



# *Green Buildings in Michigan*

## **I. LEED Buildings**

Updated: July 8<sup>th</sup>, 2013

LEED buildings are independently verified as green under the US Green Building Council's (USGBC) Leadership in Energy and Environmental Design (LEED) program. These buildings are initially registered to begin the process with the intent of obtaining certification at one of four levels: certified, silver, gold or platinum. The enclosed projects are also available at the US Green Building Council's website at [www.usgbc.org](http://www.usgbc.org) under 'Project Directory'.

Total Projects Registered: 941

Total LEED Certified Projects: 410

Note: Confidential Projects:

Projects can register with the USGBC and remain confidential. These projects are not included in lists of registered or certified projects, protecting the privacy of the homeowner. Adding the number of confidential projects to the number of listed projects shows a more complete extent of the state's green building effort. This total above included 245 confidential projects in Michigan.

Total LEED Certified Non-Confidential Projects: 352

### **Types of Certification:**

LEED certification comes in many shapes and forms to fill the many niches present in the construction industry. Here is a breakdown of the major categories of LEED certification, each with a different set of criteria, along with the number of projects certified in Michigan:

- **New Construction and Major Renovation:** 270  
Focused primarily on design and construction, this category deals with new buildings or very large renovations
- **Existing Buildings:** 33  
This category is designed for improving the efficiency and sustainability of a building using the existing framework. After all, using an existing building uses far less energy than constructing a new one. This certification focuses on reducing environmental impact and essentially all buildings are eligible.

- **Core and Shell:** 18  
This certification focuses essentially on the design and construction of the building's core and shell, for buildings that the builder has no control over the interior design and construction. For example, retail centers, medical facilities or warehouses.
- **Commercial Interior** 58  
The exact opposite of the above, where the developer has no control over the existing structure of the building, and is seeking LEED certification for the interior, this focuses primarily on tenants who rent space or don't own the entire building.
- **Retail:** 8  
Since Retail buildings have often different requirements and dynamics, there is a separate LEED certification zeroing in on making retail stores sustainable and efficient.
- **Schools:** 10  
Custom tailored to the unique needs of school facilities, LEED school focuses on energy efficiency, mold and bacteria prevention.
- **Neighborhood Development:**  
As of 2013 no communities in Michigan have been awarded this certification. LEED for neighborhoods takes green building to the next level by applying it to a larger group of buildings. This promotes a healthy and sustainable neighborhood for families.

<b>LEED Certified:</b>	<b>136 Projects</b>
<b>Silver LEED Certification:</b>	<b>107 Projects</b>
<b>Gold LEED Certification:</b>	<b>93 Projects</b>
<b>Platinum LEED Certification:</b>	<b>12 Projects</b>

## II. Energy Star Buildings

Energy Star is a federal program for manufacturing energy efficient appliances commercial buildings and new homes. The focus of this program is primarily energy efficiency. In 2008, both Detroit and Grand Rapids made the top 25 cities in the nation for the number of Energy Star buildings. There are **765 Energy Star certified commercial buildings** in Michigan that included: offices, schools and grocery stores. To see the list [click on this link](#): (Click "Find Labeled buildings") There are **10,607 Energy Star homes** in Michigan. The number is listed on the [builders listing here](#).

### Energy Star in Michigan:

Commercial Buildings:	765
Energy Star Certified Homes:	10,607

## III. Green Homes

To view a list of 'green' homes, see the referenced web sites.

### ***Energy Star Homes*** 10,607 Total

Energy Star Homes is a federal program for building energy efficient new homes. This program only certifies a homes energy efficiency. (Green building programs also address health and the environment.) The total above is the number of Energy Star homes in Michigan. [Click here](#) for the updated statistics.

### ***Green Built*** Unknown Total

[Green Built Michigan](#) is a member organization of the Michigan Association of Home Builders. Like the LEED program, this certification program considers energy efficiency, comfort, and health issues. This program complies with the National Association of Home Builder's high standards for construction, the [National Green Building Standard \(NGBS\)](#) The Green Built Michigan web site does not provide the number of homes certified by their program.

