



PROJECT NARRATIVE

PROJECT:

Goodwill Industries of Southeastern WI, Inc. - Beaver Dam Retail Store
Architect's Project Number: 07806

DATE:

October 27, 2008

Goodwill Industries, a non-profit organization, where standard business practices include the recycling of clothing, books, metal and cardboard will be opening a new store in Beaver Dam, Wisconsin. This new location will provide work for approximately fifteen full time and part time employees while serving a peak load of 200 visitors at any time. Primarily a retail store for customers, a drop-off center for donations and a back of house storage area which recycles clothing and other goods will also be situated inside this facility. With an objective to attain a LEED certification rating for all new Goodwill Industries locations, this building and site area will employ many sustainable technologies that will help to achieve their goal for this project site.

Located within a light industrial zone on a 110, 492 square foot parcel, the site will contain 32,275 square feet of open space and provide reserved parking in favor of Fuel-Efficient and Low-Emitting vehicles for 5% of the building occupants.

Daylighting techniques will be properly utilized by orientating the buildings main entrance to the South and placing large, low-e windows at the store front in order to draw natural light in to the Sales floor. Additionally, awnings will be mounted above the windows to reduce glare caused by the sun. Clerestory windows on the north wall of the

Sales floor and skylights throughout the building will provide natural light for all occupants.

Another energy savings feature to be included is the Firestone Ultraply TPO - "standard white color" roofing material that will be used on the project. With an initial reflectance of .790 and an emittance of .920, a total SRI value performance of 99 indicates a significant reduction towards the heat island effect.

Utilizing water efficient, low-flow fixtures, the building will have an annual water savings of 46% compared to baseline standard specifications, helping to qualify for an Innovation in Design exemplary performance credit by exceeding the minimum by 26%. This savings will assist in conserving municipal water supplies caused by extensive use.

During the construction phase careful attention will be given to the management of waste generated by construction activities. 50% of waste that is produced from construction will be documented and then diverted from disposal. The building will include recycled products and materials which will constitute at least 10% of the total cost of materials for the project. Additionally, a minimum of 10% of the materials used will be manufactured or harvested within 500 miles of the project site. This includes stones that will be removed from the site during excavation, crushed on-site and then used in the construction of the building. These strategies help to decrease impacts resulting from transportation of goods and the extraction process of raw materials.

Lastly, materials such as carpets, sealants, adhesives, paints and composite wood/agrifiber will all be Low-Emitting materials. In addition, all cleaning supplies used by the staff will be environmentally friendly. These products help to improve indoor air

quality for occupants by decreasing levels of Volatile Organic Compounds that are released into the air.