

# Custom Shape Pools: A-B Measuring Instructions

**NECESSARY FOR ALL CUSTOM AND FREE FORM POOLS, OVALS WITH STEP SECTIONS OTHER THAN CENTER END, AND WHEN REQUESTED BY MANUFACTURER.**

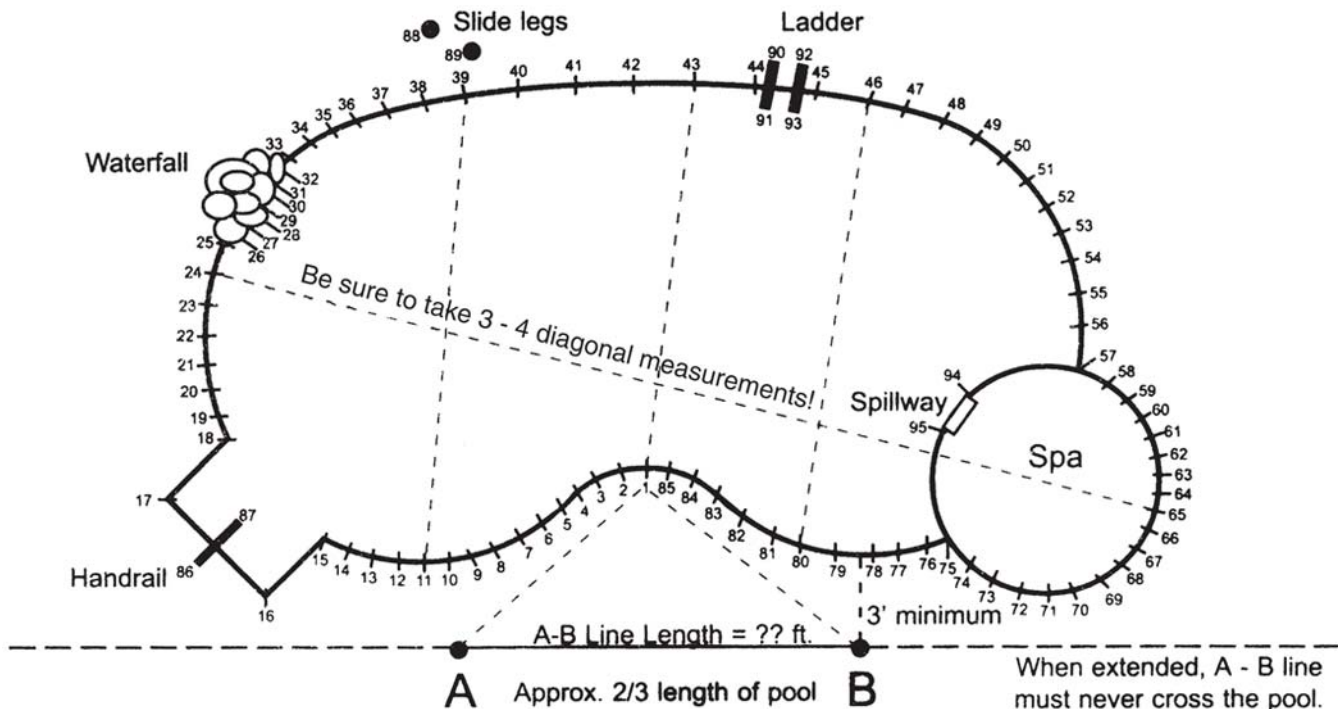
Rounds without steps and Octagons do not need to be measured with "A-B" measurements.

**TOOLS REQUIRED:** Chalk, 100' Tape Measure, Pencil.

**Working with another person will make this job much easier.**

- 1** To represent your A-B line, mark 2 points on the deck in a straight line. Make sure that the "A" and "B" points are at least 3' away from the water's edge and about two-third's (2/3) the length of the pool. Example: If pool is 42' long – "A-B" points should be about 28' apart. It is okay to be 20' to 25' apart as well. Also, the "A" and "B" do not have to be the exact distance from the pool. "A" could be 52" away and "B" could be 64". "A" must always be to the left of "B" as you face the pool. Make sure the pool is totally in front of the A-B line. Your measurements will be incorrect if this instruction is not observed. Choose a spot where it is easy to place a stake in the ground. Wood stakes, pipes, rebar or round metal rods can be driven into the ground to mark "A" and "B". The "A-B" points cannot intersect the pool at any point (see diagram).
- 2** Begin to place chalk marks around the pool at specific points. Start with a point on the pool closest to the Point "A" stake. A corner or a point on a step works well. These marks are at the water's edge on top of the pool coping or cement deck. Mark first point #1 and continue in a clockwise manner marking points every 2 or 3 feet around the pool. Number mark. On tight turns place these chalk marks even closer together, about every 1 foot. Where there are defining points, or changes in direction, put a mark at that point as well. A typical pool will have 35 points. Larger pools may even have 50 points or more. When ladders and handrails are not removable, you will need to mark the number and location of the anchor sockets. If you have an area where the concrete or wood deck stops, planter or a boulder, you will need points at the start and end of this area.
- 3** Measure the distance from point "A" to point "B" and record. Secure the end of your 100 ft. measuring tape to point "A" on your A-B line and measure the distance to point #1 and note the distance in the "A" column on the chart provided. Continue around the pool until you have recorded all the points marked around pool perimeter with an "A" measurement. Next, secure the end of your 100 ft. measuring tape to point "B" and repeat the step above from point "B" on your A-B line and note the distances in the "B" column on the chart provided. Round up all measurements to the nearest inch. Take a few diagonal, side-to-side and end-to-end measurements. Example: Point 24 to Point 65 equals the longest length of the pool. Point 11 to Point 39 equals the widest part of the pool. Record these dimensions also.