### ***LEED Homes*** 293 Total

LEED home construction didn't begin in Michigan until 2006. The number of LEED certified residential units in Michigan (including 2 platinum LEED homes) continue to increase. These are mostly in west Michigan and are listed on the USGBC residential Home ratings web page. You can view many of these projects at the Alliance for Environmental Sustainability website at: [www.alliances.org](http://www.alliances.org) (The Alliance is the LEED provider for Home certifications in Michigan) [www.greenhomeguide.org](http://www.greenhomeguide.org)

## Platinum LEED Certified in Michigan

Project Name	Address	City	Certification Type	Points
Steelcase WorkLab	1101 44th Street SE	Grand Rapids	Commercial Interior	42
The Christman Company Grand Rapids Office		Grand Rapids	Commercial Interior	44
The Christman Company HQ Fit-Out	208 N. Capitol Ave.	Lansing	Commercial Interior	47
The Christman Building	208 North Capitol	Lansing	Core & Shell	49
Michigan Energy Options	405 Grove	East Lansing	Existing Building	81
Cascade Engineering - Learning Community	3400 Innovation Court	Grand Rapids	Existing Building	64
The Christman Building LEED-EB	208 N. Capitol Ave.	Lansing	Existing Building	88
Whirlpool Downtown Campus Building 1	600 W Main Street	Benton Harbor	New Construction	80
The Elizabeth Lane Oliver Art Center	100 Coast Guard Road	Frankfort	New Construction	52
502 Second Street	502 Second Street	Grand Rapids	New Construction	66
Van Andel Institute Phase 2	333 Bostwick Avenue. NE	Grand Rapids	New Construction	52
Kresge Foundation Headquarters	3214 West Big Beaver Road	Troy	New Construction	52

## Gold LEED Certified in Michigan

Project Name	Street	City	Certification Type	Points
210 E. Huron Renovation	210 E. Huron	Ann Arbor	Commercial Interior	32
Project Green	157 Hoover Avenue	Ann Arbor	Commercial Interior	32
Deloitte –Detroit	200 Renaissance Center, Suite 3900	Detroit	Commercial Interior	63
PNC Bank Branch - Seven Mile Road	20300 West Seven Mile Road	Detroit	Commercial Interior	61
Plante & Moran Grand Rapids Office	634 Front Avenue NW	Grand Rapid	Commercial Interior	33
Catherines Health Center	1211 Layfayette Ave. NE	Grand Rapids	Commercial Interior	60
GMB GR Lab	2025 East Beltline SE	Grand Rapids	Commercial Interior	64
West Michigan Environmental Action Council	1007 Lake Drive	Grand Rapids	Commercial Interior	32
Herman Miller Front Door Renovation	375 West 48th Street	Holland	Commercial Interior	32
	2713 Preyde Boulevard	Lansing	Commercial Interior	61
Herman Miller Bldg B west Renovation	855 East Main Ave.	Zeeland	Commercial Interior	40
Bicycle Factory - Grand Valley State University	201 Front Street SW	Grand Rapids	Commercial Interiors	32
Fairlane Green Phase I	Fairlane Dr and Oakwood Blvd	Allen Park	Core and Shell	34
East Hills Center	1001 Lake Drive SE	Grand Rapids	Core and Shell	36
Front Street Property	600 Front Ave	Grand Rapids	Core and Shell	34
Plaza East	99 East Eighth Street	Holland	Core and Shell	35
InterAct	610 South Burdick Street	Kalamazoo	Core and Shell	38
Campau Square Plaza	99 Monroe Ave NW	Grand Rapids	Existing Building	51
The Felt Estate Restoration	6597 138th Ave.	Holland	Existing Building	51
College of Health & Human Services	1903 W Michigan Ave	Kalamazoo	Existing Building	50
Nichols Paper and Supply	Muskegon Distribution Center	Spring Lake	Existing Building	52
LaSalle Bank Financial Center	2600 W. Big Beaver Road	Troy	Existing Building	49
MLK Senior High School Addition	3200 East Lafayette Street	Detroit	LEED for Schools	62
Kalamazoo Public Schools	Arboretum Road	Kalamazoo	LEED for Schools	45

