

# Madison Central Library Renovation

## LEED BD+C: New Construction (v2009)

GOLD, AWARDED JUL 2014

**SUSTAINABLE SITES**

AWARDED: 17 / 26

|        |   |     |
|--------|---|-----|
| SSc1   | Site selection  | 1/1 |
| SSc2   | Development density and community connectivity                        | 5/5 |
| SSc3   | Brownfield redevelopment  | 0/1 |
| SSc4.1 | Alternative transportation - public transportation access             | 6/6 |
| SSc4.2 | Alternative transportation - bicycle storage and changing rooms       | 1/1 |
| SSc4.3 | Alternative transportation - low-emitting and fuel-efficient vehicles | 0/3 |
| SSc4.4 | Alternative transportation - parking capacity                         | 2/2 |
| SSc5.1 | Site development - protect or restore habitat                         | 0/1 |
| SSc5.2 | Site development - maximize open space                                | 0/1 |
| SSc6.1 | Stormwater design - quantity control                                  | 0/1 |
| SSc6.2 | Stormwater design - quality control                                   | 0/1 |
| SSc7.1 | Heat island effect - nonroof  | 1/1 |
| SSc7.2 | Heat island effect - roof   | 0/1 |
| SSc8   | Light pollution reduction   | 1/1 |

**WATER EFFICIENCY**

AWARDED: 7 / 10

|      |                                    |     |
|------|------------------------------------|-----|
| WEc1 | Water efficient landscaping        | 4/4 |
| WEc2 | Innovative wastewater technologies | 0/2 |
| WEc3 | Water use reduction                | 3/4 |

**ENERGY & ATMOSPHERE**

AWARDED: 20 / 35

|      |                              |       |
|------|------------------------------|-------|
| EAc1 | Optimize energy performance  | 14/19 |
| EAc2 | On-site renewable energy     | 1/7   |
| EAc3 | Enhanced commissioning       | 2/2   |
| EAc4 | Enhanced refrigerant Mgmt    | 0/2   |
| EAc5 | Measurement and verification | 3/3   |
| EAc6 | Green power                  | 0/2   |

**MATERIAL & RESOURCES**

AWARDED: 6 / 14

|        |   |     |
|--------|---|-----|
| MRc1.1 | Building reuse - maintain existing walls, floors and roof | 2/3 |
| MRc1.2 | Building reuse - maintain interior nonstructural elements | 0/1 |
| MRc2   | Construction waste Mgmt                                   | 2/2 |
| MRc3   | Materials reuse   | 0/2 |
| MRc4   | Recycled content  | 1/2 |
| MRc5   | Regional materials  | 0/2 |

**MATERIAL & RESOURCES**

CONTINUED

|      |                             |     |
|------|-----------------------------|-----|
| MRc6 | Rapidly renewable materials | 0/1 |
| MRc7 | Certified wood              | 1/1 |

**INDOOR ENVIRONMENTAL QUALITY**

AWARDED: 10 / 15

|        |  |     |
|--------|--|-----|
| EQc1   | Outdoor air delivery monitoring                                | 0/1 |
| EQc2   | Increased ventilation  | 0/1 |
| EQc3.1 | Construction IAQ Mgmt plan - during construction               | 1/1 |
| EQc3.2 | Construction IAQ Mgmt plan - before occupancy                  | 1/1 |
| EQc4.1 | Low-emitting materials - adhesives and sealants                | 1/1 |
| EQc4.2 | Low-emitting materials - paints and coatings                   | 1/1 |
| EQc4.3 | Low-emitting materials - flooring systems                      | 1/1 |
| EQc4.4 | Low-emitting materials - composite wood and agrifiber products | 1/1 |
| EQc5   | Indoor chemical and pollutant source control                   | 1/1 |
| EQc6.1 | Controllability of systems - lighting                          | 0/1 |
| EQc6.2 | Controllability of systems - thermal comfort                   | 1/1 |
| EQc7.1 | Thermal comfort - design                                       | 1/1 |
| EQc7.2 | Thermal comfort - verification                                 | 1/1 |
| EQc8.1 | Daylight and views - daylight                                  | 0/1 |
| EQc8.2 | Daylight and views - views                                     | 0/1 |

**INNOVATION**

AWARDED: 2 / 6

|      |                              |     |
|------|------------------------------|-----|
| IDc1 | Innovation in design         | 1/5 |
| IDc2 | LEED Accredited Professional | 1/1 |

**REGIONAL PRIORITY**

AWARDED: 4 / 4

|        |   |     |
|--------|---|-----|
| EAc2   | On-site renewable energy  | 0/1 |
| SSc2   | Development density and community connectivity                  | 1/1 |
| SSc4.2 | Alternative transportation - bicycle storage and changing rooms | 1/1 |
| SSc4.4 | Alternative transportation - parking capacity                   | 1/1 |
| SSc6.1 | Stormwater design - quantity control                            | 0/1 |
| WEc3   | Water use reduction   | 1/1 |

**TOTAL****66 / 110**40-49 Points  
CERTIFIED50-59 Points  
SILVER60-79 Points  
GOLD80+ Points  
PLATINUM