

MEASURE AND INSTALLATION GUIDE FOR BABY-LOC REMOVABLE MESH FENCE

Measuring...

The distance Baby-Loc fence units should be installed away from a pool is a minimum of 2½ feet. This will allow room for walking space between the pool and the fence. Check with your homeowner regarding fence layout. Determine how far back you want to start and measure the perimeter of the area you wish to fence in. This will be the measurement you will use to order your Baby-Loc Removable Mesh Fence. Do not place any poles less than 3" from pool edge or outside of deck, to avoid breaking masonry, etc. when drilling holes.

Remember: When the fence is ordered to your specifications make sure to use the same perimeter measurements to install. If the overall perimeter measurements are increased at the job site you may not have enough fence sections to complete the installation. (***Consider ordering extra sections.***)

Installation...

The following directions apply to installation of fence sections 20', 10', or 5' in length. See Figure #1. For each of these sections, the pole spacing is 30" center to center.

Following are the items needed to get started:

- Core Drill with 1 1/4" drill bit, with adjustable stand.
- Basic Tools required - Measuring Tape, Chalk, Scissors, Mallet, 1/4" Hex Head Socket & Drive, Needle Nose & Regular Pliers, Torpedo Level, Extension Cord, Stapler and Chalk Line.
- Outside water supply w/garden hose and hose turn off valve (for use w/core drill).

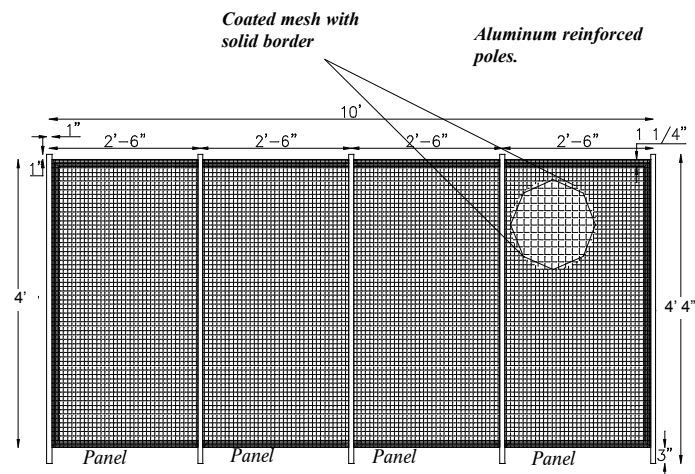


Fig 1.
Typical 10' section
(Other sections similar, amount of panels differs.)

For proper installation, a core drill should be used, if one is not owned core drills can be rented per job. Make sure there is ample outside water supply at the job site. **Note: Size standards for core drill bits vary from manufacturer to manufacturer, check with your supplier before you start your job.**

Note: In extreme high wind conditions, fence must be removed temporarily to avoid damage.

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BABY-LOC

Removable Mesh Fencing

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Getting Started:

Please read all instructions before drilling any holes. Preparation, drilling angles, pole distance, and fence modification, apply for both concrete, and wood/loose dirt decks.

For specific drilling and equipment guidelines on wood deck, loose/laid deck, and grass/soil see insert-in-pipe installation instructions on page 3.

Step 1. For long straight runs such as on rectangular pools, it is helpful to snap a chalk line parallel to the pool at the offset distance to keep pole locations aligned. For irregular shaped pools, each location must be measured from the pool edge, adjusting the offset distance as needed to maintain the desired space between pool and fence. It is helpful at this point to check your shipped fence sections to insure you have the proper mix for your fence layout and pole spacing.

5ft., 10 ft., 20ft. = 30" on center: 20 ft. = 9 Poles 10 ft. = 5 Poles 5 ft. = 3 Poles

Note: If you have purchased a Self Latching Gate with this order, refer to page 6 to start your installation, if not proceed to step number 2.

