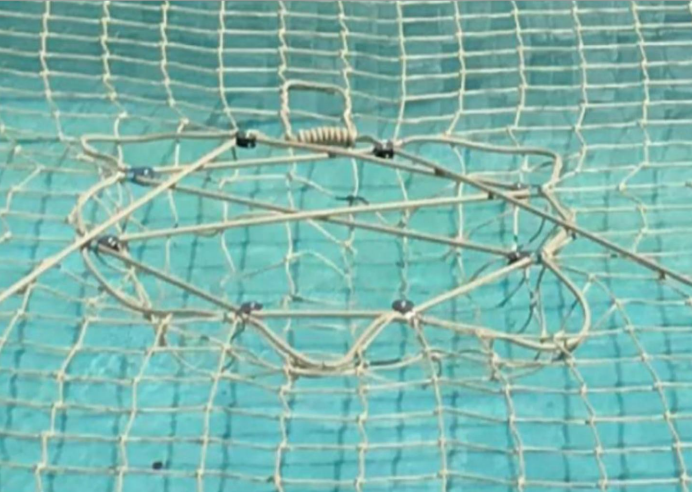


Using the heavy-duty drill fitted with a 3/4" drill bit, drill the spots marked "A" and "B", 13/4" to 2" deep. Sweep or hose the deck clean. Insert anchors into the holes, with the keyhole facing the same angle as the Tensioning rope. Tie a hook onto the end of the Tensioning rope corresponding to anchor "A". Fasten the hook into anchor "B". Pull on the end of the Tensioning rope that leads to anchors "B", to tighten the CTS. Knot a hook onto the "B" end of the Tensioning rope at the spot where the rope reaches anchor "B". Make a loop in the "B" end of the Tensioning rope, right in front of where the hook is attached (Fig.8). If the net is still not as tight as possible, or the pulleys of the CTS are not completely closed, you should adjust the tension on the "A" side of the Tensioning rope (to avoid having to retie the two knots on the "B" side). Close the hooks that you fastened into anchors "A" and "B", by tapping them closed with a hammer.



Parts Appendix

- SafePool LLC Pool Net with CTS
- SafePool LLC ASTM Label
- Flat or Cylinder Anchors
- Hooks
- Perimeter Rope



SUPERVISION AROUND A SWIMMING POOL. THE SafePool LLC POOL NET IS NOT DESIGNED TO BE A SUBSTITUTE FOR ADULT SUPERVISION,

SAFETY REMINDERS:



THERE IS NO SUBSTITUTE FOR COMPETENT ADULT

REMINDERS:

- The SafePool LLC Safety Net is not a toy. Never allow children or adults to play, jump or run on the net. Such activity may cause premature deterioration of your pool net.
- Never allow animals to chew on the net. The Manufacturer's Warranty does not cover this type of destruction.
- Keep external sources of heat, such as barbecue grills, away from the pool net.
- Never use the pool with the net partially opened. Never swim under a pool net that is partially opened.
- Remember that your pool is not secured until the net is completely in place with the CTS properly tightened.
- Check local building codes before installation to be sure you are in compliance with local safety regulations.



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Alejandro F Pino

Digitally signed by Alejandro F Pino
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0001FD1DC, CN=Alejandro F Pino
Reason: I am the author of this document
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Date: 2026-05-23 16:45:53
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Product Specifications

Main Net:	
Mesh Size:	3.5 Inches square
Mesh Material:	16 strand braided polyethylene
Mesh Strand Diameter:	4mm
Perimeter Rope Lines:	7mm braided polyester core rope with diamond braid sheath
Expected Life:	3 to 5 years
Central Tensioning System:	
Pulleys:	8 stainless steel 2 1/2 inch body, nylon pulley wheel 1 inch diameter, 5/16 inch width
CTS & Anchor Ropes:	7mm braided polyester core rope with diamond braid sheath
Net Strength:	Tested to 525 lbs to exceed ASTM F1346-91 static load requirements

Anchors:

- A) Hardened PVC Nylon Single Keyhole Cylinder Anchor 1.5" x .75". Attached by hammering into 3/4" x 2" deep hole drilled into concrete. This anchor is permanent.
- B) Solid Brass Single Keyhole Cylinder Anchor 1.5" x .75". Attached by hammering into 3/4" x 2" deep hole drilled into concrete. This anchor is permanent.
- C) Hardened PVC nylon Double Keyhole Flat Surface Mount 3.5" plates with two anchor positions and two 3/16 inch screw holes. Attached with 1/4" Tapcon concrete screws. This anchor is removable.

Anchor Hook: 4mm diameter stainless steel wire hook with cone head. Anchor hooks must be hammered closed, pinching net strand and perimeter rope

ASTM CERTIFICATION

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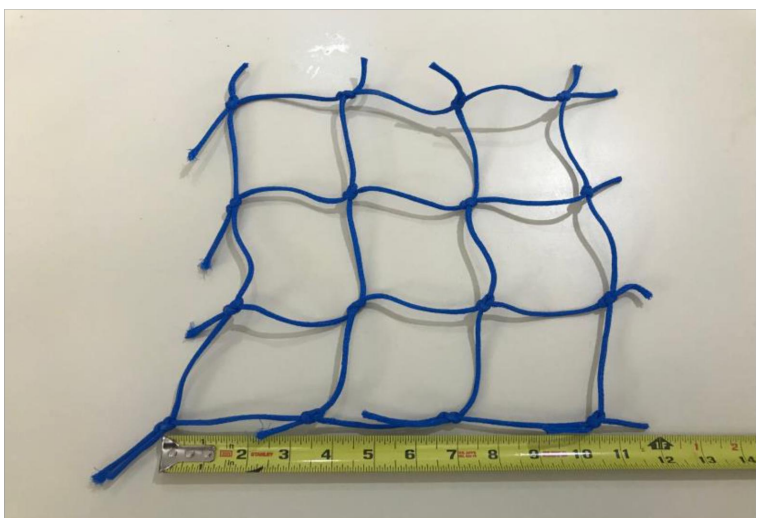
Just For Nets

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Pool Netting Specification

Material: Polyethylene
Twine Construction: Braided
Twine Size: 4mm
Mesh Size: 3-1/2"
Mesh Construction: Knotted Square Mesh
Tensile Strength: 525 lbs
Available Colors: Black, Blue, Tan



Pool Net Perimeter Rope Specification

Material: Polyester / Poly +
Rope Construction: Polyester strands inner core; Diamond braided Poly+ sheathing
Rope Size: 7mm
Tensile Strength: 2530 lbs
Available Colors: Black, Blue, Tan



ASTM F-1346-91 Warning Label

This label must be affixed to the pool net



CONSULTANT

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REVISIONS

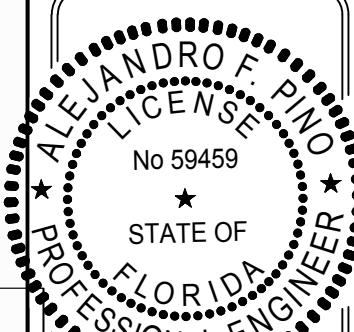
SHEET TITLE

APPROVED REMOVABLE SAFETY POOL NET SPECS

NEW SWIMMING POOL & SPA FOR:
JAMES & ALEXIS GARELLI RESIDENCE

8752 NW 157th Terrace, Miami Lakes, FL 33018

PROJECT



ALEJANDRO F. PINO
P.E. LICENSE #59459

CHECKED A.P.

DATE 05-22-2026

SCALE AS NOTED

JOB NO.

SHEET

SP-6