

# RIVERSMART ROOFTOPS



## Program Guidance and Forms

# RiverSmart

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## Rooftops

# Overview

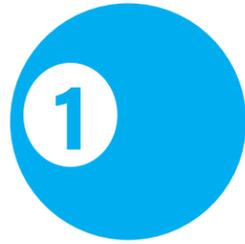
## **FUNDING ALERT: DOEE NOW ACCEPTING RIVERSMART ROOFTOPS APPLICATIONS**

RiverSmart Rooftops is the District of Columbia’s signature green roof incentive program.

“Green roofs are a key technology for the District as we work toward our Sustainable DC goal to be the greenest, healthiest, most livable city in the nation, and I’m proud that our RiverSmart Rooftops program has helped make one million of the three million square feet of green roof in the District possible.” Tommy Wells, DOEE Director

RiverSmart Rooftops promotes voluntary installations of green roofs in the District. Participating property owners receive a rebate for eligible and qualified projects from the Department of Energy and Environment through an administrative agent. Funding is on a first-come, first-served basis. Follow the steps outlined in this document to participate.

# Overview



# Interest

Welcome to the rebate program!

Begin by recording your interest online to receive a follow up email with Program details and next steps:

<https://doee.dc.gov/page/riversmart-rooftops-program-interest-form>

# Register

## Contact Information

Name

Email

Telephone number

Address

Address of structure for proposed green roof (*Write NA if you are not inquiring about a specific property*).

Approximate size of proposed green roof (*Leave blank if you are not inquiring about a specific property*).

- < 500 sf     500 — 2,000 sf     2,000 — 10,000 sf     > 10,000 sf

Who are you?

- Property Owner
- Agent of an Owner
- Industry Professional
- Government
- Developer
- Student/Researcher
- Other

Is English your primary language?

- Yes
- No

Do you require language translation services?

- Yes
- No

What are you interested in receiving information on? (*Check all that apply*).

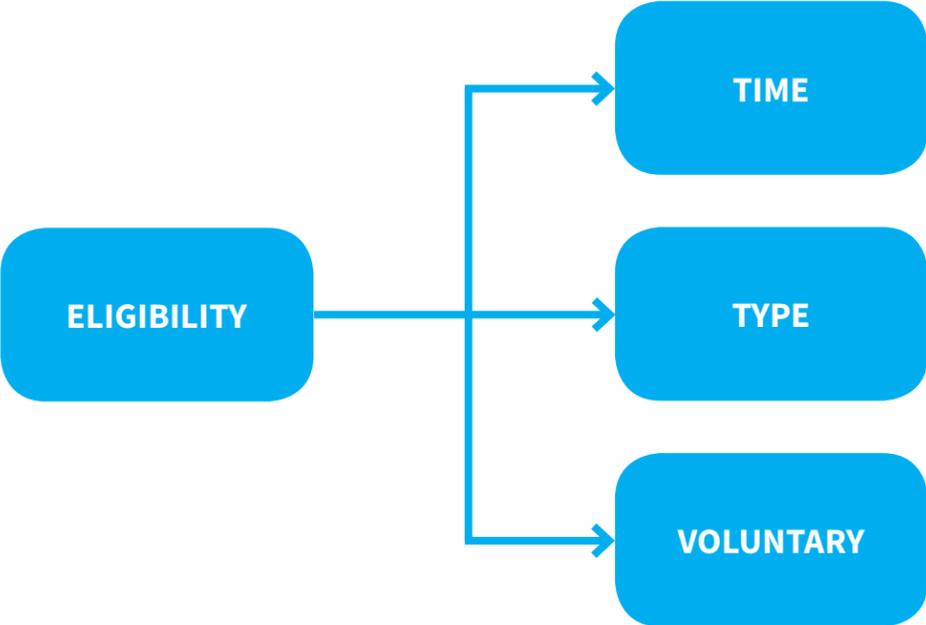
- Green Roof Technology
- RiverSmart Rooftops program
- Property Eligibility

How did you hear about this program?

- DOEE website
- Internet search
- Social media
- Family/Friend/Neighbor
- Existing DOEE program
- Other

# 2

## Is My Project Eligible



An eligible project meets three conditions:

**TIMING.** The proposed green roof cannot be installed.

**TYPE.** The proposed green roof must meet industry standards. It cannot be installed in planter containers. It cannot be used to grow food.

**VOLUNTARY.** The proposed green roof installation must be voluntary. It cannot be used to meet District Stormwater Management or Green Area Ratio (GAR) requirements. If your project has these requirements, it can still be eligible. The planted areas will need to go beyond the regulations.