Step 2. Installation of the first pole should be at the point you and your homeowner have designated as the gate area. A gate section is no different from any other section of fence, except that it will have **an additional fall back hole** which you will use to store the pole in, when the fence is in the open position. See Figure #2.

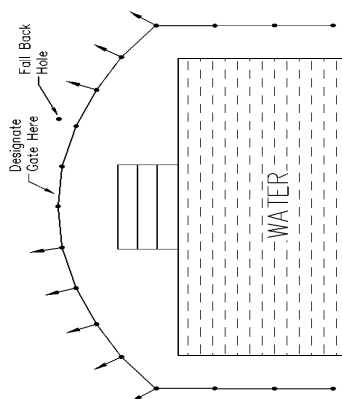


Fig. 2
Install these fence poles at an angle away from pool.

a. When you have measured back the desired offset from the pool, mark the first location where you will drill your first hole.

b. **For Rectangular/Straight Run Installations:** holes should be drilled straight into the deck. Corner poles only must be drilled at an angle away from the pool.*

***NOTE:** Whenever possible, avoid using 90 degree corners using a gentle radii instead. See Figures #2 & 3.

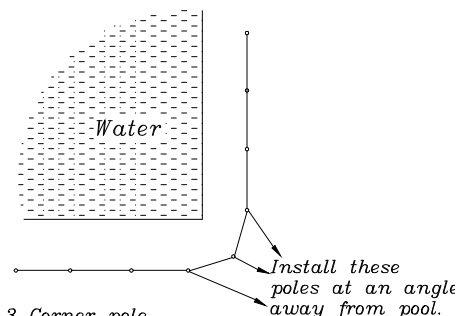


Fig 3 Corner pole installation procedure on rectangles.

c. **On Freeform Installations:** For OUTSIDE RADIUS CURVES - holes should be drilled at approximately a 5-degree angle **Away** from the pool. For installation on INSIDE RADIUS CURVES poles should be drilled on a 5-degree angle **Towards** the pool. See Figure #4.

Outside Radius Curve
Install these fence poles on a
5 degree angle away from pool.

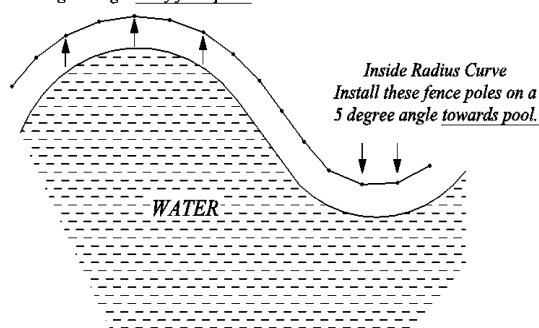


Fig. 4
Slant procedure on inside and outside curves.

Concrete Deck:

d. All holes drilled should be **3 3/4"** deep, and a minimum of **2 1/2"** or more back from the pool. After drilling, use a pair of needle nose pliers to pull out the cores.

e. Insert the deck sleeve supplied into the hole (see note below) then; insert the first pole of the fence section. For proper installation, all hardware (eyehooks, screws, etc.) should be installed facing in towards the pool.

NOTE: Variations in bit sizes and drilling process may require the use of our optional "O"- Ring for proper fit of deck sleeves.

Continued next Page...

INSTALLATION INSTRUCTIONS CONTINUED...

Step 3. With one pole now inserted, pull the next pole as taut as possible and mark your next drill hole using the center of the pole as your guide. Before drilling, double check that once installed, your pole spacing will be 30" on center for 5 ft., 10 ft. and 20 ft. sections. The fence is based on a tensioning system: It is imperative that each installed pole is pulled as taut as possible. Therefore it is important each fence section remains installed as you proceed to enable any minor adjustments. If using a template (available through LOOP-LOC), do not proceed to the next section without checking installed section just completed.

Following Step #3 continue drilling holes until you have one full section installed.

