



# LEED certification review report

This report contains the results of the technical review of an application for LEED® certification submitted for the specified project. LEED certification is an official recognition that a project complies with the requirements prescribed within the LEED rating systems as created and maintained by the U.S. Green Building Council® (USGBC®). The LEED certification program is administered by Green Business Certification Inc. (GBCI®).

## West Las Vegas Library

|                                    |                  |
|------------------------------------|------------------|
| <b>Project ID</b>                  | 1000169529       |
| <b>Rating system &amp; version</b> | LEED V4 BD+C: NC |
| <b>Project registration date</b>   | 12/14/2022       |
| <b>Project certification date</b>  | 04/14/2026       |












**Silver Certified**

Certified: 40-49, Silver: 50-59, Gold: 60-79, Platinum: 80+

## LEED v4 BD+C: New Construction

Attempted: 52, Denied: 0, Pending: 0, Awarded: 52 of 110 points

|  |                  |
|--|------------------|
|  <b>INTEGRATIVE PROCESS</b> <b>1 OF 1</b>              | <b>4 OF 13</b>   |
| Integrative Process  | 1 / 1            |
|  <b>LOCATION AND TRANSPORTATION</b> <b>9 OF 16</b>     | <b>4 OF 13</b>   |
| LEED for Neighborhood Development Location   | 0 / 16           |
| Sensitive Land Protection  | 1 / 1            |
| High Priority Site   | 1 / 2            |
| Surrounding Density and Diverse Uses   | 2 / 5            |
| Access to Quality Transit  | 2 / 5            |
| Bicycle Facilities   | 1 / 1            |
| Reduced Parking Footprint  | 1 / 1            |
| Green Vehicles   | 1 / 1            |
|  <b>SUSTAINABLE SITES</b> <b>5 OF 10</b>             | <b>4 OF 13</b>   |
| Construction Activity Pollution Prevention   | Y                |
| Site Assessment  | 1 / 1            |
| Site Development - Protect or Restore Habitat  | 0 / 2            |
| Open Space   | 1 / 1            |
| Rainwater Mgmt   | 0 / 3            |
| Heat Island Reduction  | 2 / 2            |
| Light Pollution Reduction  | 1 / 1            |
|  <b>WATER EFFICIENCY</b> <b>5 OF 11</b>              | <b>4 OF 13</b>   |
| Outdoor Water Use Reduction  | Y                |
| Outdoor Water Use Reduction  | 1 / 2            |
| Indoor Water Use Reduction   | Y                |
| Indoor Water Use Reduction   | 3 / 6            |
| Building-Level Water Metering  | Y                |
| Cooling Tower Water Use  | 0 / 2            |
| Water Metering   | 1 / 1            |
|  <b>ENERGY AND ATMOSPHERE</b> <b>12 OF 33</b>        | <b>4 OF 13</b>   |
| Fundamental Commissioning and Verification   | Y                |
| Minimum Energy Performance   | Y                |
| Optimize Energy Performance  | 8 / 18           |
| Building-Level Energy Metering   | Y                |
| Fundamental Refrigerant Mgmt   | Y                |
| Enhanced Commissioning   | 3 / 6            |
| Advanced Energy Metering   | 0 / 1            |
| Demand Response  | 0 / 2            |
| Renewable Energy Production  | 0 / 3            |
| Enhanced Refrigerant Mgmt  | 1 / 1            |
| Green Power and Carbon Offsets   | 0 / 2            |
|  <b>MATERIALS AND RESOURCES</b> <b>4 OF 13</b>        | <b>4 OF 13</b>   |
| Storage and Collection of Recyclables  | Y                |
| Construction and Demolition Waste Mgmt Planning  | Y                |
| Building Life-Cycle Impact Reduction   | 0 / 5            |
| Product disclosure & optimization - Environmental Product Declarations   | 1 / 2            |
| Product disclosure & optimization - Sourcing of Raw Materials  | 0 / 2            |
| Product disclosure & optimization - Material Ingredients   | 1 / 2            |
| Construction and Demolition Waste Mgmt   | 2 / 2            |
|  <b>INDOOR ENVIRONMENTAL QUALITY</b> <b>6 OF 16</b> | <b>4 OF 13</b>   |
| Minimum IAQ Performance  | Y                |
| Environmental Tobacco Smoke Control  | Y                |
| Enhanced IAQ Strategies  | 2 / 2            |
| Low-Emitting Materials   | 3 / 3            |
| Construction IAQ Mgmt Plan   | 1 / 1            |
| IAQ Assessment   | 0 / 2            |
| Thermal Comfort  | 0 / 1            |
| Interior Lighting  | 0 / 2            |
| Daylight   | 0 / 3            |
| Quality Views  | 0 / 1            |
| Acoustic Performance   | 0 / 1            |
|  <b>INNOVATION</b> <b>6 OF 6</b>                    | <b>4 OF 13</b>   |
| Innovation   | 5 / 5            |
| LEED Accredited Professional   | 1 / 1            |
|  <b>REGIONAL PRIORITY CREDITS</b> <b>4 OF 4</b>     | <b>4 OF 13</b>   |
| Heat Island Reduction  | 1 / 1            |
| Outdoor Water Use Reduction  | 1 / 1            |
| Indoor Water Use Reduction   | 1 / 1            |
| Low-Emitting Materials   | 1 / 1            |
| <b>TOTAL</b>   | <b>52 OF 110</b> |



# WEST LAS VEGAS LIBRARY

Las Vegas, Nevada

HAS FULFILLED THE REQUIREMENTS OF THE LEED GREEN BUILDING RATING SYSTEM CERTIFICATION ESTABLISHED BY THE U.S. GREEN BUILDING COUNCIL AND VERIFIED BY GREEN BUSINESS CERTIFICATION INC.