Visit these links to learn more about GAR and SW Management:

<https://doee.dc.gov/service/green-area-ratio-overview>

<https://doee.dc.gov/node/10372>

# Eligible?

# 2

# Eligibility

District of Columbia property located at:

\_\_\_\_\_

The Program has several entry requirements for participation. Please confirm the proposed project does not conflict with the following:

1. **TIMING:** The proposed green roof is not already installed.
2. **TYPE:** The proposed green roof
  - a. will meet green roof industry standards; and
  - b. will not be in planter containers; and
  - c. will not be used to grow food.
3. **VOLUNTARY:** The proposed green roof
  - a. will be voluntary; and
  - b. will not be installed to meet a Stormwater Management requirement or Green Area Ratio (GAR) requirement; or
  - c. will exceed its Green Area Ratio, and/or Stormwater Management requirement(s).

Interested owners receive this form.

Return signed with your project description confirming eligibility conditions are met.

## Property Details

Ownership: Municipal/Federal/Embassy/Private? \_\_\_\_\_

Use: Residential, Commercial, Institutional? \_\_\_\_\_

Construction: New, Renovation, Existing (green roof only)? \_\_\_\_\_

Size: Proposed Green Roof Area (dimension or total square feet): \_\_\_\_\_

## Access

Is the proposed green roof publicly accessible? \_\_\_\_\_

*If not,*

Explain how the green roof be accessed to verify installation? \_\_\_\_\_

Explain how the green roof be accessed for maintenance? \_\_\_\_\_

## Tell us about the proposed green roof project.

What are your motivations and goals? Where are you in the process: early investigation, working with a green roofer, permitting, ready to install? Do you have any concerns?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Signature

Property Owner's Signature \_\_\_\_\_

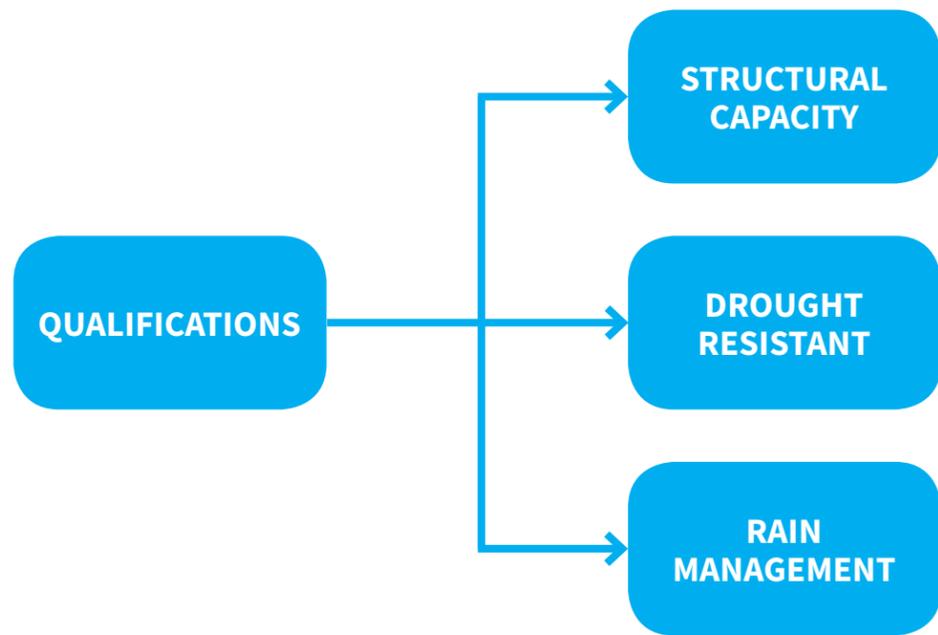
Property Owner's Printed Name \_\_\_\_\_

Title, Organization \_\_\_\_\_

Date \_\_\_\_\_

# 3

## Application



Once eligibility is confirmed meet the three design qualifications:

- The Structure can safely support the additional weight of the green roof system.
- The growing media can support plants during drought without permanent irrigation.
- The system will manage enough rain to prevent runoff during annual events (1.2”).

# Qualifications

# Supporting

## Documents

Keep your Application active by submitting your documentation frequently.

### Forms

- Signed Application
- RiverSmart Rewards Opt-in

### Structural

- Photographs Existing Conditions (must be prior to green roof)
- Structural Sufficiency

### Budget

- Budget: Contractor Fee Proposals and Owner Gap Funding Plan
- System Warranty
- Maintenance Contractor Agreement and Owner Commitment