Middle School				
KRESA New Special Education Building	1819 Milham Rd.	Kalamazoo	LEED for Schools	44
GVSU Living Center 2010	1 Campus Drive	Allendale	New Construction	39
GVSU Movement Sciences Facility	1 Campus Drive	Allendale	New Construction	39
Alpena Replace Troop Quarters	5884 A Street	Alpena	New Construction	39
Thunder Bay National Marine Sanctuary	Fletcher St.	Alpena	New Construction	42
Ann Arbor Municipal Center	300 E. Huron Street	Ann Arbor	New Construction	44
IMRA America Building 4	1044 Woodridge Avenue	Ann Arbor	New Construction	40
S.T. Dana Building Renovations	430 E. University	Ann Arbor	New Construction	40
University of Michigan Crisler Center	333 E Stadium Blvd	Ann Arbor	New Construction	69
University of Michigan Law School South Hall	701 South State Street	Ann Arbor	New Construction	43
Washtenaw Community College Health and Fitness Center	4833 E Huron Drive	Ann Arbor	New Construction	43
MDEQ Bay City	401 Ketchum St.	Bay City	New Construction	42
Strategic Energy Solutions, Inc.	4000 W. 11 Mile Road	Berkley	New Construction	42
Ferris State University - East Campus Housing	Damascus Street	Big Rapids	New Construction	39
Michigan College of Optometry	111 W. Knollview Drive	Big Rapids	New Construction	42
Ford Rouge Visitor Center	3001 Miller Road	Dearborn	New Construction	39
US CIS Detroit District Office	11411 East Jefferson	Detroit	New Construction	39
US Customs Hangar 1422	Hangar 1422	Detroit	New Construction	39
Pokagon Community Center	27043 Potawatomi Trail	Dowagiac	New Construction	62
Michigan State University Recycling Center	111 Auxiliary Road	East Lansing	New Construction	40
MSU Federal Credit Union HQ BU	3777 West Rd.	East Lansing	New Construction	39
Farmington Hills Revitalization Project	31555 Eleven Mile Road	Farmington Hills	New Construction	42
101 S. Division Lofts Apartments	101 S. Division Ave.	Grand Rapids	New Construction	40
425 Pleasant SW	425 Pleasant SW	Grand Rapids	New Construction	45
Calvin College Bunker	1700 East Beltline	Grand Rapids	New Construction	44

Interpretive Center	Ave.			
Cook Library Center	1100 Grandville Ave. SW	Grand Rapids	New Construction	39
Division Park Avenue LDHALP	209 And 217 S. Division Ave	Grand Rapids	New Construction	60
Ferris State University- Federal Building Renovation	155 N. Division Ave.	Grand Rapids	New Construction	40
Grand Rapids Art Museum	101 Monroe Center SW	Grand Rapids	New Construction	42
Helen Devos Children's Hospital	100 Michigan St. N.E.	Grand Rapids	New Construction	40
Hispanic Center of West Michigan	1204 Grandville Ave. SE	Grand Rapids	New Construction	39
Inner City Christian Federation	920 Cherry SE	Grand Rapids	New Construction	45
Lemmen-Holton Cancer Pavilion	145 Michigan St. N.E.	Grand Rapids	New Construction	39
Ray & Joan Kroc Community Center	2500 South Division	Grand Rapids	New Construction	44
Serrano Lofts LDHA LP	17 Williams Street SW	Grand Rapids	New Construction	65
Sophias House	210 Lafayette Street SE	Grand Rapids	New Construction	60
The Secchia Center	15 Michigan St. NE	Grand Rapids	New Construction	40
Verne Barry Center	62 Commerce SW	Grand Rapids	New Construction	40
Hastings Public Library	227 EAST State St.	Hastings	New Construction	39
LaFontaine Automotive Campus	Highway M-59	Highland	New Construction	45
CityFlats Hotel - Charter House Holdings	61 East 7th Street	Holland	New Construction	39
One Haworth Center	1 Haworth Center	Holland	New Construction	45
Jackson Community College CV2	2111 Emmons Road	Jackson	New Construction	39
KPS New Elementary	9th Street	Kalamazoo	New Construction	42
Accident Fund National Headquarters	300 N. Grand Avenue	Lansing	New Construction	39
General Motors Lansing Delta Township Assembly Plant	8175 Millett Highway	Lansing	New Construction	39
New Science + Media Building	Madonna University	Livonia	New Construction	40
Chrysler - Marysville Axle Plant	2900 Busha Highway	Marysville	New Construction	40
Chippewa Nature Center	400 S. Badour Road Rt. 9	Midland	New Construction	42

