

CUSTOM SAFETY COVER MEASURING GUIDE



Questions?

Phone 1-888-756-9666 (Toll free Monday-Friday 9am-6pm CST)
Text 888-756-9666
Email help@poolzoom.com

Contact Information

Name _____

Address _____

City _____

State _____ Zip _____

Phone _____

Email _____

Welcome to our cover ordering process!

We've designed this process to be simple, and stress-free. With years of experience, our team is the best in the business to ensure your custom safety cover fits perfectly. Please take the time to read and follow each step carefully, as this will help us create the best possible fit for your pool. Be sure you have enough time to finish the whole process. From start to finish this should take you from 1-3 hours to complete. We recommend having a helper to measure with. If you need any help at any point along the way, you can always call, email, or text us – we're here to assist.

Here is the process in a nut shell:

1. Fill out this form with your pool details and measurements.
2. Once we receive your information, our design team will create a professional CAD drawing of your pool.
3. We'll send the CAD drawing to you for review and approval. This ensures every detail is correct before we begin production.
4. After you approve the CAD drawing, and pick your cover material and color your custom safety cover will be made to order.

Please note: Because each cover is custom-made to your exact specifications, no returns or changes are accepted once the CAD drawing has been approved and production has begun.

Step 1

Are you replacing an existing safety cover? YES No → Continue to **Step 2**

Do you have the old cover? YES NO

If you have your existing cover

Most covers have a serial number located on the underside towards the shallow end. If you can locate the serial number, email it to us with the manufacturer name and we can pull the specifications from the manufacturer.

We can also use your old cover as a template to make a new one. Upon request we will send you a free safety cover recovery box with a free prepaid return shipping label, so you can ship your old cover to the factory for an exact replacement. No need to complete **Step 2** on this form.

Do you want to reuse existing anchors in the deck? ←

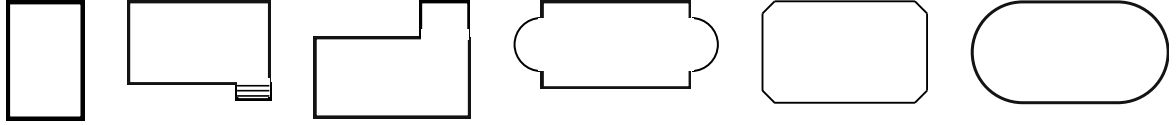
YES → You will need to fill out the A-B form for the pool and the A-B form for existing anchors. Continue to **Step 2, Shape 2** NO → Continue to **Step 2**

Step 2

Determine your pool shape:

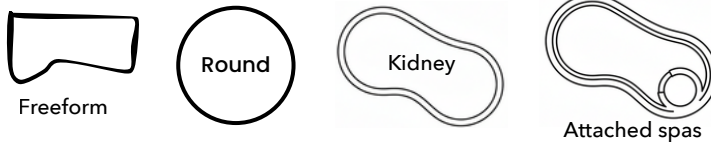
- Pool Shape 1 includes:** Rectangle, Rectangle with Step Section, Rectangle with Radius Corners, Rectangle with Rounded or Grecian Ends, True Oval. **Follow the Shape 1 directions below.**

Examples:



- Pool Shape 2 includes:** Freeform, Round, Kidney, any pool with a raised spa, any pool with existing anchors. **Follow the Shape 2 directions below.**

Examples:



What is a non-removable object?

A non-removable object (also called an obstruction) is any fixed feature of your pool or surrounding area that cannot be taken out or moved when installing your safety cover. These objects often extend over the water or are located within 3 feet of the pool's edge. The cover might have to be made to fit around these objects.

When measuring your pool, it's important to identify and mark these objects so your custom safety cover can be designed to fit around them properly.