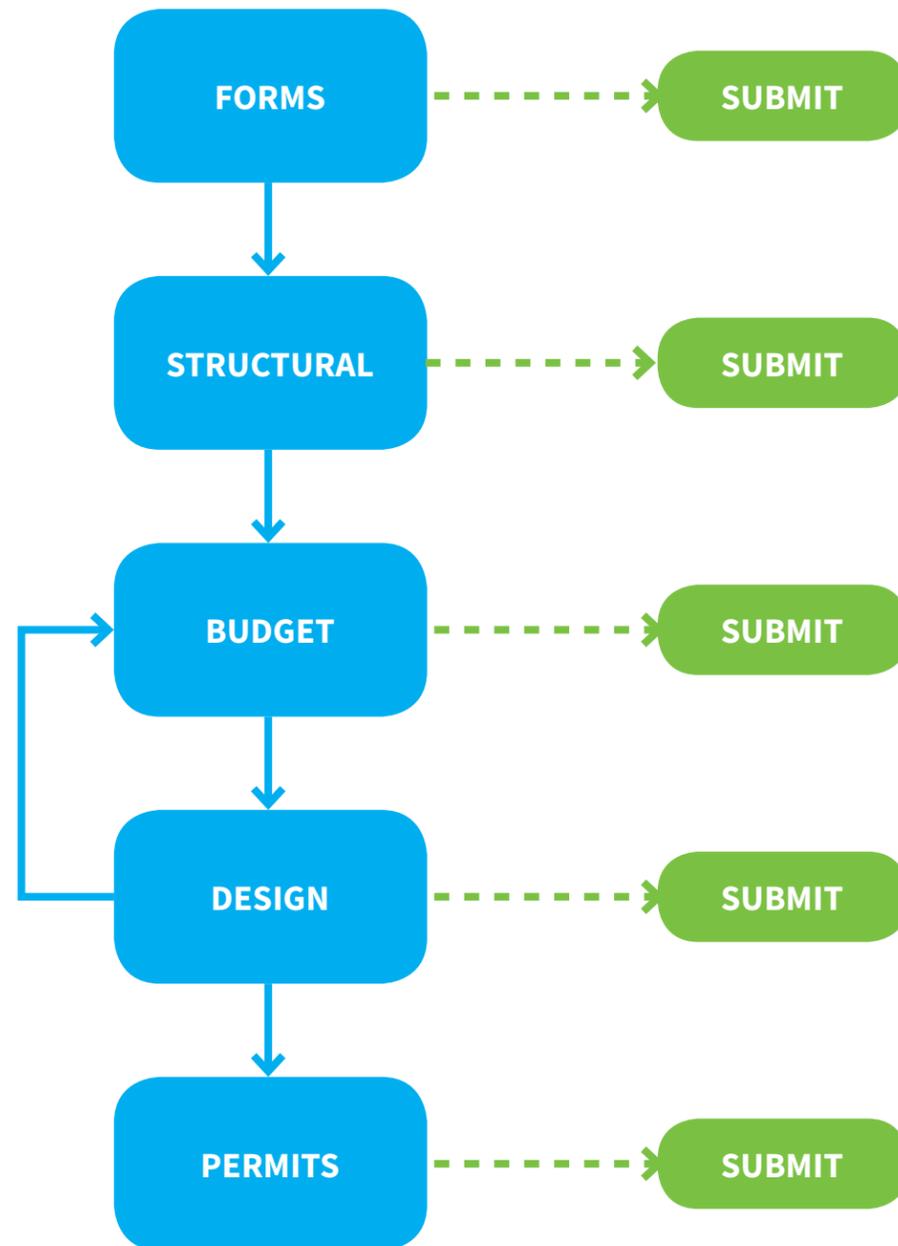
### Design

- Construction Documents: Material specifications + Plan Drawings

### Permits

- DCRA permits

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# Obligations

## What are my

### OBLIGATIONS IF I RECEIVE RIVERSMART ROOFTOP FUNDING?

#### PRIOR TO FUNDING:

##### *Gap Funding*

**GAP FUNDING PLAN.** The difference between contractor fee estimates and the rebate is the project cost share. Participants must have a plan to secure these funds. The Gap Plan can be either “funds in hand” or a “financing plan”. The rebate contract cannot be executed without this plan.

##### *Design, Installation and Maintenance*

**STRUCTURAL.** The determination of the structural capacity of the supporting building and all structural work required to ensure the green roof Project’s safety and long-term success.

**STANDARDS.** The roof design must follow standard industry practices.

**ARCHITECTURAL.** The Project is architecturally suitable and complies with community reviews standards including Historic Review, Commission of Fine Arts, and/or others.

**PERMITTING.** Identifying and obtaining all building permits through the District of Columbia’s Department of Consumer and Regulatory Affairs (DCRA) <https://dcra.dc.gov/permit%3Donline-services>.

Participants are expected to fulfill a number of obligations, both before receiving funding and on an ongoing basis after the project is constructed.

#### ONGOING RESPONSIBILITIES AFTER CONSTRUCTION:

##### *Administrative Elements*

**SIGNAGE.** On-site informational signage is required for Commercial and Institutional locations. Participants can select from several Program signage options. Signage should be installed when the project is verified. Allow a minimum of two (2) weeks prior to scheduling verification for sign production.

**VERIFICATION.** Notify Designgreen within ten days of Project completion to schedule an inspection. Provide access for DOEE and Designgreen to inspect the Project upon completion, and periodically, to evaluate on-going maintenance.