Central Michigan University - College of Education	195 East Ojibway Court	Mount Pleasant	New Construction	40
Michigan Alternative and Renewable Energy Center	200 Viridian Drive	Muskegon	New Construction	46
Delta Dental of Michigan	4100 Okemos Rd.	Okemos	New Construction	44
Ray Connect Industrial	2350 Austin Avenue	Rochester Hills	New Construction	39
WSCC Arts and Sciences Center	3000 North Stiles Road	Scottville	New Construction	43
Selfridge ANG Squad Ops	Selfridge Air National Guard Base, MI	Selfridge ANGB, MI	New Construction	39
BAE Systems - Sterling Heights Facility	34201 Vandyke Avenue	Sterling Heights	New Construction	42
Abbott Nutrition	123 Lafayette Street	Sturgis	New Construction	39
Bay Area Transportation Author	115 Hall Street	Traverse City	New Construction	39
Cottage 36 - TC Commons II LDHA LLC	1015 Red Drive	Traverse City	New Construction	61
Grand Traverse Metro Fire Station 12	1785 East Silver Lake Road North	Traverse City	New Construction	42
Chrysler Trenton Engine Plant	2300 Van Horn Rd.	Trenton	New Construction	45
Walsh College Addition	3838 Livernois Road	Troy	New Construction	39
Oakland County International Airport	6500 Highland Road	Waterford	New Construction	40
Ottawa County Parks Nature Education Center	West Olive Dr.	West Olive	New Construction	46
Mark Jefferson Science Complex	Eastern Michigan University	Ypsilanti	New Construction	41
Herman Miller C1 Main Site	855 East Main Street	Zeeland	New Construction	41
The Herman Miller MarketPlace	8460 Homestead Dr	Zeeland Township	New Construction	39

## Silver LEED Certified Projects in Michigan

Project Name	Street	City	Certification Type	Points
412 Bloomfield Hills, MI	216 Telegraph Rd	Bloomfield	Commercial Interior	28
Smart USA Headquarters & Dealership	1765 S. Telegraph Rd.	Bloomfield Hills	Commercial Interior	29
Facility Solutions 14 Mile Office	19015 E. 14 Mile Rd	Clinton Township	Commercial Interior	53
Walbridge Aldinger Project WOW	1 Kennedy Square	Detroit	Commercial Interior	27
United Way for Southeastern Michigan	660 Woodward Ave	Detroit	Commercial Interior	28
West Michigan Center for Arts and Technology	98 E. Fulton	Grand Rapids	Commercial Interior	27
Cisco-Grand Rapids	1575 Arboretum Drive	Grand Rapids	Commercial Interior	31
Aquinas College Academic Building	1607 Robinson Rd SE	Grand Rapids	Commercial Interior	27
Goodrich Apartments	339 Division Av South	Grand Rapids	Commercial Interior	52
Warren Hall Renovation	427 East Fulton	Grand Rapids	Commercial Interior	54
Mel Trotter	255 Commerce SW	Grand Rapids	Commercial Interior	54
Deloitte Grand Rapids	38 Commerce St	Grand Rapids	Commercial Interior	57
1975 E Beltline Ave NE	1975 E Beltline Ave NE	Grand Rapids	Commercial Interior	50
Boardman Road	Boardman Road	Jackson	Commercial Interior	51
The Christman Building Tenant Space	208 N. Capitol Avenue	Lansing	Commercial Interior	27
2212 South Mission, Suite 19/20	2212 South Mission, Suite 19/20	Mount Pleasant	Commercial Interior	50
Central Michigan University Ronan Hall Renovation	Washington Street	Mt. Pleasant	Commercial Interior	30
inFORM Studio	235 E. Main Street	Northville	Commercial Interior	31
CRA Services	200 Allegan	Plainwell	Commercial Interior	52
Morgan Stanley-Rochester, MI	1108 North Main Street	Rochester	Commercial Interior	27
29024 Gratiot Avenue	29024 Gratiot Avenue	Roseville	Commercial Interior	51
URS Southfield Office	27777 Franklin Road, Ste 2000	Southfield	Commercial Interior	28
Herman Miller IT North Renovation	855 East Main Avenue	Zeeland	Commercial Interior	29
Fairmount Square Retail Building	959 Wealthy St. SE	Grand Rapids	Core and Shell	28
Boland Building	1331 Lake Drive SE	Grand Rapids	Core and Shell	29
35 Michigan	35 Michigan Street	Grand Rapids	Core and Shell	29
Harborside Office Center	1411 3rd Street	Port Huron	Core and Shell	32