Reminder: The gate section needs to have one fall back hole to hold the end pole while the gate is in the open position. Your customer may be best able to recommend to you how he/she wants that panel located.

Step 4. At the end of each section run, (20', 10' or 5' section) **measure 2 3/4"** from the center of the last pole installed to the center of the first hole to be drilled of the next section. The gap between each section will be held together at the top of the fence with the brass latch supplied. See Figure #5.

- Follow step 3 above to complete each section run, until you have reached the halfway point around the perimeter.
- Return to your starting point (gate) and continue installation around opposite side of the pool.
- In some instances, for a proper fit, a modification in the field at the last 30" panel may be necessary. See Section Modification on pg. 4

Installation in Decking other than Concrete...

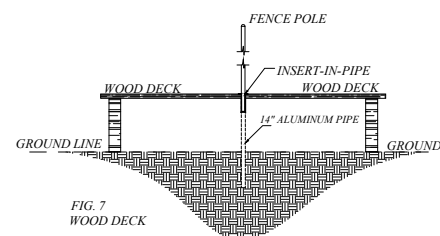
Insert in Pipe Method - **Make sure to Locate and Avoid any Underground Pipes or Electrical Lines!

For Installation in Wood Decks-under 4" in thickness. See figure #7

****A CORE DRILL IS NOT REQUIRED FOR THE INSTALLATIONS BELOW...**

For all wood or wood type (polymer composite) decking:

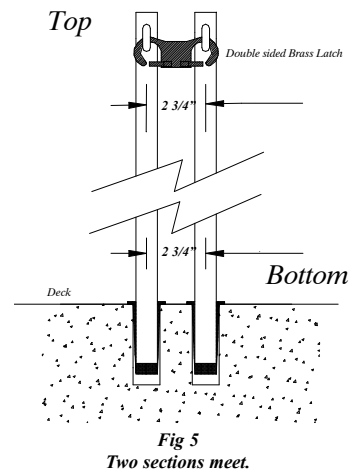
The method of Insert-in-Pipe should be used for the above applications. Baby-Loc 14 1/4" aluminum pipe is manufactured to fit perfectly with the deck sleeves supplied. These pipes can be purchased at an additional up-charge when placing your order. The pipe should extend from the top surface of the deck with a minimum of 2" below grade, spanning any gap between deck and grade.

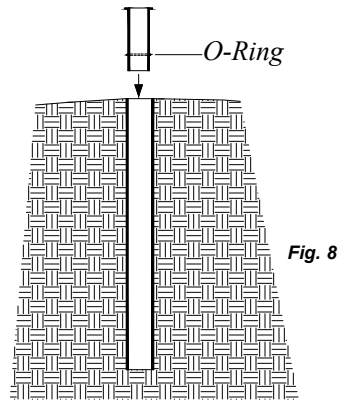


Drill a 1 1/2" hole, with the appropriate drill bit and insert pipe. To ensure a tight fit, each pipe is supplied with an O-Ring. Position the O-Ring on the bottom of the deck sleeve approximately 1/3rd up from the bottom. Press the deck sleeve into the pipe, the O-Ring will move towards the top of the deck sleeve, which will create a secure, tight fit.

For all Dirt, Pebbles & Grass installations: (See figure 8)

The method of Baby-Loc Insert-in-pipe should be used for the above applications. Drill a 1 1/4" hole approximately 12" in depth with the appropriate drill bit. (a solid center 1 1/4" Wood Auger Bit is recommended, these bits will usually fit a standard drill with a 1/2" chuck). Tamp the pipe into ground until flush with surface. Each pipe is supplied with an O-Ring. Position the O-Ring on the bottom of the deck sleeve approximately 1/3rd up from the bottom. Press the deck sleeve into the pipe, the O-Ring will move towards the top of the deck sleeve, which will create a secure, tight fit.