**PROMOTION.** DOEE and Designgreen reserve the right to hold a ribbon cutting event within six (6) months of project completion at Commercial and Institutional locations. DOEE and Designgreen reserve the right to use the Project for educational and outreach efforts and to promote the Program. Participants agree to allow site access for promotional events and periodic scheduled tours of the installation by the Department of Energy and Environment and Designgreen.

**ACKNOWLEDGMENT.** Property Owners, their Assigns, and their Agents agrees in any press releases, signage, articles, social media and other promotional materials to identify partial funding received through the RiverSmart Rooftops program as provided by the District of Columbia’s Department of Energy and Environment and administered by Designgreen, LLC.

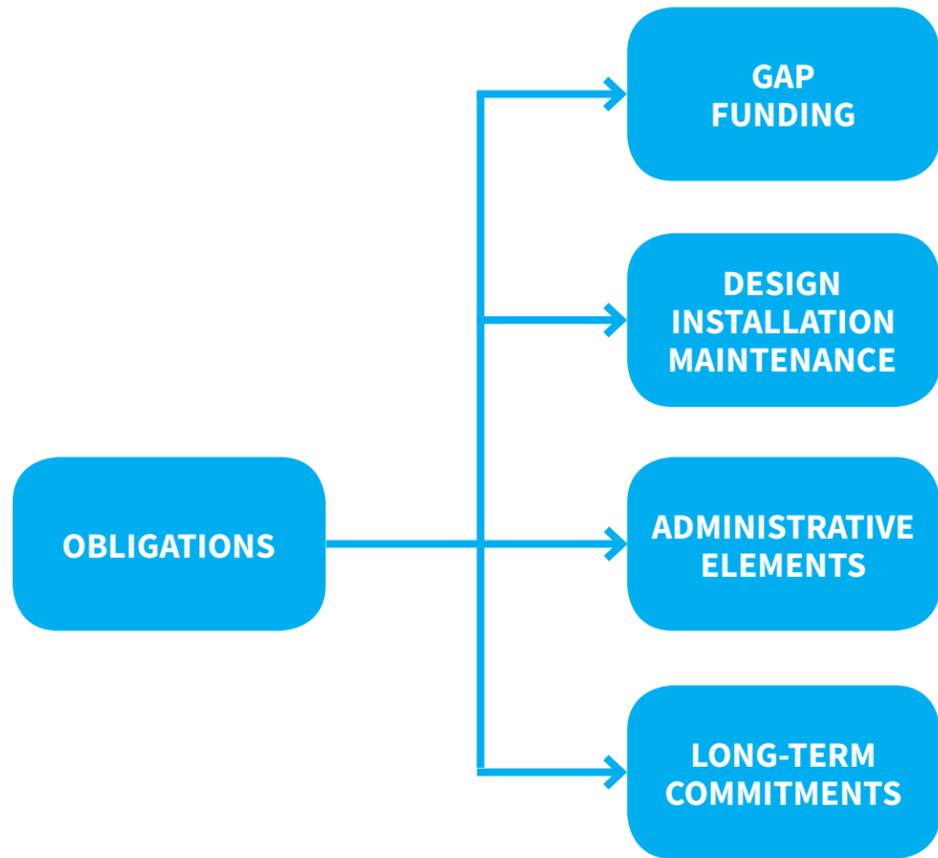
##### *Long-term Commitments*

**MAINTENANCE.** Following a maintenance schedule to ensure 80 percent vegetative coverage.

**WARRANTY.** Obtaining two single or a dual warranty to cover both waterproofing and green roof.

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# Application



If your project is ready to go the application can take a few weeks.

Most Project applications will take 3 – 6 months.

A few Project applications will take several years.

Submit the signed Terms and Conditions form early on and update the Program Administrator often.

## PROGRAM TERMS AND CONDITIONS

**INTENT.** The program is meant to demonstrate the green roof technology’s feasibility for stormwater management, to improve water quality in the District’s waterways. To encourage the technology’s use on private property incentive funds, in the form of rebates, are provided to property owners for the voluntary installation of approved plant and soil systems, and associated components, over a structure to create a green roof.

**AUTHORITY.** The Program operates under the authority of the of D.C. Law 5-188, Water Pollution Control Act 1984, and Water Research Grant Regulations of 1988.

**ADMINISTRATION.** This Program is funded by the Government of the District of Columbia, through the Department of Energy and Environment and administered by Designgreen, LLC.

**DISCLAIMERS.** This is an incentive program, in most cases there is a significant cost share.

The rebate amount is based on the project location or the actual documented cost, in dollars per vegetated square foot, of only the green roof components of this project as installed, whichever is less.

All rebates are awarded on a first come first serve basis based on a project’s eligibility, its qualification, and the receipt and approval by Designgreen of this completed application with all requested supporting documents.

