



SITING

- > 10' from, and downstream of building foundations
- pre-construction slopes < 8%
- > 2' from bottom of garden to seasonal high ground water
- conveyance from upstream impervious areas
- 10' from property line
- distance from septic and well _____ft
- site in appropriate soils for infiltration

DESIGN

- ponding depth 3-9"
- 5:1 side slopes, minimum
- determine soils type, moisture availability, sun exposure
- 30" adequate growing medium, specified soil mixes or natural top soil
- consider amended soil 50% sand, 30% compost and 20% topsoil, 30" deep
- see local ordinance for sizing
- compacted structural fill prevents erosion at overflow
- direct overflow away from structures
- choose appropriate plants, especially deep-rooted native vegetation. see standard planting guides
- use plug or container grown plant material spaced 1' on center
- shredded hardwood mulch or comparable non-floatable mulch

CONSTRUCTION

- sediment control of excavation required
- perimeter control required to prevent compaction, including foot traffic
- be prepared to water new plants if needed

MAINTENANCE

- periodic inspection and weeding needed
- may take up to 3 years to establish native vegetation
- provide maintenance and operations plan
- easement, title and performance bond required

SMALL RAIN GARDEN

**DUPAGE COUNTY
EXAMPLE DETAIL
FOR
RAIN GARDEN**

DATE: jUNE, 2017