Grand Rapids BMPs
Joe Taylor Park
Water Quality Islands

How they work
This graphic illustrates the secret to how Water Quality Islands, like those installed on Plainfield Avenue NE, function to improve water quality in the Grand River.

Benefits of the Plainfield Islands

Economic
- Enhances the neighborhood
- Triggers additional investments
- Increases property values

Social
- Enhances pedestrian safety through traffic calming and increases driver awareness
- Heightens community pride
- Provides inspiration for social responsibility

Environment
- Filters out pollutants and keeps them from the Grand River
- Reduces the volume of water going to the river and decreases flooding
- Slows the velocity of water flowing to the river and minimizes erosion

CITY OF GRAND RAPIDS
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CRESTON
the north Quarter
LOWER GRAND RIVER ORGANIZATION OF WATERSHEDS

landscape architects
Downtown Market

PLANTING SOIL TRENCH AND STORMWATER INFILTRATION

SECTION A-A

NO SCALE
POROUS BRICK PAVING AND CONCRETE SIDEWALK - SECTION

- Porous Brick Paving Sidewalk
- 6" Reinforced Concrete with Weep Holes
- Curb and Gutter
- Stormwater Infiltration
- Perforated Pipe - Aeration and Stormwater Infiltration between Tree Pits
- Continuous Planting Soil Trench between Tree Pits
- Building Facade
- 4" Concrete Sidewalk with Thickened Edge
- Surface Drainage to Porous Brick Pavers
- Dowel at Thickened Edge and Back of Curb
Eastown Hub lot

COMING SOON!
(Construction Starts mid September)
Grand Rapids BMPs
CONTACT INFORMATION

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