Examples of non-removable objects include:

- Ladders or handrails
- Diving boards or diving stands
- Slide legs or grab rails
- Raised walls or spillways
- Attached spas or spa walls
- Rock formations or waterfalls
- Planters or built-in fountains



Examples of common non-removable objects

Step 2. Non-removable object questionnaire

For all pool shapes, please complete this questionnaire.

Pool decking

Do you have at least 3 foot of deck around the pool? YES NO

If No, show the deck dimensions and note the deck material on the Pool Sketch (page 12).

Do you have an all concrete deck? YES NO

If No, note on your Pool Sketch (page 12) what materials the deck is made of and where the material changes (e.g., stone, wood, brick, grass, etc.).

Are there varying deck levels within 3 foot of the pool? YES NO

If Yes, note the pool point number(s) where the level changes occur on your Pool Sketch (page 12), and indicate the direction and angle of the slope (e.g., "up" or "down" from the pool).

Ladders

Are there any non-removable ladders in the pool? YES NO

If Yes, provide the A-B measurements for each ladder on the Obstructions Form (page 11), and mark the distance the ladder extends into the pool on the Pool Sketch (page 12).

Raised walls

Are there any raised walls or a raised bond beam? YES NO

If Yes, provide the A-B measurements for the front and back of each wall on the Pool Form (page 9), and note the wall heights on the Pool Sketch (page 12).

Waterfalls

Are there any waterfalls or rocks? YES NO

If Yes, provide the A-B measurements for each feature on the Pool Form (Page 9) and the Obstructions Form (page 11), and mark their locations on the Pool Sketch (page 12).

Spa

Is there an attached spa? YES NO

If Yes, finish the section below.

Is the spa level with the pool deck? YES NO

If No, provide the A-B measurements of the front and back sides of the spa wall on the Pool Form (page 9), and note the wall height on the Pool Sketch (page 12).

Does the spa wall have an open spillway? YES NO

If Yes, provide the A-B measurements for the spillway on the Pool Form (page 9), and mark its location on the Pool Sketch (page 12).

Handrails

Are there any non-removable handrails on the deck? YES NO

If Yes, provide the A-B measurements for each handrail on the Obstructions Sheet (page 11). Also, mark and label each handrail on the Pool Sketch (page 12), including the distance from the pool edge to the handrail.

Grabrails

Are there any grab rails? YES NO

If Yes, provide the A-B measurements for each grab rail on the Obstructions Form (page 11), and mark the distance from the pool edge to each grab rail on the Pool Sketch (page 12).

Diving board stand

Is there a diving board base on the deck? YES NO

If Yes, provide the A-B measurements for the diving board base on the Obstructions Form (page 11), and mark the distance from the pool edge to the diving board base on the Pool Sketch (page 12).

Slides

Is there a slide on the pool? YES NO

If Yes, are the slide legs within 18 inches of the waterline? If so, provide the A-B measurements for the slide legs on the Obstructions Form (page 11), and mark the distance from the pool edge to each slide legs on the Pool Sketch (page 12).

Planters

Are there any planters on the deck? YES NO

If Yes, provide the A-B measurements for each planter on the Obstructions Form (page 11), and mark their locations on the Pool Sketch (page 12).

Fill spout

Is there a permanent fill spout on the deck? YES NO

If Yes, provide the A-B measurements for the fill spout on the Obstructions Form (page 11), and mark the distance from the pool edge to the fill spout on the Pool Sketch (page 12).

