

VACANT LAND REUSE BOOK

WHAT IS IT?

The Vacant Land Reuse Book is a component of the Stabilizing MorningSide Plan. The book includes suggestions for using vacant land with cost estimates, materials, plantings and images. They are arranged by short, mid, and long term, which are assigned by amount of time, work and vacancy.

Notes:

Cost varies when in kind services are used.

Site clean up is estimated for all lots but will vary depending on location of lot.

Green Ventures lots will require over three lots and prices will vary.

ACKNOWLEDGMENTS

We would like to thank the following people for the advice and guidance to create this Vacant Land Reuse Book.

Linda Smith, U-SNAP-BAC

Dara O'Bryne, Detroit Future City

Vincent Tilford, Habitat for Humanity Detroit

Sam Butler, Michigan Community Resources

Pastor DaRell Reed, Spirit of Love Church

Libby Levy, University of Michigan

Professor Margaret Dewar, University of Michigan

Eric Dueweke, MorningSide, U-SNAP-BAC

QUESTIONS?

WHO OWNS THAT VACANT LOT?

If you know the address of the vacant lot, you can contact the City of Detroit's of Online Property Tax Foreclosure System.

Website: is.bsasoftware.com/bsa.is/default.aspx

Wayne County Treasurer's Property Search

Website: WayneCounty.com/treasurer_payonline.htm

HOW TO PURCHASE A VACANT LOT?

1. IF IT IS CITY-OWNED,

Contact the Detroit Land Bank Authority

Website: www.detroitlandbank.org

Phone: (313) 974-6869

Fax: (313) 285-9019

2. IF IT IS PRIVATELY-OWNED,

Contact the land owner disclosed by the Register of Deeds

Website: www.waynecountylandrecords.com

Check the White Pages

Website: www.whitepages.com

Check Wayne County Probate Court

Website: public.wcpc.us/eservices/home.page.2

Check Why Don't We Own This

Website: makeloveland.com/us/mi/wayne/detroit

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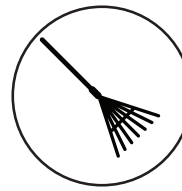
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CLEAN + CLEAR

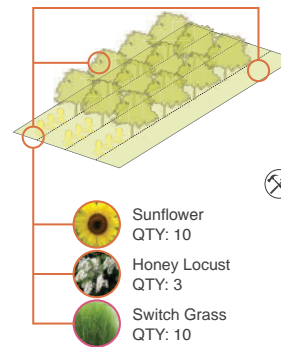
VISION




Lots requiring stabilizing or cleaning up from contamination.

PLANTINGS



PHYTOREMEDIATION**

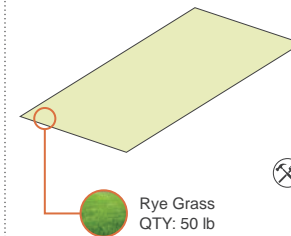


-  Sunflower
QTY: 10
-  Honey Locust
QTY: 3
-  Switch Grass
QTY: 10

COSTS + MATERIALS

| | |
|-------------------------------|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Honey Locust (3) | \$237.00 |
| Switch Grass (10) | \$240.00 |
| Sunflower (10) | \$25.00 |
| Sun/Shade Seed | \$50.00 |
| Split Rail Fencing | \$279.00 |
| Soil Testing | \$15.00 |
| Subtotal Cost (\$0.27 per sf) | \$1,746.00 |
| Design Cost 10% | \$174.60 |
| Contingency 10% | \$174.60 |
| Total Project Cost | \$2,095.20 |
| (\$0.32 per sf)* | |

SURFACE CLEANUP

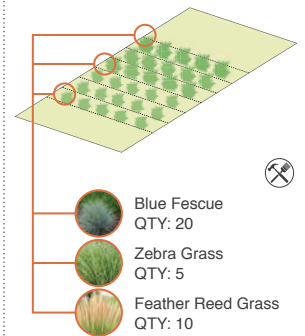


-  Rye Grass
QTY: 50 lb

COSTS + MATERIALS

| | |
|---------------------------|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Sun/Shade Seed | \$50.00 |
| Split Rail Fencing | \$279.00 |
| Soil Testing | \$15.00 |
| Total Project Cost | \$1,244.00 |
| (\$0.19 per sf)* | |


LOW-MOW



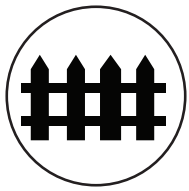
-  Blue Fescue
QTY: 20
-  Zebra Grass
QTY: 5
-  Feather Reed Grass
QTY: 10

COSTS + MATERIALS

| | |
|---------------------------|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Feather Reed (10) | \$149.00 |
| Zebra Grass (5) | \$90.00 |
| Blue Fescue (20) | \$379.80 |
| Sun/Shade Seed | \$50.00 |
| Split Rail Fencing | \$279.00 |
| Soil Testing | \$15.00 |
| Total Project Cost | \$1,863.70 |
| (\$0.28 per sf)* | |

*Based on (65'X100') 6,500 sf lot
 Low Maintenance

**Using plants to reduce contamination in soil

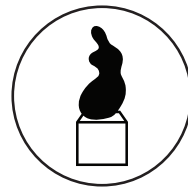


SIDE LOT

VISION

Lots adjacent to homeowners that are up to date on property taxes.

