Creating a Home Landscape You Can Love & Enjoy
Sustainable Landscape Design Basics for Homeowners Workshop
University of Minnesota Landscape Arboretum

August 31, 2019

Re: Creating a Home Landscape You Can Love & Enjoy (4-session workshop)
   September 14 & 28, October 12 & 26, and November 9, 2019; 9:00 a.m. – 12:00 p.m.
   University of Minnesota Landscape Arboretum, Marion Andrus Learning Center,
   3675 Arboretum Boulevard (Hwy. 5), Chaska, MN 55318

Dear Sustainable Landscape Design Basics for Homeowners Workshop Attendee:

Greetings and welcome to the Creating a Home Landscape You Can Love & Enjoy: Sustainable
Landscape Design Basics for Homeowners Workshop sponsored by the University of Minnesota
Landscape Arboretum. Yes, the workshop begins in just over a week! And even though the 2019
growing season is just coming to an end, with fall colors beginning to spread across the state and
winter not far off, spring, and a new gardening season, will be here before we know it. Without a
doubt, and with great anticipation, now is the time to start thinking about the 2020 growing season
and making plans for improvements to the outdoor living spaces in your landscape. Beginning on
September 14, we look forward to introducing you to the basic principles of sustainable landscape
design and to helping you get your creative juices flowing as you contemplate the exciting
possibilities for your home landscape in preparation for the 2020 growing season.

Each workshop session will consist of lecture and discussion and later sessions will also include
critiques and some hands-on lab time to work on your designs and ask questions. All four workshop
sessions will be held in the Marion Andrus Learning Center. Parking is available across the driveway
to the north of the building. Directions to the Arboretum and additional information about the
Arboretum, including a map of the grounds, are available at the arboretum website at

Information About Your Site

We have designed the Sustainable Landscape Design Basics for Homeowners Workshop to allow you
to develop a new or improved design for a specific property of your choice (your home landscape,
family cabin, etc.) and receive guidance as you develop ideas and begin to develop a design. It will
be a good idea to not tackle a site that is too large so we recommend that you choose only the front
yard or the back yard as the primary focus of your design project for the workshop and especially if
the property is larger than a half-acre. At the same time, you will want to ensure that this portion of
the property is integrated with the broader landscape and the property as a whole and we will discuss
how this can be accomplished.

Please bring the following information to the first workshop session on September 14:

- A dimensioned sketch of your site (the entire property) that includes all existing buildings,
  structures, and hardscapes (e.g., house, garage, driveway, walkways, patios, decks, utilities,
  play sets, outbuildings, fencing, dog kennel, etc.) that will be retained. Existing trees and
  other plants that will be retained should also be included. Again, note this is just a
dimensioned sketch, not a to-scale drawing.
• A plot plan of your site if available on hand or if you can get one from your city or county (see the example residential plot plan provided separately).

• Pictures of your site – at minimum, you should have photos of all four elevations of the residence (front, back, and each side) and any other views that provide context and information that might be helpful to you and help others understand your site; pictures may also be stored and shared electronically with an iPad, laptop computer, or other electronic device (the minimum size for printed images should be 5” x 7”).

• A Completed Client Interview Form (provided separately).

• A Completed Site Survey Form (provided separately).

Tools and Supplies

Basic drawing tools and paper will be supplied and are included in the workshop fee, but you may want to bring a calculator.

Performing a Soil Test for Your Site

You should always have a soil test performed for any site for which you are developing a landscape design. Not understanding the soil and designing accordingly is one of the primary reasons why designed landscapes fail and healthy soil is the foundation of a healthy and long-lived landscape. While it is not required that you have your soil tested for the workshop, it is highly recommended if you haven’t had your soil tested previously. The information from a soil test will provide important information that you will use during the design process and the implementation, establishment, and, ultimately, the long-term maintenance of your landscape.

A soil test form will be provided at the first workshop session on September 14. The cost of the test through the University of Minnesota Soil Testing Laboratory is $17.00. Checks should be made out to the University of Minnesota and must be included with the completed form and the soil sample. Cash and credit cards are not accepted.

To ensure we have your soil test results back in time, be sure to bring your samples to the second workshop session on September 28 along with your check made out to the University of Minnesota for the proper amount based on the cost of $17/sample and the number of samples submitted.

Directions for collecting and submitting a soil sample:

1. Read and follow the directions for collecting soil samples on the back of the Lawn, Garden, and Landscape Soil Analysis Request form.

2. As indicated on the form, collect several representative subsamples from the area where the soil is being tested and mix the subsamples together to create a composite sample. For your information, make note of where each sample was collected and make copies of the front page of the form if you are submitting more than one sample. Additional forms can also be printed from the Soil Testing Laboratory website at http://soiltest.cfans.umn.edu or directly at http://soiltest.dl.umn.edu/sites/soiltest.dl.umn.edu/files/media/lawn_and_garden_2018_7.pdf.

3. Label the sample(s) using a 4-letter/number code (CAL1, CAL2, etc.) and record the sample code in the box provided on the form.

4. Check the Trees & Shrubs – Broadleaf box (115) in the Fertilizer Recommendation Requested section.

5. Check the Regular Test box in the Check Tests Requested section.
6. Include your address in the space under the **OPTIONAL REFERENCE** heading in the upper, right-hand corner of the soil test form for the Soil Testing Laboratory’s records.

7. Give your soil sample(s), completed form(s), and check to the instructor for delivery to the soil testing lab; once again, to ensure getting your soil test results in a timely fashion, be sure to bring your soil sample(s) and completed soil test form(s) to the second workshop session on September 28.

8. The soil test results will be sent to us so we can review them ahead of time and we will bring them to the next workshop session for distribution and discussion.

**Do you need to test the soil in more than one location?** It depends. If you know the history of the property and believe the soil is relatively undisturbed and original to the site, collecting a composite sample and submitting a portion of that sample as indicated on the soil test form should be just fine. If, however, you know the soil on one part of the property is different than another spot on the property, it would be best to have a separate test done for each location. Keep in mind that the fill around the foundation is often different than the soil on the rest of the site. Also, if a layer of topsoil has been applied over the existing soil, it might be a good idea to test the topsoil and the soil below separately. This is also a good time to look for the presence of these kinds of soil layers since, if present, remedial action may be needed.

Though not needed for this class, if you have a vegetable garden or plan on including one in your new landscape design, it may be a good idea to have that area tested separately before planting the garden. Again, a separate test is only needed if you have reason to believe the soil in a particular area is different than the soil on the rest of the property. You can always submit additional samples to the soil testing lab for testing as needed as you develop your property.

Feel free to contact me if you have questions. I look forward to meeting you and working with you during the Creating a Home Landscape You Can Love & Enjoy: Sustainable Landscape Design Basics for Homeowners Workshop sessions.

See you on September 14!

James Calkins, Instructor

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