Skimmer covers

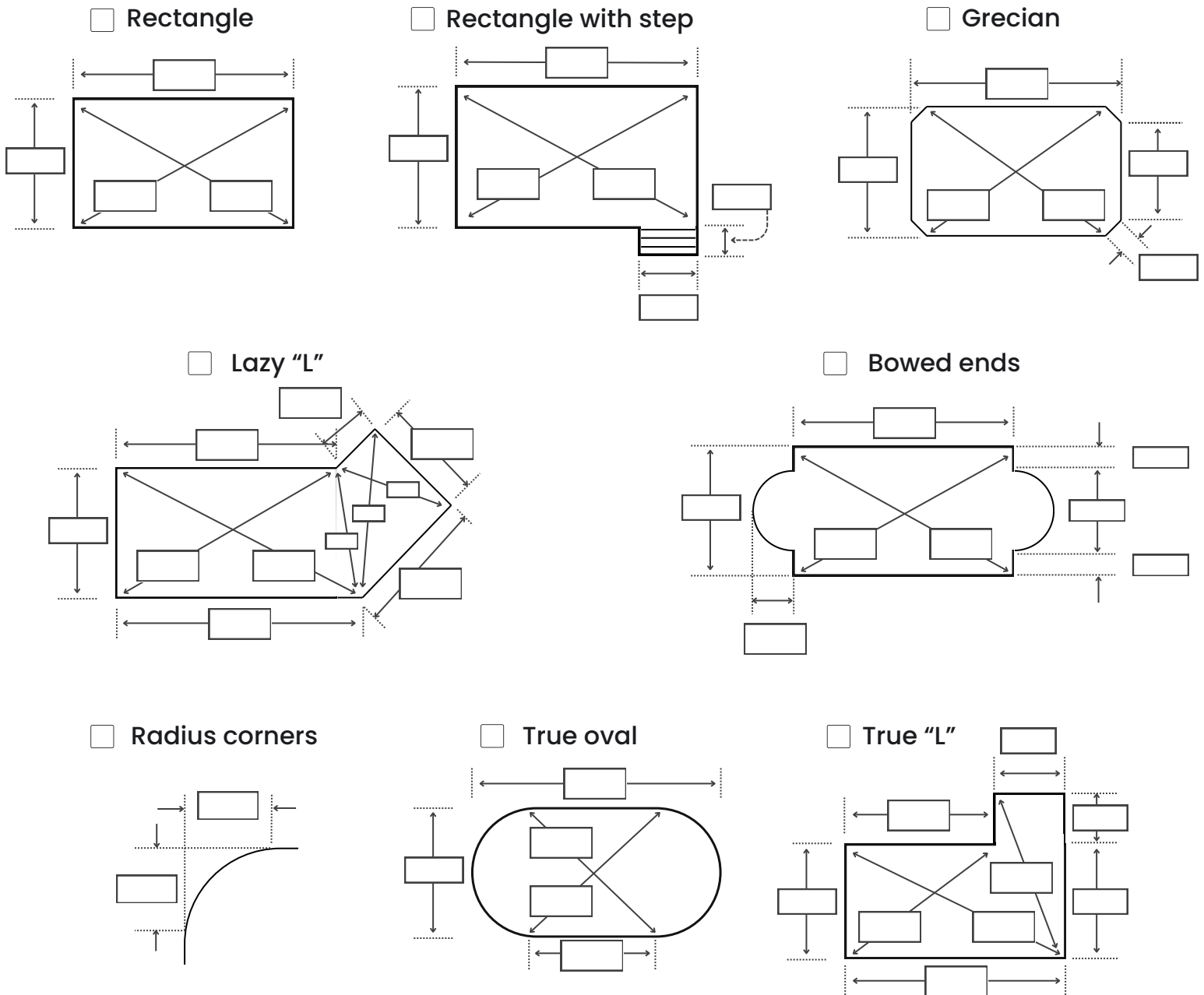
Are there skimmer covers in the deck? YES NO

If Yes, provide the A-B measurements for each skimmer cover on the Obstructions Form (page 11), and note the height difference on the Pool Sketch (page 12).

Shape 1 Pools

1. Check off your pool shape, then draw a diagram of your pool on the sketch on page 12. Be sure to include the entire deck area around the pool.
2. Record your pool's measurements. Be sure to provide all the required measurements. Measure the inside waterline dimensions from the pool shape you checked.
3. Mark any non-removable obstructions (within 3 feet of the waterline) on your diagram. Measure and note:
 - a. The distance from the obstruction to the pool's edge.
 - b. The distance from the obstruction to the nearest squared-off corner of the pool.
4. If your pool has a step section, provide the step's length, width, and offset (if applicable). Follow the arrows in the guide to show where each measurement was taken.

