



## GENERAL MEASURING GUIDELINES FOR ALL POOL SHAPES

- Measuring a pool will be easier if you have another person helping you.
- Draining the pool will also make the process of measuring your pool easier; however, it is not always necessary, as many pools can be measured with water in them.
- **Never assume a pool is standard.** All pools are different. Most importantly, measure the pool for an exact fit. Actual pool measurements should be made even if original pool plans are available, due to the fact that slight variances may have occurred during construction.
- When measuring pools, do not make allowances for weather conditions, temperature, or the fact that vinyl shrinks and expands. These calculations are made when the new liner is designed.
- Supply all measurements in feet and inches, rounding up to the **nearest quarter-inch on liner-covered features**, such as steps, ledges, and benches, and rounding up to the **nearest half-inch** on all other measurements.
- Follow the “step-by-step” measuring instructions carefully, referring to all diagrams to ensure accurate measurements.
- Remember to include your name, mailing address, phone and fax numbers, and email address on each page that you send to Branded Manufacturing. You must also sign off on an approval drawing of the liner before we can begin building the liner.
- Remember to record all of your measurements and place them in the proper lines/boxes on the proper form(s). You may need to transfer measurements you have made on the “MEASURING INSTRUCTIONS” pages onto the actual measuring form.
- Write your measurements legibly, using BLACK INK. (NO PENCIL OR FELT-TIP MARKER, PLEASE!) Make copies of all pages for your records before sending them to us. You will need to refer to your copies if we have questions regarding your measurements.
- When in doubt, give us a call at (731) 345-4500.

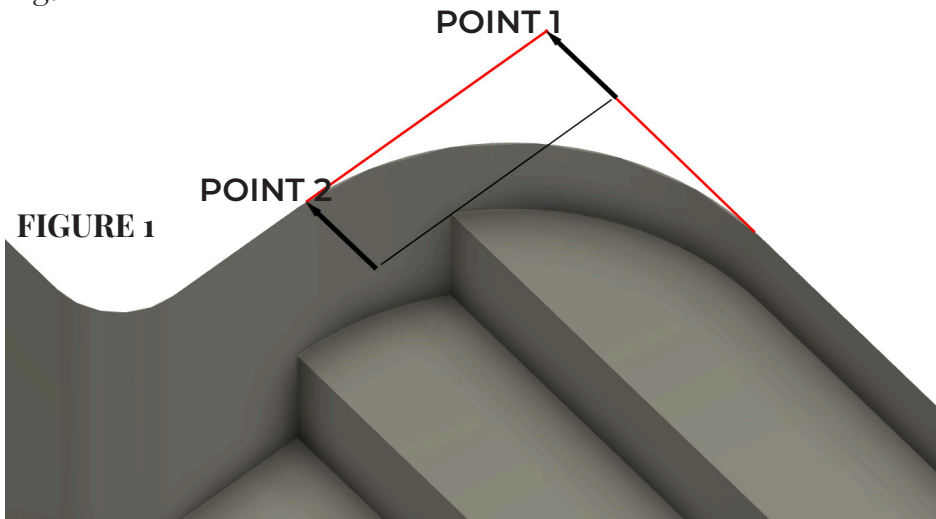
**ONLY THE BEST GET BRANDED**

# MEASURING INSTRUCTIONS - STEP-BY-STEP

## IN-GROUND STEPS

### STEP #1: MEASURE THE BACK CORNERS.

Identify the back corners of the steps as being Square ( $90^\circ$ ), Cut (Diagonal), or Radius (Rounded). Use the methods below to measure accordingly for Cut or Radius. Square Corners do not need additional measuring.

