## **PRAIRIE CROSSING |** Grayslake, Illinois



Size: 667 acres

Dates: 1986-ongoing

Team: Prairie Holdings Corporation

Description: Prairie Crossings is a residential development that aspires to

conserve and protect the ecology of the site

Intent: Enhance the environment, promote a healthy lifestyle, create a sense of place, build a sense of community, encourage economic and racial diversity, provide convenient and efficient transportation, conserve energy, foster lifelong learning and education, ensure attractive design and high quality construction, ensure economic viability



GOALS: (Food) Not defined; (Habitat+Biodiversity) 70% of the development set aside for preservation; (Transport) Not defined

STRATEGIES: (Food) 14 acre organic farm, plots can be leased, farmers market; (Habitat+Biodiversity) 22 acre lake, 160 acres of restored prairie, constructed wetlands, preserved wetlands, native landscaping is promoted; (Transport) 22 acre lake, 160 acres of restored prairie, constructed wetlands, preserved wetlands, native landscaping is promoted



GOALS: Utilize ecosystem services of stormwater filtration and retention

STRATEGIES: Rainwater infiltration, water efficient appliances, wetland restoration to filter storm water, stormwater management plan and case study



GOALS: Houses constructed to use 50% less energy

STRATEGIES: Energy star standard for energy efficient construction for condo buildings, LEED-ND certification, single family homes built to Building America Program standards, energy efficient appliances, school has geothermal heating, R-43 insulation in all ceilings



Percentage of affordable units: Not defined

GOALS: Not defined

STRATEGIES: Public access to streets, human scale design, town center, commuter train station, schools, community services, resident participation in organic farm, conservation education, percentage of housing sales donated to Liberty Prairie Reserve, art installations



GOALS: (Materials) High quality construction; (Waste) Not defined

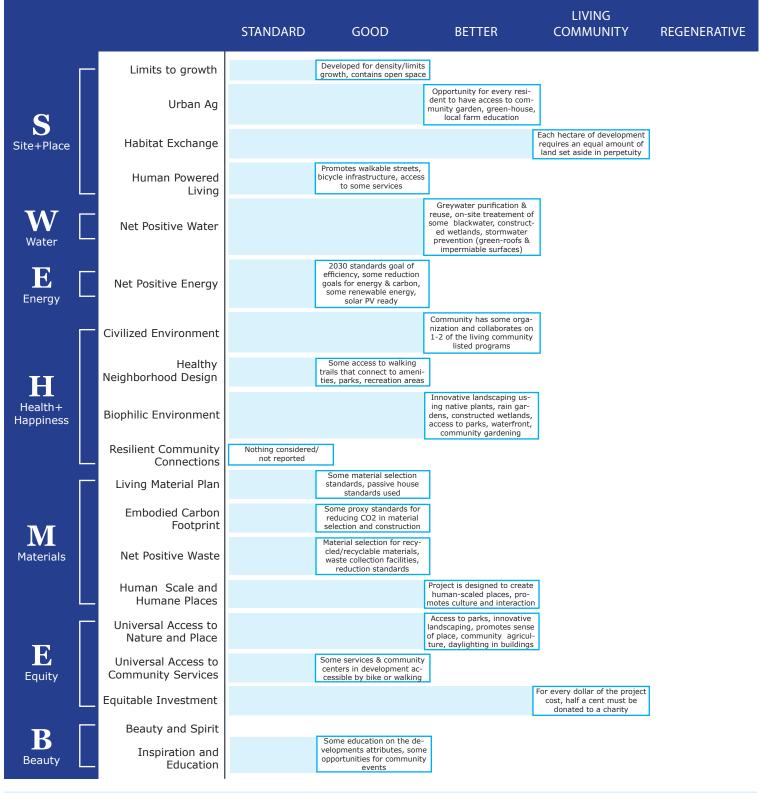
STRATEGIES: (Materials) Double air-barrier construction, use of recycled wood products, non-toxic glues, double glazed windows with argon cavity, reduction of construction waste by 20%; (Waste) Not reported







## SUSTAINABILITY MATRIX



## SOURCES:

http://prairiecrossing.com/ http://www.terrain.org/unsprawl/9/ American Forests. "Living Lightly on the Land." Summer 2001. Architectural Record. "Prairie Crossings Grayslake, Illinois." January 1999. In Business. "A New Model for Residential Development." September/October 1998. New York Times. "Developing an Illinois Suburb with Principles." July 11, 1999. New York Times. "It Takes a Pioneer to Save a Prairie." September 11, 1998