METRO Health Village Physician Office Building	2080 Health Dr, SW	Wyoming	Core and Shell	29
Kohls Battle Creek	12765 Harper Village Dr	Battle Creek	Existing Building	53
Corporate Crossings	550 Town Center Drive	Dearborn	Existing Building	44
Progressive AE	1811 4 Mile Road NE	Grand Rapids	Existing Building	40
Chemistry Building	1903 W. Michigan Ave.	Kalamazoo	Existing Building	54
Kohls Okemos	1710 Newman Rd.	Okemos	Existing Building	50
Stryker Medical	3800 E. Centre Ave.	Portage	Existing Building	44
DPS Gompers PK-8 School	14450 Burt Road	Detroit	LEED for Schools	52
DPS Clark Park PK-8 School	1000 Scotten Street	Detroit	LEED for Schools	50
Albion College Science Complex	200 N. Hannah Street	Albion	New Construction	34
Meijer Store 233	Fairlane Blvd.	Allen Park	New Construction	34
Lake Ontario Hall	1 Campus Drive	Allendale	New Construction	34
GVSU Honors College & Housing 2008	4046 Calder Dr.	Allendale	New Construction	37
Mackinac Hall 2008 Addition	One Campus Drive	Allendale	New Construction	34
GVSU Learning - Dining 2010	1 Campus Drive	Allendale	New Construction	33
Alma College Hogan Athletic Center	614 West Superior Street	Alma	New Construction	35
Alpena CBOC Buildout	180 N. State Street	Alpena	New Construction	36
NSF Building Addition	789 Dixboro Rd.	Ann Arbor	New Construction	34
Skyline High School	2555 Maple Road	Ann Arbor	New Construction	35
ALDI - Ann Arbor, MI	2340 Dexter Avenue	Ann Arbor	New Construction	35
Packard House Addition	523 Packard	Ann Arbor	New Construction	37
Cooley Law School Featherstone	2630 Featherstone Rd	Auburn Hills	New Construction	33
Henniges	2750 High Meadow Circle	Auburn Hills	New Construction	54
Fort Custer Maintenance Shop	2501 26th Street	Augusta	New Construction	52
Navy Operational Supply Center-Battle Creek	2000 Vlug Street	Augusta	New Construction	56
Summit Building Services	2943 W. Dickman	Battle Creek	New Construction	33
Steelcase Wood Furniture Manufacturing P	4100 68th Street	Caledonia	New Construction	30
Ford Product Review Center	20050 Oakwood Blvd.	Dearborn	New Construction	34
LaFontaine Volkswagen	2200 S. Telegraph Rd.	Dearborn	New Construction	55