PLANTINGS

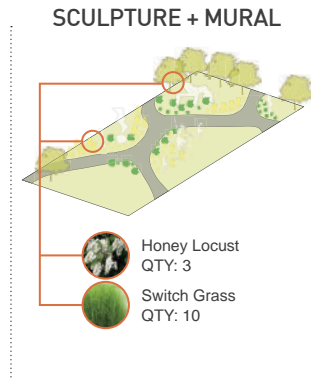
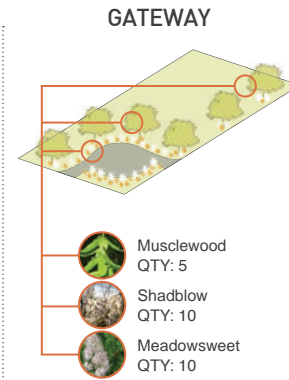
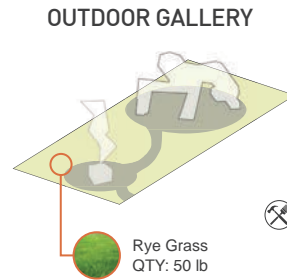
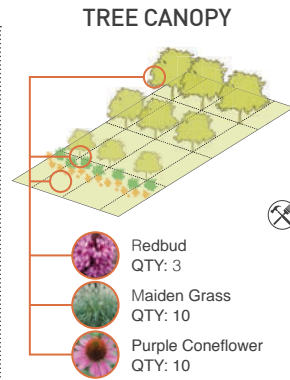
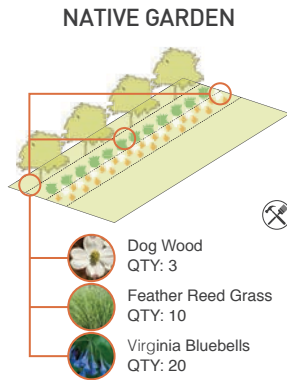
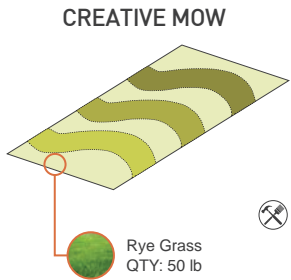
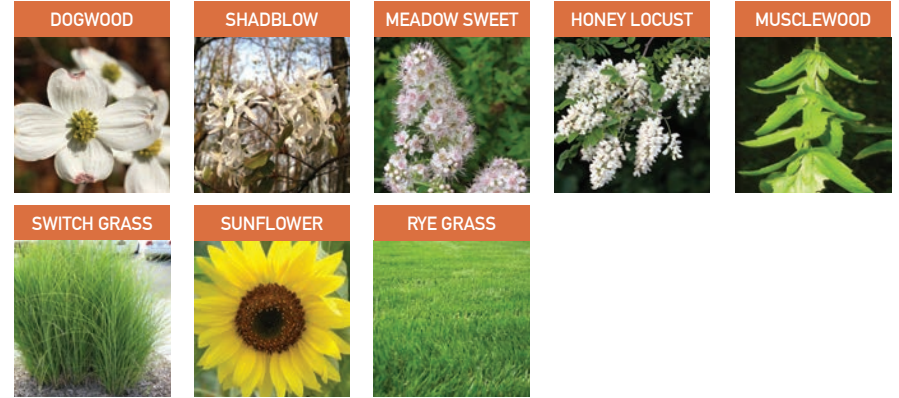


ART SPACE

VISION

Lots that will be made available to local artists to showcase low maintenance art installations.

PLANTINGS



COSTS + MATERIALS

| | |
|---|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Sun/Shade Seed | \$50.00 |
| Split Rail Fencing (50') | \$279.00 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$0.19 per sf)* | \$1,244.00 |

COSTS + MATERIALS

| | |
|---|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Dogwood (3) | \$285.00 |
| Feather Reed (10) | \$149.90 |
| Virginia Bluebells (20) | \$299.80 |
| Sun/Shade Seed | \$50.00 |
| Split Rail Fencing (50') | \$279.00 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$0.96 per sf)* | \$1,978.70 |

COSTS + MATERIALS

| | |
|---|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Redbud (3) | \$165.00 |
| Maiden Grass (10) | \$199.97 |
| Purple Coneflower (10) | \$249.90 |
| Sun/Shade Seed | \$50.00 |
| Split Rail Fencing | \$279.00 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$0.29 per sf)* | \$1,858.87 |

COSTS + MATERIALS

| | |
|---|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Art | In-kind |
| Sun/Shade Seed | \$50.00 |
| Split Rail Fencing (50') | \$279.00 |
| Gravel (\$3.15 ea for 2 cu ft)** | \$2,586.15 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$0.59 per sf)* | \$3,830.15 |

COSTS + MATERIALS

| | |
|---|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Musclewood (5) | \$800.00 |
| Shadblow (10) | \$800.00 |
| Meadowsweet (10) | \$120.00 |
| Sun/Shade Seed | \$50.00 |
| Split Rail Fencing (50') | \$279.00 |
| Gravel (\$3.15 ea for 2 cu ft) | \$2,586.15 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$1.50 per sf)* | \$5,535.15 |