**Items such as slide legs, ladders (that are not removable), etc. that are within 18" of waterline will be cutouts. Measure these items after all pool points are finished.**



Print this A-B form to assist in your measuring process.

Fill in the measurements and submit this form. These measurements will be used to generate a computer-designed layout of your cover for further verification. All measurements should be rounded up to the nearest inch. (Example: 11 feet 2 1/4 inches will be 11 feet 3 inches.)

No.	Point A	Point B
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

No.	Point A	Point B
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		

No.	Point A	Point B
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		

Pool Type: Concrete  Vinyl   
 Mesh Colour: Green  Blue  Black  Taupe   
 Solid Colour: Green  Blue   
 Mighty Mesh: Green  Blue  Black  Taupe

Overall Length: \_\_\_\_\_, from Point # \_\_\_\_\_, to Point # \_\_\_\_\_, (longest point)

Overall Width: \_\_\_\_\_, from Point # \_\_\_\_\_, to Point # \_\_\_\_\_, (widest point)

\*The distance between A and B is \_\_\_\_\_

## ADDITIONAL REQUIRED INFORMATION

**Please submit labelled photos for pools with complex features.  
Cutouts may be required if objects are within 18" of pool.  
Please provide A-B dimensions to locate object.**

### All non-removable obstacles.

1. Handrails: Pt# \_\_\_\_\_ to Pt# \_\_\_\_\_  
Distance rails extend into pool \_\_\_\_\_  
Distance rails are set back from waterline \_\_\_\_\_

2. Ladder Rails: Pt# \_\_\_\_\_ to Pt# \_\_\_\_\_  
How far does ladder extend into pool? \_\_\_\_\_

3. Fillspout: Pt# \_\_\_\_\_  
Dimensions & distance from pool: \_\_\_\_\_  
How high if raised? \_\_\_\_\_

4. Dive Stand: Pt# \_\_\_\_\_ to Pt# \_\_\_\_\_

5. Slide Legs within 2 ft of waterline:  
Pt# \_\_\_\_\_  
Distance leg is back from pool \_\_\_\_\_  
Pt# \_\_\_\_\_  
Distance leg is back from pool \_\_\_\_\_  
Pt# \_\_\_\_\_  
Distance leg is back from pool \_\_\_\_\_

6. Dive Rocks: Pt# \_\_\_\_\_ to Pt# \_\_\_\_\_  
Distance back from waterline \_\_\_\_\_  
Give several points along rock, (left side, front side, right side)

7. Grab Rocks: Pt# \_\_\_\_\_ to Pt# \_\_\_\_\_  
Distance back from waterline \_\_\_\_\_

8. Planter or grass area: Pt# \_\_\_\_\_ to Pt# \_\_\_\_\_

9. Spa: Pt# \_\_\_\_\_ to Pt# \_\_\_\_\_  
Separate cover required? Yes \_\_\_\_\_ No \_\_\_\_\_  
How high is spa? \_\_\_\_\_  
Is spa wall flush with top of coping? Yes \_\_\_\_\_ No \_\_\_\_\_  
Open Spillway: Yes \_\_\_\_\_ No \_\_\_\_\_  
If yes: To locate spillway Pt# \_\_\_\_\_ to Pt# \_\_\_\_\_  
Give points all around spa and points at all four corners of open spillway.

10. Raised wall: Pt# \_\_\_\_\_ to Pt# \_\_\_\_\_  
Give A-B dimensions at beginning of wall, as well as along wall to end of wall. Height? \_\_\_\_\_

11. Waterfall or Rock Formation:  
Pt# \_\_\_\_\_ to Pt# \_\_\_\_\_  
Furnish points at beginning, middle, end of formation.  
Always use approximate 1' intervals between points.

12. Varying Deck Levels:  
Step 1: Pt# \_\_\_\_\_ to Pt# \_\_\_\_\_  
A-B dimensions require indicating angle of the deck from pool wall, out onto deck. Height? \_\_\_\_\_  
Step 2: Pt# \_\_\_\_\_ to Pt# \_\_\_\_\_  
Step 3: Pt# \_\_\_\_\_ to Pt# \_\_\_\_\_

13. Wood Deck: Yes \_\_\_\_\_ No \_\_\_\_\_  
Indicate partial wood deck areas:  
Pt# \_\_\_\_\_ to Pt# \_\_\_\_\_

\*Covers over 2000 sq. ft. must be made in 3x3 sections.

### Additional Requirements/Descriptions

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Name: _____	
Phone: _____	
Address: _____	
City: _____	
Prov: _____	Postal: _____
Email: _____	



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