Measurement Requirements for Shape 1 pools



Shape 2 Pools, A-B Measuring

A-B Measuring

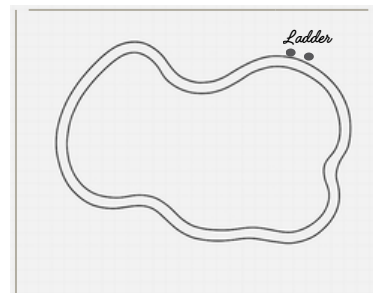
Tools You Will Need

- Chalk
- 100 ft. tape measure (measuring with a partner is recommended)
- Black pen or mechanical pencil for filling out forms – please write clearly and legibly.



Step 1: Draw the pool layout

- Sketch your pool on page 12. Draw the inside waterline of the pool as accurately as you can.
- Include the surrounding deck, planters, and any obstructions within 3 foot of the waterline. Note any change in the deck height on the drawing.
- If the pool has unique features (like rocks, waterfalls, raised walls, attached spas, etc.), make sure to note them clearly and take photographs for reference.



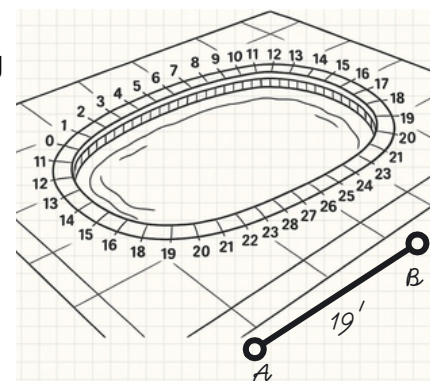
Draw your pool, deck and any obstructions

Step 2: Set up your A-B line

- Pick two points on the ground (on the deck or in the grass) that are at least $\frac{2}{3}$ rd the length of the pool (typically 15–25 feet) apart and at least 3–5 feet back from the pool's edge. These will be your A and B points.
- The two points should sit on flat, open ground—nothing in the way—and the line between them should not cross over the pool or come within 3 feet of it.
- Think of the A-B line as a straight baseline running parallel to the long side of the pool. When standing behind it and looking at the pool: put A on your left and B on your right.
- Mark your A & B points with chalk and secure your points using something solid (like a yard stake, deck screw, long nail, or anchor) so you can hook a tape measure to it.
- Write down the exact distance between A and B on the Pool Measurement Form (Page 9).

Step 3: Mark and number points around the pool starting at 1

- **At the pool :** Use chalk to place small marks along the coping's edge. Space them 1-2 foot apart (never more than 3 feet). Use closer spacing around curves, steps, or tight areas. Number all corner points. Starting at number 1, number them clockwise and consecutively all the way around the pool.
- **On your drawing:** As you mark each point at the pool, add the corresponding number on your sketch. Make sure the numbers on your drawing match the chalk numbers on the pool.
- **Number the obstructions separately:** go back and add points at any obstruction or non removable object. Start your numbers at a range much higher than your pool points so you know they are obstructions. Example: 301, 302, 303, etc.
 - ladder poles, handrails poles, grab rail poles, slide legs, spa walls, fill spouts, dive stands.



Setup A-B line and mark your points on your pool and on your drawing.

Are you matching existing anchors?

If you already have anchors in your deck from a previous safety cover, you must also number each anchor in the deck and record both the pool and the anchors using the same A-B points. Position the A-B line about 4–5 feet behind the anchors. Use the 200 number range for existing anchors. For example 201, 202, 203, 204, etc.

Please submit the two measurement forms using the same A-B points:

- Pool Measuring Form
- Anchor Measuring Form

Shape 2 Pools, A-B measuring continued.

