



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®).

Siebel Center for Design

Project ID 1000067643
Rating system & version LEED-NC
Project registration date 02/24/2016



Gold Certified

CERTIFIED: 40-49, SILVER: 50-59, GOLD: 60-79, PLATINUM: 80+

LEED 2009 NEW CONSTRUCTION

ATTEMPTED: 70, DENIED: 0, PENDING: 0, AWARDED: 68 OF 110 POINTS

SUSTAINABLE SITES 20 OF 26

SSp1	Construction Activity Pollution Prevention	Y
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	0 / 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	1 / 1
SSc6.1	Stormwater Design-Quantity Control	1 / 1
SSc6.2	Stormwater Design-Quality Control	1 / 1
SSc7.1	Heat Island Effect, Non-Roof	1 / 1
SSc7.2	Heat Island Effect-Roof	1 / 1
SSc8	Light Pollution Reduction	1 / 1

WATER EFFICIENCY 7 OF 10

WEp1	Water Use Reduction-20% Reduction	Y
WEc1	Water Efficient Landscaping	4 / 4
WEc2	Innovative Wastewater Technologies	0 / 2
WEc3	Water Use Reduction	3 / 4

ENERGY AND ATMOSPHERE 20 OF 35

EAp1	Fundamental Commissioning of the Building Energy Systems	Y
EAp2	Minimum Energy Performance	Y
EAp3	Fundamental Refrigerant Mgmt	Y
EAc1	Optimize Energy Performance	13 / 19
EAc2	On-Site Renewable Energy	7 / 7
EAc3	Enhanced Commissioning	0 / 2
EAc4	Enhanced Refrigerant Mgmt	0 / 2
EAc5	Measurement and Verification	0 / 3
EAc6	Green Power	0 / 2

MATERIALS AND RESOURCES 5 OF 14

MRp1	Storage and Collection of Recyclables	Y
MRC1.1	Building Reuse-Maintain Existing Walls, Floors and Roof	0 / 3
MRC1.2	Building Reuse - Maintain 50% of Interior Non-Structural Elements	0 / 1
MRC2	Construction Waste Mgmt	2 / 2
MRC3	Materials Reuse	0 / 2
MRC4	Recycled Content	1 / 2
MRC5	Regional Materials	1 / 2
MRC6	Rapidly Renewable Materials	0 / 1
MRC7	Certified Wood	1 / 1

INDOOR ENVIRONMENTAL QUALITY 9 OF 15

IEQp1	Minimum IAQ Performance	Y
IEQp2	Environmental Tobacco Smoke (ETS) Control	Y
IEQc1	Outdoor Air Delivery Monitoring	1 / 1
IEQc2	Increased Ventilation	0 / 1
IEQc3.1	Construction IAQ Mgmt Plan-During Construction	1 / 1
IEQc3.2	Construction IAQ Mgmt Plan-Before Occupancy	0 / 1
IEQc4.1	Low-Emitting Materials-Adhesives and Sealants	1 / 1
IEQc4.2	Low-Emitting Materials-Paints and Coatings	1 / 1
IEQc4.3	Low-Emitting Materials-Flooring Systems	1 / 1
IEQc4.4	Low-Emitting Materials-Composite Wood and Agrifiber Products	1 / 1
IEQc5	Indoor Chemical and Pollutant Source Control	1 / 1
IEQc6.1	Controllability of Systems-Lighting	0 / 1
IEQc6.2	Controllability of Systems-Thermal Comfort	0 / 1
IEQc7.1	Thermal Comfort-Design	1 / 1
IEQc7.2	Thermal Comfort-Verification	1 / 1
IEQc8.1	Daylight and Views-Daylight	0 / 1
IEQc8.2	Daylight and Views-Views	0 / 1

INNOVATION IN DESIGN 3 OF 6

IDc1.1	EAc2 On-site Renewable Energy	0 / 1
IDc1.1	Innovation in Design	0 / 1
IDc1.2	Innovation in Design	0 / 1
IDc1.2	Innovation in Design	0 / 1
IDc1.3	SSc4.1 Alternative Transportation: Public Transportation Access	1 / 1
IDc1.3	Innovation in Design	0 / 1
IDc1.4	Innovation in Design	0 / 1
IDc1.4	Innovation in Design	0 / 1
IDc1.5	Innovation in Design - Purchasing Lamps	1 / 1
IDc1.5	Innovation in Design	0 / 1
IDc2	LEED® Accredited Professional	1 / 1