COSTS + MATERIALS

| | |
|---|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Honey Locust (3) | \$237.00 |
| Switch Grass (10) | \$240.00 |
| Art | In-kind |
| Sun/Shade Seed | \$50.00 |
| Split Rail Fencing | \$279.00 |
| Topsoil (2 ea for 0.75 cu ft) | \$4,300.00 |
| Gravel (\$3.15 ea for 2 cu ft) | \$2,586.15 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$1.32 per sf)* | \$4,306.25 |

*Based on (65'X100') 6,500 sf lot
 ☒ Low Maintenance
 8 Short-Term

*Based on (65'X100') 6,500 sf lot
 ** Wood chips can be substituted for gravel
 ☒ Low Maintenance



PATHS

VISION

Lots that will be used for connecting larger forms of infrastructure such as streets and transit.

PLANTINGS

HONEY LOCUST



SWITCH GRASS



SUNFLOWER



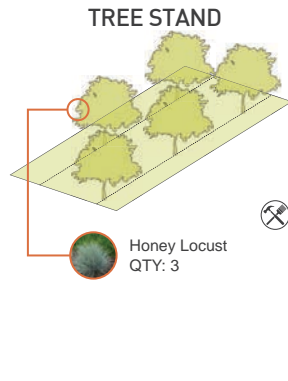
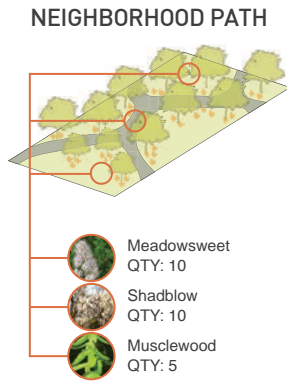
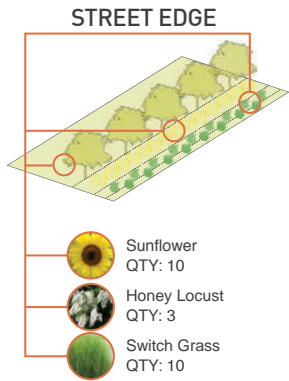
MUSCLE WOOD



SHADBLOW



MEADOW SWEET



NATURAL LAND

VISION

Lots that grow a managed selection of plants but has the appearance of looking natural.

PLANTINGS

ELDERBERRY



BLACK BERRY



APPLE



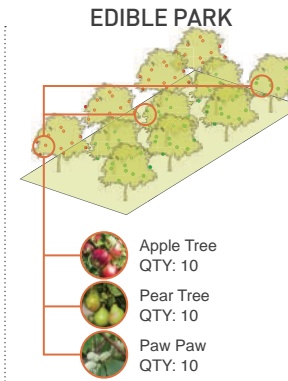
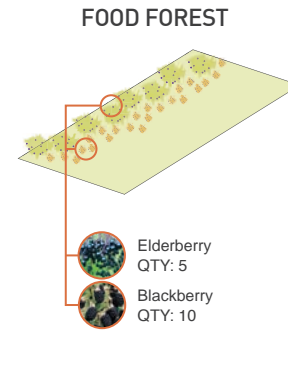
PEAR



PAW PAW



RYE GRASS



COSTS + MATERIALS

| | |
|--|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Honey Locust (3) | \$237.00 |
| Switch Grass (10) | \$240.00 |
| Sunflower (10) | \$25.00 |
| Sun/Shade Seed | \$50.00 |
| Split Rail Fencing (50') | \$279.00 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$0.27 per sf)* | \$1,746.00 |

COSTS + MATERIALS

| | |
|--|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Musclewood (5) | \$800.00 |
| Shadblow (10) | \$800.00 |
| Meadowsweet (10) | \$120.00 |
| Sun/Shade Seed | \$50.00 |
| Split Rail Fencing (50') | \$279.00 |
| Mulch (3 ea for 2 cu ft) | \$2,733.60 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$0.88 per sf)* | \$5,697.60 |

COSTS + MATERIALS

| | |
|--|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Honey Locust (3) | \$237.00 |
| Sun/Shade Seed | \$50.00 |
| Split Rail Fencing (50') | \$279.00 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$0.22 per sf)* | \$1,481.00 |

COSTS + MATERIALS

| | |
|--|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Elderberry (5)** | \$90.00 |
| Blackberry (10)** | \$150.00 |
| Split Rail Fencing (50') | \$279.00 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$0.88 per sf)* | \$1,434.00 |

COSTS + MATERIALS

| | |
|--|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Apple (10)** | \$200.00 |
| Pear (10)** | \$200.00 |
| Paw Paw (10)** | \$200.00 |
| Split Rail Fencing (50') | \$279.00 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$0.93 per sf)* | \$1,794.00 |

COSTS + MATERIALS

| | |
|--|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Split Rail Fencing (50') | \$279.00 |
| Mulch (3 ea for 2 cu ft) | \$2,705.60 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$1.26 per sf)* | \$3,899.60 |

