



Summary of vision for the ‘New Home’ facility...

- General** Create a showcase facility that can be a learning tool and an inspirational example for our membership, the public and the building profession
- Demonstrate leadership in state-of-the-art environmental and energy efficient design by using the most advanced, innovative and cost-effective products available
- Protect and enhance indoor air quality to ensure the health, comfort and productivity of the occupants
- Energy** Maximize environmental and financial benefits via:
- 1) energy efficiency
 - 2) renewable energy sources, and
 - 3) sale of excess energy
- Materials** Use innovative, natural, renewable, low-toxic and/or recycled materials in place of conventional materials, to reduce toxic emissions from unsustainable manufacturing processes, and to demonstrate these materials’ viability under actual conditions
- Structure** Demonstrate cutting-edge, cost-effective energy-efficient design and equipment throughout the building
- Grounds** Demonstrate environmentally-sound landscaping and water management practices
Site should include:
- 1) dock w/ room for 6 or 7 trailers
 - 2) parking for one box truck and one van
 - 3) parking for ?? cars

for a downloadable copy of this summary, and the full McHenry County Defenders “New Home” Project Intent statement, visit: www.designcoalition.org



Min. 5,100 ft²
Ceilings 16 ft. high

Recycling Center

A recycling facility that is convenient for the public to use, efficient for recycling workers to process and ship out materials, and unoffensive to other building occupants and neighbors

900 to 1,200 ft²
Ceilings at least 10 ft high

Re-Use Processing Center

Space to prepare items for sale that were donated to either sale shop or recycling center, including repairing, washing, pricing and storing items

800 to 1,100 ft²
Ceilings at least 10 ft. high

Sale Shop

A single location for all items for sale, whether new or used, big or small

(600 ft²)

Library

An inviting, comfortable and easy-to-use library to house the area's largest environmental collection, open to the public

(900 ft²)

Office

An ergonomically-efficient, harmonious place in which to run the day-to-day business of the organization and house its day-to-day documents, equipment and furnishings

(1,100 ft²)

Meeting Space

Flexible space to accommodate at least three committee meetings simultaneously, 22-person board meetings (±500 ft²), and 50-person public events (±600 ft²)

(250 ft²)

Kitchen

A kitchen both to meet the daily needs of building workers, and for up to four people to work simultaneously to serve larger events

(200 to 400 ft²)

Storage

A single, accessible, dry, well-organized storage area for all items not used on a daily basis

(150 to 400 ft²)

Restrooms

*A minimum of two restrooms, one for recycling staff, and one for office staff (150 ft²)
Alternatively, consider 2 larger restrooms, for all staff & public (400 ft²).*

(to be determined...)

Possible Foyer / Lobby / Rotunda

"Commons" into which public might enter to reach all spaces, to double as meeting space to accommodate 200 at annual meetings

Note: space to accommodate 200 persons = about 1,500 to 2,200 sq.ft.)

(to be determined...)

Possible Greenhouse

±200 ft² and on up...
(depends greatly on layout, no. of stories, elevator, etc)

Circulation Space

Space associated with entering and circulating to the various spaces in the facility. May "double-function" such as in the case of displays in a rotunda, etc.

10,000 to 12,150 ft²

Total "Net" Square Footage (not including mechanical space, wall thicknesses, circulation, etc.