LEED v4  
BD+C: NEW CONSTRUCTION

# SILVER

April 2026

A handwritten signature in black ink, reading "Peter Templeton", is written over a horizontal line.

**PETER TEMPLETON**, PRESIDENT & CEO  
U.S. GREEN BUILDING COUNCIL & GREEN BUSINESS CERTIFICATION INC.

# Credit details



## PROJECT INFORMATION

### Project Information

**Awarded**

#### Design Preliminary Review

Thank you for submitting your project for review. We hope you find the following review comments helpful. If you have questions about this review or if you would like to request a call to discuss your project, please contact us at <http://www.gbci.org/contact>. If requesting a call, please provide your availability and your detailed question(s) so that GBCI may prepare for the call.

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The Project Information has been completed and supporting documentation has been provided.

Items that do not require a response but should be considered for future projects:

1. It does not appear that the total site area has been reported correctly within this form. Based on the documentation provided within SSc Open Space, it appears that the site area reported here only includes area underneath the building footprint. For future projects, ensure that all area values have been reported consistently across the submittal. In this case, it is clear that the site area reported with SSc Open Space is accurate.



## INTEGRATIVE PROCESS

### Integrative Process

Possible points: 1

Attempted: 1, Denied: 0, Pending: 0, Awarded: 1

**Awarded : 1**

### Design Preliminary Review

Awarded.



## LOCATION AND TRANSPORTATION

### LEED for Neighborhood Development Location

Possible points: 16

Not attempted

#### Sensitive Land Protection

Possible points: 1

Attempted: 1, Denied: 0, Pending: 0, Awarded: 1

Awarded : 1

##### Design Preliminary Review

Option 2: Meets Sensitive Land Criteria

Awarded.

#### High Priority Site

Possible points: 2

Attempted: 1, Denied: 0, Pending: 0, Awarded: 1

Awarded : 1

##### Design Preliminary Review

Option 2: Priority Designation

Awarded.

#### Surrounding Density and Diverse Uses

Possible points: 5

Attempted: 2, Denied: 0, Pending: 0, Awarded: 2

Awarded : 2

##### Design Preliminary Review

Option 2: Diverse Uses, 14 Uses

Awarded.

Items that do not require a response but should be considered for future projects:

1. It appears that more than two uses within the Restaurant, Cafe, Diner use type have been listed in the calculations, specifically Starbucks, McDonalds, Gritz Cafe, Del Taco, and Pollo Loco. Note that no more than two uses in each use type may be counted. For future projects, ensure that no more than two uses in each use type have been counted. In this case, this issue does not affect compliance.

#### Access to Quality Transit

Possible points: 5

Attempted: 2, Denied: 0, Pending: 0, Awarded: 2

Awarded : 2

##### Design Preliminary Review

Multiple Transit Types: 92 weekday trips and 94 weekend trips

Awarded.

#### Bicycle Facilities

Possible points: 1

Attempted: 1, Denied: 0, Pending: 0, Awarded: 1

Awarded : 1

##### Design Preliminary Review

Awarded.

#### Reduced Parking Footprint

Possible points: 1

Attempted: 1, Denied: 0, Pending: 0, Awarded: 1

Awarded : 1

##### Design Final Review



The attempted compliance path has been revised to Option 1: No Parking or Reduce Parking in the Final Review.

The project is pursuing the LEED v4.1 substitution path for this credit.

Option 1: No Parking or Reduce Parking, 52.3% reduction in parking capacity

Awarded.

### Design Preliminary Review

1. The preferred parking spaces highlighted on the site plan do not appear to meet the LEED definition of preferred, specifically the preferred parking spaces located toward the northwest corner of the outdoor plaza. Preferred spaces are those spaces with the shortest walking distance to the main entrance of the project (exclusive of spaces reserved for people with disabilities).

Provide a revised site plan demonstrating that the parking for carpool vehicles is in a preferred location. Alternatively, provide a narrative demonstrating that the current location is considered preferred.

Note that the LEED v4.1 credit substitution path may provide an alternative to demonstrating compliance. Visit the v4.1 Credit Catalog to view the updated version of this credit. The LEED v4.1 BD+C Beta Rating System is available here: <http://www.usgbc.org/leed/v41>. All v4 credits are available for substitution. If resubmitting following the v4.1 compliance path, complete the v4.1 LEED Form and provide the required documentation, as described in the LEED v4.1 BD+C Beta Rating System for this credit.

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## Green Vehicles

Possible points: 1

Attempted: 1, Denied: 0, Pending: 0, Awarded: 1

**Awarded : 1**

### Design Final Review

Preferred parking spaces, 5%; Option 1: Electric Vehicle Charging, 2%

Awarded.

