Pool Store & More
Buybest Pool Spa Billiards Massage Chairs
888 89 POOLS

HOW TO MEASURE YOUR POOL FOR AN INGROUND LINER

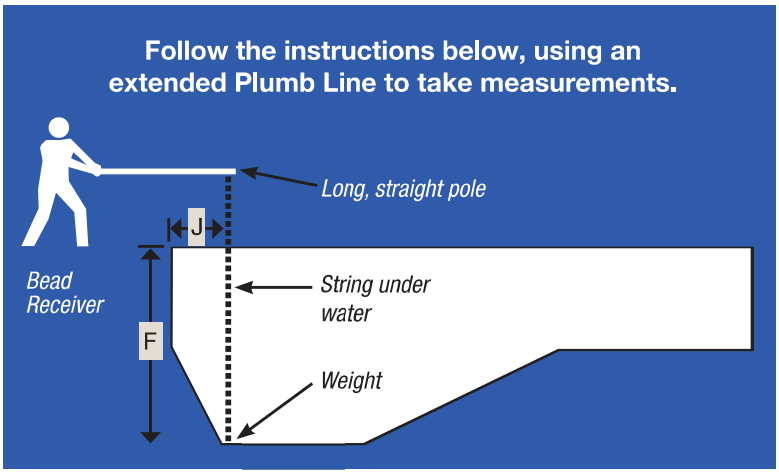
Measuring without entering the pool:

You will be able to measure **horizontally**, all of the bottom dimensions without entering or draining the pool. You can create your own simple measuring tool (an extended Plumb Line) that will take about 5 minutes to assemble and is used by pool professionals taking liner measurements.

Create an extended Plumb Line.
You will Need:

- Long straight pole (Vac Pole).
- String attached to end of pole
- Weight to attach to end of string
- Measuring tape

Hint: Measuring is always easier with someone to help. Only measure down to the nearest 1/4 of an inch.



Horizontal Bottom Measurements:

You should "Plumb" for points that will achieve the desired measurements based on the bottom contour of the pool. To take measurement "F," you would stand on one side of the pool and "Plumb" for a corner of the hopper, measuring the distance from the bead receiver to the end of where the weight is attached. To take measurement "J," stand with the pole over the edge of the pool and the string vertical (allow no slack in the string), measure the distance from the edge of the pool to the end of the pole where the string is attached.

BEFORE MEASURING, KEEP THESE IN MIND

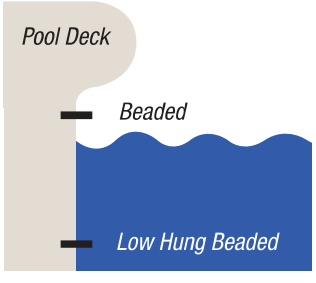
1: Do not ASSUME anything – measure it and check it thoroughly. Often, the pool may have slight variances from the original manufacturers specifications.

2: Not all pools are constructed with straight lines and sharply defined changes of plane. Therefore, please note any abnormalities.

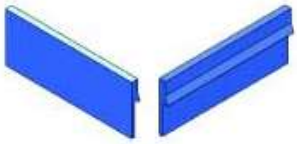
3: Always provide exact measurements. The manufacturer will automatically make the liner slightly smaller than the dimensions you give, in order to allow the liner to stretch into place properly. DO NOT try to make extra allowances for stretch in your dimensions.

4: Actual pool measurements should be made even if the original pool plans are available due to the fact that slight variances may have occurred during construction.