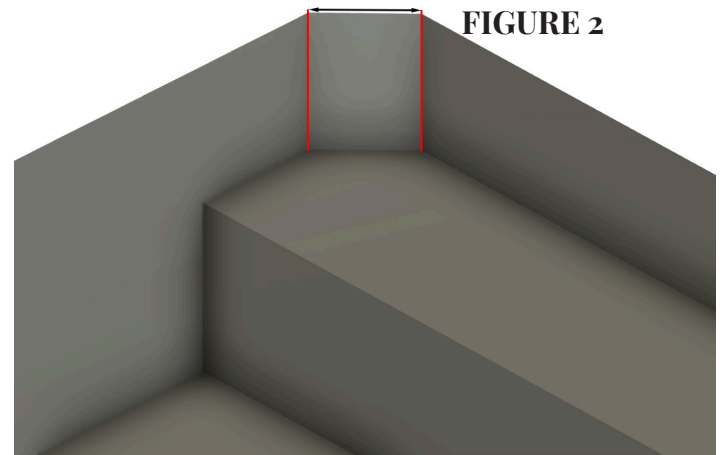
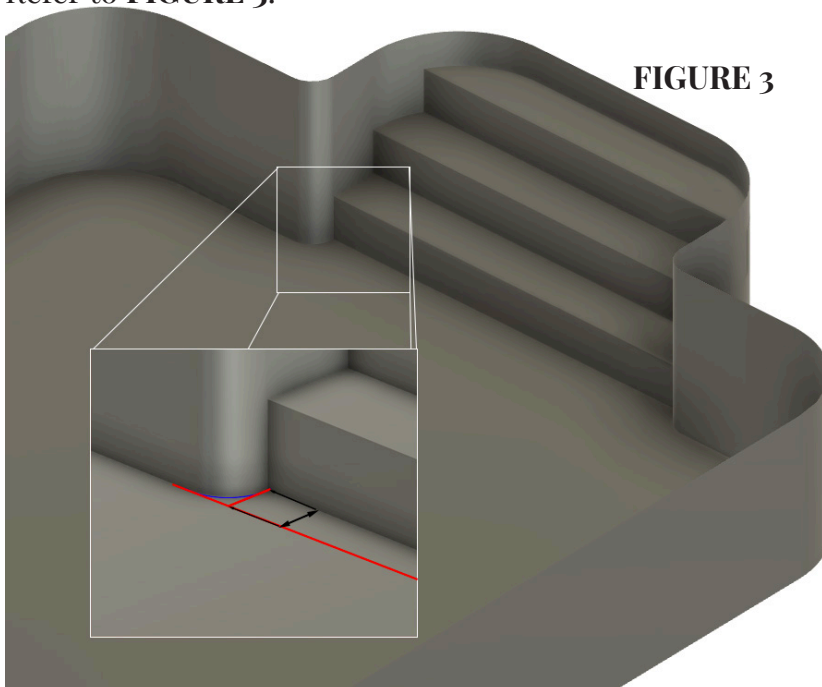


**Radius (Rounded) Corners** must be squared. Use two straight edges to form an imaginary square corner, and mark where the edges meet as Point 1. Measure the imaginary corner (Point 1) to Point 2. Refer to the illustration in FIGURE 1.

**Cut (diagonal) Corners** must be measured. Use a metal measuring tape to measure from one corner to the other. Refer to FIGURE 2.