Program participants (Owners and their Agents) will waive any and all liability for the District of Columbia and Designgreen, LLC, from any and all claims which may result from their participation in this Program.

Return this signed application with all supporting documentation within 90 days. Designgreen will notify of approval or request for additional information within 10 days. Once an Application is approved, the owner has thirty (30) days to sign a Rebate Contract.

I have read and understood this agreement. As a voluntary participant, I agree to meet the terms and conditions of the RiverSmart Rooftop Program as outline in this document and program materials. For the opportunity to participate in the RiverSmart Rooftops program, I acknowledge meeting these requirements and providing all listed supporting documents is required prior to the execution of the green roof rebate Contract. With this signature, I re-confirm the project information attested to in the Eligibility Form remains unchanged.

Applicant’s Signature \_\_\_\_\_

Applicant’s Printed Name \_\_\_\_\_

Title, Organization \_\_\_\_\_

Date \_\_\_\_\_

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# Design

## Design Considerations

### GREEN ROOF PROFESSIONALS

Be certain your project meets program requirements and qualifies for the rebate.

The project must go [beyond regulations](#).

Design must

demonstrate [structural sufficiency](#).

have a documented [stormwater benefit](#).

meet [industry standards](#).

Make sure the Project Application's supporting documentation includes the following construction drawings and material specifications:

- Type: manufactured system or built-in place approach;
- Cross-section(s) of proposed system(s). If the growing media depth varies, indicate on the plan the minimum and maximum depths and where they occur;
- Manufacturer specifications and data for each green roof component including growing media and drainage/storage layer;
- Manufacturer specifications on the waterproof layer, if new; or
- Note on leak detection testing procedure, if existing;
- Flashing details and/or details around drainage points;
- Note on meeting applicable standards ASTM C981, ASTM C898, ASTM STP 1084;
- Plant list and vegetation location;
- Roof access; and
- Water source for establishment irrigation; or
- Note on watering strategy during establishment (two growing years) and subsequent droughts.

# 3

## Beyond Regulations

The construction documents must demonstrate the project goes beyond regulations. If a portion of the proposed green roof is associated with regulation, then the plan must distinguish between the vegetated areas for the rebate and the areas associated with compliance.

## Structural Sufficiency

A District of Columbia Licensed Structural Professional Engineer submits;

1. A signed report including plans indicating structural sufficiency for a project compliant with all industry standards, or
2. A signed report including plans providing details and necessary reinforcement for a project compliant with all industry standards, or
3. Stamped drawings that are part of a DCRA/DOEE structural and stormwater permitting plan.

## Environmental Benefit

Designgreen will determine the Project's stormwater benefit. To do this, the plan must indicate any nearby roofs, patios, or non-green roof sections areas draining to the proposed vegetation.

The construction documents must demonstrate a growing media depth of three inches or greater. If an innovative material is proposed with a shallower profile, then include material performance documentation for water retention and plant viability. These will be evaluated on a case-by-case basis.

## Industry Standards

The construction plans must document how the design and materials comply with ASTM & ANSI:

Design Standards	
ASTM E2396	Water Permeability: Media
ASTM E2397	Dead and Live Loads
ASTM E2398	Water Capture: Drain Layers
ASTM E2399	Media Density
ASTM E2400	Plants
ANSI/SPRI RP-14	Wind Design
ANSI/SPRI VF-1	Fire Design

# Design



## Permits

ALL District green roofs require a [DCRA permit](#). This application is not a permit substitute.

If the project requires staging in an alley, roadway, parking lanes, or sidewalks you may need a [public space permit](#) as well.

## Long-Term Viability

You will need a [contractor maintenance agreement](#) for the first two years with a maintenance schedule to ensure 80 percent vegetative coverage and a signed property owner maintenance commitment plan.

You will need a [warranty](#) for your investment. Make sure this is included in your contractor's fee proposal. Warranties come packaged as single (water proofing membrane and green roof) or dual (water proofing membrane separate from green roof). Whichever you choose check that all elements are covered.

# Design

# Discounts



## Discounts

### ENROLL YOUR GREEN ROOF IN RIVERSMART REWARDS

Installing a green roof may entitle you to a discount on your Stormwater Fee and the Clean River Impervious Area Charge (CR IAC).

Opt in to RiverSmart Rewards during your application to ensure you get your discount and lower your monthly water bill.

RiverSmart Rooftops: [Rewards--Sign Up for Water Bill Discounts](#)

In addition to your green roof rebate, this project qualifies for utility fee discounts:

District Government’s Stormwater Fee, and

DC Water’s Clean Rivers Impervious Area Charge (CRIAC).

With your approval, your property will be enrolled in the RiverSmart Rewards and Clean Rivers Impervious Area Incentive Programs. Once enrolled, applicants are eligible to receive up to a maximum discount of 55% off the Stormwater Fee and 4% off the CRIAC based on the amount of stormwater captured.