*Based on (65'X100') 6,500 sf lot
 ⊗ Low Maintenance
 10 Short-Term

*Based on (65'X100') 6,500 sf lot
 ⊗ Low Maintenance

** Before planting edible produce the site should be tested for contamination please refer to Clean + Clear if contaminated

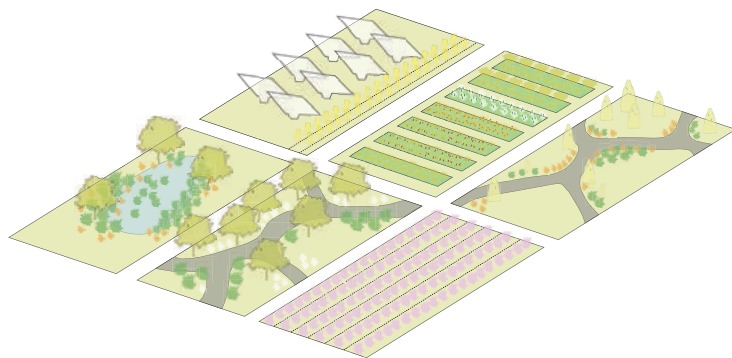


COMMUNITY GARDEN

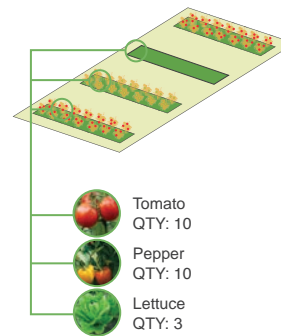
VISION

Lots that have raised beds for produce or flowers.

PLANTINGS



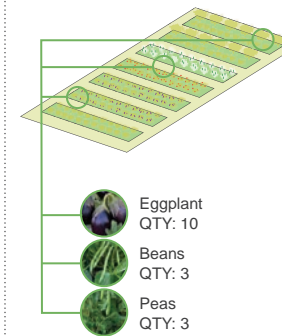
GROW + PLAY



COSTS + MATERIALS

| | |
|---|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Tomato (10) | \$56.50 |
| Pepper (10) | \$56.50 |
| Lettuce (3 Packs) | \$20.85 |
| Topsoil (2 ea for 0.75 cu ft) | \$4,300.00 |
| Raised Beds (4'x8'x10') (4) | \$400.00 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$0.88 per sf)* | \$5,748.00 |

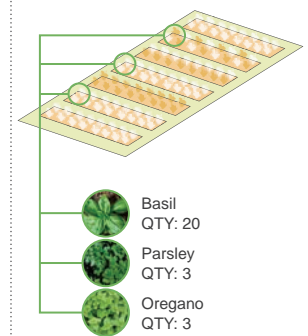
VEGGIE GARDEN



COSTS + MATERIALS

| | |
|---|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Eggplant (10) | \$56.00 |
| Beans (3 Packs) | \$14.84 |
| Peas (3 Packs) | \$20.85 |
| Topsoil (2 ea for 0.75 cu ft) | \$4,300.00 |
| Raised Beds (4'x8'x10') (4) | \$400.00 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$0.81 per sf)* | \$5,292.20 |

HERB GARDEN



COSTS + MATERIALS

| | |
|---|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Basil (20) | \$49.83 |
| Parsley (3 Packs) | \$17.85 |
| Oregano (3 Packs) | \$11.90 |
| Topsoil (2 ea for 0.75 cu ft) | \$4,300.00 |
| Raised Beds (4'x8'x10') (4) | \$400.00 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$0.88 per sf)* | \$5,694.58 |

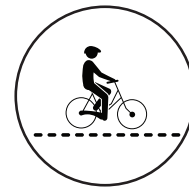
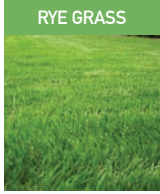
*Based on (65'X100') 6,500 sf lot



GREEN PARKING

VISION
Lots that use permeable surfaces for parking.

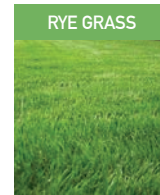
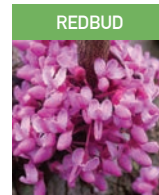
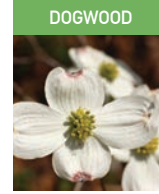
PLANTINGS



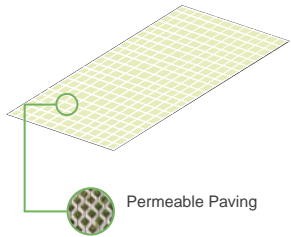
TRAILS

VISION
Lots that have a trail.