### Design Preliminary Review

Preferred parking spaces, 5%; Option 1: Electric Vehicle Charging, 2%

1. The preferred parking spaces highlighted on the site plan do not appear to meet the LEED definition of preferred. Preferred spaces are those spaces with the shortest walking distance to the main entrance of the project (exclusive of spaces reserved for people with disabilities).

Provide a revised site plan demonstrating that the parking for green vehicles is in a preferred location. Alternatively, provide a narrative demonstrating that the current location is considered preferred.

Note that the LEED v4.1 credit substitution path may provide an alternative to demonstrating compliance. Visit the v4.1 Credit Catalog to view the updated version of this credit. The LEED v4.1 BD+C Beta Rating System is available here: <http://www.usgbc.org/leed/v41>. All v4 credits are available for substitution. If resubmitting following the v4.1 compliance path, complete the v4.1 LEED Form and provide the required documentation, as described in the LEED v4.1 BD+C Beta Rating System for this credit.



## SUSTAINABLE SITES

### Construction Activity Pollution Prevention

**Awarded**

#### Construction Preliminary Review

Local Standards and Codes

Awarded.

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### Site Assessment

Possible points: 1

Attempted: 1, Denied: 0, Pending: 0, Awarded: 1

**Awarded : 1**

#### Design Preliminary Review

Awarded.

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### Site Development - Protect or Restore Habitat

Possible points: 2

**Not attempted**

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### Open Space

Possible points: 1

Attempted: 1, Denied: 0, Pending: 0, Awarded: 1

**Awarded : 1**

#### Design Final Review

Awarded.

#### Design Preliminary Review

1. The required documentation has not been provided.

Provide a site plan that indicates the LEED Project Boundary, highlighting the location and size of any open spaces, vegetated areas, plant species, wetlands or naturalistic man-made ponds (with side slopes noted), and vegetated roofs.

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### Rainwater Management

Possible points: 3

**Withdrawn**

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### Heat Island Reduction

Possible points: 2

Attempted: 2, Denied: 0, Pending: 0, Awarded: 2

**Awarded : 2**

#### Design Preliminary Review

Option 1: Nonroof and Roof

Awarded.

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### Light Pollution Reduction

Possible points: 1

Attempted: 1, Denied: 0, Pending: 0, Awarded: 1

**Awarded : 1**

#### Design Preliminary Review

Uplight: Option 1, BUG Rating Method

Awarded.

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Light Trespass: Option 1, BUG Rating Method

Awarded.



## WATER EFFICIENCY

### Outdoor Water Use Reduction

**Awarded**

#### Design Preliminary Review

Option 2: Reduced Irrigation, 67%

Awarded.

### Outdoor Water Use Reduction

Possible points: 2

Attempted: 1, Denied: 0, Pending: 0, Awarded: 1

**Awarded : 1**

#### Design Preliminary Review

Option 2: Reduced Irrigation, 67%

Awarded.

### Indoor Water Use Reduction

**Awarded**

#### Design Preliminary Review

Usage-Based Calculation, 38.63%

Awarded.

### Indoor Water Use Reduction

Possible points: 6

Attempted: 3, Denied: 0, Pending: 0, Awarded: 3

**Awarded : 3**

#### Design Preliminary Review

Usage-Based Calculation, 38.63%

Awarded.

### Building-Level Water Metering

**Awarded**

#### Design Preliminary Review

Awarded.

### Cooling Tower Water Use

Possible points: 2

**Not attempted**

### Water Metering

Possible points: 1

Attempted: 1, Denied: 0, Pending: 0, Awarded: 1

**Awarded : 1**

#### Design Preliminary Review

Awarded.



## ENERGY AND ATMOSPHERE

### Fundamental Commissioning and Verification

**Awarded**

#### Construction Final Review

Awarded.

#### Construction Preliminary Review

1. The provided current facility requirements (CFR) and operations and maintenance (O&M) plan does not contain all of the required information.

Update the plan to include a commissioning program that includes periodic commissioning requirements, ongoing commissioning tasks, and continuous tasks for critical facilities.

### Minimum Energy Performance

**Awarded**

#### Design Final Review

Option 1: Whole-Building Energy Simulation, 21.8% ASHRAE Standard 90.1-2010 Appendix G energy cost savings.

Awarded.

The total predicted annual energy consumption for the project is 438,290 kWh/year of electricity and 2,959 therms/year of natural gas.

Items that do not require a response for this project but should be considered for future projects:

1. The response to the preliminary review comment #3 indicates that pumps flowrates were revised to reflect the actual design, however the chilled and hot water pumps flowrates are still inconsistent with the values indicated in the mechanical schedules provided for PI Project Information.

For future projects ensure the pump waterflow rates are modeled as design. In this case, it is clear that pumps controls contain variable speed drives, and the design pump flowrate shouldn't have a significant impact on the pump electrical energy consumption.

#### Design Preliminary Review

Option 1: Whole-Building Energy Simulation 23.4% ASHRAE Standard 90.1-2010 Appendix G energy cost savings.