- ✓ Enrollment is quarterly, and
- ✓ You must re-enroll the property every three (3) years to continue receiving the discount.

More information about RiverSmart Rewards can be found at <http://doee.dc.gov/riversmartrewards>.

#### OPT-IN:

To participate in RiverSmart Rewards, \_\_\_\_\_ agrees to:

1. Allow DOEE/Designgreen/Agent to enroll my property in the Stormwater Fee and CRIAC discount programs;
2. Allow DOEE/Designgreen/Agent to inspect the qualifying green roof as part of the discount award process;
3. Maintain the qualifying green roof over the course of the three-year discount period;
4. Inform DOEE if I remove, alter, or stop maintaining the green infrastructure project; and
5. Grant DC Water permission to share information with DOEE/Designgreen/Agent about my water and sewer account.

I understand, that DOEE/Designgreen/Agent will calculate my discount rate for the green roof installed under the RiverSmart Rooftop program; and

I am responsible for submitting a separate RiverSmart Rewards application for any additional green infrastructure practices on this property.

I acknowledge and agree to the Opt-In terms and conditions listed above.

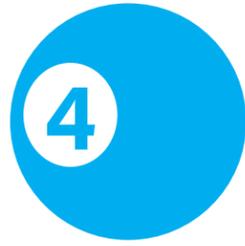
Property Address: \_\_\_\_\_

DC Water Account Number: \_\_\_\_\_

Signature of DC Water account holder: \_\_\_\_\_

Date: \_\_\_\_\_

Contact DOEE for reporting instructions for discount evaluation on existing green infrastructure.



# Sign Contract

**ONCE YOUR APPLICATION IS APPROVED THE FORMAL CONTRACT IS SIGNED**

# Contract

## GENERAL

*This is a contract between Designgreen, LLC (“DG”) and the owner (“the Owner”) of the following address or location: \_\_\_\_\_ (“the Premises”). The Owner is \_\_\_\_\_. DG and the Owner are each a “Party” and together are “the Parties”.*

*The contract is in effect as of the date of the last signature in the “SIGNATURE” area, below (“the Effective Date”). The contract presents the conditions under which DG will pay to the Owner a certain amount of money (“the Rebate”) for a green roof installation conforming to the RiverSmart Rooftops program of the District of Columbia Department of Energy and Environment (“DOEE”) (“the Program”).*

The Project’s Commencement Date is: \_\_\_\_\_ and its required Completion Date is: \_\_\_\_\_.

## BACKGROUND

1. The following conditions govern and support the Rebate.
  - a. The Program provides incentive funds in the form of rebates to property owners for the voluntary installation of approved plant and soil systems, and associated components, over a structure to create a green roof by a DOEE approved installer on a property located within the District of Columbia (“a Qualifying Project”).
  - b. The goals of the Program include preventing and controlling the introduction of stormwater pollution to the District’s waters, treat stormwater runoff, and protect fisheries and wildlife resources. The Program is meant to increase awareness of stormwater.
  - c. Objectives of the Program include demonstrating the green roof technology’s feasibility across a wide range of property types throughout the District and increasing the likelihood that the Program will successfully achieve its purpose.
  - d. Installations made to meet regulatory requirements do not qualify. Voluntarily-made parts of installations may qualify.
  - e. The Owner may receive a Rebate for a project if the preconditions are met.
  - f. The preconditions are:
    - i. Funding for the Project’s Rebate is available to DG from DOEE.
    - ii. DG has approved in writing the project’s application. The application form is attached as Att. 01, setting out existing conditions, structural capacity, architectural suitability, design details, costs, permitting and maintenance agreements and accompanying checklist Att. 02 establishing the submission of all
    - iii. required supporting material. A complete application is called the “Application”. The project described in the Application is called “the Project”.
    - iv. DG’s determination of the Premises’ location in the CSS or MS4, and rebate amount.
  - g. Neither the District of Columbia, nor DOEE, nor DG is acting as an agent, employee, technical consultant or advisor to the Owner.
  - h. The Owner has sole responsibility to:
    - i. Meet the requirements building codes;
    - ii. Secure all permits;
    - iii. Build and maintain safely;
    - iv. Meet all applicable technical standards, including the ANSI and ASTM standards identified in the Application;
    - v. Consult with qualified professionals, as required; and
    - vi. Investigate, understand, and comply with federal and local statutes, codes, regulations and ordinances; and
    - vii. Fund construction.
  - v. The Owner has secured warranties of at least one year on all parts and labor, that include repair or replacement, without charge, to the satisfaction of DG and/or DOEE, or their successors or assigns.
  - vi. The Project has been completed by the Completion Date.
  - vii. The Owner has substantially complied with this contract.
  - viii. Exception: Payment of the 10% Rebate is not subject to the requirement of completion or securing a warranty.
2. DG’s making rebate payments, and making them timely, are subject to the provisions of the District of Columbia and Federal Anti-Deficiency Acts, and the availability of appropriated funds for the Program.
3. DG’s funding, and ability to make rebates, are entirely dependent on DOEE’s providing timely funding.
4. The Project includes DOEE RiverSmart Rooftops signage. [Att. 5]

