

Eco-Factor Worksheet

Eco-Factor Worksheet

Project title:		Planting Area								
Design Elements		1	2	3	4	5	6	7		
	Measurement	Step 1. Enter all values for Eco-Factor design elements here. Values entered here will automatically populate the Score Sheet. Step 2. Go to the Score Sheet and enter the size of the development site. Step 3. Check the Score to make sure your project meets the minimum Score for the designated zone. *Totals on the Eco-Factor Scoresheet will calculate automatically							Total	Score sheet quick reference
1.a	square feet								0	Planted areas with a soil depth of 24 inches or more.
1.b	square feet								0	Bioretention facilities
2.a	square feet								0	Groundcovers, grasses, or other plants less than 2 feet tall at maturity.
2.b	# of plants								0	Medium shrubs or other perennials at least 2 feet tall, but not less than 4 feet tall, at maturity.
2.c	# of plants								0	Large shrubs or other perennials at least 4 feet tall at maturity.
2.d	# of trees								0	Small trees (canopy spread of 8' to 15').
2.e	# of trees								0	Small/Medium trees (canopy spread of 16 feet to 20 feet).
2.f	# of trees								0	Medium/large trees (canopy spread of 21 feet to 25 feet).
2.g	# of trees								0	Large trees (canopy spread of 26 feet or more).
2.h	Inches DBH*								0	*Preservation of existing trees at least 6" in diameter breast height (DBH) measured 4.5 feet above the ground.
3.a	square feet								0	Planted over 2 inches to 4 inches of growth medium.
3.b	square feet								0	Planted over 4 inches to 8 inches of growth medium.
3.c	square feet								0	Planted over at least 8 inches of growth medium.
4.a	square feet								0	Vegetated walls (maximum 500 square feet)
5.a	square feet								0	Installed over at least 6 inches and less than 24 inches of soil and/or gravel.
5.b	square feet								0	Installed over at least 24 inches of soil and/or gravel.
6	square feet								0	Structural soil
7.a	square feet								0	Landscaping that consists entirely of drought-tolerant or native plant species.
7.b	square feet								0	Landscaping that receives at least 50 percent of its irrigation through the use of harvested rainwater.
7.c	square feet								0	Landscaping visible from adjacent rights-of-way or public open space.
7.d	square feet								0	Landscaping in food cultivation.
7.e	square feet								0	Spaces that support sitting or small group gatherings.
7.f	square feet								0	Landscaping requested by the community through the public outreach process.
7.g	square feet								0	Landscape that incorporates an educational component, such as signage, displays, or interactive exhibits.

PROJECT TITLE:

Enter Sq ft of Parcel*

Parcel Size

SCORE #DIV/0!

Design Elements**

Totals auto-calculate from Multiplier Total Eco-Factor worksheet

1 Planted areas

- a. Planted areas with a soil depth of of 24 inches or more. square feet 0.6 0
- b. Bioretention facilities square feet 1 0

2 Plantings

- a. Groundcovers, grasses or other plants less than 2 feet tall at maturity square feet 0.1 0
- b. Medium shrubs or other perennials 2'-4' tall at maturity - calculated at 9 sq ft per plant (typically 24" on center) plants 0 0.3 0
- c. Large shrubs or other perennials at least 4'+ at maturity- calculated at 36 sq ft per plant (typically 24" on center) plants 0 0.3 0
- d. Small trees
Tree canopy for "Small Trees" or equivalent (canopy spread of 8' to 15') - calculated at 75 sq ft per tree trees 0 0.3 0
- e. Small/Medium Trees
Tree canopy for "Small/Medium trees" or equivalent (Canopy spread of 8' to 15') -calculated at 150 sf per tree trees 0 0.5 0
- f. Medium/Large Trees
Tree canopy for "Medium/Large Trees" or equivalent (canopy spread of 21' to 25') -Calculated at 250 sq ft per tree trees 0 0.7 0
- g. Large Trees
Tree canopy for "Large Trees" or equivalent (canopy spread of 26' or more) -calculated at 350 sq ft per tree trees 0 0.9 0
- h. Preserved Trees
Tree canopy for preservation of existing trees with trunks 6" 4.5' above the ground - calculated at 20 sq ft per inch diameter inches 0 1 0

3 Green roofs

- a. Green roofs over at least 2" and less than 4" of growth medium square feet 0.4 0
- b. Green roofs 4"-8" of growth medium 0.6 0

* Do not count public rights-of-way in parcel size calculation

**You may count landscape improvements in rights-of-way contiguous with the parcel.

	square feet		
c. Green roofs 8"+ of growth medium	0	0.8	0
	square feet		
4 Vegetated walls Maximum 500 square feet	0	0.4	0
	square feet		
5 Permeable paving			
a. Permeable paving over at least 6" and less than 24" of soil or gravel	0	0.2	0
	square feet		
b. Permeable paving over at least 24" of soil or gravel	0	0.5	0
	square feet		
6 Structural Soil	0	0.5	0
	square feet		
<i>sub total of sq ft=</i>			
	0		
7 Bonuses			
a. Landscaping that consists entirely of drought-tolerant and/or native species	0	0.1	0
	square feet		
b. Landscaped areas where at least 50% of annual irrigation needs are met through the use of harvested rainwater	0	0.2	0
	square feet		
c. landscaping visible from adjacent public right-of-way or public open spaces	0	0.2	0
	square feet		
d. Landscaping in food cultivation	0	0.1	0
	square feet		
e. Spaces that support sitting or small gatherings	0	0.2	0
	square feet		
f. Landscape requested by the community through the public outreach process	0	0.2	0
	square feet		
g. Landscape that incorporates an educational component, such as signage, displays, or interactive exhibits	0	0.2	0
	square feet		
Eco-Factor Numerator=			
	0		

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**You may count landscape improvements in rights-of-way contiguous with the parcel.