

Resource Efficient Home Landscapes

The Design Charette

Process, Methods, and Materials for Design Charettes with Homeowners

Landscape Perception and Behaviors Research Project
UCF Stormwater Management Academy
UF Center for Landscape Conservation and Ecology
Leesa Souto, Stormwater Management Academy, University of Central Florida
Gail Hansen, PhD. Environmental Horticulture Dept. University of Florida
Claudia Lewis, Environmental Consultant



Purpose of Charette

■ Goals

- Educate homeowners about resource-efficient landscapes
- Collaboration with homeowners
- Learn about homeowner aesthetic preferences for plant material
- Create aesthetic, resource efficient landscapes

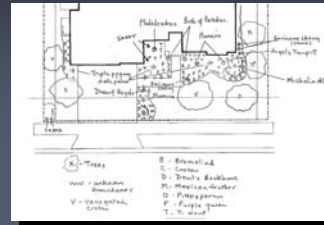
■ Objectives

- Landscape design tutorial
- Homeowners participation in site inventory and analysis
- Homeowners participation in plant selection
- Homeowners approval for final design



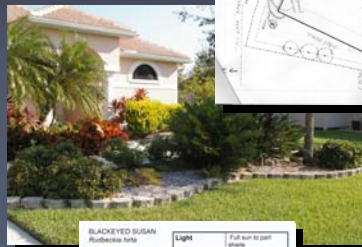
Charette Topics

- Landscape design process
- Site inventory/analysis
- Homeowner needs/preferences
- Resource-efficient plants
- Aesthetic plant characteristics
- Regional ecology/native plants
- HOA requirements



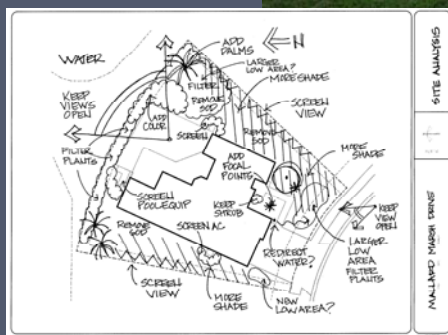
Methods and Materials

- Tutorials- planting design and plant material
- Site visits- inventory
- Homeowner interviews
- Design workshops
- HOA Board review
- Property surveys
- Identification cards- plant materials
- CAD generated design plans



Site Analysis/Improvements

- Shade
- Buffers/Screening
- Water management
- Water body protection
- Focal points
- Remove vegetation



Preference Survey

- Aesthetic preferences
- Activity needs
- Maintenance style



Heckart

Rivendell Homeowners- Landscape Preferences
Florida Friendly Landscape Design Course, November 28, 2008

What activities do you and your family enjoy in your yard?	sunbathing, sunbathing, watching wildlife (especially butterflies), looking at water, gardening, picking fruit
Where do you spend most of your time in the yard? (Example: Land/screened area, front entry, etc.)	Lanai
Do you or your family (pets included) have any allergies to any plants or insects?	No
Are there any plants that you do not want in your yard?	
Are there any plants you must have in your yard?	Existing fruit + palm trees Ixoera around lanai cage
What are your favorite plant colors?	Red, cranberry
List your favorite trees (including palms).	Would like a pretty shade tree in front yard, + possibly back yard. (what lady?)
List your favorite shrubs.	Croton Ixora
List your favorite groundcover.	
List your favorite annuals and Perennials.	Zinnia geraniums
Describe your favorite garden style (example: traditional tropical/defined plant beds, or modern/architectural/geometric, or natural/organic/flowing, or cottage/boose plant masses)	traditional tropical, backyard cottage/boose/natural, flowing tree garden ie, butterfly garden

Planting Plan



ard

Front Yard- Entry

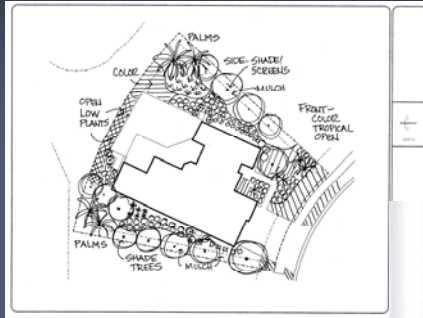


- ✓ Public space
- ✓ Curb appeal
- ✓ Frame Entrance
- ✓ Feature plants
- ✓ Direct view
- ✓ Mass/Layer plants
- ✓ Sun/Shade



Concept Plan

Hand drawn sketch of design ideas based on inventory, survey and homeowner selected plants



Homeowners review and comment



Final Design

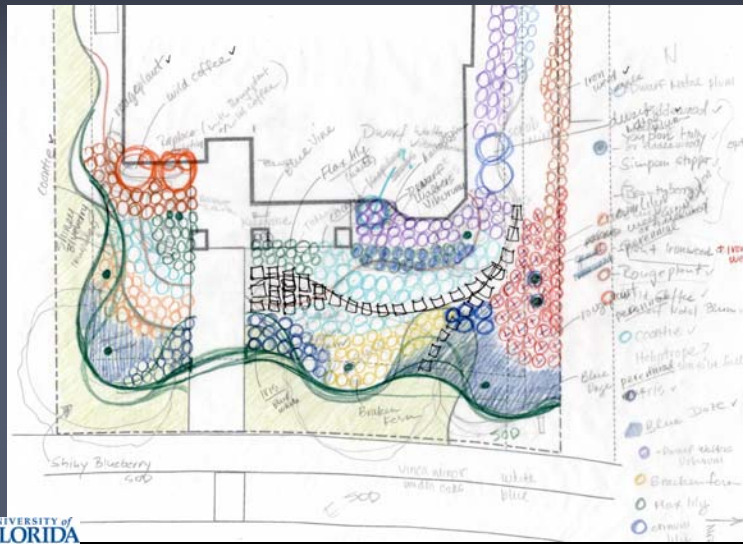


Homeowner Notes

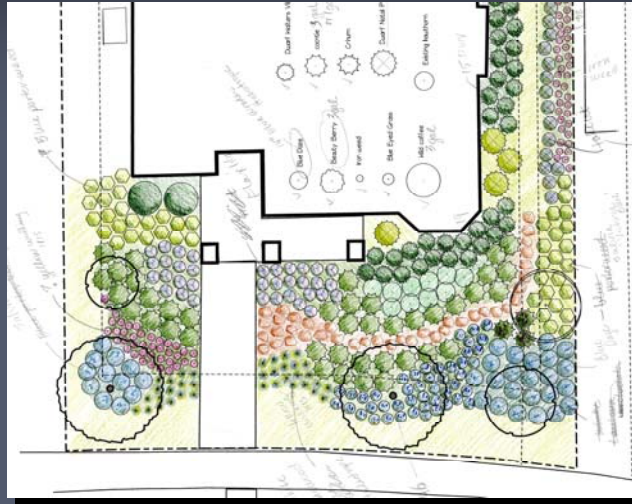
- Choose plants from ID cards
- List plants on base map
- List color preferences
- Note existing plants to keep
- Note any other needs and/or wants



Concept plan on Trace Overlay



Planting Plan for Comments



Final Design



Charette Schedule

- Design Tutorial #1
- Property Survey/Base Maps
- Site inventories from homeowners
- Site visits
- Design Tutorial #2
- Plant selection workshop
- Created planting plans
- Plan review workshop
- Natural area tour (state park)
- Final planting plans