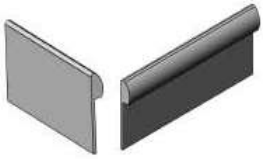
LINER TYPES



Standard Bead

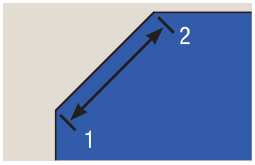


Esther Williams Bead

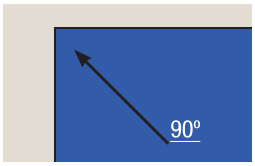


CORNER TYPES

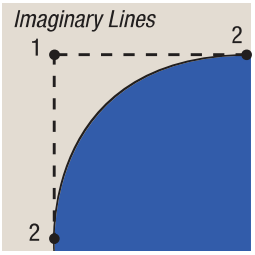
Diagonal Corners



Square Corners



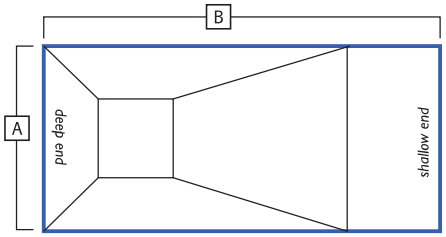
Radius Corners



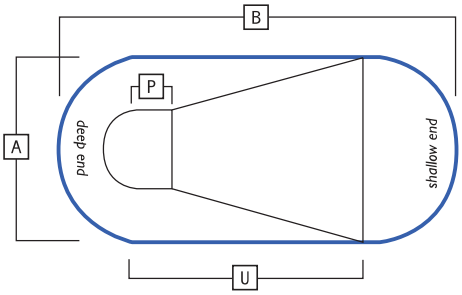
Note: If you have more than one type of corner on your pool (such as with a Lazy L) please include a sketch of pool indicating corner type and measurement.

POOL SHAPES

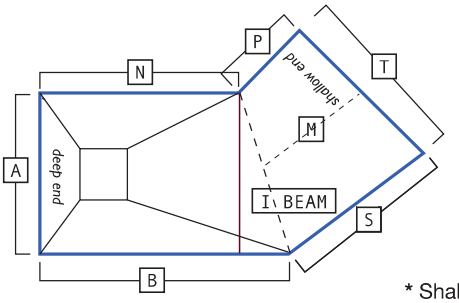
Rectangle



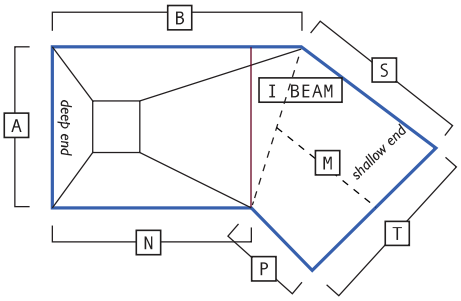
Oval



Lazy "L" Right

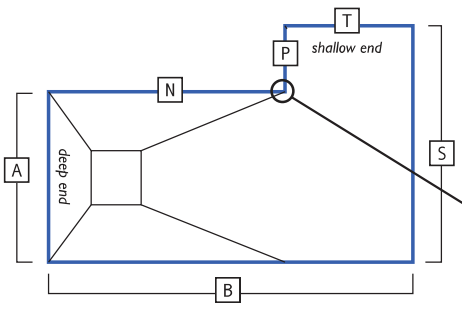


Lazy "L" Left

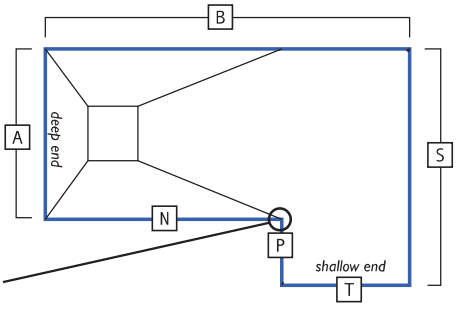


* Shallow End Breakline
---- Follows I Beam
—— Perpendicular to B Wall

True "L" Right



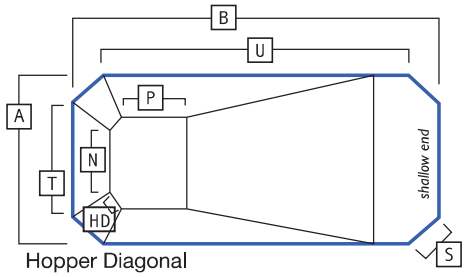
True "L" Left



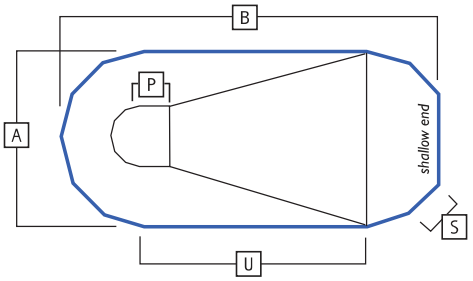
Reverse Corner Types:
Square
Radius
Diagonal

