

**Construction Package**



# 8 Mile Rain Garden

Image Source: Pat Dumas, "Ruby Throated Hummer in Bee Balm 1." 04 July 2010 via Flickr, CC BY-NC-SA 2.0.



# 8 Mile Rain Garden Construction Plan

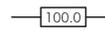
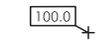
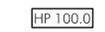
## Design Notes

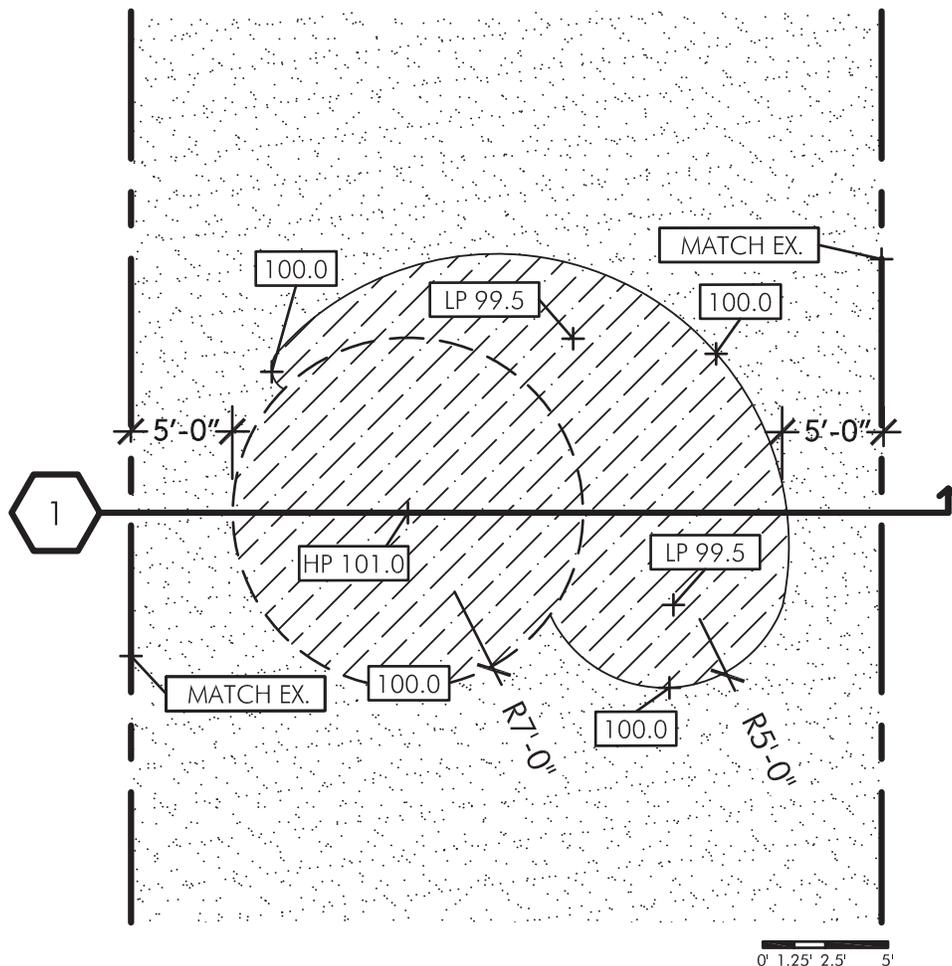
1.	It is the responsibility of the contractor to construct treatment in accordance with the published specifications of <u>Detroit Future City Field Guide to Working with Lots</u> .  This information is available at <a href="http://www.DFC-lots.com">www.DFC-lots.com</a>
2.	The design intent is for balanced earthwork, so that all excavated soil may remain on site.
3.	If it is determined that rain garden excavation must be deeper than illustrated, adjust size of earthen mound to accommodate soil, maintaining 50% slopes and avoiding drainage onto adjacent property. If this cannot be achieved, contractor to remove excess soil and dispose of legally.
4.	Existing grade is assumed to be +100.0. Grades are relative and should be adjusted to work with the topography of the selected site.
5.	Locate rain garden 10' minimum from all structures and 5' from all paved surfaces.

## Keyed Notes

 See Detail 1 - Rain Garden Section.