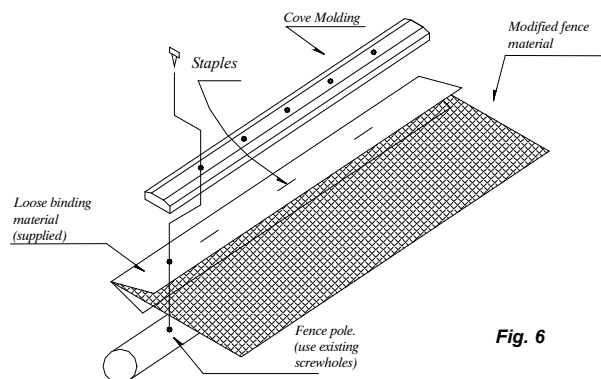
For Decking Types Set in Sand (Paver, Brick and Stone)

The method of Baby-Loc Insert-in-pipe is recommended. A Core Drill is required for these applications.

SECTION MODIFICATION:

In some cases it might be necessary to modify a section of the fence to make it fit properly. Modifying a section is to shorten a panel within a section. The modification is sometimes needed before installation of the last panel of the fence unit. Section Modification can easily be accomplished by following the steps below. (See figure 6)

- Step 1.** Determine the length of your last panel by measuring from the center of the last pole installed to the center of your final pole. **Remember:** There should be a 2 ¾" pole center-to-center dimension left between sections. Accuracy is extremely important.
- Step 2.** Add ½" to that desired distance when marking material.
- Step 3.** Working on a flat surface and using a straight edge, mark your measurement with chalk on the last panel.
- Step 4.** Cut the Mesh material along this line with a pair of scissors.
- Step 5.** Remove latch, screws, and molding strip from pole of the section you cut off.
- Step 6.**
 - a.) Fold and crease the loose binding material (supplied with your order), along its length.
 - b.) Sandwich the rough cut mesh into the folded binding. Use staples to keep binding in place.
 - c.) Center the finished edge under the cove molding, and reattach to the pole, starting at the top of the pole.



Remember to check measurements twice before cutting material when modifying a section!

DIVING BOARD & STEP APPLICATIONS

For proper tensioning, please use illustration below as a guideline.

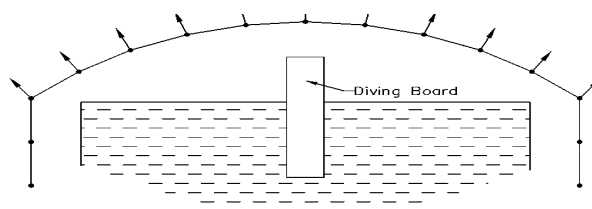


Fig. 9

Install these poles at an angle away from pool.

Step Installations...

Install your last pole before a step/rise, as close to the bottom of the step (pool level) as possible. Modification of the last section may be necessary at this point for a proper fit. (See Section Modification, page 3). Remove the last pole in the section before a step by taking off the screws and cove molding. Then, re-attach the material to a 6' pole starting 3" from the bottom of the pole. (6' poles must be ordered as an additional hardware item when required). See fig 10

For One Step/Single Rise Only...

Once you have installed your 6' pole (pole #1 in fig.10), take your next section run (20', 10', or 5') and remove the first pole, so that you now have one piece of loose material at the end of your section. Attach the loose material to the 6' pole by using the screws, cove molding strip & binding supplied. This cove molding strip will attach on the side facing away from the water. (NOTE: Bottom of loose material must be positioned 3" plus the height of the rise from the bottom of the pole.)

For Two or More Steps/Rises...

A 2 Step Installation Kit is required whenever there are two or more step/rises. A 2 step kit consists of (1) 6' pole w/hardware, attached on one side only to a 30" piece of fence material. The kit will also include one additional 6' pole, aluminum cove molding, and screws. Step Kits must be purchased as an additional hardware item.

Install the last section of the fence with the 6' pole as described above. (See figure 10) Now, using the **2 Step Kit** follow the directions below.