ADDITIONAL POOL SHAPES

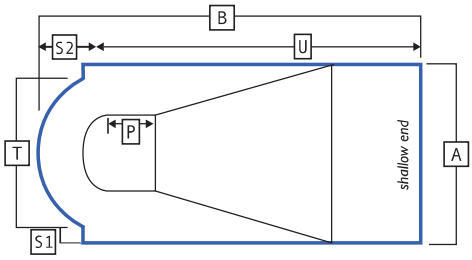
Grecian



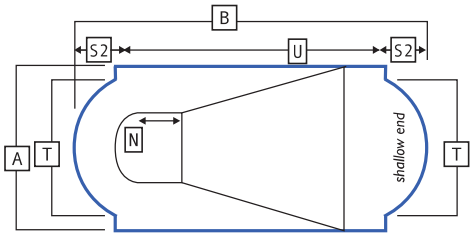
Jewel



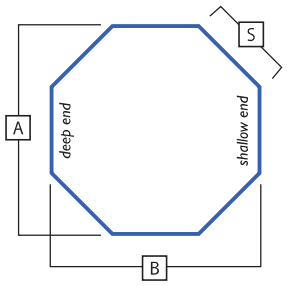
Single Roman



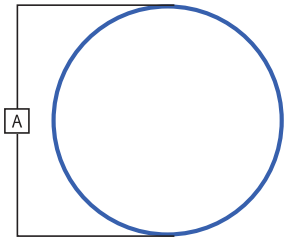
Double Roman



Octagon

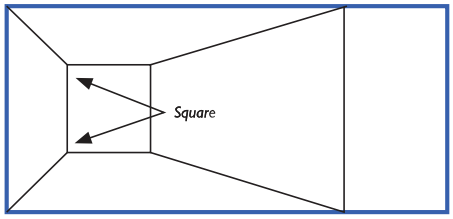


Round

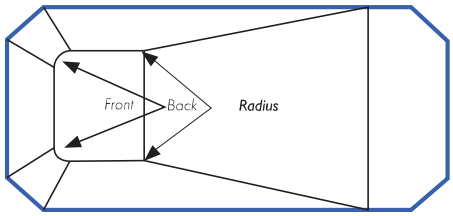


HOPPER PAD TYPES

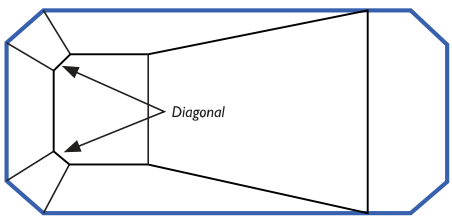
Square



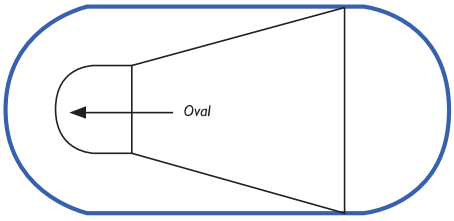
Radius



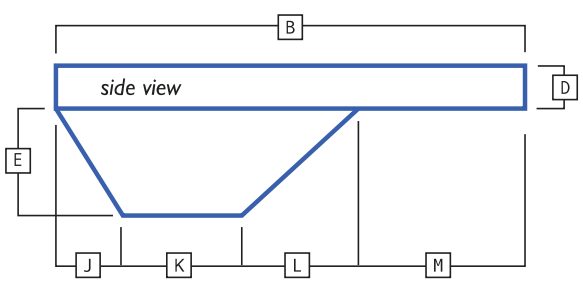
Diagonal