**PROMISES and WARRANTIES: DG’s promise and warranties**

1. Designgreen, LLC (“DG”) represents and promises:
  - a. DG is a limited liability company located in the District of Columbia (“District”).
  - b. DG is the DOEE grantee charged with administration of the Program.
  - c. The person signing for DG is duly authorized to sign this contract.
  - d. The Premises is rebate eligible as follows:
    - i. The Project is voluntary, in whole or in part.
    - ii. The dollar square foot rebate rate is:
      1. If located within the District’s Combined Sewer System (“CSS”), they are eligible for a rebate at the rate of \$10 per square foot of vegetation covered by the Project;
      2. If located within the District’s Municipal Separate Storm Sewer System (“MS4”), they are eligible for a rebate at the rate of \$15 per square foot of vegetation covered by the Project.
      3. The Rebate is calculated at 100% or a lesser percentage of the applicable rate, as follows:
        4. the Project is 100% voluntary, calculated on 100 percent of its vegetation cover;
        5. the Project is a voluntary expansion of a regulatory obligation, calculated on the percent of the vegetation cover exceeding its regulatory obligation.
    - iii. DG offers rebates only with respect to monies available
- e. DG shall timely determine if the Project qualifies for a rebate.
- f. If DG reasonably determines that the Project qualifies for a rebate, DG shall cause to be paid (“Process”) the Rebate, as follows:
  - i. Process ten percent (10%) of the Rebate upon receipt of a signed copy of this Agreement;
  - ii. Process the balance of the Rebate upon determining that:
    1. the Project has been properly constructed;
    2. the Project has been completed by the Completion Date.
    3. the Owner is likely to cause the Project to be properly maintained; and
    4. the actual, constructed square footage of the Project supports payment of the remaining portion of the Rebate.
    5. the Project structure is considered small, under 2,500 sf, and qualifies for the structural sufficiency cost share [Att. 3];
- g. With respect to a request for extension, DG may, at any time, in the exercise of its discretion, and for good cause shown, grant an extension in the Completion Date. The conditions of force majeure shall meet the requirements of “good cause”.

to it for that purpose from DOEE.

Premises to DOEE in the amount of the Rebate. If the Owner fails to properly maintain the Project for a six-month period DOEE may execute upon the lien to recover the Rebate, or a portion of it. The lien shall expire after five (5) years.

**PROMISES and WARRANTIES: The Owner’s promises and warranties**

1. In return for payment of the Rebate, the Owner represents and promises:
  - a. The information in the Application is true and correct, or has been updated as attached and attested to. The Application is attached (Att. 1).
  - b. The Owner will install the Project as represented in the Application.
  - c. The Owner will do everything reasonable to ensure that the Project is installed according to proper professional and industry practice.
  - d. The Owner will take all reasonable steps to ensure that the Project is maintained according to proper professional and industry practice.
  - e. The person signing for the Owner is the Owner, or has been duly authorized to enter into this Contract by the Owner.
  - f. As a guarantee of continued proper maintenance, and in return for the Rebate, the Owner gives a lien on the
2. The Owner hereby waives, releases and forever discharges and holds harmless DG, its owners, employees, subcontractors, volunteers and agents along with any other person or entity connected with DG from any and all liability, claims, damages and demands of whatever kind or nature arising out of, in connection with, or related in any way to DG’s issuance of the rebate to the Participant or related to the design, permitting, construction, installation, operation or maintenance of the Participant’s green roof.
3. The Owner may, at any time, request one or more-time extensions in the Completion Date. Such a request must be in writing and state the reasons for the request.

4. If, after the completion Date, the Owner has failed to complete the Project, the Owner shall return the amount(s) of Rebate payment received.
5. The Owner shall reimburse DG or the District for the expenses of collecting a Rebate payment received, including attorney fees, if:
  - a. A material statement in the application was false;
  - b. The failure to complete by the Completion Date was reckless or willful.
6. The Owner shall be fully responsible if it, or its contractor

or vendors, disturb work guaranteed under a different District contract or grant.

7. DOEE and DG and are given the right to inspect the Project before and after the Completion Date at reasonable times, with notice. This includes site visits, visual inspection, photography, document review, discussion with persons in employ of the Owner, and nondestruction taking of samples, and discussions with contractors and vendors for the Project. The Owner shall make cooperation with such inspection activity a condition of each contract and purchase of significant materials.