1. Drill the hole for the **step kit** (pole #2) on the rear of the step. (See figure 11) Measure the distance from the center of the hole to the center of pole #1. You will need to do a field modification (See Section Modification, page 3). Remember to add 1/2" to the dimension you measured, and cut the step section to that measurement. Create the finished edge as per step 6a and 6b in Section Modification.
2. Attach this finished edge to the opposite of pole #1, (see inset, fig. 10), using the loose cove molding and screws from the step kit. Follow step 6c from Section Modification (page 4).
3. For each additional step, repeat procedures 1-2.

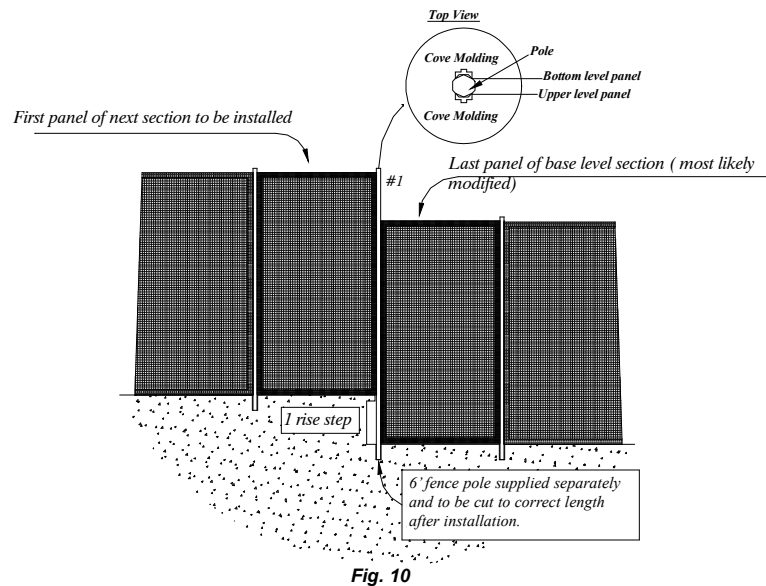


Fig. 10

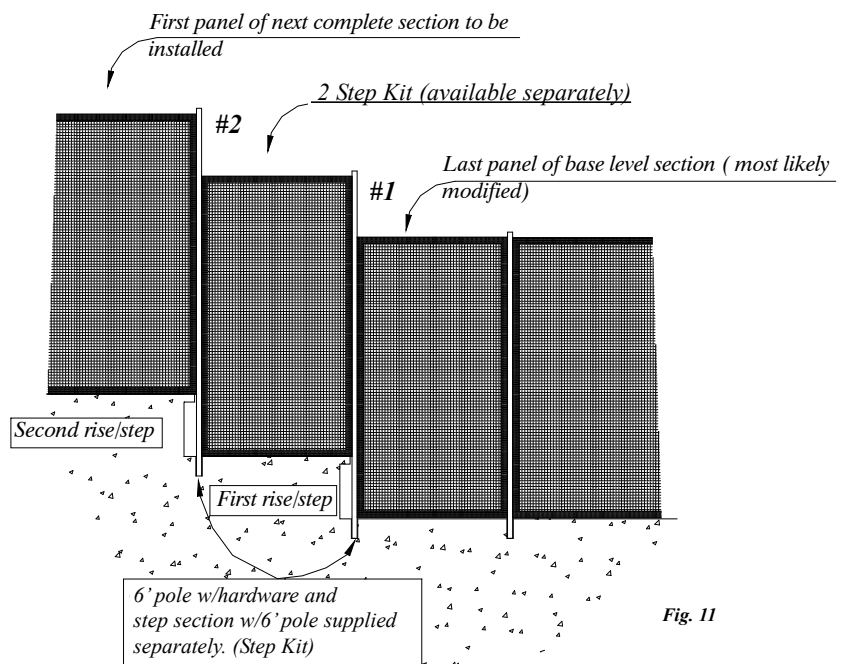


Fig. 11

All step modifications should be done on a flat surface.