1. Provide the following:

a. A narrative response to each Preliminary Review comment below.

b. A narrative describing any additional changes made to the energy models or any significant changes to energy performance as a result of these changes (Baseline or Proposed energy consumption per end-use, Baseline or Proposed cost, etc.).

c. The updated LEED Minimum Energy Performance Calculator (MEPC) to address the comments below.

d. Simulation input/output summary reports for the updated Baseline and Proposed models to address the comments below.

2. The Performance Outputs tab indicates that the equivalent full load hours (EFLH) for exterior lighting in the Baseline and Proposed models is 4,365 hours/year, which appears high. It is unclear if the mandatory exterior lighting controls specified in ASHRAE Standard 90.1-2010 Section 9.4.1.7(c) have been accounted for in the exterior lighting operating schedule. Note that according to Section 9.4.1.7(c), the annual exterior lighting EFLH for parking lot and drives surface area is expected to automatically reduce the connected lighting power by at least 30% based on one of the conditions listed there.

Revise each model, as needed, so that the exterior lighting schedule reflects the mandatory exterior lighting control, per Section 9.4.1.7. Additionally, revise the MEPC and provide an updated LEED Summary report to reflect any changes.

3. It is not clear whether the Proposed case HVAC system was modeled as designed because it appears that AHU-8 and FCUs (S1-4, C1.1-1, S1-2, etc.) have not been included in the Proposed case. In addition, the chilled and hot water pumps, flowrates and pump power are inconsistent with the design documents. For example, the mechanical schedules indicates that the chilled water pump flowrate and pump power are 230 GPM and 10 HP, respectively; however, the Equipment Summary report indicates that the chilled water pump flowrate and power were modeled at 138 GPM and 3.34 KW. Table G3.1.10 (b)(Proposed) requires that the model be consistent with the design documents.

Update the model so that all HVAC systems are consistent with the design documents, update the Minimum Energy Performance Calculator and provide the revised Equipment Summary reports to reflect all changes made. Furthermore, if the equipment capacities and efficiencies are based on updated mechanical schedules and/or HVAC submittal sheets, provide the updated mechanical schedules and/or HVAC submittal sheets.

4. The Minimum Energy Performance Calculator indicates that a Baseline pressure drop adjustment of 0.5 in. w.c. has been taken for the total supply air volume of each system in the Baseline model for fully ducted return and/or exhaust air system. However, based on the mechanical drawings provided in PI Project Information, it does not appear that the as-designed HVAC units have fully ducted return; therefore, this pressure credit may not be taken in the Baseline case.

Update the Minimum Energy Performance Calculator and the Baseline energy model so that the pressure drop adjustment not applied for fully ducted return and/or exhaust system. Alternatively, provide documentation that demonstrates the inclusion of a fully ducted return air system. Provide simulation input reports for the Baseline model reflecting any changes.

5. Based on the project location and site plan, it appears that the building orientation is not constrained by site constrains.

Revise the model to simulate the Baseline building at 0 degrees, 90 degrees, 180 degrees, and 270 degrees and report the results in the Minimum Energy Performance Calculator. Alternatively, provide a narrative indicating why exception 1 on Table G3.1.5 (a) baseline is applicable.

Items that do not require a response for this project but may lead to an improved performance rating if addressed:

1. The exterior lighting power does not appear to be consistent with the information provided in SSc Light Pollution Reduction because the MEPC lists the exterior lighting zone as LZ2; however, the SSc Light Pollution Reduction Credit Form indicates that the project is in LZ3. After making any required changes to that credit, ensure that no credit is taken in the Proposed case for lighting reductions on non-tradable surfaces. Furthermore, additional lighting power allowance cannot be claimed in the Baseline model for surfaces that are not provided with lighting in the actual design and lighting fixtures cannot be double counted for different exterior surfaces.

For future projects, ensure that lighting zones are consistent across submittals.

Items that do not require a response for this project but should be considered for future projects:

2. The Performance Outputs tab indicates that the peak demand power for exterior lighting is 5.8 kW in the Proposed model; however, the COMcheck Exterior Lighting Compliance Certificate indicates that 6.785 kW of lighting has been installed. The Proposed model must reflect the actual exterior lighting power.

Revise the Proposed model so the exterior lighting is modeled at 6.785 kW. In addition, revise the Lighting tab reflecting the changes.

3. The Service Water Heating tab indicates that additional credit has been taken for reduced hot water demand for low-flow fixtures in the Proposed case compared to the Baseline case; however, the energy use associated with service water heating, as indicated in the Performance Outputs tab, is very high when compared to the hot water usage, and it is unclear how the energy consumption for service water heating has been determined for each model.

For future projects, provide calculations, using the total flow fixture water usage from WEp Indoor Water Use Reduction for each model, and service water heating schedules showing how the hot water demand, service water heating energy demand, and service water heating energy consumption have been calculated for each model.

### Design Final Review

Option 1: Whole Building Energy Simulation, 21.8%

Awarded.

### Design Preliminary Review

Option 1: Whole-Building Energy Simulation, 23.4%.

1. EAp Minimum Energy Performance is pending clarifications.

Refer to the comments within the prerequisite and resubmit this credit.

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### Building-Level Energy Metering

**Awarded**

#### Design Preliminary Review

Awarded.