## Legend

	Property Line
	Contour
	Spot elevation
	High Point
	Low Point
	Low Maintenance Turf Seed
	Landscape Area



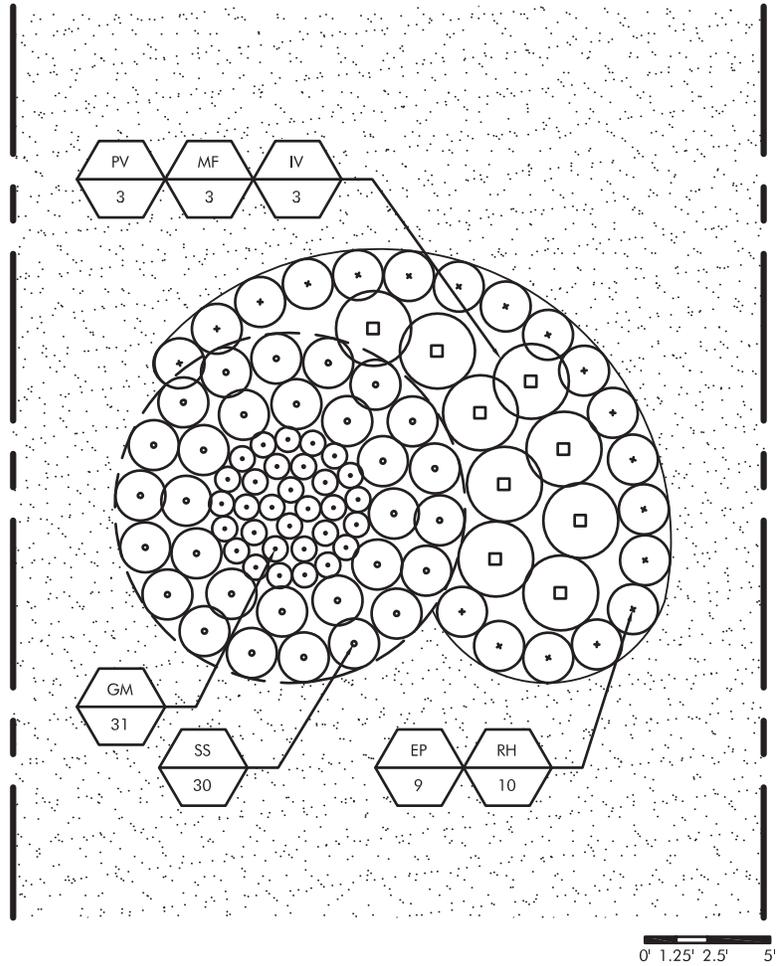
# Planting Plan Option 1 - Part Sun to Full Sun

Planting Notes	
<b>1.</b>	Verify plant species, and arrangement of rain garden plantings with owner prior to installation.
<b>2.</b>	Disperse Tulips within Geranium and Salvia plantings. Verify layout with owner prior to installation.
<b>3.</b>	All landscape beds to be covered with 3" of mulch.

**Legend**

- Property Line
- Low Maintenance Turf
- Mulch
- Perennial

Plant List				
<b>EP</b>	<b>9</b>	Purple Coneflower <i>Echinacea purpurea</i>	#3 Pot	1' O.C.
<b>GM</b>	<b>31</b>	Wild Geranium <i>Geranium maculatum</i>	#3 Pot	1' O.C.
<b>IV</b>	<b>3</b>	Blue Flag Iris <i>Iris virginica</i>	#3 Pot	1.5' O.C.
<b>MF</b>	<b>3</b>	Bee Balm <i>Monarda fistulosa</i>	#5 Pot	1.5' O.C.
<b>PV</b>	<b>3</b>	Switchgrass <i>Panicum virgatum</i>	#5 Pot	1.5' O.C.
<b>RH</b>	<b>10</b>	Black-Eyed Susan <i>Rudbeckia hirta</i>	#3 Pot	1' O.C.
<b>SS</b>	<b>30</b>	May Night Salvia <i>Salvia x sylvestris 'May Night'</i>	#3 Pot	1' O.C.
<b>T</b>	<b>100</b>	Assorted Tulips	Bulb	1' O.C.



