

SUSTAINABILITY FEATURES & INITIATIVES

We're excited to see your proposal move forward in the near future, and we want to ensure that you include sustainable features to benefit the surrounding community. Given the size and scope of your development, we ask that you meet or exceed the following number of points' worth of sustainability initiatives:

- For developments with **fewer than ten units**, a minimum of **20 points** is required.
- For developments with **ten or more units**, a minimum of **50 points** is required.

ONSITE RENEWABLE ENERGY 20 POINTS

REQUIREMENTS

Solar power, geothermal power, wind power, and/or combined heat and power (CHP).

DOCUMENTATION NEEDED

Blueprints, plans, or a description of the renewable energy features that will be added to the building.

FOR MORE INFORMATION

[City of Chicago : Energy Efficiency and Renewable Energy](#)

GREEN ROOFS 20 POINTS

A green roof is a conventional roof that is covered with a layer of vegetation. There are multiple benefits to green roofs, including: absorbing stormwater that would otherwise drain into the City's overburdened combined sewer system; lowering urban temperatures, thereby helping to reduce the City's urban heat-island effect; supplying habitats for wildlife; providing additional insulation; and lengthening the life of the roof's membrane.

REQUIREMENTS

50-100% of the building's net roof area must be covered with vegetation. (Net roof area is defined as the gross roof square footage area, minus the square footage of area used for mechanicals, maintenance pathways, window washing systems, swimming pools, and skylights.)

DOCUMENTATION NEEDED

A plan illustrating where the vegetation will be located.

FOR MORE INFORMATION

GreenRoofs.com

CONSTRUCTION & DEMOLITION WASTE DIVERSION 20 POINTS

REQUIREMENTS

Reuse or recycling of 80% or more of the debris produced on site as part of the project's construction or demolition activities.

DOCUMENTATION NEEDED

A signed letter from the General Contractor, submitted to the Alderman's office, committing to recycling or reusing at least 80% of the project's construction and demolition debris.

FOR MORE INFORMATION

[City of Chicago: Construction and Demolition Debris Recycling](#)

[City of Chicago: Construction and Demolition Debris Recycling Compliance Form \[PDF\]](#)

EV CHARGING STATIONS 10 POINTS

REQUIREMENTS

One dual Level 2 Electric Vehicle Charging Station installed within the project's site area.

DOCUMENTATION NEEDED

A description of the station and its location verified on the appropriate site plan.

FOR MORE INFORMATION

[U.S. Department of Energy: Developing Infrastructure to Charge Electric Vehicles](#)

SUSTAINABILITY FEATURES & INITIATIVES CONT'D

BICYCLE PARKING – RESIDENTIAL 5 POINTS

REQUIREMENTS

At least one secure, indoor bicycle parking space per residential unit.

DOCUMENTATION NEEDED

The required number of secure, indoor bicycle parking spaces verified on the appropriate project floor/site plan.

BICYCLE PARKING – COMMERCIAL 5 POINTS

REQUIREMENTS

At least five secure, indoor or outdoor bicycle parking spaces.

DOCUMENTATION NEEDED

The required number of spaces verified on the appropriate project floor/site plan.

TREE PLANTING 5 POINTS

The average lifespan of a parkway tree in Chicago is 10 to 15 years. Typically around 300 cubic feet is allocated for urban trees. However, providing more soil volume will extend the life and canopy of a tree.

REQUIREMENTS

A minimum of 500 cubic feet of soil volume per tree, with a minimum depth of 2.5 feet. When planted together, trees can share soil volumes and overlap up to 33% with each tree having a minimum soil volume of 300 cubic feet.

DOCUMENTATION NEEDED

A landscape plan detailing how the criteria have been met.

FOR MORE INFORMATION

[Deeproot: Silva Cell Tree and Stormwater Management System](#)

[Citygreen Urban Landscape Solutions: Soil Vault Systems](#)

WORKING LANDSCAPES 5 POINTS

REQUIREMENTS

At-grade landscaped areas must meet the following criteria for a minimum of five years:

1. The landscape plan must provide at least three of the following plant structure types: trees, shrub, forbs, or graminoides, excluding turf grass.
2. 60% of the species types must be native (straight species or cultivars)

DOCUMENTATION NEEDED

A landscape plan detailing how the criteria have been met.

BIRD PROTECTION (BASIC) 5 POINTS

Chicago Bird Collision monitors and collects data on bird collisions around the Chicago area. Through empirical observation, they have developed a set of criteria common to buildings that experience a high number of migratory bird and insect collisions. These items either aim to minimize collisions or increase the likelihood of survival after a non-fatal collision. Additionally, the lighting criteria listed seeks to reduce the impact of light pollution on nocturnal migrating animals.

REQUIREMENTS

Achieve compliance on the [Bird-friendly Design Sustainability Requirements \[PDF\]](#), available on the Chicago Bird Collision Monitors (CBCM) website.

DOCUMENTATION NEEDED

A Building Collision Threat Rating calculation for building façades (Compliance Option A in the above PDF), or a signed letter from the General Contractor committing to protect glass, lighting, and exterior features as described in Compliance Option B in the above PDF.

FOR MORE INFORMATION

[American Bird Conservancy: Glass Collisions: Preventing Bird Window Strikes](#)

47TH WARD SUSTAINABILITY MATRIX

Please place a check mark for each feature or initiative that will be included in your development. Points will be calculated automatically. For developments with **fewer than ten units, a minimum of 20 points is required.** For developments with **ten or more units, a minimum of 50 points is required.**

PROJECT NAME	
PROJECT ADDRESS	
APPLICANT NAME & CONTACT INFORMATION	
ONSITE RENEWABLE ENERGY: 20 POINTS Include blueprints, plans, or a description of the renewable energy features to be added.	
GREEN ROOF: 20 POINTS Include a plan illustrating where the vegetation will be located.	
CONSTRUCTION & DEMOLITION WASTE DIVERSION: 20 POINTS Include a signed letter from the General Contractor committing to recycling or reusing at least 80% of the project's construction and demolition debris.	
EV CHARGING STATIONS: 10 POINTS Include a description of the station and its location verified on the site plan.	
BICYCLE PARKING – RESIDENTIAL: 5 POINTS Include the required number of spaces verified on the project floor/site plan.	
BICYCLE PARKING – COMMERCIAL: 5 POINTS Include the required number of spaces verified on the project floor/site plan.	
TREE PLANTING: 5 POINTS Include a landscape plan detailing how the criteria have been met.	
WORKING LANDSCAPES: 5 POINTS Include a landscape plan detailing how the criteria have been met.	
BIRD PROTECTION (BASIC): 5 POINTS Include a Building Collision Threat Rating calculation or a signed letter from the General Contractor committing to protect glass, lighting, and exterior features.	
TOTAL POINTS	

Questions? Call Josh at the 47th Ward Office at (773) 868-4747. **This form and required documentation can be submitted with the 47th Ward Zoning Information Form or separately, by mail to the 47th Ward Office at the address above or via email to josh@aldermanmartin.com.**