

GREEN CAPITOLS PROJECT

RAIN HARVESTING AND GREEN ROOF INFRASTRUCTURE



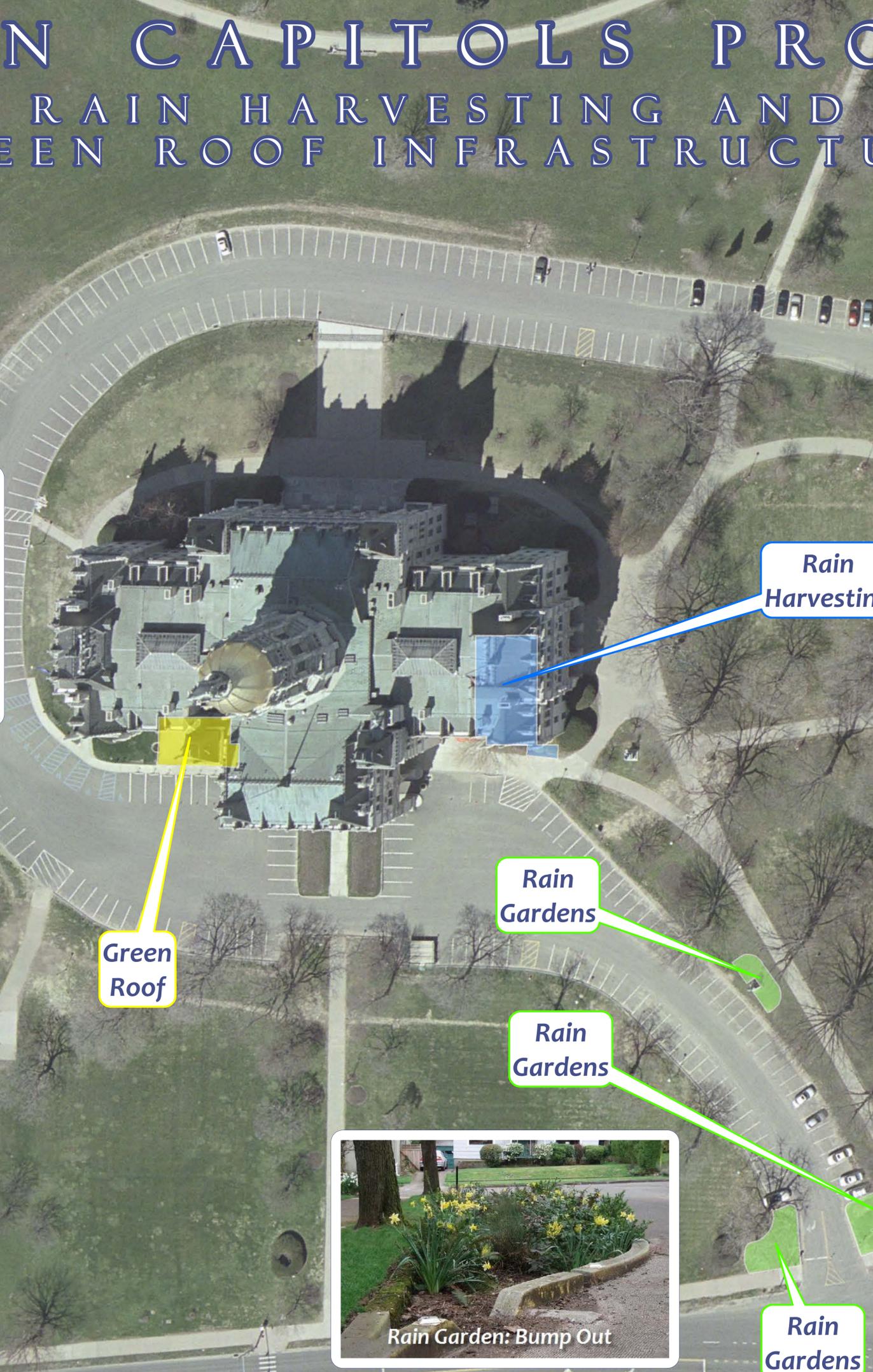
Green/Vegetated Roof

- Green/Vegetated Roof**
- Captures rainwater for evapotranspiration
 - Reduces heat island effect (reduces heating/cooling costs)
 - Reduces and delays runoff into storm drains
 - Provides ecological value to urban areas



Cistern

- Rainwater Harvesting (via Cisterns)**
- Captures and stores roof-top rainwater for future reuse (i.e. irrigation)
 - Capture valuable resource that would otherwise be lost to runoff or storm drains
 - Divert stormwater back to the landscape for irrigation
 - Conserve water and energy
 - Reduce water utility bills



Green Roof

Rain Harvesting

Rain Gardens

Rain Gardens

Rain Gardens



Rain Garden: Bump Out



Rain Garden

- Rain Gardens and Planters**
- Detains and filters rainwater runoff
 - Collects runoff from streets and parking lots
 - Reduces need for grey infrastructure
 - Provides ecological value and beautification to urban areas
 - Provides habitat for beneficial insects and birds
 - Recharges local groundwater resources
 - Filter pesticides and fertilizers from lawns

10 0 10 20 30 Feet
1 inch = 30 feet

MDC
Clean Water Project
the choice is clear

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