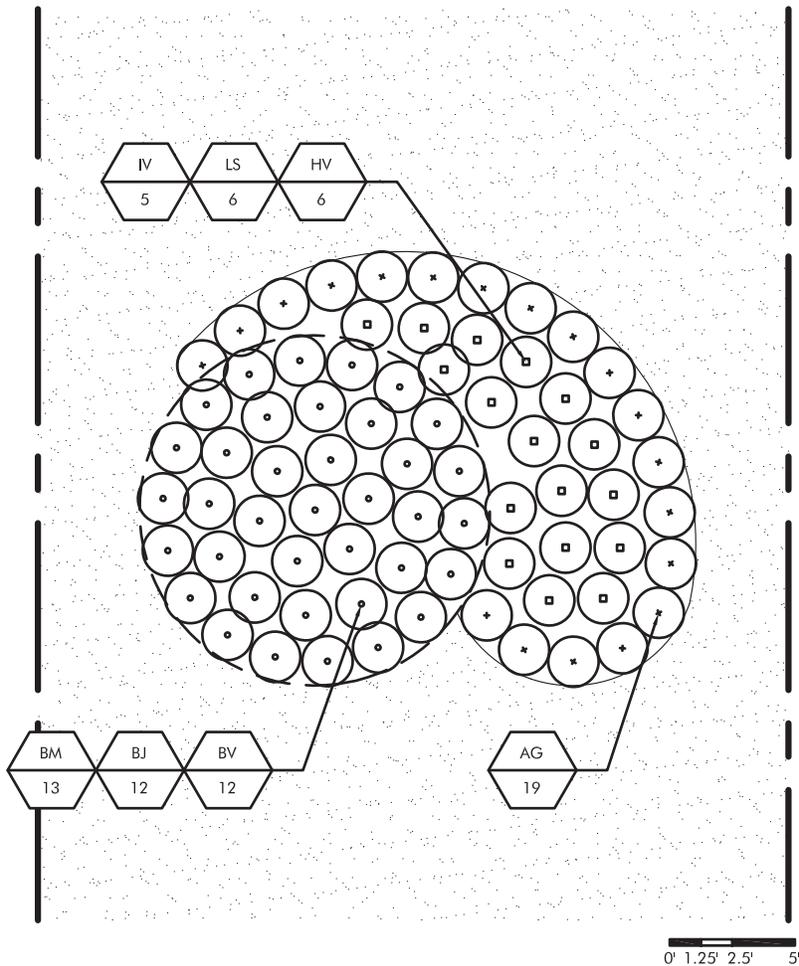
# Planting Plan Option 2 - Part Shade to Full Shade

Planting Notes	
<b>1.</b>	Verify plant species, and arrangement of rain garden plantings with owner prior to installation.
<b>2.</b>	All landscape beds to be covered with 3" of mulch.

**Legend**

- Property Line
- Low Maintenance Turf
- Mulch
- + Perennial
- o Perennial

Plant List				
<b>AG</b>	<b>19</b>	Grassy Leafed Sweet Flag <i>Acorus gramineus</i> 'Ogon'	#3 Pot	1' O.C.
<b>BJ</b>	<b>12</b>	Jack Frost Bugloss <i>Brunnera macrophylla</i> 'Jack Frost'	#3 Pot	1' O.C.
<b>BM</b>	<b>13</b>	Variegated Bugloss <i>Brunnera macrophylla</i>	#3 Pot	1' O.C.
<b>BV</b>	<b>12</b>	Variegated Siberian Bugloss <i>Brunnera macrophylla</i> 'Variagata'	#3 Pot	1' O.C.
<b>HV</b>	<b>6</b>	Virginia Waterleaf <i>Hydrophyllum virginianum</i>	#3 Pot	1' O.C.
<b>IV</b>	<b>5</b>	Blue Flag Iris <i>Iris virginica</i>	#3 Pot	1' O.C.
<b>LS</b>	<b>6</b>	Blue Cardinal Flower <i>Lobelia siphilitica</i>	#3 Pot	1' O.C.



# 8 Mile Rain Garden Details

## Detail 1 - Rain Garden Section

- |   |                       |   |  |
|---|-----------------------|---|--|
|  A | Proposed finish grade |  D | Soil fill using rain garden excavation |
|  B | Existing grade        |  E | Planting soil                          |
|  C | Existing subgrade     |  F | Property line                          |