### STEP #2: MEASURE THE RECESS CORNERS. (if applicable)

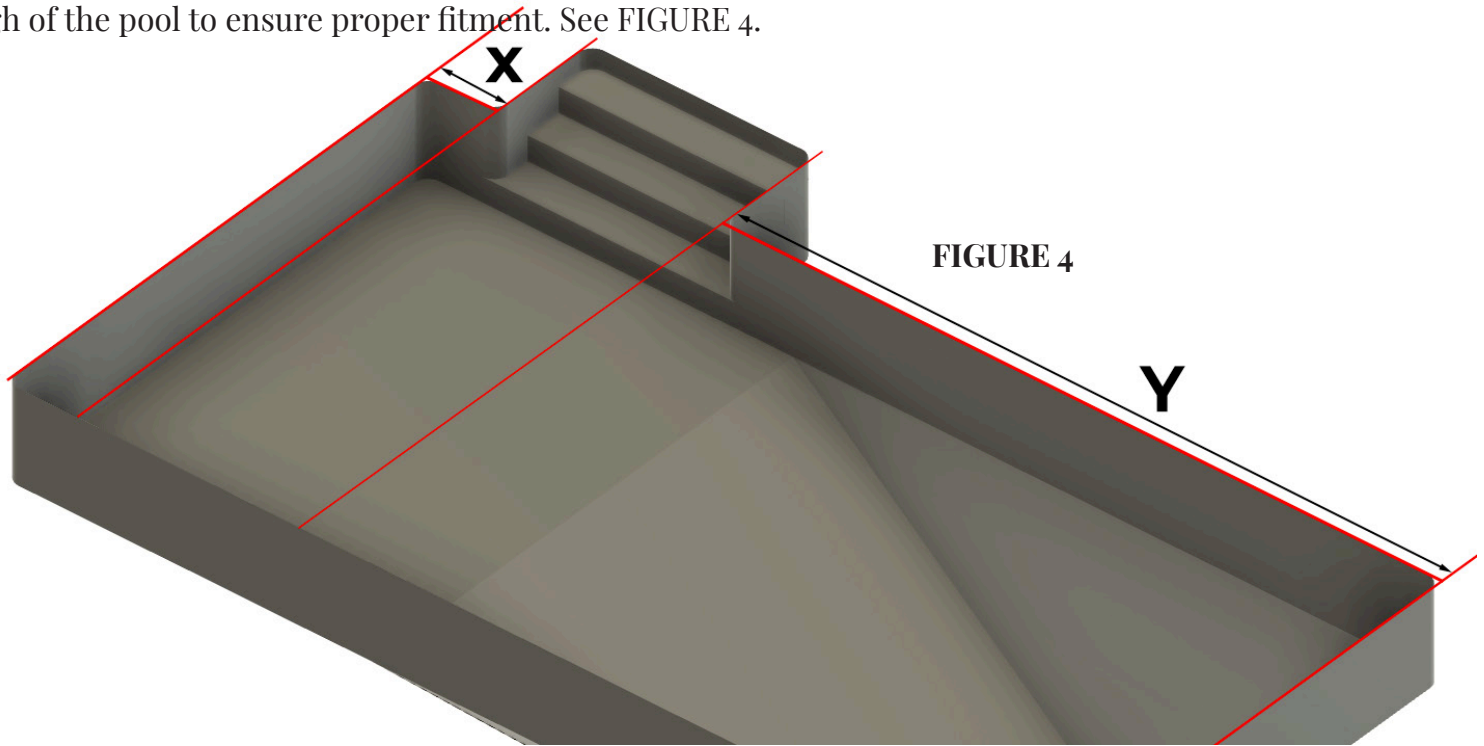
**Recessed Corners** are level with the shallow floor, but are used in the step measurements. Identify if the corners are Square, Cut (Diagonal), or Radius (Rounded). Refer to FIGURE 3.



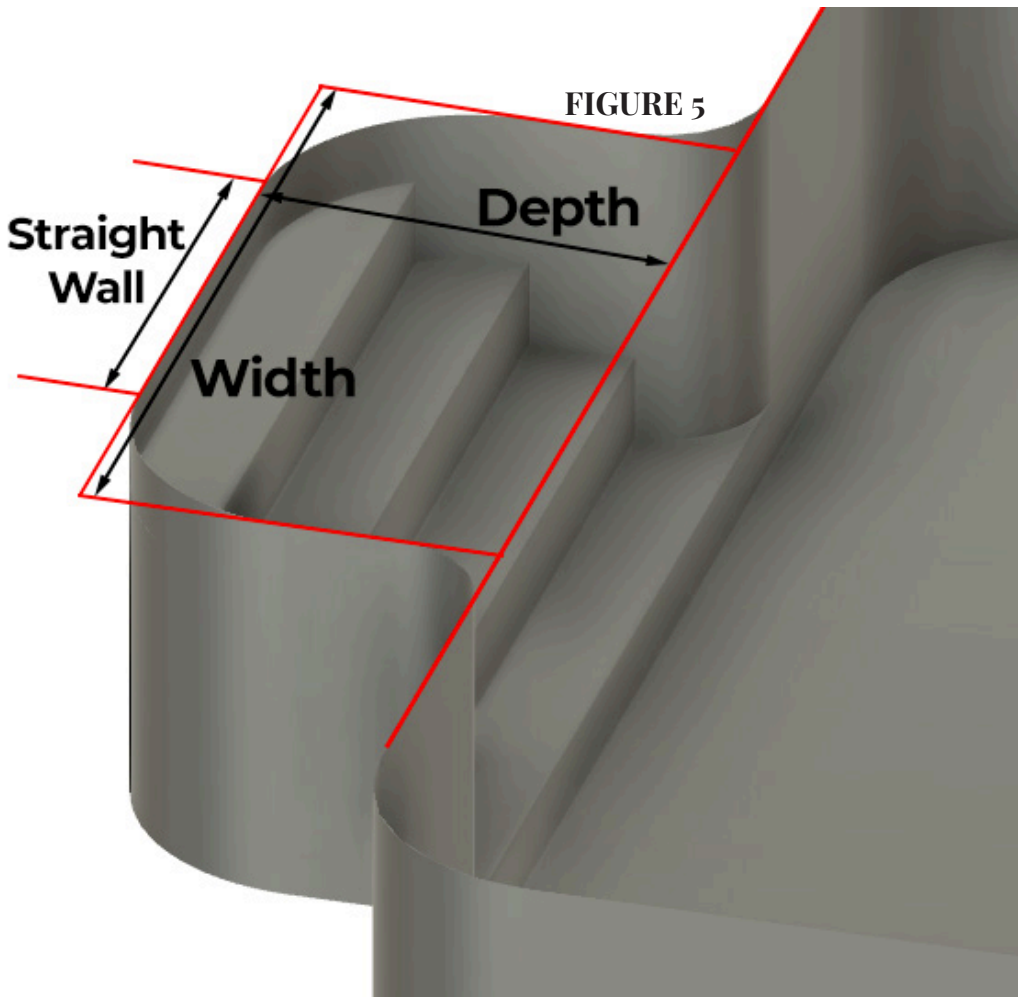
**Recessed Corners** measurements will help liner designers to make sure the liner fits the step area and shallow floor fit properly. Include all measurements, especially the length from the edge of the last step to the straight shallow width wall. If the corners are radius (rounded), or cut (diagonal), include those additional measurements.