Step 4: Measure from Point A to each numbered point at the pool

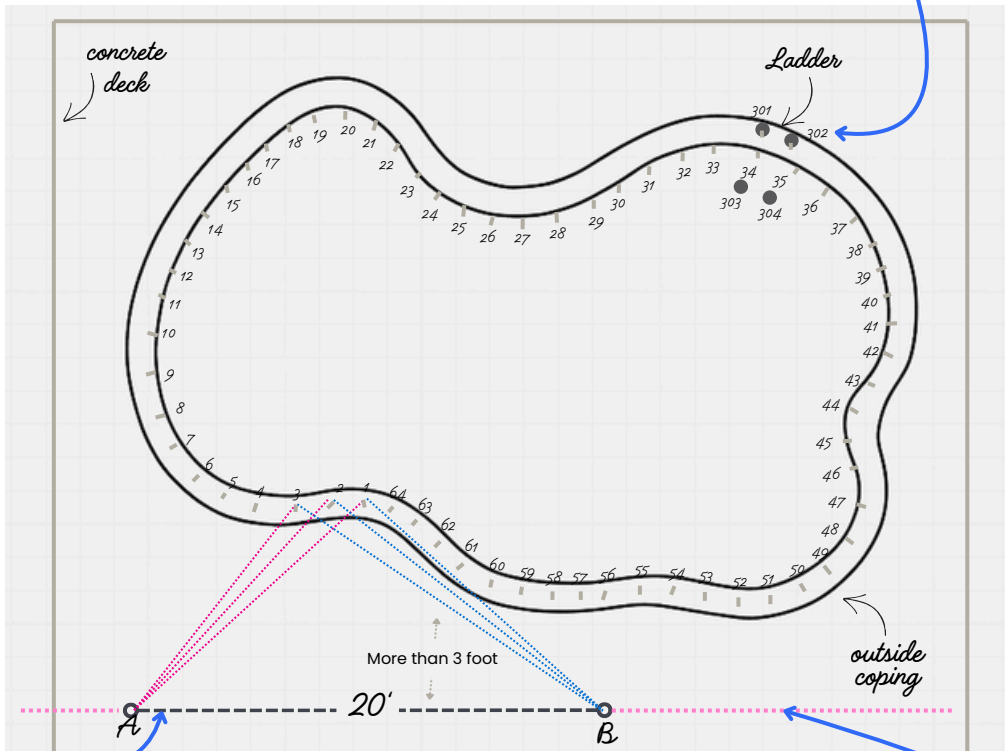
- Starting at Point 1, measure the distance from Point A (your stake on the left side of the A-B line) to that pool point.
- Write down the measurement on the A-B Pool Measurement Sheet in the correct spot for the A column Point 1.
- Continue around the pool in order: measure A to Point 2, A to Point 3, A to Point 4, and so on, until you've measured every chalked point you marked around the pool.

Step 5: Measure from Point B to each point

- After finishing all your measurements from Point A, move to Point B (the stake on the right side of your A-B line).
- Using the same process as before, measure the distance from Point B to Point 1, then B to Point 2, and so on, all the way around the pool.
- Be sure to record each measurement immediately on the A-B Pool Measurement Sheet to avoid mistakes or missed points.

Tip: It works best with two people – one person keeps the tape anchored at Point A or B and writes down the measurements, while the second person walks around the pool, pulls the tape to each pool point, and calls out the point number and distance.

Tip: Mark all the non-removable objects on your drawing. You will want to number them separately. Example: 301, 302, 303, 304



Point	A	B
1	9'-10"	11'-7"
2	10'-5"	15'-1"
3	12'-8"	17'-3"
4	13'-11"	19'-6"

Tip: Be sure to record each distance on the A-B Measurement Form as you go – it's easy to lose track if you skip writing one down.

Tip: Be sure your A-B line is at least 3 feet away from any point you're measuring.

