

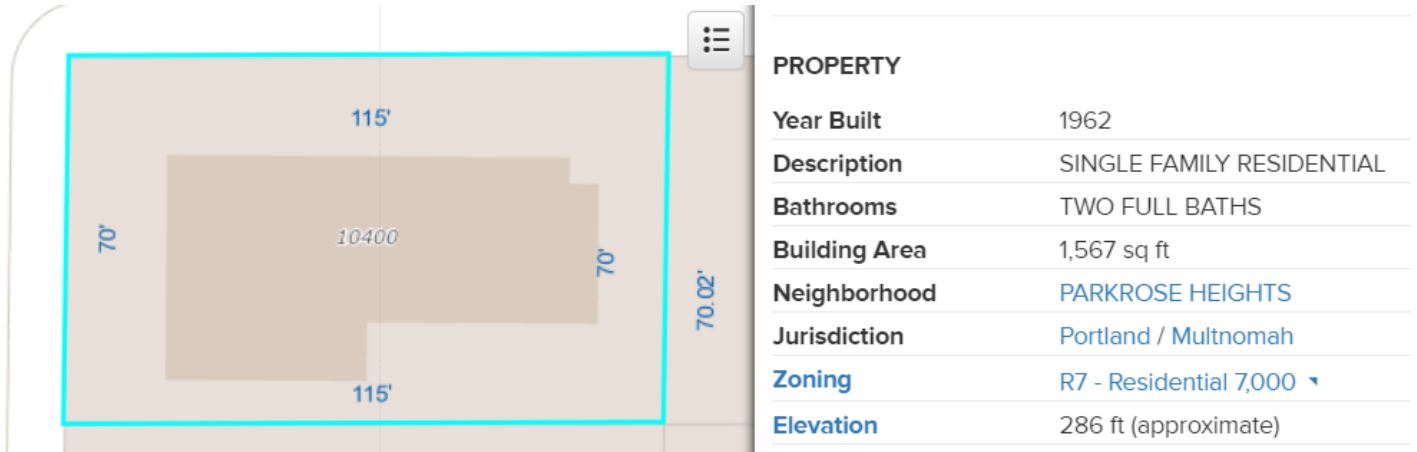
# Calculating Percentage Naturescaped

To calculate the percentage of a yard that has been naturescaped, you will need 2 numbers:

1. the total area of the property that can be planted (the plantable area);
2. the total area of the property already planted with Portland Plant List species (the naturescaped area);

## 1. Plantable Area

The property's plantable area has already been calculated by the Habitat Technician, and can be found on the site report. They found the total lot size using online mapping tools and subtracted the building(s) area from that.

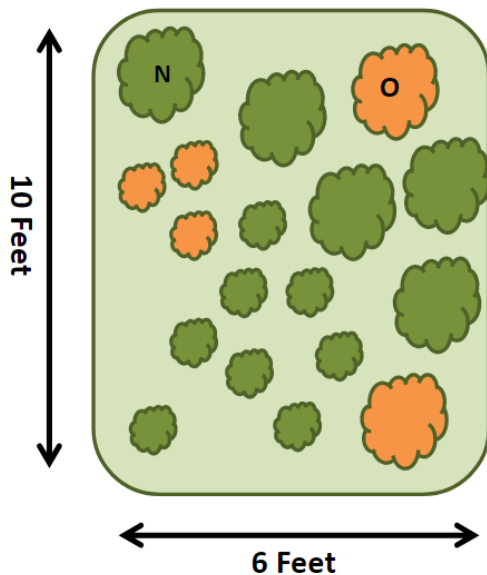


In the example above, the lot size is 8,050 (115' x 70') and the building size is 1,567, for a total plantable area of 6,483 square feet (8,050 - 1,567).

## 2. Naturescaped Area

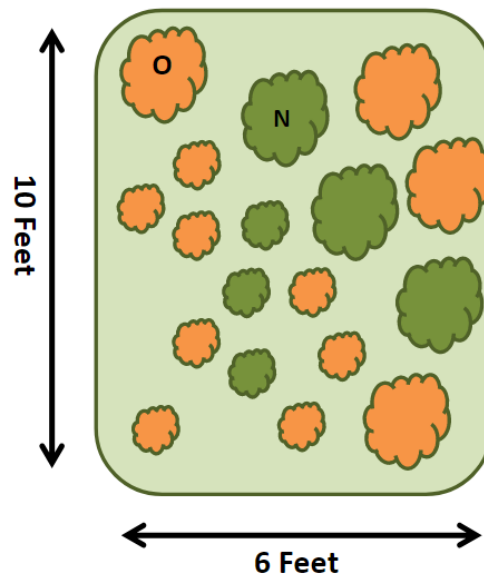
Most yards have ornamental/non-native/cultivar plants mixed in with native species. The drawings below provide guidance on how to calculate your naturescaped area based on how much native species you have in relation to other plants.

1. Bed is mostly (>50%) Native Plants



Naturescaped area = 60ft<sup>2</sup>

2. Bed has some native but mostly ornamental plants



Naturescaped area  
= Total area/2 = 30ft<sup>2</sup>

The naturescaped area is calculated by measuring the planted area and multiplying its length by its width. In the drawings above, the length is 10 feet while the width is 6 feet. The total area is 60 square feet ( 10 x 6 ).

$$\text{Length} \times \text{Width} = \text{Area in square feet}$$

For yards with multiple planted areas, calculate the square footage of each area and sum them. Example: If both drawings above were on the same property, the total naturescaped area would be 90 square feet (left + right images = 60 + 30 square feet).

$$\text{Area 1} + \text{Area 2} + \text{Area 3} = \text{Total Naturescaped Area}$$

### Percentage Naturescaped

This is the easy part. The formula to calculate the Percentage Naturescaped is

$$\frac{\text{Naturescaped Area}}{\text{Plantable Area}} \times 100$$

Using the numbers from the examples above, this would be the result: 60 x 100 / 6,483 = 1% (0.92%)