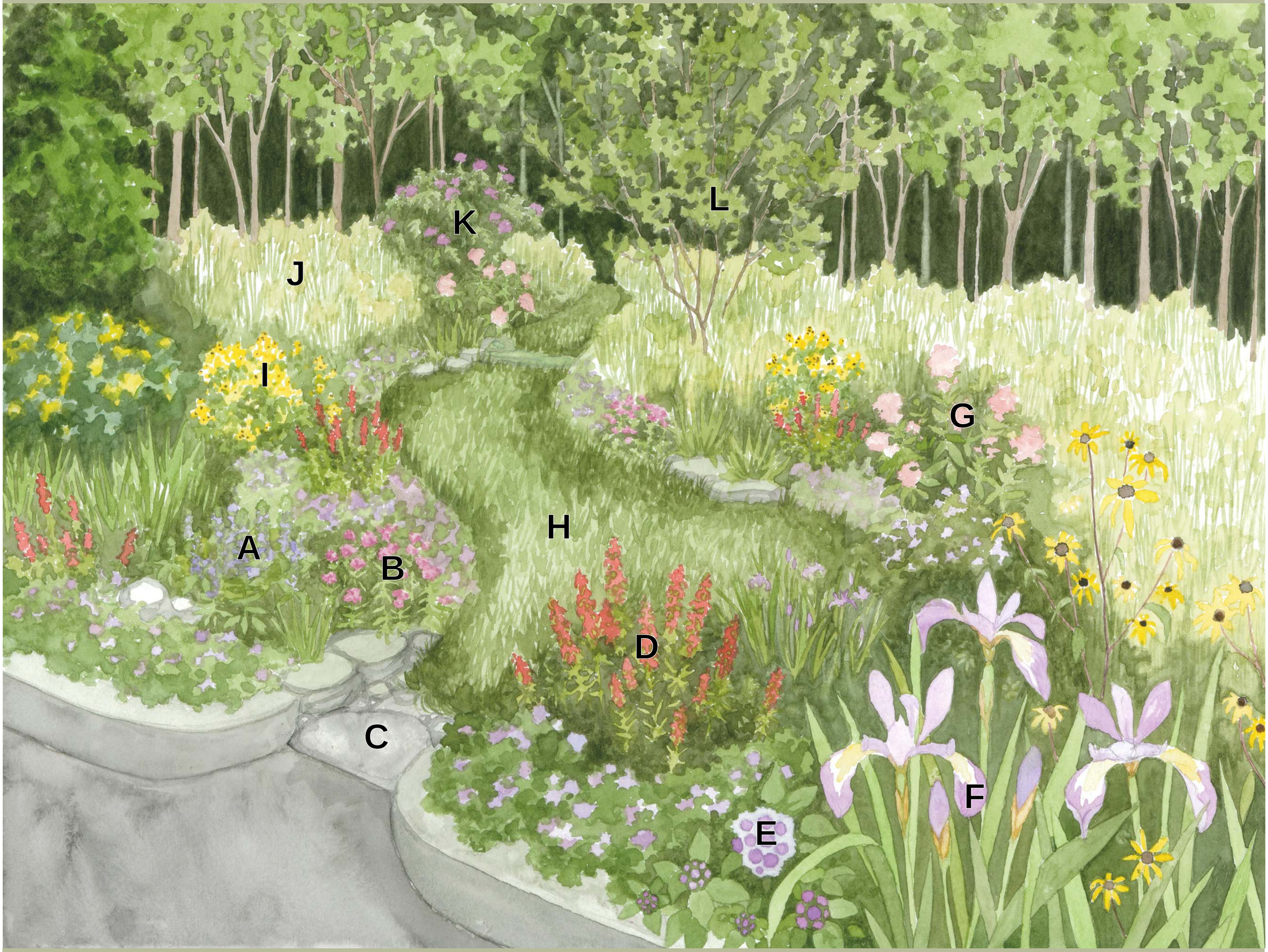
SUSTAINABLE LANDSCAPES

...rain garden

Creating *rain gardens* with native plants is a great way to solve stormwater runoff problems because they...

- reduce streambank erosion and flooding by slowing storm water runoff
- improve water quality by filtering pollutants and sediment from runoff
- help to recharge local ground water supplies
- minimize energy use by reducing mowing and the use of fertilizers
- increase biodiversity (variation of life forms within a given ecosystem)
- create more habitat and nesting sites for songbirds and other wildlife
- brings beauty, visual interest, and seasonal variation to the landscape

A Blue Lobelia *Lobelia cardinalis*
B Swamp Milkweed *Asclepias incarnata*
C Existing curb cut channeling storm runoff from pavement
D Cardinal Flower *Lobelia cardinalis*
E Wild Ageratum *Conoclinium coelestinum*
F Blue Flag Iris *Iris versicolor*
G Dwarf Joe Pye Weed *Eupatorium fistulosum*
H Cherokee Sedge *Carex cherokeensis*
I Brown-eyed Susan *Rudbeckia triloba*
J River Oats *Chasmanthium latifolium*
K Elderberry *Sambucus canadensis*
L Stream Alder *Alnus serrulata*



OAK RIDGE National Laboratory

Environmental Landscape Design Associates

This is a demonstration project of the Sustainable Landscapes Initiative, a collaborative effort involving Oak Ridge National Laboratory and Environmental Landscape Design Associates. The primary goal of this initiative is to enhance both the aesthetic appeal and the environmental quality of the Oak Ridge National Laboratory campus landscape. Please visit http://sustainability-ornl.org for more information.