**THIS AGREEMENT**

1. Definitions. Complete the project means complete according to the approved plans.
2. Binding. This Agreement shall be binding upon and inure to the benefit of the Parties and their respective successors and assigns.
3. Legal. This Agreement shall be interpreted under the laws, and in the agencies and courts, of the District of Columbia.
4. Attachments. Attachments are incorporated by reference within this document, and are part of it.

**SIGNATURES.**

**We agree to this contract.**

OWNER

\_\_\_\_\_  
*Owner Signature* \_\_\_\_\_  
 Date

\_\_\_\_\_  
 Owner’s Printed Name \_\_\_\_\_  
 Date

\_\_\_\_\_  
*Owner Signature* \_\_\_\_\_  
 Date

\_\_\_\_\_  
 Owner’s Printed Name \_\_\_\_\_  
 Date

\_\_\_\_\_  
 Title, Organization \_\_\_\_\_  
 Date

DESINGREEN, LLC \_\_\_\_\_  
 Date

Rebecca C. Stack \_\_\_\_\_  
 Principal, Designgreen, LLC \_\_\_\_\_  
 Date



# Get Your Rebates

Rebates are disbursed after the installation is verified, and final supporting documentation is collected including executed warranties, paid receipts, and this form for some small projects.

# Cost Share

## Structural Engineer Rebate Form

Adding a green roof to an existing building requires a Structural Engineer’s assessment of load capacity to ensure a safe, successful outcome. To assist small property owners with this investigation, a cost share of up to two hundred fifty (\$ 250) dollars is available to eligible applicants. You are eligible if:

- The evaluated structure is under 2,500 square feet; and
- The project has an assigned registration number; and
- The assigned registration number is active; and
- The Structural Analysis is performed by Professional Engineer licensed in the District of Columbia; and
- Inadequate structural capacity found, green roof not installed; or
- Green roof is installed.

A rebate for this analysis is not available when adequate structural capacity is identified and the green roof project is not installed for other reasons.

For reimbursement submit the structural report, the service invoice and evidence of your payment with this form. Note, rebates cannot exceed the cost of the services.

File the Structural Engineer rebate payment request at any time, if inadequate structural capacity was identified and the property owner is no longer planning to install a green roof.

If the property owner is installing the green roof, file the Structural Engineer rebate with the request for final payment after the green roof installation is completed and program verified.

## Signature

Applicant’s Signature \_\_\_\_\_

Applicant’s Printed Name \_\_\_\_\_

Title, Organization \_\_\_\_\_

Date \_\_\_\_\_

Assigned Tracking # \_\_\_\_\_

Property Address \_\_\_\_\_

Building Ground Floor Area (square feet) \_\_\_\_\_

# Maintenance

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## Maintenance

### COMMIT TO MAINTAINING YOUR GREEN ROOF

Your green roof is a part of a green vision for a clean, sustainable city. Raindrops supporting plants on your roof are not polluting the river.

Commit to maintaining this investment. As the owner, your stewardship responsibility is the key to the long-term health of your green roof. Make it a priority.

Read the RiverSmart Rooftops Maintenance Brochure and use the checklist schedule. Follow the prescribed routine to watch, water, and weed, and work with a Professional Green Roof Maintenance provider, as needed.

#### Watch

Standing water, weeds, unhealthy plants, or missing plants, are signs your green roof needs extra care. Extensive green roofs require little maintenance after the initial two years. Observe your green roof before acting to learn how to recognize health and ensure a long thriving life. Look for bare spots, stress, damage or disease.

- Inspect drains 1x month
- Look for standing water 1x month
- Inspect flashing and caulk 1x month

#### Water

Water is especially critical to the health of newly planted rooftops in the establishment period-the first three months after installation. Count rainfall as a watering event. You can water your plants by hand or with a hose. Soaker hoses, sprinklers, drip irrigation, and misting systems allow longer watering sessions and increased coverage which may be necessary for large roof areas.

- Water weekly for the first 3 months
- Water sedums 1x month
- Water larger plants 2x month

#### Weed

With a bit of care and attention, you can naturally control weeds and ensure your green roof plans thrive. On a green roof a weed is a plant growing in the wrong place, grass, moss and trees seeds are common weeds to look for on your green roof. Avoid giving weeds a place to grow, fill in bare spots with sedum plants where you can. Trim sedums and spread the clippings. They will root and expand plant coverage. Do not let any plants clog your drains. Regularly check drains and gutters and remove weeds and debris before they cause damage.

- Weed 1x — 2x month
- Remove dead or diseased plants 1x — 2x month
- Remove dead or dying plants as needed



# Retention Credits

Your project may generate Stormwater Retention Credits (SRCs). SRCs can be sold through a trading market and could be used to fund long-term maintenance obligations. Discuss this option with your professional support team.

Visit <https://doee.dc.gov/src> for more information.

**For more information  
visit the program website  
<https://doee.dc.gov/greenroofs>**



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