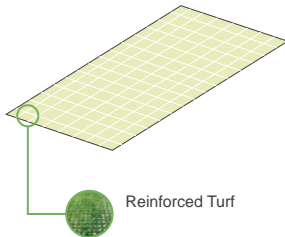
PLANTINGS



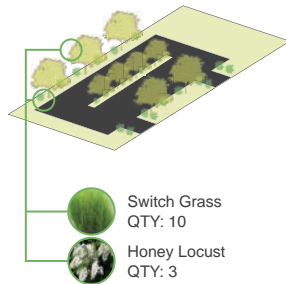
PERMEABLE PAVING



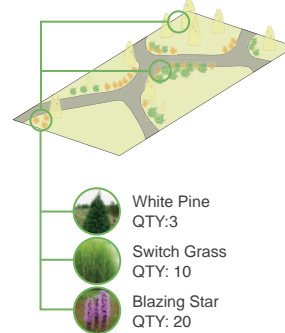
REINFORCED TURF



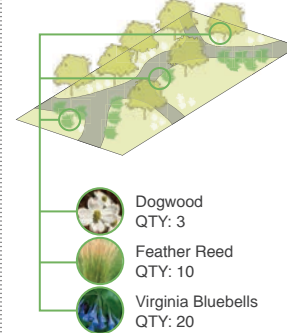
PARKING STRIP



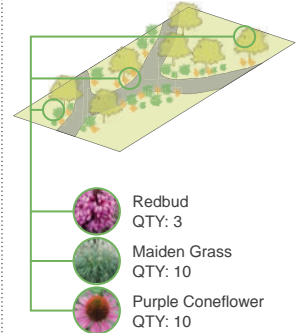
BIKING TRAIL



HIKING TRAIL



NATURE TRAIL



COSTS + MATERIALS

| | |
|-------------------------------|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Sun/Shade Seed | \$50.00 |
| Paving Material (1 per sf) | \$6,500.00 |
| Soil Testing | \$15.00 |
| Subtotal Cost (\$1.15 per sf) | \$7,465.00 |
| Design Cost 10% | \$746.50 |
| Contingency 10% | \$746.50 |
| Total Project Cost | \$8,958.00 |
| (\$1.38 per sf)* | |

COSTS + MATERIALS

| | |
|-------------------------------|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Sun/Shade Seed | \$50.00 |
| Paving Material (1 per sf) | \$6,500.00 |
| Soil Testing | \$15.00 |
| Subtotal Cost (\$1.15 per sf) | \$7,465.00 |
| Design Cost 10% | \$746.50 |
| Contingency 10% | \$746.50 |
| Total Project Cost | \$8,958.00 |
| (\$1.38 per sf)* | |

COSTS + MATERIALS

| | |
|-------------------------------|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Honey Locust (3) | \$237.00 |
| Switch Grass (10) | \$240.00 |
| Sun/Shade Seed | \$50.00 |
| Paving Material (1 per sf) | \$6,500.00 |
| Soil Testing | \$15.00 |
| Subtotal Cost (\$1.15 per sf) | \$7,942.00 |
| Design Cost 10% | \$794.20 |
| Contingency 10% | \$794.20 |
| Total Project Cost | \$9,530.40 |
| (\$1.47 per sf)* | |

COSTS + MATERIALS

| | |
|--------------------------------|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| White Pine (3) | \$180.00 |
| Switch Grass (10) | \$240.00 |
| Blazing Star (20) | \$119.80 |
| Gravel (\$3.15 ea for 2 cu ft) | \$2,586.15 |
| Soil Testing | \$15.00 |
| Total Project Cost | \$4,040.95 |
| (\$0.62 per sf)* | |

COSTS + MATERIALS

| | |
|---------------------------|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Dogwood | \$285.00 |
| Feather Reed Grass(10) | \$149.90 |
| Virginia Bluebells (20) | \$299.80 |
| Wood Chips | \$2,392.00 |
| Soil Testing | \$15.00 |
| Total Project Cost | \$4,026.70 |
| (\$0.62 per sf)* | |

COSTS + MATERIALS

| | |
|---------------------------|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Redbud (3) | \$165.00 |
| Maiden Grass (10) | \$199.97 |
| Purple Coneflower (10) | \$249.90 |
| Wood Chips | \$2,392.00 |
| Soil Testing | \$15.00 |
| Total Project Cost | \$3,921.87 |
| (\$0.60 per sf)* | |

*Based on (65'X100') 6,500 sf lot

*Based on (65'X100') 6,500 sf lot



STORMWATER MANAGEMENT

VISION

Lots that apply stormwater runoff.

PLANTINGS



GREEN VENTURES

VISION

Lots that are packaged and made available to entrepreneurs for economic development.