REGIONAL PRIORITY CREDITS 4 OF 4

SSc1	Site Selection	1 / 1
SSc2	Development Density and Community Connectivity	1 / 1
SSc4.1	Alternative Transportation-Public Transportation Access	1 / 1
SSc4.4	Alternative Transportation-Parking Capacity	1 / 1

TOTAL

68 OF 110

CREDIT DETAILS



Project Information Forms

Pif1 : Minimum Program Requirements

Approved

DESIGN PRELIMINARY REVIEW

The LEED Form states that the project complies with all Minimum Program Requirements. The project will comply with MPR 6: Must Commit to Sharing Whole-Building Energy and Water Usage Data via USGBC-Approved Data Template. The project is located in Champaign, Illinois.

Pif2 : Project Summary Details

Approved

DESIGN PRELIMINARY REVIEW

The LEED Form includes the required project summary details. There is one building in this LEED application with a total of two stories and 58,999 gross square feet.

Pif3 : Occupant and Usage Data

Approved

DESIGN PRELIMINARY REVIEW

The LEED Form includes the required occupant and usage data. The project consists primarily of Core Learning Space: College/University spaces. The average number of users is 622, the peak number of users is 588, and the number of FTE is 214.

Pif4 : Schedule and Overview Documents

Approved

CONSTRUCTION FINAL REVIEW

The revised LEED Form states that the date of occupancy is September 7, 2021. The additional documentation continues to demonstrate compliance.

DESIGN PRELIMINARY REVIEW

The LEED Form includes the design and construction schedule. The date of substantial completion is February 18, 2020 and the date of occupancy is March 31, 2020. The required documents have been uploaded.



Sustainable Sites

SSp1 : Construction Activity Pollution Prevention

Awarded

CONSTRUCTION PRELIMINARY REVIEW

The LEED Form states that the project has implemented an erosion and sedimentation control (ESC) plan that conforms to the 2003 EPA Construction General Permit (CGP).

SSc1 : Site Selection

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

Awarded : 1

DESIGN PRELIMINARY REVIEW

The LEED Form states that the project site does not meet any of the prohibited criteria.

SSc2 : Development Density and Community Connectivity

POSSIBLE POINTS: 5

ATTEMPTED: 5, DENIED: 0, PENDING: 0, AWARDED: 5

Awarded : 5

DESIGN PRELIMINARY REVIEW

The LEED Form states that the project complies with Option 2: Community Connectivity.

It is noted that although the list of basic services counts the museum and place of worship service twice, there are additional unlisted qualifying services within the specified radius (Illini Union Bookstore, State Farm Center, Memorial Stadium, as well as outside basketball and tennis courts).

For future projects, identify ten unique, qualifying basic services (only restaurants may be counted twice) within a one-half mile radius of a main building entrance.

SSc3 : Brownfield Redevelopment

POSSIBLE POINTS: 1

Not Attempted

SSc4.1 : Alternative Transportation-Public Transportation Access

POSSIBLE POINTS: 6

ATTEMPTED: 6, DENIED: 0, PENDING: 0, AWARDED: 6

Awarded : 6

DESIGN PRELIMINARY REVIEW

The LEED Form states that the project complies with Option 2: Bus Station Proximity and is located within one-quarter mile walking distance of one or more stops for two or more public, campus, or private bus lines usable by building occupants.

SSc4.2 : Alternative Transportation-Bicycle Storage and Changing Rooms

POSSIBLE POINTS: 1

Withdrawn

SSc4.3 : Alternative Transportation-Low-Emitting and Fuel-Efficient Vehicles

POSSIBLE POINTS: 3

Not Attempted

SSc4.4 : Alternative Transportation-Parking Capacity

POSSIBLE POINTS: 2

ATTEMPTED: 2, DENIED: 0, PENDING: 0, AWARDED: 2

Awarded : 2

DESIGN PRELIMINARY REVIEW

The LEED Form states that no new parking has been created within the LEED project scope of work.

SSc5.1 : Site Development-Protect or Restore Habitat

POSSIBLE POINTS: 1

Not Attempted

SSc5.2 : Site Development-Maximize Open Space**Awarded : 1**

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

DESIGN PRELIMINARY REVIEW

The LEED Form states that the project complies with Case 2: Sites with No Local Zoning Requirements. The open space provided is equal to or greater than the footprint of the LEED project building.

SSc6.1 : Stormwater Design-Quantity Control**Awarded : 1**

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

DESIGN PRELIMINARY REVIEW

The LEED Form states that the project complies with Case 1: Sites with existing imperviousness 50% or less, Option 1: No Increase in Runoff.