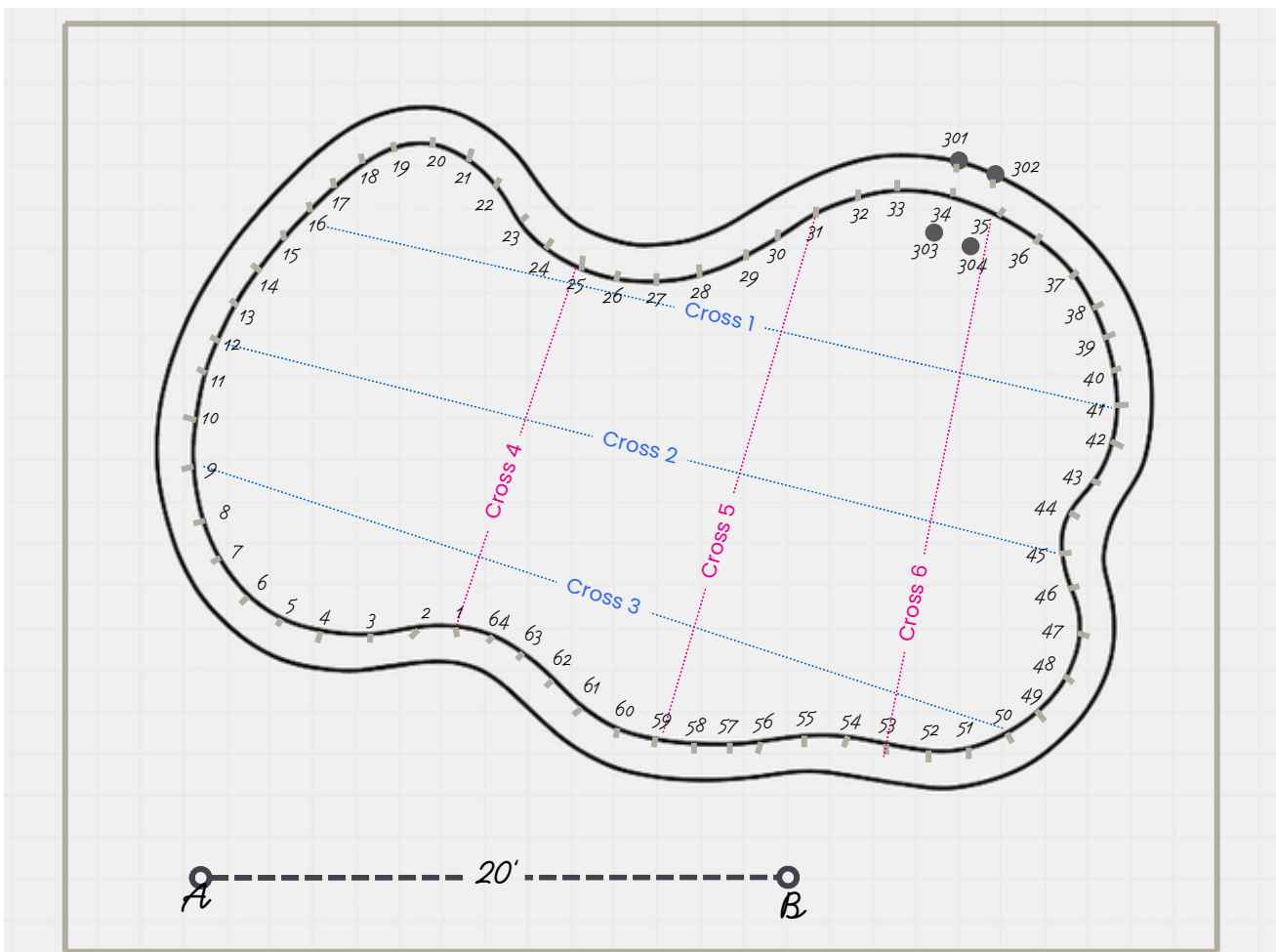
Tip: If you imagine extending the A-B line farther in both directions, that invisible line should never touch the pool or any points you will be measuring.