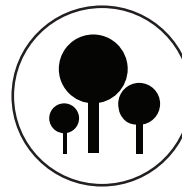
PLANTINGS



| BIOSWALES | RAIN GARDEN | INFILTRATION POND | BIO-FUEL FIELD | SOLAR ARRAY | LAVENDER FIELD |
|--|--|--|--|---|--|
| <ul style="list-style-type: none"> Dogwood QTY: 3 Switch Grass QTY: 10 Blazing Star QTY: 20 | <ul style="list-style-type: none"> Maiden Grass QTY: 10 Switch Grass QTY: 10 Blazing Star QTY: 20 | <ul style="list-style-type: none"> White Pine QTY: 3 Switch Grass QTY: 10 Honey Locust QTY: 3 | <ul style="list-style-type: none"> Switch Grass QTY: 20 | <ul style="list-style-type: none"> Sunflower QTY: 20 | <ul style="list-style-type: none"> Lavender QTY: 20 |
| COSTS + MATERIALS | | COSTS + MATERIALS | | COSTS + MATERIALS | |
| Site Cleanup Trash/Debris | \$900.00 | Site Cleanup Trash/Debris | \$900.00 | Site Cleanup Trash/Debris | \$900.00 |
| Dogwood (3) | \$285.00 | Maiden Grass (10) | \$199.97 | Site Cleanup Trash/Debris | \$900.00 |
| Switch Grass (10) | \$240.00 | Switch Grass (10) | \$240.00 | Sunflower (20) | \$50.00 |
| Blazing Star (20) | \$119.80 | Blazing Star (20) | \$119.80 | Solar Array (8) | \$10,400.00 |
| Soil Excavation | \$1,000 | Soil Excavation | \$1,000 | Lavender (20) | \$480.00 |
| Soil Testing | \$15.00 | Soil Testing | \$15.00 | Soil Testing | \$15.00 |
| Subtotal Cost (\$0.39per sf) | \$2,559.80 | Subtotal Cost (\$0.40 per sf) | \$2,572.00 | Total Project Cost | \$11,365.00 |
| Design Cost 10% | \$255.98 | Design Cost 10% | \$257.20 | (\$1.75 per sf)* | |
| Contingency 10% | \$255.98 | Contingency 10% | \$257.20 | | |
| Total Project Cost | \$3,071.76 | Total Project Cost | \$3,086.40 | | |
| (\$0.47 per sf)* | | (\$0.47 per sf)* | | | |

*Based on (65'X100') 6,500 sf lot

*Based on (65'X100') 6,500 sf lot



CARBON FOREST

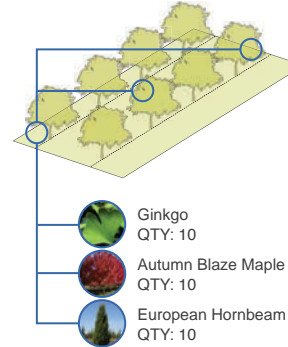
VISION

Lots adjacent to highways and large trafficked areas. Would absorb sound and air pollution from automobile traffic.

PLANTINGS



SINGLE TREE+ ROW

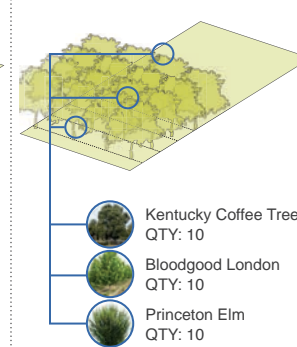


COSTS + MATERIALS

| | |
|---------------------------|-----------|
| Site Cleanup Trash/Debris | \$900.00 |
| Ginkgo (10) | \$1000.00 |
| Autumn Blaze Maple (10) | \$550.00 |
| European Hornbeam (10) | \$550.00 |

| | |
|---------------------------|-------------------|
| Soil Testing | \$15.00 |
| Total Project Cost | \$2,965.00 |
| (\$0.46 per sf)* | |

CARBON BUFFER

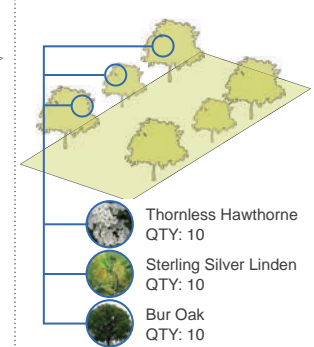


COSTS + MATERIALS

| | |
|---------------------------|----------|
| Site Cleanup Trash/Debris | \$900.00 |
| Kentucky Coffee Tree (10) | \$700.00 |
| Bloodgood London (10) | \$350.00 |
| Princeton Elm (10) | \$500.00 |

| | |
|---------------------------|-------------------|
| Soil Testing | \$15.00 |
| Total Project Cost | \$2,450.00 |
| (\$0.38 per sf)* | |

OPEN GROVE



COSTS + MATERIALS

| | |
|-----------------------------|----------|
| Site Cleanup Trash/Debris | \$900.00 |
| Thornless Hawthorne (10) | \$650.00 |
| Sterling Silver Linden (10) | \$500.00 |
| Bur Oak (10) | \$500.00 |
| Japanese Zelkova (10) | \$350.00 |

| | |
|---------------------------|-------------------|
| Soil Testing | \$15.00 |
| Total Project Cost | \$3,065.00 |
| (\$0.47 per sf)* | |

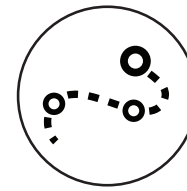
*Based on (65'X100') 6,500 sf lot



URBAN FARM

VISION
Lots that are packaged for growing produce.

PLANTINGS



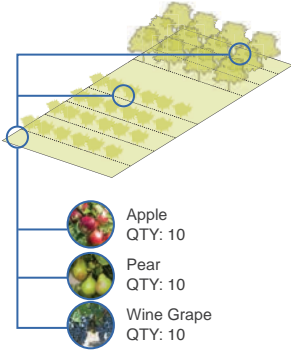
GREENWAY

VISION
Lots that are packaged for recreational space for joggers, walkers.