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### Fundamental Refrigerant Management

**Awarded**

#### Design Preliminary Review

Awarded.

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### Enhanced Commissioning

Possible points: 6

Attempted: 3, Denied: 0, Pending: 0, Awarded: 3

**Awarded : 3**

#### Construction Final Review

Option 1: Enhanced Systems Commissioning; Path 1: Enhanced Commissioning

Awarded.

#### Construction Preliminary Review

Option 1: Enhanced Systems Commissioning; Path 1: Enhanced Commissioning

1. EAp Fundamental Commissioning and Verification is pending clarifications.

Refer to the comments within the prerequisite and resubmit this credit.

2. The Ongoing Commissioning Plan has not been provided, as required.

Provide an Ongoing Commissioning Plan that includes the required elements as noted in the LEED v4 BD+C Reference Guide:

- a. Definition of the ongoing commissioning process
  - b. Defined roles and responsibilities
  - c. Recommended schedule for recommissioning as-built systems
  - d. Continuous documentation and updating of building operating plan and current facility requirements throughout the building's lifetime
  - e. Blank testing materials, including functional performance tests for all commissioned as-built systems in the building, as well as an issues log
  - f. Direction for testing new and retrofitted equipment
-

**Advanced Energy Metering**  
Possible points: 1

Not attempted

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**Demand Response**  
Possible points: 2

Not attempted

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**Renewable Energy Production**  
Possible points: 3

Not attempted

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**Enhanced Refrigerant Management**  
Possible points: 1  
Attempted: 1, Denied: 0, Pending: 0, Awarded: 1

**Awarded : 1**

**Design Preliminary Review**

Option 2: Calculation of Refrigerant Impact

Awarded.

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**Green Power and Carbon Offsets**  
Possible points: 2

Not attempted



## MATERIALS AND RESOURCES

### Storage and Collection of Recyclables

**Awarded**

#### Design Final Review

Awarded.

#### Design Preliminary Review

1. The provided site plan indicates only the exterior centralized recycling storage area. Therefore, it is unclear that interior distributed recycling collection areas have been provided, to which the building occupants have convenient access.

Provide a revised narrative and/or revised floor plans to demonstrate that recycling collection areas that are easily accessible to all building occupants have been provided within the project building.

### Construction and Demolition Waste Management Planning

**Awarded**

#### Construction Preliminary Review

Awarded.

### Building Life-Cycle Impact Reduction

Possible points: 5

**Withdrawn**

### Building Product Disclosure and Optimization - Environmental Product Declarations

Possible points: 2

Attempted: 1, Denied: 0, Pending: 0, Awarded: 1

**Awarded : 1** ⓘ

#### Construction Preliminary Review

The project is pursuing the LEED v4.1 substitution path for this credit.

Option 1: Environmental Product Declaration

Documentation has been reviewed for the materials listed in the Building Products Calculator on rows 9-14, 18-20, 22-38.

Awarded.

### Building Product Disclosure and Optimization - Sourcing of Raw Materials

Possible points: 2

**Withdrawn**

### Building Product Disclosure and Optimization - Material Ingredients

Possible points: 2

Attempted: 1, Denied: 0, Pending: 0, Awarded: 1

**Awarded : 1** ⓘ

#### Construction Preliminary Review

The project is pursuing the LEED v4.1 substitution path for this credit.

Option 1: Material Ingredient Reporting

Documentation has been reviewed for the materials listed in the Building Products Calculator on rows 10, 14-15, 18, 21-26, 29-30, 32, 34, 37, 39-40, 42, and 44.

Awarded.

### Construction and Demolition Waste Management

**Awarded : 2**

Possible points: 2

Attempted: 2, Denied: 0, Pending: 0, Awarded: 2

### **Construction Preliminary Review**

Option 1: Diversion; Path 2: Divert 75% and Four Material Streams

Awarded.



## INDOOR ENVIRONMENTAL QUALITY

### Minimum Indoor Air Quality Performance

**Awarded**

#### Design Preliminary Review

Option 1: ASHRAE Standard 62.1-2010

Awarded.

### Environmental Tobacco Smoke Control

**Awarded**

#### Design Preliminary Review

Awarded.

### Enhanced Indoor Air Quality Strategies

Possible points: 2

Attempted: 2, Denied: 0, Pending: 0, Awarded: 2

**Awarded : 2**

#### Design Preliminary Review

Option 1: Enhanced IAQ Strategies

Awarded.

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Option 2: Additional Enhanced IAQ Strategies

C. Carbon Dioxide Monitoring

Awarded.

### Low-Emitting Materials

Possible points: 3

Attempted: 3, Denied: 0, Pending: 0, Awarded: 3

**Awarded : 3** 

#### Construction Final Review

The project is pursuing the LEED v4.1 substitution path for this credit.

Product documentation has been reviewed to determine that at least the required threshold has been met for four product categories (Paints and Coatings, Flooring, Composite Wood, and Insulation).

Awarded.

#### Construction Preliminary Review

The project is pursuing the LEED v4.1 substitution path for this credit.

Option 1: Product Category Calculations

Categories attempted: Paints and Coatings, Flooring, Composite Wood, Ceilings, Wall Panels, Ceilings, and Insulation

The required threshold has been met for two product categories (Paints and Coatings, Flooring, and Composite Wood). Two points are awarded.