### STEP #3: MEASURE THE STEP LOCATION (X & Y).

Using the exterior straight walls, measure the distance from the outside straight walls to the steps' straight walls. Record these measurements on the MEASURING FORM. Ensure that  $X + Y + \text{Step Width (Step #4)}$  equal the full length measurement of the pool. This should be done for steps on the width as well as the length of the pool to ensure proper fitment. See FIGURE 4.



### STEP #4: MEASURE THE STEP WIDTH, DEPTH AND STRAIGHT WALL.



Using the steps' straight walls, measure the distance from side to side for the Width.

Using the exterior straight wall, measure the depth to the shallow straight wall. Be sure to include any recessed measurements here, to ensure proper fitment.

Include the straight wall measurement, when applicable. Be sure that the straight wall measurement and corner measurements taken in Step #1 add up correctly for the total Width.

See FIGURE 5.

## STEP #5: MEASURE THE RISERS, TREADS, AND TREAD WIDTHS.

Using a metal tape measure, measure from the bead track opening down to the tread face. Repeat the process from the edge of the tread down to the next tread face to complete riser measurements.

It is highly recommended to make multiple riser measurements on the edges and in the center of the riser. Occasionally, the process of forming steps can cause some risers to increase and decrease in height. This will aid the designer in ensuring proper fitment. See FIGURE 6.

Measuring the treads should be done using the same process of using multiple measurements from the rear of the tread to the edge of the tread.

If only one set of risers and treads are submitted and they do not equal the total wall height, the CAD process will be prolonged. Ensure all risers equal the total wall height, and the treads equal the total depth (Step #4).

Measure the tread widths and record these measurements on the MEASURING FORM. See FIGURE 7.