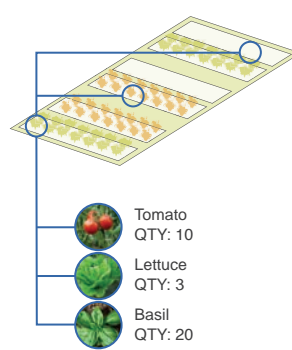
PLANTINGS



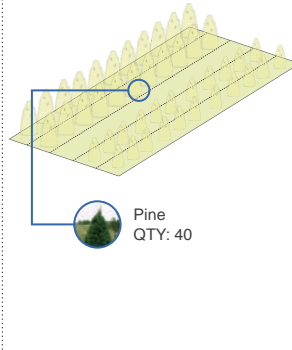
ORCHARD + VINEYARD



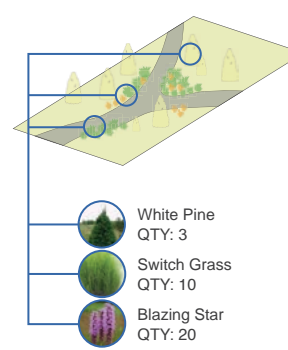
MARKET GARDEN



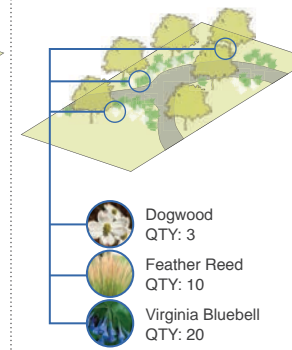
TREE NURSERY



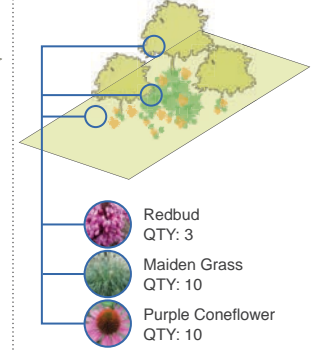
GREENWAY



PARK



MEADOW



COSTS + MATERIALS

| | |
|--|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Apple (10)** | \$200.00 |
| Pear (10)** | \$200.00 |
| Wine Grape (10)** | \$150.00 |
| Topsoil (2 ea for .75 cu ft) | \$4,300.00 |
| Wood Chips | \$2,392.00 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$1.25 per sf)* | \$8,157.00 |

COSTS + MATERIALS

| | |
|--|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Tomato (10)** | \$56.60 |
| Lettuce (3)** | \$20.85 |
| Basil (20)** | \$49.83 |
| Topsoil (2 ea for .75 cu ft) | \$4,300.00 |
| Wood Chips | \$2,392.00 |
| Raised Beds (4x8x10) (10) | \$1000.00 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$1.34 per sf)* | \$8,734.18 |

COSTS + MATERIALS

| | |
|--|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Pine (40) | \$400.00 |
| Topsoil (2 ea for .75 cu ft) | \$4,300.00 |
| Wood Chips | \$2,392.00 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$1.20 per sf)* | \$7,807.00 |

COSTS + MATERIALS

| | |
|--|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| White Pine (3) | \$180.00 |
| Switch Grass (10) | \$240.00 |
| Blazing Star (20) | \$119.80 |
| Topsoil (2 ea for .75 cu ft) | \$4,300.00 |
| Gravel (\$3.15 ea for 2 cu ft) | \$2,586.15 |
| Soil Testing | \$15.00 |
| Subtotal Cost(\$1.25 per sq ft) | \$8,340.80 |
| Design Cost 10% | \$814.68 |
| Contingency 10% | \$814.68 |
| Total Project Cost (\$1.50 per sf)* | \$9,776.16 |

COSTS + MATERIALS

| | |
|--|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Flowering Dogwood (3) | \$285.00 |
| Feather Reed (10) | \$149.90 |
| Virginia Bluebell (20) | \$299.80 |
| Topsoil (2 ea for .75 cu ft) | \$4,300.00 |
| Wood Chips | \$2,392.00 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$1.28 per sf)* | \$8,326.70 |

COSTS + MATERIALS

| | |
|--|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Redbud (3) | \$165.00 |
| Maiden Grass (10) | \$199.97 |
| Purple Coneflower (10) | \$249.90 |
| Topsoil (2 ea for .75 cu ft) | \$4,300.00 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$0.90 per sf)* | \$5,829.87 |

*Based on (65'X100') 6,500 sf lot

** Before planting edible produce the site should be tested for contamination please refer to Clean + Clear if contaminated

*Based on (65'X100') 6,500 sf lot

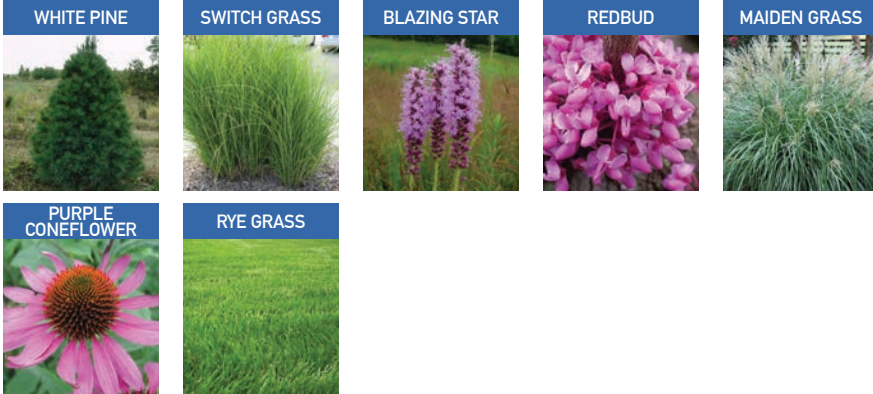


PLAZA

VISION

Lots that are paved with benches used for pop-up seasonal markets, educational and common space.

