

Submit this form with the building plans for any new building of 25,000 square feet or more in gross floor area (GFA) or any addition of 50,000 square feet or more in GFA. For smaller additions, use the "Existing Buildings" form available at www.denvergov.org/greenroofs.

Record number: _____

I. Project Description

- New building \geq 25,000 ft² of GFA Addition \geq 50,000 ft² of GFA

Address: _____

II. Cool Roof Requirement

Submittal requirements for cool roofs and character-defining roofs are listed in the Rules and Regulations at www.denvergov.org/greenroofs. Include this documentation with your permit application to ensure a timely start to your review.

- Low-sloped roof (slopes less than 2:12) Steep-sloped roof (slopes 2:12 or steeper)

Roof material(s) and manufacturer(s): _____

Initial solar reflectance: _____ Solar reflectance at three years (or N/A if unknown): _____

Initial solar reflectance index (SRI): _____ SRI at three years (or N/A if unknown): _____

III. Compliance Options

- Exempt.** This project is exempt from choosing a compliance option because it is a residential building with five or fewer stories and is under 62.5 feet in height. Skip the rest of Section III: Compliance Options.

Select which compliance option (A - I) will apply to this project. For the selected option, cross-reference the submittal requirements listed in the Rules and Regulations on the green roofs webpage and include that documentation with your plans.

Gross floor area (GFA): _____

Total roof area: _____

Gross Floor Area (GFA):
Calculate GFA the same as under the building code, minus any area used exclusively to park or store vehicles. For additions, only include the GFA of the addition.

Total Roof Area:
The square footage of all roofs and roof sections on a building. Do not include roofs covering stories below grade.

- A. **Green space** amounting to at least (choose one):
- 10% of the building or addition's GFA,
 - 60% of the total roof area, or
 - All *available* roof area.
- B. **Solar panels** located on the building or zone lot amounting to at least (choose one):
- 70% of the total roof area, or
 - An amount capable of generating 100% of the building or addition's estimated average annual electricity use, or



- Other renewable energy devices providing similar generation capacity.

C. **Net-zero-energy** building

D. Purchase of **off-site renewable energy** from Xcel Energy's Solar*Rewards Community®. The minimum contract term is five years, which must be renewed for the life of the building. Choose one:

- This renewable energy will provide 100% of the building/addition's estimated average annual electricity use.
- Or, this renewable energy will provide the same amount of electricity that would have been provided with onsite solar panels AND this structure is designed to use less energy, as measured by an estimated energy cost savings of at least 6% above building code requirements.

E. This building/addition is designed to use less energy, as measured by an estimated **energy cost savings of at least 12%** above building code requirements.

F. **Green building certification**, e.g., LEED Gold, Enterprise Green Communities, National Green Building Standard (NGBS) Gold, or an equivalent program: _____

G. This building is **part of a campus** that has already submitted plans to comply with the Green Buildings Ordinance. Project record number (e.g., Project Master, SDP, Energy Master Plan): _____

H. A **combination** of green space and another compliance option. Green space amounting to at least (choose one):

- 3% of the building or addition's GFA,
- 18% of the total roof area, or
- All *available* roof area.

And one of the following four options:

- i. Solar panels in an amount listed below or other renewable energy devices generating energy equivalent to solar panels if provided in an amount listed below (choose one):
 - 7% of the building or addition's GFA,
 - 42% of the total roof area, or
 - All *available* roof area.
- ii. Use of off-site renewable energy from Xcel Energy's Solar*Rewards Community®. The minimum contract term is five years, which must be renewed for the life of the building. Purchased renewable energy must provide the same amount of electricity that would have been provided with onsite solar panels AND the structure must be designed to use less energy, as measured by an estimated energy cost savings of at least 2.5% above building code requirements.
- iii. This building/addition is designed to use less energy, as measured by an estimated energy cost savings of at least 5% above building code requirements.
- iv. An alternative combination of green space and on-site solar panels, with at least 30% of the area being green space, amounting to a total coverage of at least (choose one):
 - 10% of the building or addition's GFA,
 - 60% of the total roof area, or
 - All *available* roof area.



- I. **Payment to the green building fund** of \$50 per square foot of green space required but not provided. Make sure to also select a green space amount from either option A or H. If selecting “all available roof area,” please specify available square footage: _____ ft.²

IV. Signatures and Contact Information

I understand that the cool roof and compliance options selected above will apply to this building for the duration of its existence, according to the Green Buildings Ordinance as set out in Article XIII, Chapter 10 of the Denver Revised Municipal Code.

Applicant name: _____

Relationship to project: _____

Building Owner. Owner signature can be a photocopy, scan, or image saved as a PDF of the original signature.

Owner name: _____ Phone: _____ Date: _____

Owner signature: _____ Email: _____

Designee. Several compliance options (e.g., net zero, purchasing off-site renewable energy, green building certifications, campuses) will require reporting and follow-up after the building is complete. If not the property owner, who will be the primary contact for confirming the building’s continued participation?

Name and position: _____

Email: _____

Phone: _____