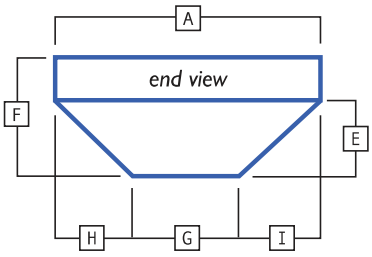


Oval

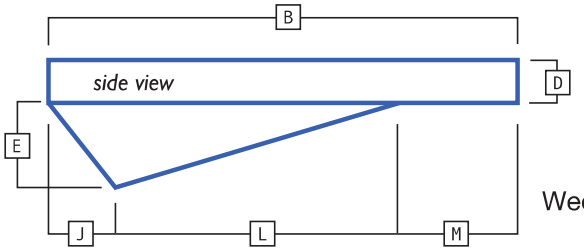


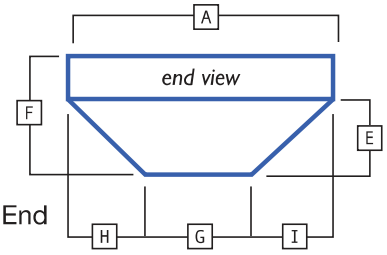
HOPPER TYPES



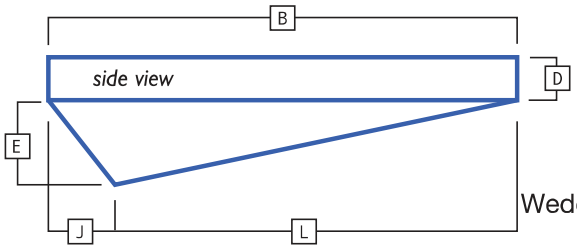


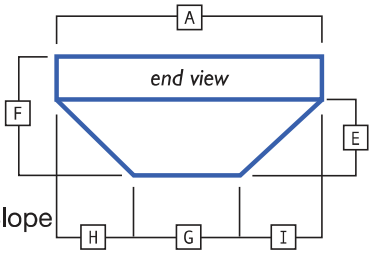
Standard Hopper



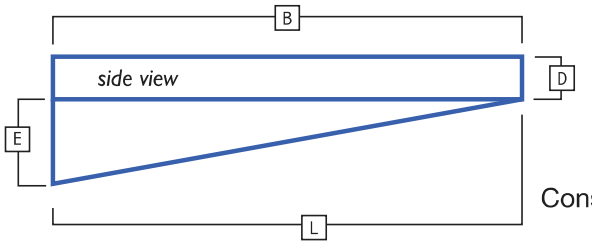


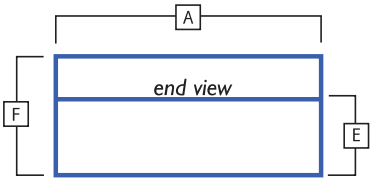
Wedge Hopper w/Shallow End



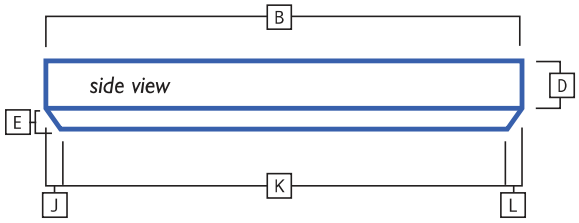


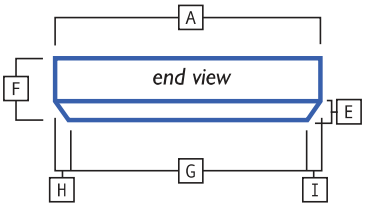
Wedge Hopper w/Constant Slope



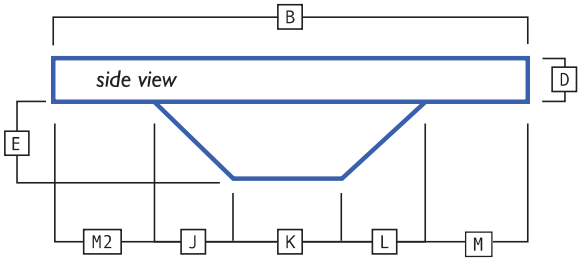


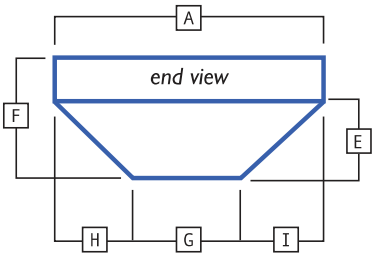