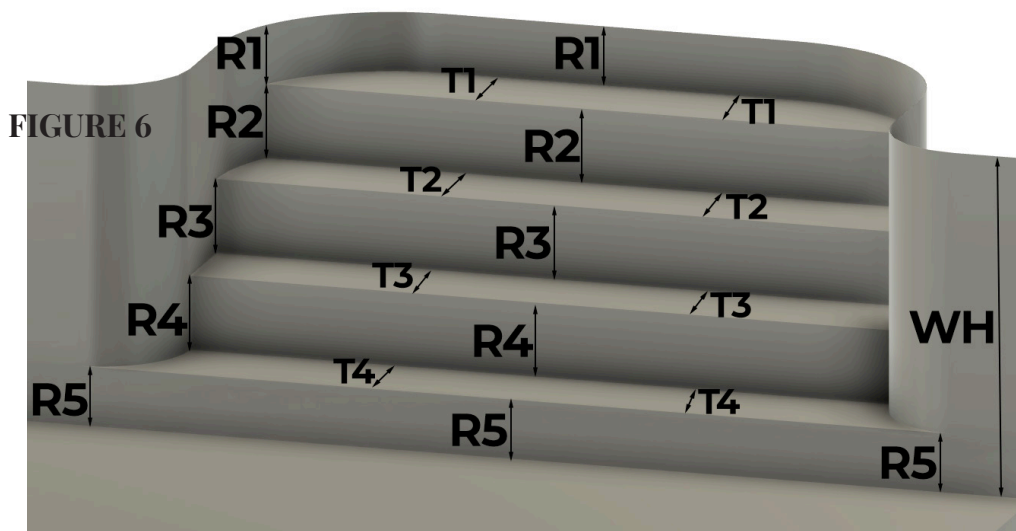


FIGURE 6

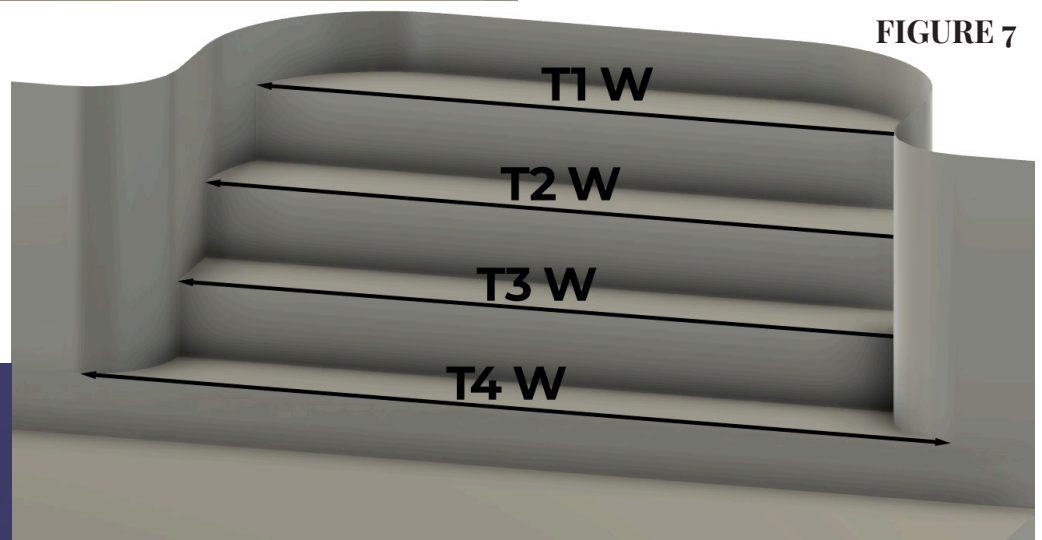
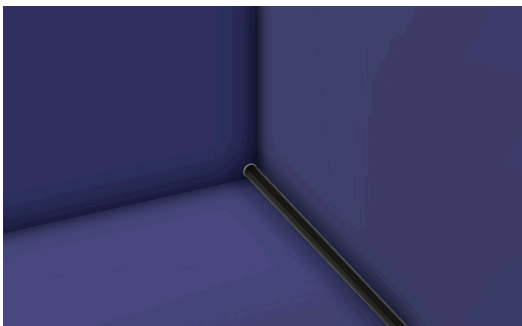


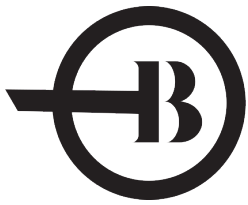
FIGURE 7

FIGURE 8



## STEP #6: IDENTIFY IF ROD POCKETS ARE NEEDED.

Rod pockets are welded onto the back of the steps for pool builders who use rods to secure steps into place. See FIGURE 8.



# BRANDED MANUFACTURING

B R A N D E D M F G . C O M

## MEASURING FORM - EXTERNAL IN-GROUND VINYL STEPS

COMPANY/NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

PHONE (Cell): \_\_\_\_\_ PHONE (Work): \_\_\_\_\_

FAX: \_\_\_\_\_ EMAIL: \_\_\_\_\_

### A BACK CORNERS (follow procedures from Step 4)

- Square (90°)
- Cut (Diagonal) Size: \_\_\_\_\_
- Radius (Rounded) Size: \_\_\_\_\_

### B RECESS CORNERS

- Square (90°)
- Cut (Diagonal) Size: \_\_\_\_\_
- Radius (Rounded) Size: \_\_\_\_\_

### C STEP LOCATION

Measure X and Y from the squared corners.  
CHECK THE LOCATION BOX to the right.

X: \_\_\_\_\_ ft \_\_\_\_\_ in Y: \_\_\_\_\_ ft \_\_\_\_\_ in

### D DEPTH, WIDTH, AND STRAIGHT WALL

Measure the total width and depth of the stairs. Include the depth of the recess.

