

## **Housing, Land Use and Transportation Sustainability Statement**

*As we aspire to move toward a truly sustainable urban community, the Corcoran Neighborhood Organization will mindfully put the principles of seventh generation thinking into practice in order to create a more socially, economically and culturally vibrant urban neighborhood. Our aim is to create within the city of Minneapolis an urban village that is connected to nature and the cycles of the seasons, restorative by design, thoughtful and compassionate in use of natural and social capital, and conscious of its stewardship for future generations.*

### **Performance Goals**

In an effort to guide development to meet the aspiration expressed in the sustainability statement, the CNO Housing / Land Use and Transportation Committee has adopted the following performance guidelines and targets. These targets are intended to augment other guidelines and programs that may be required by funding sources or the City of Minneapolis.

#### *Energy/Carbon Emissions Reduction (measure kBtu/sf/yr and CO@e/sf/yr)*

Meet the energy and GHG emission targets specified by the Minnesota 2030 Challenge. The fossil fuel reduction standard for all new buildings and major renovations at the time of construction shall be:

60% in 2010

70% in 2015

80% in 2020

90% in 2025

Carbon-neutral in 2030 (using no fossil fuel GHG emitting energy to operate).

#### *Potable Water Reduction (measure gallons/person/yr)*

Reduce potable water consumption on site thru building and landscape conservation methods in order to exceed the EPA Policy Act of 1992 threshold by a minimum of 30%.

#### *Solid Waste (tons)*

Reduce the amount of solid waste both during construction and throughout the lifetime of the project. Recycle 75% of all construction waste leaving the site. Provide effective in development recycling/composting for apartments and single family residents in order to reduce solid waste from homes by 50%.

#### *Storm Water*

Meet the City of Minneapolis and MPCA guidelines for onsite storm water retention. Improve water quality leaving the site by minimizing surface water pollutants and minimize impervious surfaces.

*Transportation (VMT/yr)*

Reduce vehicle miles traveled (VMT) through integration of multi-modal transportation planning that includes pedestrian, cycling and LRT/buses.

*Vegetation*

Increase the density and area cover of the urban canopy through the planting of a diversity of species. Aerial coverage should be a minimum of 50% to improve habitat and decrease heat island effect.

**Design and Technology**

As a companion to the CNO Housing / Land Use and Transportation Committee sustainability statement and performance goals the committee offers a list of technologies, amenities and ideas to inspire creative and innovative thinking in design of development and programs in Corcoran.

SITE

*Transportation* – Systems approach to the integration of bikes, LRT, bus, cars, car share, car pool (identification of policy and incentives); Alternate view – shape cities to reduce needs to move around. Strategies to support this are live work, local services, and local business development; Universal accessibility (actually making the city accessible not just checking the list – snow and wheelchairs);

*Physical Activities* – Seasonal opportunity, accessibility for disabled (also a transit issue), walkable neighborhood, bike friendly community planning;

*Vegetation* – habitat, edible landscape, fruit trees on boulevards, rain gardens, ash tree (emerald ash borer concern);

*Heat Island* – shade sidewalks, streets and parking lot (related strategy Vegetation);

*Night Sky* – habitat and flyway preservation; energy conservation;

*Food* – edible landscapes, fruit trees, urban farming;

BUILDING

*Operating Energy* – adopt 2030 Challenge guidelines for new and rehab; access the weatherization program to reduce demand and decrease need for infrastructure expansion; net positive energy generation;

*Potable Water* – reduce water consumption; grey water systems; rainwater catchment;

*Solid Waste* – multi-family recycling and composting; garbage and city pick-up improvement; liter reduction.