

## 2022 FFA Landscape Design Career Development Event Supplemental Information

### Clients, Property, Residence, and Design Intent:

The Wilson home is a newly renovated two-story farmhouse situated on the corner lot of a quiet suburban street in Central New Jersey. The lot, which measures 100 feet deep and 120 feet wide, is adjacent to the grounds of a Waldorf school to the east, and another single-family residence to the north. The house has a large open front porch facing Orchard Road, and a screened three-season porch that can be accessed either through the living room or the master bedroom. The Wilson's lot is relatively level, with the exception of a low area behind the garage that remains wet for several days following significant rain events primarily due to run-off from the garage roof. There are two mature black gum trees (*Nyssa sylvatica*) on the property, and a multi-stem river birch (*Betula nigra*) to the east of the garage. A low chain link fence runs along the northern and eastern edges, separating the Wilson's property from those adjacent.

Sam and Abigail Wilson have recently moved into the farmhouse with their six-year-old twin boys who will attend the Waldorf school next door. Sam is chair of the Ecology Department at the nearby college, and Abigail is a well-renowned sculptor. Both are avid gardeners and amateur birders, and neither are particularly fond of the chain link fence. They would like to create a home landscape that features sustainable design and native plants and embraces both form and function – such as seasonal interest, bird and insect habitat, stormwater management, privacy/screening for the three-season porch and back yard, etc.

In addition, the Wilsons have spoken with the schoolboard, and would like to fund the installation of a rain garden and outdoor classroom on the school grounds to the east of the fence. The low area marked on the site plan remains wet for several days after significant rain events due to run-off from the school building (located just off the plan to the east). The classroom area should include seating and be able to accommodate up to 15 students.

For both the Wilson's property and the school grounds, consider plant material (trees, shrubs, herbaceous layers, groundcover), hardscape materials, connections/circulation, views, sun/shade, etc.

### **Budget for materials:** \$40,000 (for materials only)

Plants should be selected which provide interest throughout the year, including annuals, perennials, evergreens, and deciduous plants. For more information on utilizing native plants, please visit <https://njaes.rutgers.edu/fs1140/>. A listing of nurseries and plant suppliers that carry native plants can be found at <https://www.jerseyyards.org/jersey-friendly-plants/where-to-buy-native-plants/>.

**Project Requirements:**

Finished projects may be hand rendered or developed using a CAD or other computer aided program, but all projects must meet the following criteria:

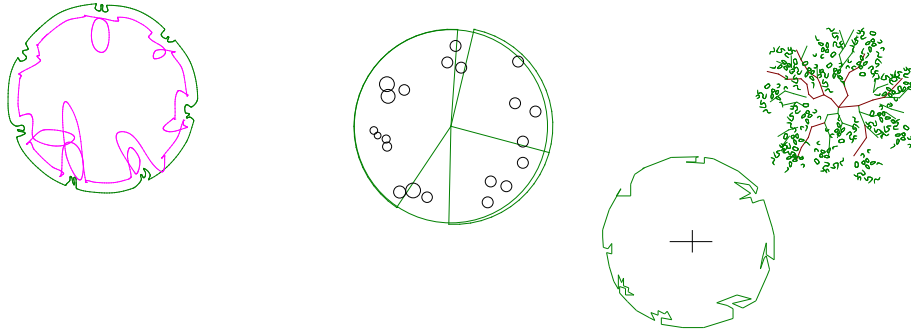
- All drawings should be submitted on 18" by 24" paper. Plan view drawing of the finished project is required. Elevation drawings will not be judged. It is strongly suggested that, whenever possible, a **copy** of the original be submitted for judging purposes.
- The finished scale should be 1" equals 10'.
- Students may but are not required to update their plans based on the coordinator's feedback.
- Students are required to use standard, commonly recognized symbols for plants.
- Symbols used should be representative of common professional drawing practices. Plant symbols should be drawn representing plants in scale at reasonable mature sizes. It is recommended that a reference such as *The Manual of Woody Plants* (Michael Dirr) be used in determining plant spread (width). Other symbols used should be representative of common professional drawing practices (e.g. hatching, paving patterns, etc.).
- A sample planting schedule chart and title block have been provided on the drafted site plan. The planting schedule should be organized by type of plant (i.e. deciduous tree, shrub, perennial, etc.) and in alphabetical order based on the key (which is determined by the botanic nomenclature).
- The Landscape Estimate must include **material wholesale costs only** and must be done on separate sheets stapled to the landscape drawing. Be sure to include the name of the student as well as chapter on the Estimate sheets. Like planting schedule, this chart should be organized by material (i.e. hardscape materials, plants materials).

ITEM	UNIT	Qty	UNIT PRICE	TOTAL	Source
<b>Rudbeckia hirta 2" PLUG</b>	<b>each</b>	<b>42</b>	<b>\$1.00</b>	<b>\$42.00</b>	<b>Pinelands Nursery</b>

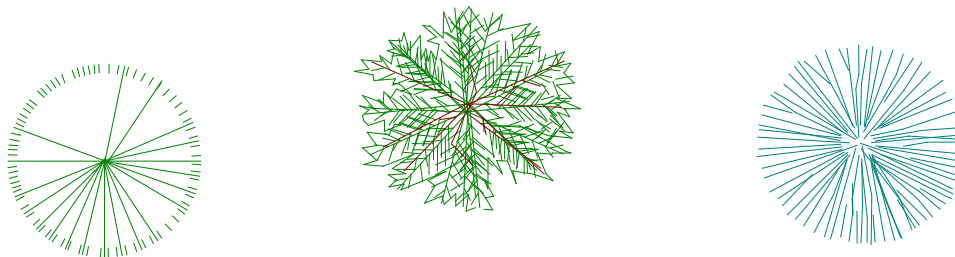
**2022 LANDSCAPE DESIGN PROJECT SAMPLES**

SAMPLE SYMBOLS ARE SUGGESTED STYLES AND ARE NOT SHOWN TO SCALE

**DECIDUOUS**



**EVERGREEN**



**SAMPLE TITLE BLOCK**

CLIENT
NORTH ARROW (unless north arrow is positioned on the drawing itself)
DATE
SCALE OF DRAWING
DESIGNER/CHAPTER