Width: \_\_\_\_\_ ft \_\_\_\_\_ in Depth: \_\_\_\_\_ ft \_\_\_\_\_ in

Straight Wall: \_\_\_\_\_ ft \_\_\_\_\_ in

### E RISERS AND TREADS

Measure riser heights, tread depths, and tread widths.

R1: \_\_\_\_\_ T1: \_\_\_\_\_

R2: \_\_\_\_\_ T2: \_\_\_\_\_

R3: \_\_\_\_\_ T3: \_\_\_\_\_

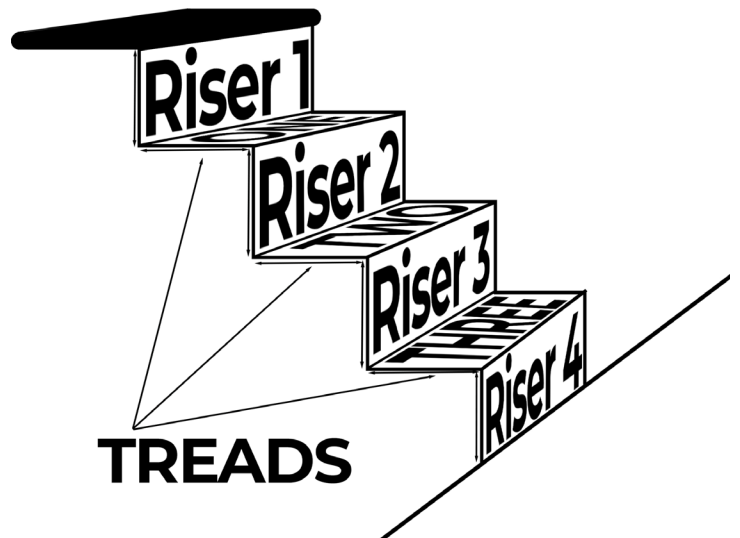
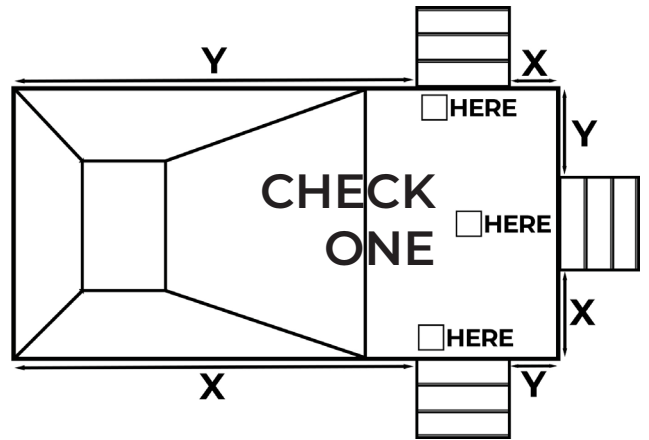
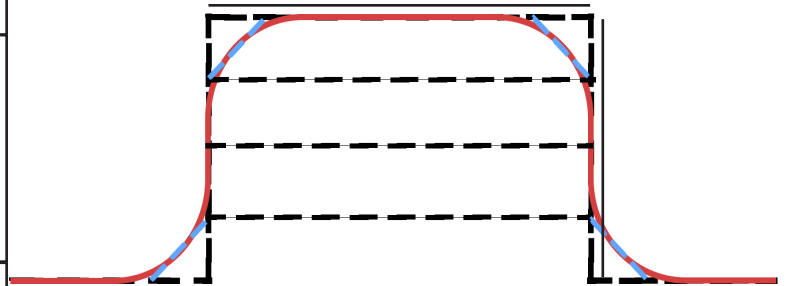
R4: \_\_\_\_\_ T4: \_\_\_\_\_

