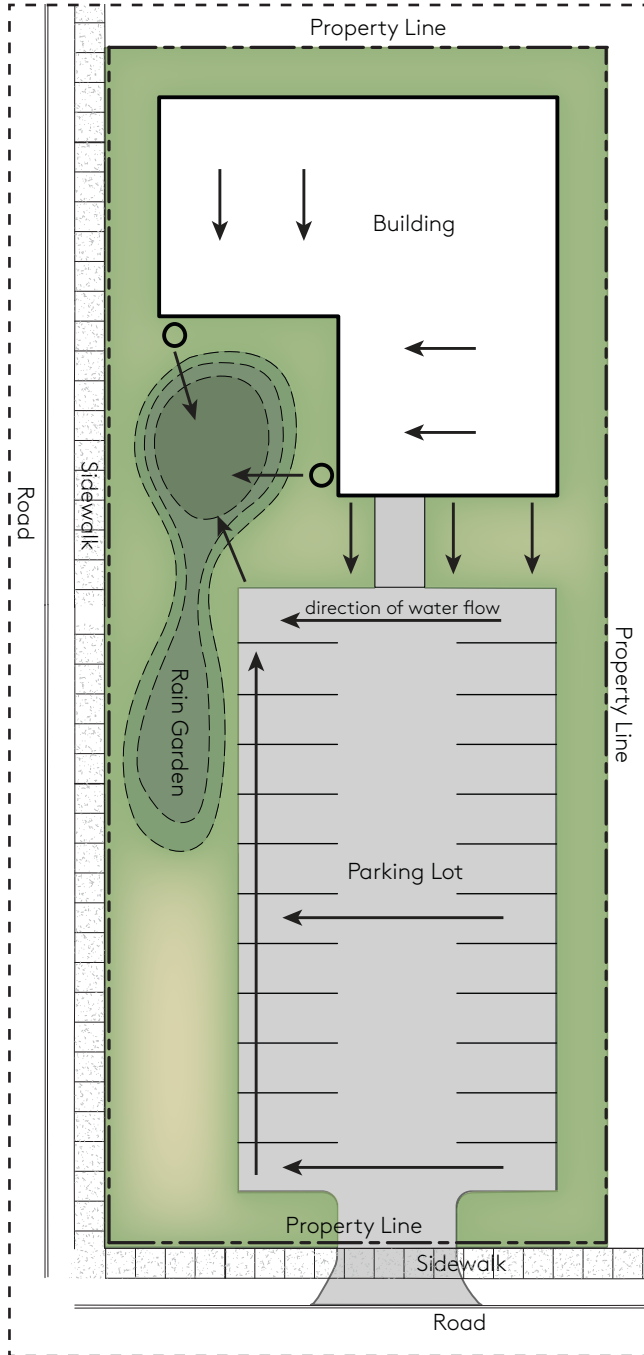




# LOT DESIGN: STORM SOAKER



*Do you want to install Detroit's best bioretention practice?*

GRANT AMOUNT UP TO: \$19,000

The Storm Soaker is a high performing, large rain garden that manages stormwater runoff from commercial and other non-residential properties. The size and details can be modified to suit existing site conditions. The planting design brings beauty to your site, while providing stormwater performance and ecological benefits. The plant palette incorporates perennial flowers, grasses and shrubs for colorful and textural interest throughout the year, while also making plant ID easier to help with weeding!

## DETAILS:

- Anticipated installation: Fall 2019, following the planning/permitting process
- You will need to hire a professional engineer and landscape contractor to implement this project
- The landscape contractor should be open to including a workforce development component in the project installation

## REQUIREMENTS:

- Site must have the ability to redirect stormwater runoff from an adjacent impervious surface into the stormwater practice

## IDEAL FIT:

- A building that is currently occupied by an operating business
- A project that is aligned with a local neighborhood plan for green stormwater infrastructure
- Ideal for managing runoff from sites with 2,000- 10,000 sqft of building roofs, parking lots, or other impervious surfaces.

## ADDITIONAL REQUIRED RFP QUESTIONS: STORM SOAKER

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*Please answer in a separate document and upload to Submittable with your proposal (.doc or .pdf file format).*

1) Upload a basemap showing the outline of your building, indicating the location of external downspouts (and internal, if applicable), parking lots, additional impervious surfaces, and the property line.

2) Does your building have any internal roof drains? If so, what portion of your roof drains internally? Please show this on your basemap. (Due to costs of rerouting drains, if your building has only internal drainage, your site will not be a good fit for this lot design.)

3) Using the DWSD Parcel Viewer (found on DWSD's Drainage Charge page <https://detroitmi.gov/departments/water-and-sewerage-department/drainage-charge>) indicate your total current acreage and total impervious acreage according to DWSD.

4) \$4,000 of the grant is allocated for design and engineering fees. If the fees or construction expenses exceed the allotted amount, or if a larger practice could be built with more funds, would you be able to contribute financial resources to the project? If so, up to how much?

5) Have you already participated in consultation with DWSD and/or a site assessment request from DWSD?

6) Have you already consulted with a private engineer or landscape architect regarding a stormwater practice on your site? (No problem if you haven't already)

If you haven't already, all applicants should start the process to request a DWSD site assessment here: <https://app.smartsheet.com/b/form/c4b7f6eb0af548d486eb18425210bcee>

More information is available here: <http://www.detroitmi.gov/drainage>