1. VOC emissions evaluations have not been provided for the Georgia Pacific DensShield and Milliken WellBAC Comfort Plus products.

Provide the following:

a. VOC emissions evaluations for the above noted products.

b. A revised Low-Emitting Materials Calculator, as necessary.

2. The documentation provided for the following products does not satisfy the criteria for a qualifying VOC emissions evaluation:

- Georgia Pacific Dens Armour Plus, Formica Compact Laminate Sheets, Ultima Armstrong, and Johns Manville Fiberglass Batts (evaluation appears outdated compared to the project's construction period)

Note that third-party certifications and programs that test to CDPH Standard Method v1.2-2017 are listed here: <http://www.cdph.ca.gov/Programs/CCDC/DCDC/DEOD/EAH/IAQ/CDPH%20Document%20Library/List%20of%203rd%20party%20certifications%20for%20CDPH%20v1.2-Oct-10-2019%20ADA.pdf>. The certification period must cover the date the installed product was manufactured. The modeling scenario used must be private office (unless the product is installed in a classroom). The TVOC results must be stated.

Additionally, note that any manufacturer claims provided must include all of the following criteria:

- Declaration that the product has been tested according to CDPH SM v1.2-2017 and complies with the VOC limits in Table 4-1 of the method;

- TVOC results at 14 days (measured as specified in CDPH SM v1.2);

- Test date (must be less than three years old / must cover the time the installed product was manufactured for the project and cannot begin after the product was manufactured);

- The modeling scenario used (must be private office unless the product is installed in a classroom);

- For wet-applied products, the amount of wet-applied product in mass per surface area (during testing);

- The name of the laboratory that performed the evaluation and documentation (such as accreditation number or certificate with scope of accreditation) demonstrating the accreditation under ISO/IEC 17025 for the test method they used (CDPH v1.2).

Provide the following:

a. A qualifying third-party certificate or a manufacturer claim of VOC emissions evaluation for each product listed above.

b. A revised calculation, as necessary.

3. It does not appear that all products installed on the building interior, within the attempted categories, have been entered in the calculator, including but not limited to Assa Abloy Currie 707, Turf Design 9mm polyester Felt, and Armstrong Axiom, which are documented within the MR Building Products Calculator. The list does not appear consistent with the scope of work for this project. Additionally, note that the attempted categories include the following products:

Wall Panels: all finish wall treatments (wall coverings, wall paneling, wall tile), gypsum, curtain walls, retail slatwall, trim, interior and exterior doors, non-structural wall framing, interior and exterior windows, window film and treatments, countertops laminate/veneer used for builtin cabinetry, non-structural CMU, air barrier membrane, vapor barrier/vapor retarder membrane, non-structural prefabricated building envelope products that are in contact with the building interior (ex. sandwich panels).

Ceilings: all ceiling panels, ceiling tile, surface ceiling structures such as gypsum or plaster, suspended systems (including canopies and clouds), and glazed skylights.

Provide the following:

a. A revised Calculator that includes all products, in the attempted categories, installed on the building interior.

b. The VOC emissions evaluations, furniture emissions evaluations, VOC content documentation, and formaldehyde evaluations, as available.

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## Construction Indoor Air Quality Management Plan

Possible points: 1

Attempted: 1, Denied: 0, Pending: 0, Awarded: 1

**Awarded : 1**

### Construction Preliminary Review

Awarded.

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**Indoor Air Quality Assessment**  
Possible points: 2

**Withdrawn**

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**Thermal Comfort**  
Possible points: 1

**Withdrawn**

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**Interior Lighting**  
Possible points: 2

**Withdrawn**

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**Daylight**  
Possible points: 3

**Not attempted**

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**Quality Views**  
Possible points: 1

**Not attempted**

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**Acoustic Performance**  
Possible points: 1

**Not attempted**



## Innovation

Possible points: 5

Attempted: 5, Denied: 0, Pending: 0, Awarded: 5

**Awarded : 5**

### Construction Preliminary Review

This strategy has been added to the Construction Preliminary Review.

Strategy 5: Exemplary Performance- MRc Environmental Product Declarations

The requirement for exemplary performance for Option 1 is to source at least 40 qualifying products from five manufacturers, and the project has demonstrated at least 40 products.

Awarded.

### Design Final Review

Strategy 5: Exemplary Performance - EQc Low-Emitting Materials

The project has withdrawn this strategy.

### Design Preliminary Review

Strategy 1: Innovation - LEED v4 O+M: MRc Purchasing - Lamps, Exemplary Performance

The documentation states that the project team has developed and implemented an Innovation strategy in compliance with LEED v4 O+M: Purchasing - Lamps, exemplary performance. The documentation states that the project team has installed LED lamps only for the building and associated grounds within the LEED Project Boundary. The policy and manufacturers' documentation have been provided.

Awarded.

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Strategy 2: Innovation - Green Building Education

The documentation states that the project team has developed and implemented a Green Building Education program. Documentation for the development of a signage program and guided tours has been provided.

Awarded.