PLANTINGS



NEIGHBORHOOD PARK

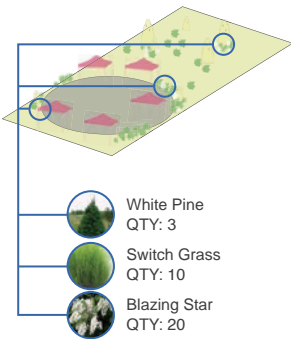
VISION

Lots that focus around recreational activity.

PLANTINGS



SEASONAL MARKET



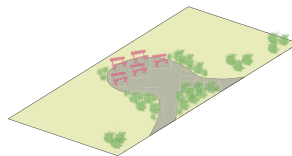
- White Pine
QTY: 3
- Switch Grass
QTY: 10
- Blazing Star
QTY: 20

COSTS + MATERIALS

| | |
|---|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| White Pine (3) | \$180.00 |
| Switch Grass (10) | \$240.00 |
| Blazing Star (20) | \$119.80 |
| Gravel (\$3.15 ea for 2 cu ft) | \$2,586.15 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$0.62 per sf)* | \$4,040.95 |

*Based on (65'X100') 6,500 sf lot

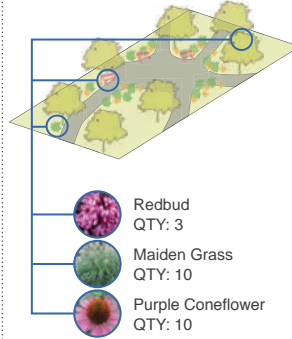
OUTDOOR CLASSROOM



COSTS + MATERIALS

| | |
|---|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Topsoil (\$2 ea for .75 cu ft) | \$4,300.00 |
| Gravel (\$3.15 ea for 2 cu ft) | \$2,586.15 |
| Benches (6) | \$1,200.00 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$1.38 per sf)* | \$9,001.15 |

COMMONS

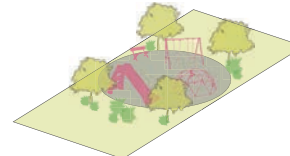


- Redbud
QTY: 3
- Maiden Grass
QTY: 10
- Purple Coneflower
QTY: 10

COSTS + MATERIALS

| | |
|---|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Redbud (3) | \$165.00 |
| Maiden Grass (10) | \$199.97 |
| Purple Coneflower (10) | \$249.90 |
| Gravel (\$3.15 ea for 2 cu ft) | \$2,586.15 |
| Benches (6) | \$1,200.00 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$0.82 per sf)* | \$5,316.02 |

PLAYSCAPE

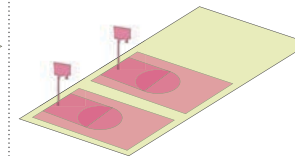


COSTS + MATERIALS

| | |
|---|--------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Sun/Shade Seed | \$50.00 |
| Wood Chips | \$2,392.00 |
| Benches (2) | \$400.00 |
| Fencing (100') | \$1,192.00 |
| Equipment (5-12) | \$38,000 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$6.60 per sf)* | \$42,949.00 |

*Based on (65'X100') 6,500 sf lot

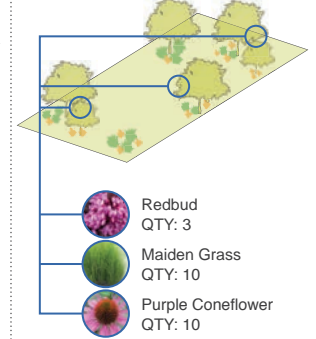
ATHLETIC COURTS



COSTS + MATERIALS

| | |
|---|--------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Court/Fence | \$30,000.00 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$4.76 per sf)* | \$30,915.00 |

PASSIVE RECREATION



- Redbud
QTY: 3
- Maiden Grass
QTY: 10
- Purple Coneflower
QTY: 10

COSTS + MATERIALS

| | |
|---|-------------------|
| Site Cleanup Trash/Debris | \$900.00 |
| Redbud (3) | \$165.00 |
| Maiden Grass (10) | \$199.97 |
| Purple Coneflower (10) | \$249.90 |
| Sun/Shade Seed | \$50.00 |
| Soil Testing | \$15.00 |
| Total Project Cost (\$0.24 per sf)* | \$1,579.87 |

MAY 2015

JOSH BAILS | SARAH CLARK | FAN FAN | NICHOLAS FAZIO | SEUL LEE
EVAN MARKARIAN | JAMIE SIMCHIK | XIANG YAN
URBAN + REGIONAL PLANNING PROGRAM
UNIVERSITY OF MICHIGAN