

Suburban Permaculture:

How can permaculture design be applied to be within county regulations at a suburban middle class home to produce food and enhance shared family maintenance time?

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HORT 4092: Horticulture Senior Project

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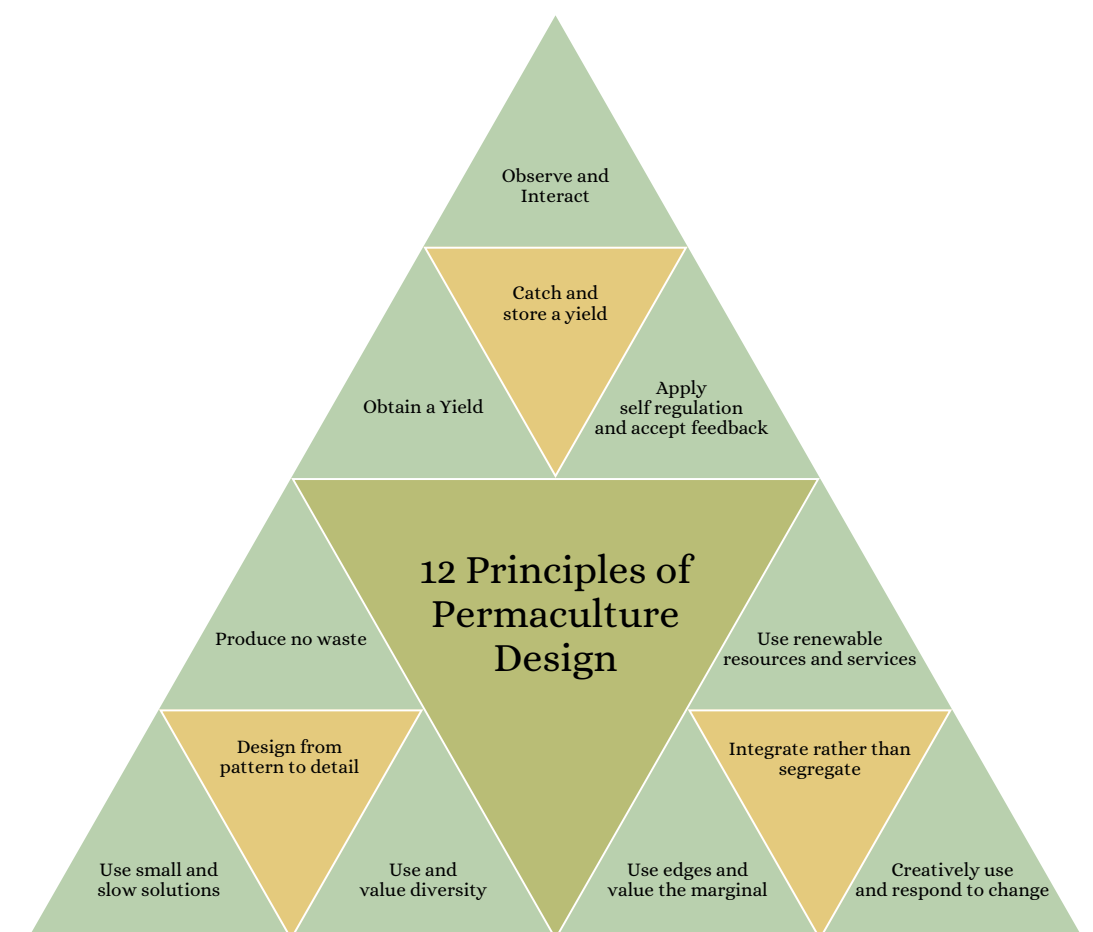
Existing Site



Aerial topographic map of site (MC-GIS, 2020)

The Client

The family who occupies the home is an active five person family with two members following plant-based diets. The family wants to utilize more of the landscape to produce food while following permaculture design principles



Site Zones



Site Conditions:

- Located in Medina, Ohio
- USDA Plant Hardiness Zone 6a (2023 USDA Plant Hardiness Zone Map, 2023)
- No Home Owners Association in Neighborhood
- The lot is 0.48 acres
- 100% Ritman Silt Loam (Web Soil Survey - Home)
- 2-6% Slope (Web Soil Survey - Home)
- Mid-Succession Oak-Hickory Forest at the back of the property





- Key**
- Jewelweed
 - Fern
 - Hosta
 - American Ginseng
 - Basil
 - Parsley
 - Mint
 - Thyme
 - Dill
 - Lettuce
 - Kale
 - Swiss Chard
 - Radish
 - Beets
 - Strawberry
 - Holly Shrub
 - Spice Bush
 - Witch Hazel
 - Lavender
 - Nasturtium
 - Chamomile
 - Marigold
 - Pansy
 - Borage
 - Bee Balm
 - Fescue
 - Baptisia
 - Dahlia
 - Peony
 - Rose
 - Cucumber
 - Tomato
 - Squash
 - Beans
 - Peas



Scale 1:10