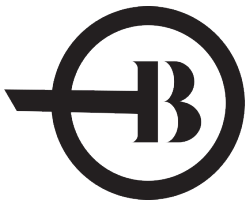
R5: \_\_\_\_\_ T4: \_\_\_\_\_

### F Do you need rod pockets to secure steps?

- Yes  No

### POOL LOCATION ADDRESS (REQUIRED)





# BRANDED MANUFACTURING

B R A N D E D M F G . C O M

## MEASURING FORM - INTERNAL IN-GROUND VINYL STEPS

COMPANY/NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

PHONE (Cell): \_\_\_\_\_ PHONE (Work): \_\_\_\_\_

FAX: \_\_\_\_\_ EMAIL: \_\_\_\_\_

**A STEP STYLE**

Full Width

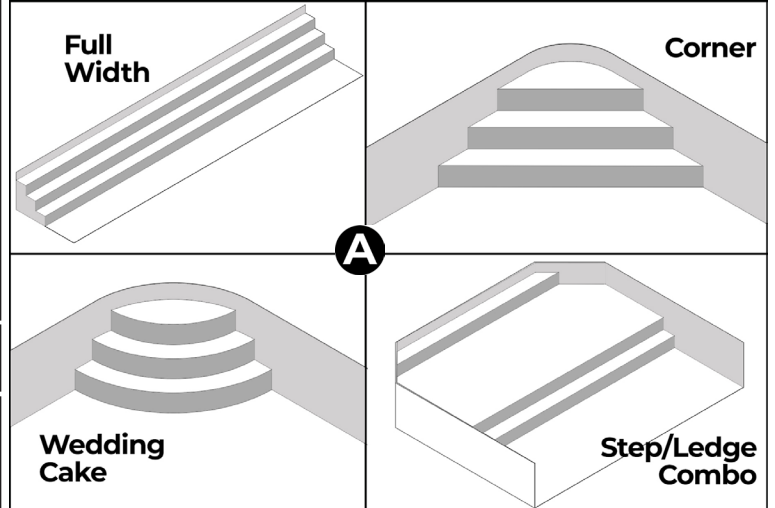
Corner

Wedding Cake

Step/Bench Combo

Specialty/Custom/Other

PLEASE PROVIDE DETAILED MEASUREMENTS AND PICTURES!



**B Indicate where the stairs are located.**

**C RISERS AND TREADS**

Measure riser heights and tread depths.

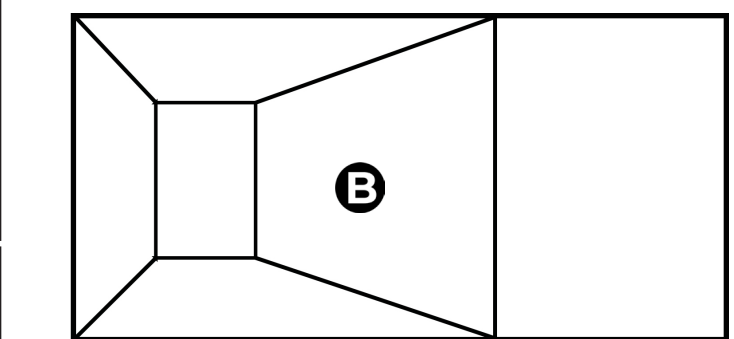
R1: \_\_\_\_\_ T1: \_\_\_\_\_

R2: \_\_\_\_\_ T2: \_\_\_\_\_

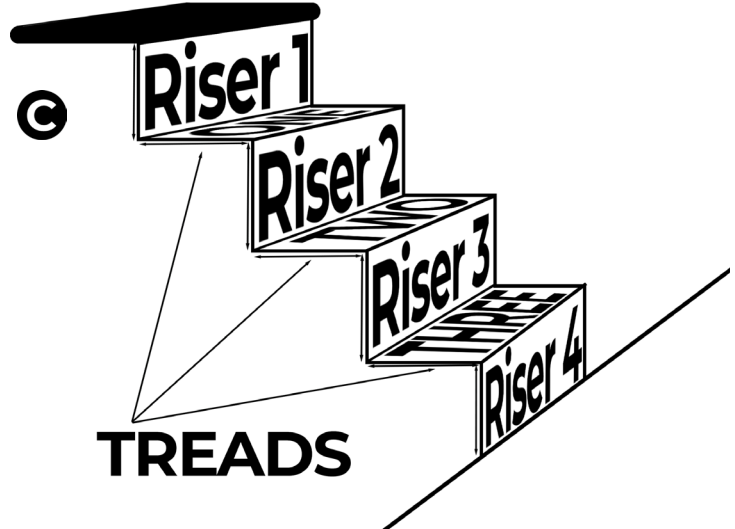
R3: \_\_\_\_\_ T3: \_\_\_\_\_

R4: \_\_\_\_\_ T4: \_\_\_\_\_

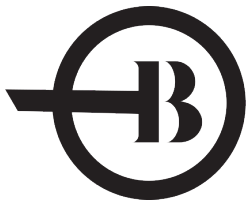
R5: \_\_\_\_\_ T4: \_\_\_\_\_



**D Please add additional information or comments below. Be sure to send pictures to sales@brandedmfg.com with your order!**