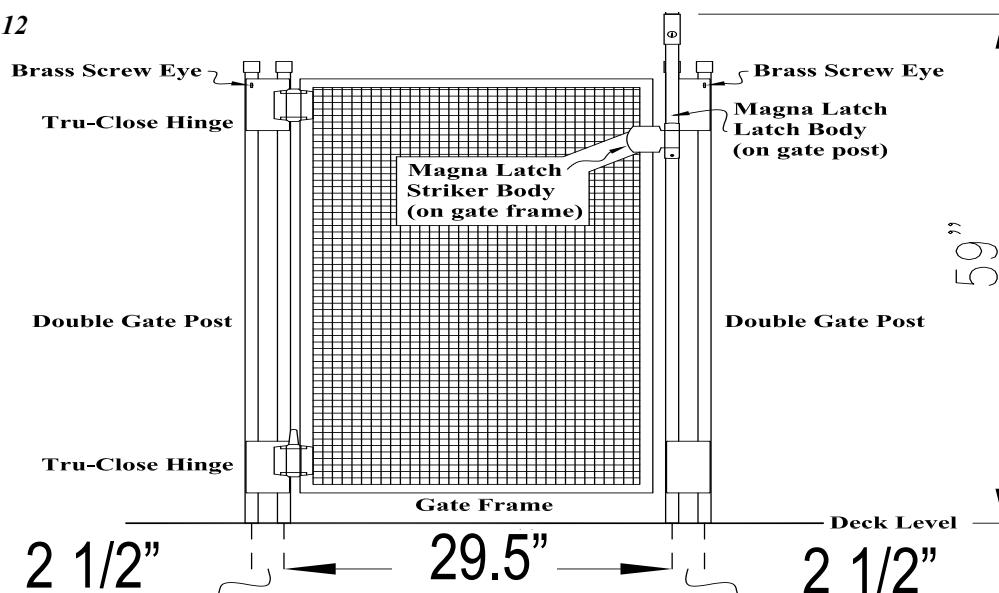
NOTE: In step applications it's recommended to work with 10' sections for convenience.

**PLEASE NOTE: INSTALLATION OF GATE MUST BE DONE FIRST.
DO NOT USE TEMPLATE FOR GATE INSTALLATION**

BABY-LOC

SELF CLOSING/SELF LATCHING GATE

Fig. 12



DIMENSIONS TAKEN CENTER TO CENTER OF POLES

BABY-LOC

GATE INSTALLATION FOR NEW FENCE

Baby-Loc gates should be installed prior to any fence sections. Begin by locating the exact area you want the gate to be. Mark the center of this location, and measure out 14.5" & 17" to each side. These 4 marks locate the center of the 1 1/4" holes for the gate posts.

NOTE: Fence sections on either side of the gate, at least 30" (2 Poles), **MUST** be installed in line and on the same ground level as the gate.

NOTE: It is crucial that the deck sleeves be set leaning at 5 degrees towards the center of the gate or your gate will not swing properly. When you drill for the first adjoining fence section, remember to measure 2 3/4" from the center line of the outside gate post hole to the center line of the first fence pole. After reviewing the gate diagram above, install the gate unit so that it swings outward (away from pool). As you continue to install Baby-Loc sections to the left and right of the gate, remember to leave the standard 2 3/4" as per step number 4 of the Baby-Loc Installation Instructions.

ADJUSTING THE GATE (Fig. 12)

ADJUSTING THE TRU-CLOSE HINGES

Each hinge has an enclosed stainless steel adjustable spring which controls the closing pressure of the gate. Hinges should be adjusted so that they force the gate back to the "closed & latched" position. Begin by removing the top cap of the hinge with a phillips head screwdriver. Using a straight head screwdriver, depress the internal screw-head and turn counter clockwise for additional swing tension, or clockwise for less swing tension. Remember to adjust both hinges to equal tension.