WSU Engineering Development Center	5050 Anthony Wayne	Detroit	New Construction	33
Mazurek Medical Education Commons	Wayne State Univ School of Medicine 320 E. Canfield	Detroit	New Construction	34
LaFontaine Chevrolet Dexter	7120 Dexter-Ann Arbor Rd.	Dexter	New Construction	52
Michigan State University Chemistry	Southeast Corner of South Shaw	East Lansing	New Construction	35
Botsford Comprehensive Cancer Center	27900 Grand River Road	Farmington Hills	New Construction	35
The Innovation Center at Kettering Univ.	1300 Bluff Street	Flint	New Construction	35
New Health Center	2221 1-1/2 Mile Road	Fulton	New Construction	34
Forest Hills Fine Arts Center	600 Forest Hill Avenue	Grand Rapids	New Construction	33
Bazzani Associates Headquarters	959 Wealthy Street SE	Grand Rapids	New Construction	34
American Cancer Society Hope Lodge	149 Cherry St. S.E.	Grand Rapids	New Construction	33
Aquinas College Library	1607 Robinson Road, SE	Grand Rapids	New Construction	35
GRPS Harrison Park Schools	1440 Davis NW	Grand Rapids	New Construction	33
ABC Corporate Office	1000 Newfield Road SE	Grand Rapids	New Construction	33
Nucraft Furniture	5151 West River Dr.	Grand Rapids	New Construction	33
Kent County Human Services	121 Franklin St	Grand Rapids	New Construction	37
Grand Rapids Community Foundation	185 Oakes Street SW	Grand Rapids	New Construction	36
Frederik Meijer Gardens & Sculpture Park	1000 East Beltline Ave NE	Grand Rapids	New Construction	34
LINC Development Center	1167 Madison Ave	Grand Rapids	New Construction	34
Network 180	728 Fuller Ave	Grand Rapids	New Construction	34
Betty Van Andel Opera Building	1320 Fulton St SE	Grand Rapids	New Construction	34
Goodwill Industries - Cascade	2700 Kraft Ave. SE	Grand Rapids	New Construction	52
Brewery Vivant	925 Cherry St	Grand Rapids	New Construction	52
Harper Woods Public Library Renovation	19601 Harper Avenue	Harper Woods	New Construction	34
KBS Dairy & Research Facility	10461 North 40th Street	Hickory Corners	New Construction	37
Boys and Girls Club of Holland	Riley Street	Holland	New Construction	33

Consumers Energy Service Center	1000 Grand Oaks Dr.	Howell	New Construction	36
Hicks Center Renovation	1200 Academy Street	Kalamazoo	New Construction	34
Fabri-Kal Kalamazoo	4141 Manchester Road	Kalamazoo	New Construction	34
KVCC Student Services Addition	6767 West " Ave"	Kalamazoo	New Construction	50
Stobert Dental PC	962 Old M-66 N.E.	Kalkaska	New Construction	35
Delta Township District Library	5130 Davenport Drive	Lansing	New Construction	34
Lake Trust Credit Union South Lansing	6640 South Pennsylvania Ave.	Lansing	New Construction	55
Northern Michigan University, Van Antwerp Hall	1401 Presque Isle Avenue	Marquette	New Construction	33
NMU Hunt Hall Renovation	1401 Presque Isle Ave	Marquette	New Construction	34
Dow - BPSC Facility	2511 East Patrick Road	Midland	New Construction	51
CMU - Health Professions Building Addition	Central Michigan University	Mount Pleasant	New Construction	35
GSA-SSA	Broomfield /Sweeney Road	Mount Pleasant	New Construction	52
Sidock Building	379 West Western Avenue	Muskegon	New Construction	35
JPra Architects Office Building	41050 West 11 Mile Road	Novi	New Construction	37
Otsego District Public Library	401 Dix Street	Otsego	New Construction	36
Saginaw VA - MHAF	4241 Barnard St.	Saginaw	New Construction	55
West Shore Community College Student Learning Center	3000 N. Stiles Rd	Scottville, MI 49545	New Construction	35
Student Services Center	21000 West Ten Mile	Southfield, Mi	New Construction	33
Crystal Mountain Spa and Athletic Center	12500 Crystal Mountain Dr.	Thompsonville	New Construction	33
Old Town Parking Deck	125 East 8th Street	Traverse City	New Construction	59
Saginaw Valley State University	Pioneer Hall	University Center	New Construction	35
Twin Oaks / MDEQ Warren Office	27700 Donald Court	Warren	New Construction	33
Watersmeet/Iron River Ranger District Office	E23979 USH 2 East	Watersmeet	New Construction	33
West Bloomfield Hospital	6775 West Maple Road	West Bloomfield	New Construction	34
New Whitmore Lake High School	Whitmore Lake Road	Whitmore Lake	New Construction	35

If you would like to learn more, check out the DEQ's Green Construction Website at [www.michigan.gov/deqconstruction](http://www.michigan.gov/deqconstruction).

If you have any questions, please call the Environmental Assistance Center at **1-800-662-9278**