Constant Straight Slope Hopper



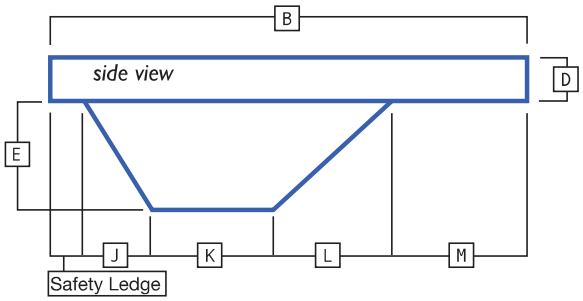


Cove Hopper

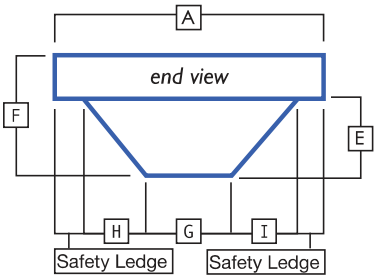




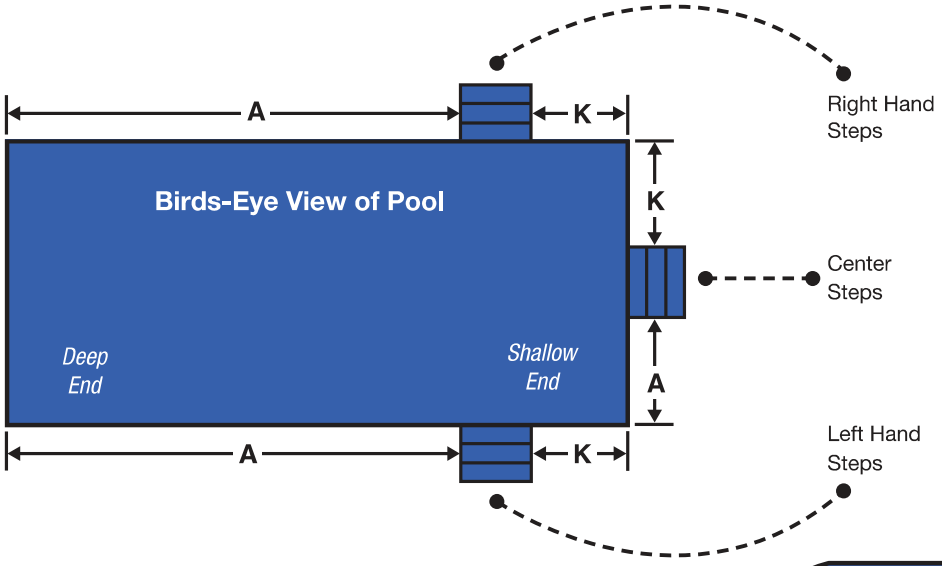
Sport Bottom Hopper



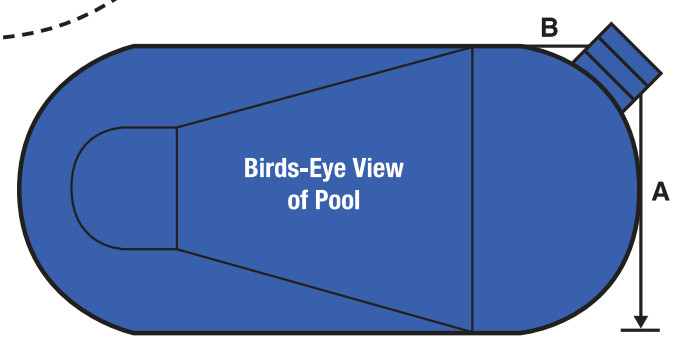
Safety Ledge Hopper



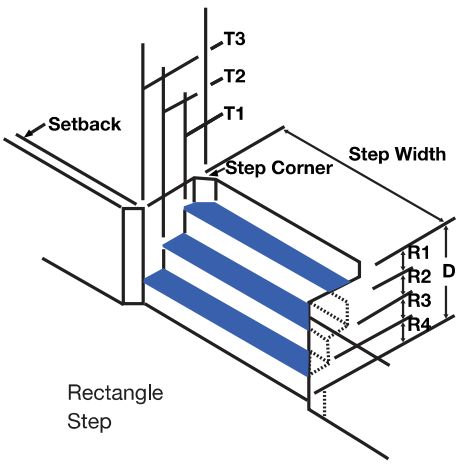
VINYL COVERED STEP POSITIONS



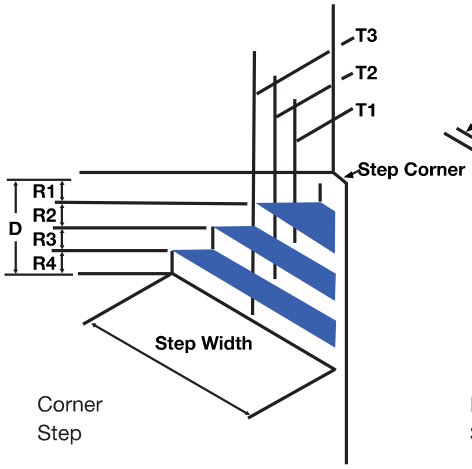
Use the straight side of the pool to draw an imaginary 'corners' on your pool. Then measure from 'corner' to the steps on each side.