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Strategy 3: Innovation - LEED O+M Starter Kit

The documentation states that the project team has developed and implemented a Integrated Pest Management Plan and Facility Maintenance and Renovations Policy.

Awarded.

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Strategy 4: Pilot Credit - Prevention Through Design

The documentation states that the project team has developed and implemented a strategy to support high-performance, cost-effective employee safety and health outcomes across the building life-cycle through early attention to safety and health hazards.

Awarded.

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Strategy 5: Exemplary Performance - EQc Low-Emitting Materials

The LEED Form indicates that the documentation for this strategy may be provided in the Construction Review phase; therefore, this strategy cannot be reviewed at this time. This strategy has been marked as pending. Remember to resubmit this strategy when submitting for the Construction Preliminary Review. Note that since

the strategy has been deferred, the strategy will still have two complete rounds of review to demonstrate compliance. Alternatively, the project may pursue a different strategy for the Design Final Review.

One point is pending.

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**LEED Accredited Professional**

Possible points: 1

Attempted: 1, Denied: 0, Pending: 0, Awarded: 1

**Awarded : 1**

**Construction Preliminary Review**

Awarded.

Items that do not require a response for this project but should be considered for future projects:

1. The LEED AP for the project must have an active credential at the time of certification review; however, the LEED AP Certificate uploaded to LEED Online for the selected individual appear to be outdated/expired based on the upload dates. For future projects, upload a current copy of the team member's LEED AP certificate either to their individual member profile in LEED Online or to this credit and ensure that the file is in a valid format. In this case, independent reviewer verification has confirmed compliance.



## REGIONAL PRIORITY CREDITS

### Heat Island Reduction

Possible points: 1

Attempted: 1, Denied: 0, Pending: 0, Awarded: 1

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### Outdoor Water Use Reduction

Possible points: 1

Attempted: 1, Denied: 0, Pending: 0, Awarded: 1

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### Indoor Water Use Reduction

Possible points: 1

Attempted: 1, Denied: 0, Pending: 0, Awarded: 1

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### Optimize Energy Performance

Possible points: 1

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### Renewable Energy Production

Possible points: 1

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### Low-Emitting Materials

Possible points: 1

Attempted: 1, Denied: 0, Pending: 0, Awarded: 1

**TOTAL**

**110**

**52**

**0**

**0**

**52**


# Review summary

|               |                  |                 |                |                  |               |                |                |
|---------------|------------------|-----------------|----------------|------------------|---------------|----------------|----------------|
| <b>Review</b> | <b>Submitted</b> | <b>Returned</b> | <b>Points:</b> | <b>Submitted</b> | <b>Denied</b> | <b>Pending</b> | <b>Awarded</b> |
|               |                  |                 |                |                  |               |                |                |

|                           |                   |                   |           |          |           |           |
|---------------------------|-------------------|-------------------|-----------|----------|-----------|-----------|
| <b>Design Preliminary</b> | <b>05/14/2025</b> | <b>06/04/2025</b> | <b>40</b> | <b>0</b> | <b>13</b> | <b>27</b> |
|---------------------------|-------------------|-------------------|-----------|----------|-----------|-----------|

| <b>Credit</b>                          | <b>Status</b> | <b>Type</b> | <b>POINTS:<br/>Attempted</b> | <b>Denied</b> | <b>Pending</b> | <b>Awarded</b> |
|--|---------------|-------------|------------------------------|---------------|----------------|----------------|
| Project Information                    | Anticipated   |             | 0                            | 0             | 0              | 0              |
| Integrative Process                    | Anticipated   | Design      | 1                            | 0             | 0              | 1              |
| Sensitive Land Protection              | Anticipated   | Design      | 1                            | 0             | 0              | 1              |
| High Priority Site                     | Anticipated   | Design      | 1                            | 0             | 0              | 1              |
| Surrounding Density and Diverse Uses   | Anticipated   | Design      | 2                            | 0             | 0              | 2              |
| Access to Quality Transit              | Anticipated   | Design      | 2                            | 0             | 0              | 2              |
| Bicycle Facilities                     | Anticipated   | Design      | 1                            | 0             | 0              | 1              |
| Reduced Parking Footprint              | Pending       | Design      | 1                            | 0             | 1              | 0              |
| Green Vehicles                         | Pending       | Design      | 1                            | 0             | 1              | 0              |
| Site Assessment                        | Anticipated   | Design      | 1                            | 0             | 0              | 1              |
| Open Space                             | Pending       | Design      | 1                            | 0             | 1              | 0              |
| Heat Island Reduction                  | Anticipated   | Design      | 3                            | 0             | 0              | 3              |
| Light Pollution Reduction              | Anticipated   | Design      | 1                            | 0             | 0              | 1              |
| Outdoor Water Use Reduction            | Anticipated   | Design      | 0                            | 0             | 0              | 0              |
| Outdoor Water Use Reduction            | Anticipated   | Design      | 2                            | 0             | 0              | 2              |
| Indoor Water Use Reduction             | Anticipated   | Design      | 0                            | 0             | 0              | 0              |
| Indoor Water Use Reduction             | Anticipated   | Design      | 4                            | 0             | 0              | 4              |
| Building-Level Water Metering          | Anticipated   | Design      | 0                            | 0             | 0              | 0              |
| Water Metering                         | Anticipated   | Design      | 1                            | 0             | 0              | 1              |
| Minimum Energy Performance             | Pending       | Design      | 0                            | 0             | 0              | 0              |
| Optimize Energy Performance            | Pending       | Design      | 9                            | 0             | 9              | 0              |
| Building-Level Energy Metering         | Anticipated   | Design      | 0                            | 0             | 0              | 0              |
| Fundamental Refrigerant Management     | Anticipated   | Design      | 0                            | 0             | 0              | 0              |
| Enhanced Refrigerant Management        | Anticipated   | Design      | 1                            | 0             | 0              | 1              |
| Storage and Collection of Recyclables  | Pending       | Design      | 0                            | 0             | 0              | 0              |
| Minimum Indoor Air Quality Performance | Anticipated   | Design      | 0                            | 0             | 0              | 0              |
| Environmental Tobacco Smoke Control    | Anticipated   | Design      | 0                            | 0             | 0              | 0              |
| Enhanced Indoor Air Quality Strategies | Anticipated   | Design      | 2                            | 0             | 0              | 2              |
| Innovation                             | Pending       | Design      | 5                            | 0             | 1              | 4              |

