DEPARTMENT OF WATER RESOURCES
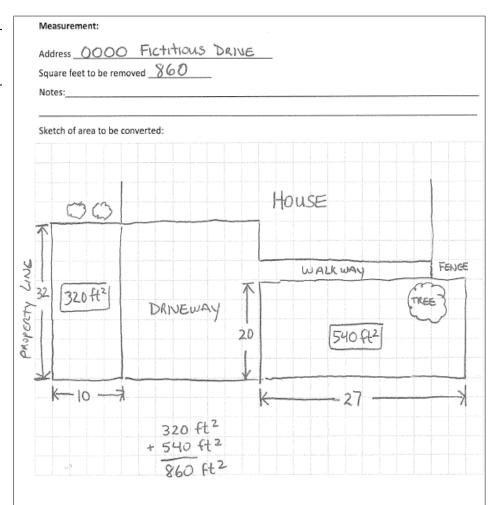**SACRAMENTO COUNTY**
WATER AGENCY

How to Measure Your Project Area

Below is a simple example of what your square footage calculation sketch of the project conversion area, along with measurements, should look like. For more complex calculations, it may be necessary to request assistance from your contractor or landscaper. In some cases, upon request, a representative from the water agency may also be able to offer assistance to ensure accurate measurements.

Steps for Measuring Your Lawn:

1. Utilizing the graph paper provided in the Rebate Application, make a drawing of your project area and the borders of your yard. Write in any descriptions of nearby items such as driveway, fence, or sidewalk.

2. Divide the project area into easily measured shapes such as rectangles, squares, triangles, and circles. A list of formulas to calculate the square feet of these shapes is on the reverse side of this page.

3. Using a tape measure or measuring wheel, take the necessary measurements to calculate the square footage of each shape in your yard. Add together the square footage of each shape for total square footage.
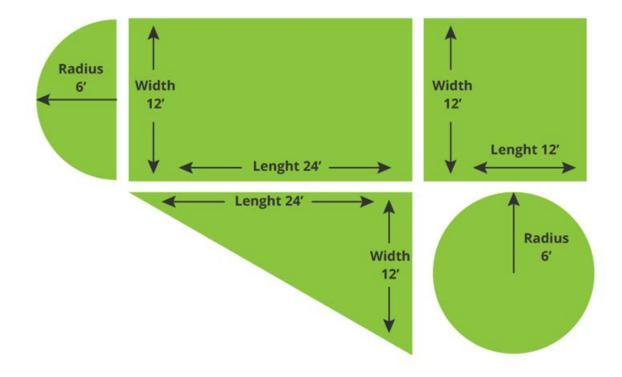
Measurement:

Address ___OOOO   FICTITIOUS DRIVE___

Square feet to be removed ___860___

Notes:_____

_____

Sketch of area to be converted:

$$320 \text{ ft}^2$$
$$+ \ 540 \text{ ft}^2$$
$$860 \text{ ft}^2$$

Note: Accuracy in footage is very important. We cannot increase your footage after your project has been approved, so please strive to provide as accurate information as possible in your application. Please note that the program may review your requested footage and reduce the project area if a discrepancy is noted. A site visit may be also warranted if a discrepancy is noted.

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Helpful Formulas to Calculate Square Footage

There are many online area calculator tools that will calculate the square footage of common shapes after you enter in the required measurements. Squares, rectangles, triangles, and circles will be the most common shapes in your yard. Examples of square footage calculations of common shapes are below. If you have more unusual shapes, you can find out how to calculate their square footage using different websites, or by further dividing the shapes into the more common shapes.

Sample square footage calculations:

Shape	Area Formula	Sample
Semi-Circle:	$(\pi r^2)/2$	$(3.14 \times 6 \times 6) \div 2 = 56.5$ sq. ft.
Rectangle:	L x W	$24 \times 12 = 288$ sq. ft.
Square:	L x W	$12 \times 12 = 144$ sq. ft.
Triangle:	(B x H)/2	$(12 \times 24) \div 2 = 144$ sq. ft.
Circle:	πr^2	$3.14 \times 6 \times 6 = 113$ sq. ft.

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