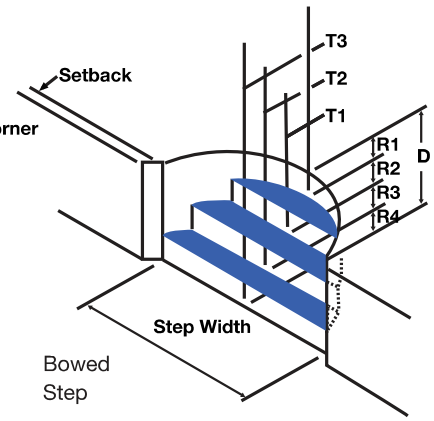
VINYL COVERED STEP SHAPES



Rectangle Step



Corner Step

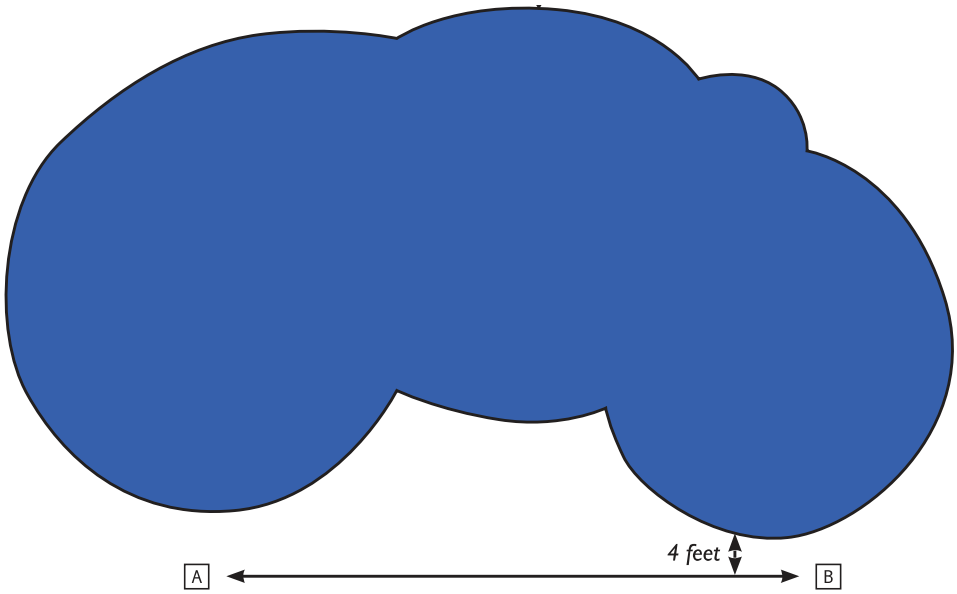


Bowed Step

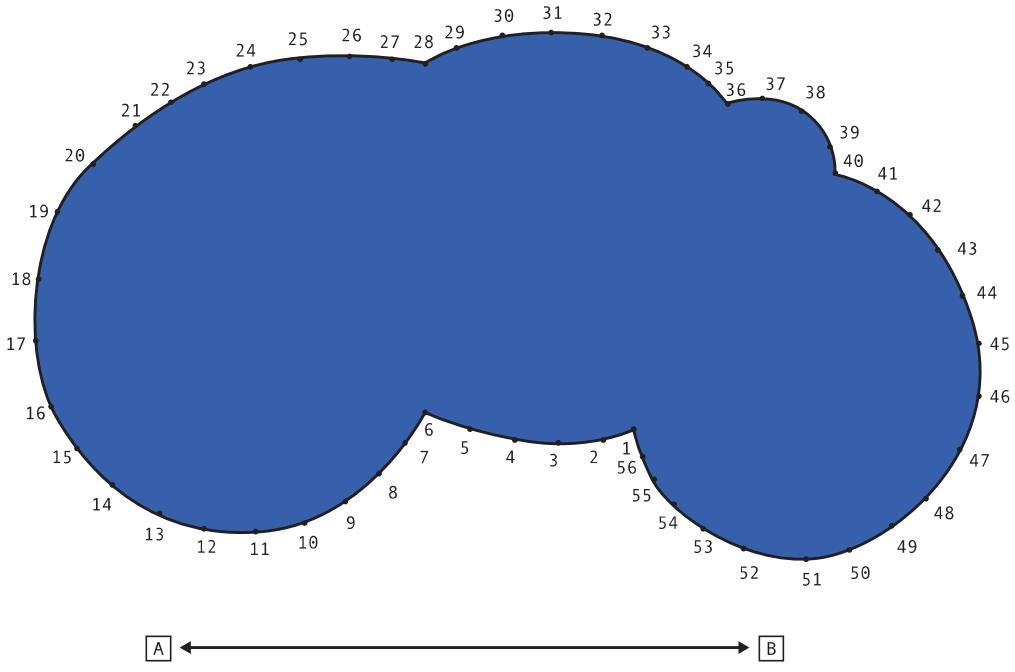
CUSTOM LINER ABMEASURING

AB Measurements are required for freeform pools to match the unique curves of your pool. Start by sketch-ing a diagram of the pool on paper. Include location and detail of your pool deck and any non-removable obstructions, such as slides, dive stands, grab rails and ladders that lie within 18 inches of the pool edge. Pictures are required as well.

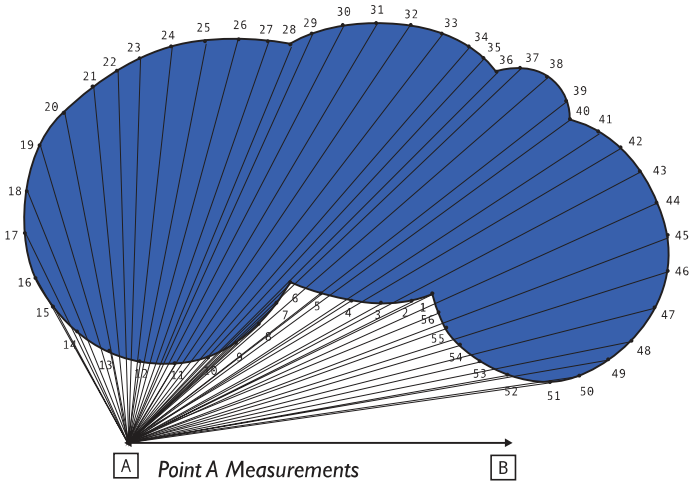
1. **Using chalk or masking tape to establish your AB plot line**: Start from 5' away from the widest pool edge, plot a line along the length of the pool. The line should not interestect the pool in any direction and should be **at least 2/3 the length** of the pool.



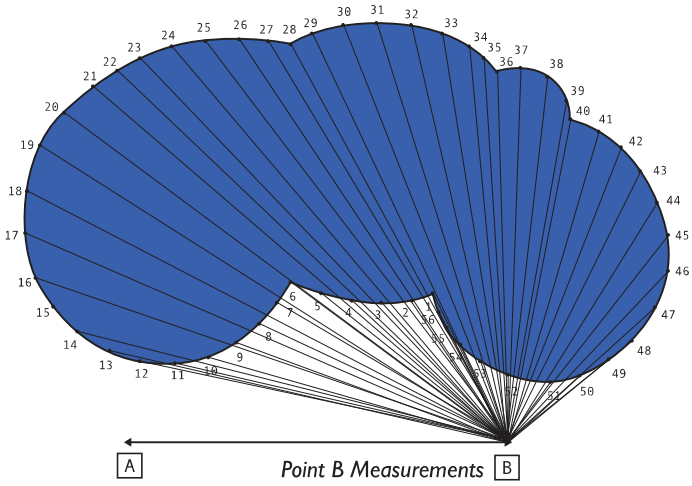
2. **Mark plot points around the perimeter of the pool approximately every 3 feet**: Mark your pool deck in roughly **3 foot intervals** around the pool perimeter, and numbering each point around the pool. Number all corners, rail locations (front and back of rails) or other obstructions within 18 inches of the pool edge. When tight curves, rocks, waterfalls or similar obstructions are encountered, mark at **one foot intervals.**



3. **Measure to each plot point from Point A**: Attach or have a partner hold one end of a tape measurer at Point A, measure to each point, starting at point one, and record in the corresponding box A1 on the measuring form. Continue measuring to each point around the pool perimeter and record each measurement. Repeat from Point B to each plot point in numerical order.



Point A Measurements



Point B Measurements

4. **Verify pool length and width**: Choose a numbered plot point in the shallow end, and a numbered plot point in the deep end, and record the measurement between the two points to represent overall pool length. Do the same across the widest point of the pool to represent the pool width. You may want to include a few width measurements for curvy pools with varied sections. Once completed, proceed on to the Hopper Style and measurements in the standard measurement form.