|                     |                   |                   |           |          |          |           |
|---------------------|-------------------|-------------------|-----------|----------|----------|-----------|
| <b>Design Final</b> | <b>06/13/2025</b> | <b>07/03/2025</b> | <b>15</b> | <b>0</b> | <b>0</b> | <b>15</b> |
|---------------------|-------------------|-------------------|-----------|----------|----------|-----------|

| <b>Credit</b>                         | <b>Status</b> | <b>Type</b> | <b>POINTS:<br/>Attempted</b> | <b>Denied</b> | <b>Pending</b> | <b>Awarded</b>  |
|---------------------------------------|---------------|-------------|------------------------------|---------------|----------------|---|
| Reduced Parking Footprint             | Anticipated   | Design      | 1                            | 0             | 0              | 1  |
| Green Vehicles                        | Anticipated   | Design      | 1                            | 0             | 0              | 1   |
| Open Space                            | Anticipated   | Design      | 1                            | 0             | 0              | 1   |
| Minimum Energy Performance            | Anticipated   | Design      | 0                            | 0             | 0              | 0   |
| Optimize Energy Performance           | Anticipated   | Design      | 8                            | 0             | 0              | 8   |
| Storage and Collection of Recyclables | Anticipated   | Design      | 0                            | 0             | 0              | 0   |
| Innovation                            | Anticipated   | Design      | 4                            | 0             | 0              | 4   |

**Construction Preliminary**

03/02/2026




03/20/2026

18


0

4

14

| <b>Credit</b>   | <b>Status</b> | <b>Type</b>  | <b>POINTS:<br/>Attempted</b> | <b>Denied</b> | <b>Pending</b> | <b>Awarded</b>  |
|---|---------------|--------------|------------------------------|---------------|----------------|---|
| Construction Activity Pollution Prevention  | Awarded       | Construction | 0                            | 0             | 0              | 0   |
| Fundamental Commissioning and Verification  | Pending       | Construction | 0                            | 0             | 0              | 0   |
| Enhanced Commissioning  | Pending       | Construction | 3                            | 0             | 3              | 0   |
| Construction and Demolition Waste Management Planning                             | Awarded       | Construction | 0                            | 0             | 0              | 0   |
| Building Product Disclosure and Optimization - Environmental Product Declarations | Awarded       | Construction | 1                            | 0             | 0              | 1  |
| Building Product Disclosure and Optimization - Material Ingredients               | Awarded       | Construction | 1                            | 0             | 0              | 1  |
| Construction and Demolition Waste Management                                      | Awarded       | Construction | 2                            | 0             | 0              | 2   |
| Low-Emitting Materials  | Pending       | Construction | 4                            | 0             | 1              | 3  |
| Construction Indoor Air Quality Management Plan                                   | Awarded       | Construction | 1                            | 0             | 0              | 1   |
| Innovation  | Awarded       | Design       | 5                            | 0             | 0              | 5   |
| LEED Accredited Professional  | Awarded       | Construction | 1                            | 0             | 0              | 1   |

|                           |                   |                   |          |          |          |          |
|---------------------------|-------------------|-------------------|----------|----------|----------|----------|
| <b>Construction Final</b> | <b>03/26/2026</b> | <b>04/15/2026</b> | <b>7</b> | <b>0</b> | <b>0</b> | <b>7</b> |
|---------------------------|-------------------|-------------------|----------|----------|----------|----------|

| <b>Credit</b>                              | <b>Status</b> | <b>Type</b>  | <b>POINTS:<br/>Attempted</b> | <b>Denied</b> | <b>Pending</b> | <b>Awarded</b>  |
|--|---------------|--------------|------------------------------|---------------|----------------|---|
| Fundamental Commissioning and Verification | Awarded       | Construction | 0                            | 0             | 0              | 0   |
| Enhanced Commissioning                     | Awarded       | Construction | 3                            | 0             | 0              | 3   |
| Low-Emitting Materials                     | Awarded       | Construction | 4                            | 0             | 0              | 4  |