Shape 2 Pools, A-B measuring continued.

Step 6: Measure and record cross-pool check points

- Finally, take a few check measurements across the pool.
- Choose numbered points that represent the overall width and length of the pool – for example, one pair of points across the widest part and another pair across the longest part.
- Stretch your tape from point to point (not from A or B) and record those measurements on your A-B Measurement Sheet in the “Cross Dimensions” section. Be sure to record the pool point numbers that your measuring from.

Tip: It’s helpful to record at least four cross-pool measurements – two across the width and two along the length. These cross checks help confirm that your other measurements are consistent and that the pool shape will plot correctly when drawn.



If your matching existing anchors

If you want your new cover to match existing anchors from your previous safety cover, you must measure and record both the pool and the anchors using the same A-B points.

Please submit the two measurement forms using the same A-B points:

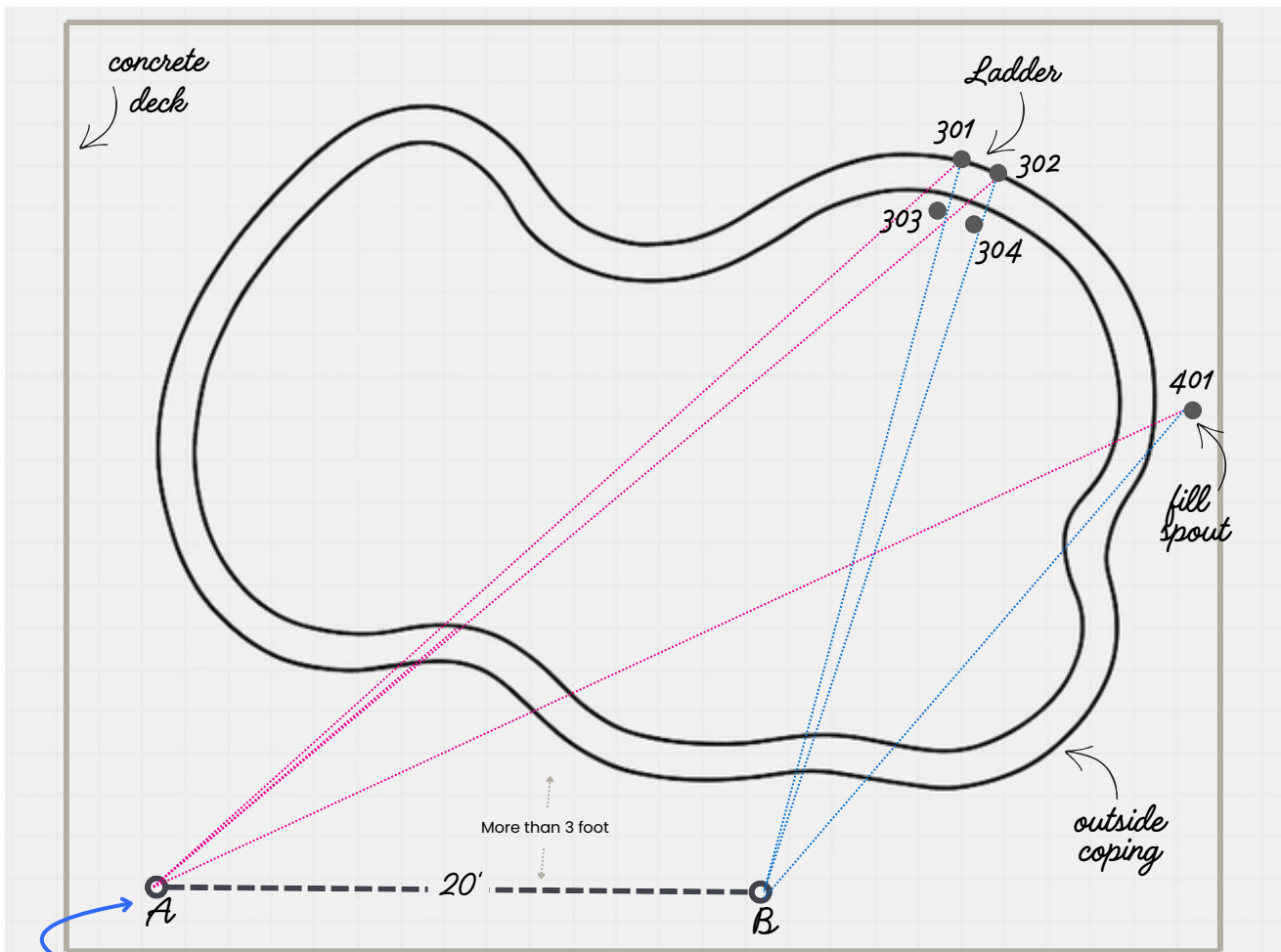
- Pool Measurement Form, Page 9
- Anchor Measurement Form, Page 10