ADJUSTING THE MAGNA-LATCH

The magna-latch body is adjustable vertically while the striker body on the gate frame is adjustable horizontally.

ADJUSTING THE LATCH-BODY

For adjustment up/down, remove the screw located where the striker body comes in contact with the latch-body. Once removed, the latch-body will be free to slide up and down. When located properly, re-insert the screw.

ADJUSTING THE STRIKER-BODY

For adjustment, locate the adjusting screw (on the side of striker-body). Turning this screw clockwise will move the striker-body away from the latch-body, while turning it counter clockwise will move it towards the latch-body.

NOTE: The magna-latch is supplied with 2 keys. While the pool is not in use, the magna-latch should be locked for additional security.

BABY-LOC

GATE INSTALLATION FOR A PREVIOUSLY INSTALLED FENCE

TOOLS: 1/4" Hex Head Socket & Drive, Chalk, Philips Screwdriver, Straight Head Screwdriver, Epoxy, Tape Measure, Stapler, Core Drill, Level, Scissor

RETRO-FIT INSTALLATION (Fig. 13)

As with fence sections, gate post spacing is 30" on center. This makes it possible to add a gate unit to a previously installed fence.

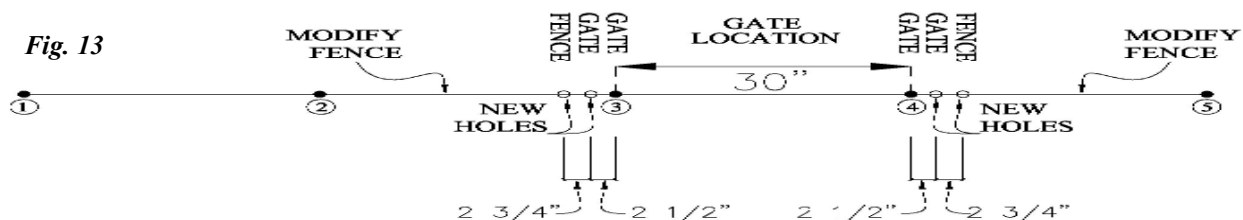
Gate location must be on level, flat surface in order for the gate to close correctly.

1. Begin by marking with chalk the 30" fence panel that will be replaced by the gate unit.
2. Next place a mark on the deck between the installed deck sleeves for that 30" panel - this will indicate the designated gate location. Remove the fence section and place it aside.
3. Additional deck sleeves will be required. See figure 13 for locations. Gate post deck sleeves must be epoxied into the deck. It is crucial that they are set straight vertically or your gate will not swing properly. **DO NOT** install the gate posts until you are sure the epoxy has cured. (Refer to Manufacturers Instructions.)

MODIFYING YOUR FENCE SECTION

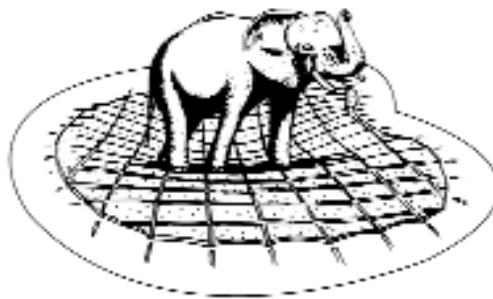
Lay down the fence section to be modified so that the pole screws face up. Remove the 2 poles on each side of the panel you previously marked with the chalk. Measure 4.75" from the screw holes, away from the marked panel and draw a line from top to bottom. Since this is done on both sides, you will end up with 39 1/2" between your lines. This material is to be cut out and discarded. Fold and crease the loose binding material (supplied with your order), along its length. Sandwich the rough cut mesh into the folded binding. Use staples to keep binding in place. After re-attaching the poles, the Baby-Loc sections are ready for installation.

*** Note: Install gate so that it swings away from the pool.**



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