FIELDS OF ST. CROIX

Lake Elmo, Minnesota, U.S



Size: 241 acres, 113 homes, 12 attached homes

Dates: 1999-2004

Team: Developer: Robert Engstrom

Description: The Fields of St. Croix is a planned suburban community focused on preserving the architectural heri-

tage and ecosystem of the region

Intent: Historic preservation, organic agriculture, ecological

restoration



GOALS: (Food) Preserve prime agriculture land; (Habitat+Biodiversity) Preserve native ecosystem in open space, protect and enhance eco-system services; (Transport) Promote a safe walkable neighborhood

STRATEGIES: (Food) 90 acre organic farm CSA is available, private gardens; (Habitat+Biodiversity) 144 acres (60%) of the land is put into a conservation easement, landscaping includes prairie, wetland buffers and oak savannas; (Transport) Narrow streets sized for use, walking paths, hiking trail, 5 miles from services, car dependent development



GOALS: 100% of waste water treated through innovative wetland wastewater treatment system

STRATEGIES: Storm water infiltration into groundwater, lake shoreline preservation, and private wells



GOALS:

STRATEGIES: Solar PV ready construction, guidelines for solar PV, otherwise standard construction



Percentage of affordable units: 0% GOALS:

STRATEGIES: Housing clustered around community green, community center, walking and biking paths around the acreage, community meetings



GOALS: (Materials) Cohesive aesthetics respond to architecture heritage; (Waste) Innovative wastewater treatment

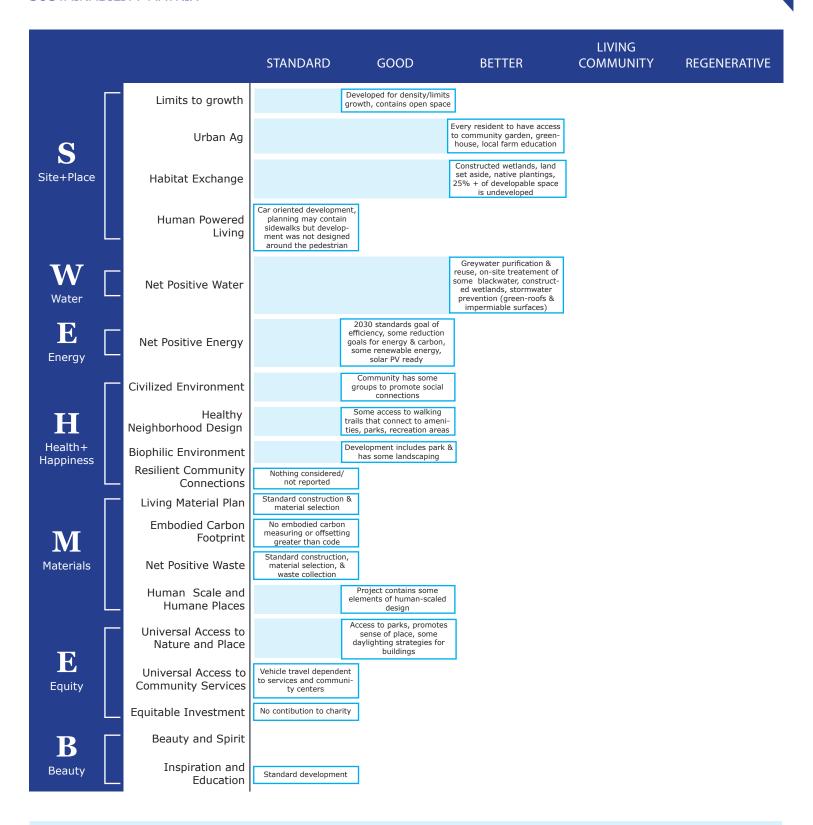
STRATEGIES: (Materials) Strict rules enforced by community board; (Waste) Waste collection







SUSTAINABILITY MATRIX



SOURCES:

http://www.robertengstromcompanies.com/prev_fields.html

http://www.engstromco.com/prev_fields https://fieldsofstcroix.wordpress.com/water-treatment-septic-documents/

http://www.lakeelmo.org/neighborhoods/fields-st-croix-tana-ridge-bluestem