Shape 2 Pools, A-B measuring continued.

Step 7: Measure and record all non-removable objects within 3' of the pool edge

- Mark and measure all non-removable objects and record the distances of each obstruction on the non-removable object (obstruction) measuring form.
- Number any object on your pool deck that can not be removed. Start your number at a range much higher than your pool points. Example 201, 202, 203, 204

Tip: We like to give a new range to each non-removable object to help keep it organized. For example if your measuring the ladder, number it 201, 202. If you need to add a fill spout, number it 301, 302.



Use the same A-B line from your pool point measurements.

A-B Pool Measurement Form – Swimming Pool

A - B to Pool Point Measurements

Point	A	B
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
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Point	A	B
37		
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A-B Line Distance

Distance from Point A to point B

Important!

Cross Dimensions

Cross 1

From Point	To Point	Dimension

Cross 2

From Point	To Point	Dimension

Cross 3

From Point	To Point	Dimension

Cross 4

From Point	To Point	Dimension

Cross 5

From Point	To Point	Dimension

Cross 6

From Point	To Point	Dimension

continue

A-B Anchor Measurement Sheet - Existing Anchors

A - B to Each Anchor Point Measurement

Point	A	B	Point	A	B
201			236		
202			237		
202			238		
203			239		
204			240		
205			241		
206			242		
207			243		
208			244		
209			245		
210			246		
211			247		
212			248		
213			249		
214			250		
215			251		
216			252		
217			253		
218			254		
219			255		
220			256		
221			257		
222			258		
223			259		
224			260		
225			261		
226			262		
227			263		
228			264		
229			265		
230			266		
231			267		
232			268		
233			269		
234			270		
235			271		

Note: this is only required when replacing an old safety cover and matching the existing anchors.

A-B Line Distance

Distance from Point A to point B

Important: Use the same A-B line from the pool.

Cross Dimensions

Cross 1

From Point	To Point	Dimension

Cross 2

From Point	To Point	Dimension

Cross 3

From Point	To Point	Dimension

Cross 4

From Point	To Point	Dimension

Cross 5

From Point	To Point	Dimension

Cross 6

From Point	To Point	Dimension

continue

A-B Measurement Sheet - Non-removable Objects (Obstructions)

Obstruction Type:		
Point No.	A	B

Obstruction Type:		
Point No.	A	B

Obstruction Type:		
Point No.	A	B

Obstruction Type:		
Point No.	A	B

Obstruction Type:		
Point No.	A	B

Obstruction Type:		
Point No.	A	B

Obstruction Type:		
Point No.	A	B

Obstruction Type:		
Point No.	A	B

Pool Sketch

Create a detailed drawing of your pool and include any obstructions within 3 foot of the pool's edge