POOL LOCATION ADDRESS (REQUIRED)



# BRANDED MANUFACTURING

B R A N D E D M F G . C O M

## MEASURING FORM - VINYL-COVERED BENCHES/LEDGES

COMPANY/NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

PHONE (Cell): \_\_\_\_\_ PHONE (Work): \_\_\_\_\_

FAX: \_\_\_\_\_ EMAIL: \_\_\_\_\_

**A** Measure X and Y from the squared corners. CHECK THE LOCATION BOX to the right.

X: \_\_\_\_\_ ft \_\_\_\_\_ in Y: \_\_\_\_\_ ft \_\_\_\_\_ in

**B** RISERS AND TREADS

Measure riser heights and tread depths.

R1: \_\_\_\_\_ T1: \_\_\_\_\_

R2: \_\_\_\_\_ T2: \_\_\_\_\_

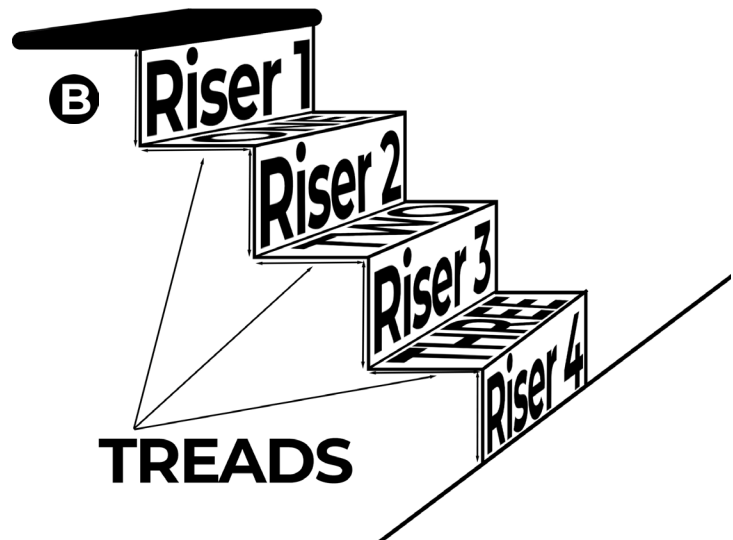
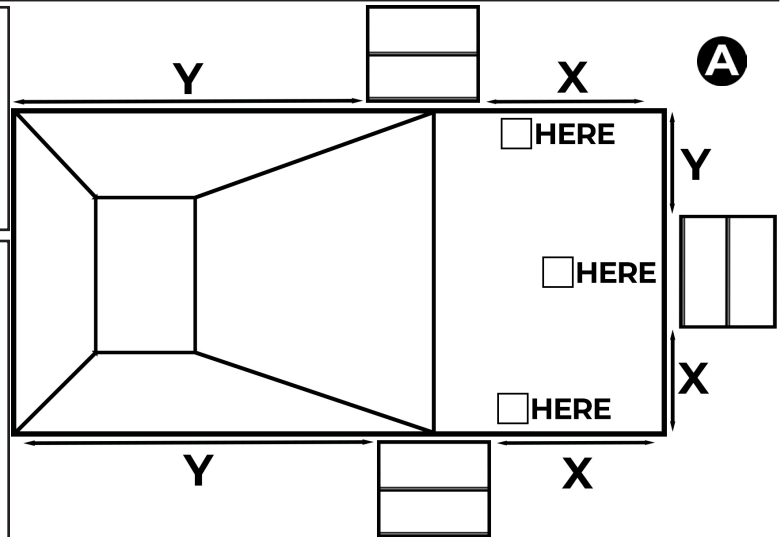
R3: \_\_\_\_\_ T3: \_\_\_\_\_

R4: \_\_\_\_\_ T4: \_\_\_\_\_

R5: \_\_\_\_\_

**C** Please add additional information (such as corner measurements) or comments below. Be sure to send pictures to [sales@brandedmfg.com](mailto:sales@brandedmfg.com) with your order!

POOL LOCATION ADDRESS (REQUIRED)



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