SSc6.2 : Stormwater Design-Quality Control**Awarded : 1**

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

DESIGN PRELIMINARY REVIEW

The LEED Form states that storm water runoff from 90% of the average annual rainfall is captured and treated to remove 80% of the average annual post-development Total Suspended Solids (TSS).

SSc7.1 : Heat Island Effect, Non-Roof**Awarded : 1**

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

CONSTRUCTION PRELIMINARY REVIEW

The LEED Form states that the project complies with Option 1 and 71% of nonroof base building hardscape surfaces will be mitigated through the use of materials with an SRI of at least 29.

SSc7.2 : Heat Island Effect-Roof**Awarded : 1**

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

DESIGN PRELIMINARY REVIEW

The LEED Form states that the project complies with Option 1 and 100% of the building roof surface has a Solar Reflectance Index meeting the credit requirements.

SSc8 : Light Pollution Reduction**Awarded : 1**

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

DESIGN PRELIMINARY REVIEW

The LEED Form states that the project meets the requirements using the LEED v4 credit substitution path SSc Light Pollution Reduction. The project has met upright and light trespass requirements using the backlight-uplight-glare (BUG) method, Option 1.



Water Efficiency

WEp1 : Water Use Reduction-20% Reduction

Awarded

DESIGN PRELIMINARY REVIEW

The LEED Form states that the project has reduced potable water use by 36.97%.

WEc1 : Water Efficient Landscaping

POSSIBLE POINTS: 4

ATTEMPTED: 4, DENIED: 0, PENDING: 0, AWARDED: 4

Awarded : 4

DESIGN PRELIMINARY REVIEW

The LEED Form states that the landscaping does not use permanent irrigation systems and that all temporary irrigation systems used for plant establishment will be removed within 18 months of installation.

WEc2 : Innovative Wastewater Technologies

POSSIBLE POINTS: 2

Not Attempted

WEc3 : Water Use Reduction

POSSIBLE POINTS: 4

ATTEMPTED: 3, DENIED: 0, PENDING: 0, AWARDED: 3

Awarded : 3

DESIGN PRELIMINARY REVIEW

The LEED Form states that the project has reduced potable water use by 36.97%.



Energy And Atmosphere

EAp1 : Fundamental Commissioning of the Building Energy Systems

Awarded

CONSTRUCTION FINAL REVIEW

The additional documentation demonstrates compliance.

CONSTRUCTION PRELIMINARY REVIEW

The LEED Form states that fundamental commissioning is complete. However, to demonstrate compliance, the following must be addressed.

TECHNICAL ADVICE

1. This prerequisite has been submitted for review more than six months after the construction substantial completion date provided under Pf4: Schedule and Overview Documents (February 18,2020). However, the commissioning report is still pending completion. Note that commissioning and final report completion is not expected to continue more than six months past substantial completion of construction activities. Please complete commissioning activities and provide the completed commissioning report for the Final Review. Ensure the commissioning report includes a comprehensive description of the commissioning activities, the outcome of the commissioning process, and a complete list of any deficiencies identified and their current status.

EAp2 : Minimum Energy Performance

Awarded

DESIGN FINAL REVIEW

The LEED Form has been revised to address the issues outlined in the Preliminary Review and states that the project has achieved an energy cost savings of 36.6%. The total predicted annual energy consumption for the project is 294,604 kWh/year of electricity, 7,593 therms/year of natural gas, and 81,512-ton hours/year of district cooling.

DESIGN PRELIMINARY REVIEW

The LEED Form states that the project complies with Option 1: Whole Building Energy Simulation and has achieved an energy cost savings of 40.8%. However, to demonstrate compliance, the following comments requiring a project response (marked as Mandatory) must be addressed for the Final Review.

TECHNICAL ADVICE

REVIEW COMMENTS REQUIRING A PROJECT RESPONSE (Mandatory)

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 between the Preliminary and Final Review phases not addressed by the responses to the review comments. The mandatory comments are perceived to reduce the projected savings for the Proposed design. If the projected savings increase substantially in the Final submission, without implementing any optional comments that may improve performance, a narrative explanation for these results must be provided.

2. Demand control ventilation was modeled for credit in the Proposed Case. Appendix G allows schedule changes for demand control ventilation as approved by the rating authority (Table G3.1.4 (Baseline)). Whenever credit is taken for demand control ventilation in the Proposed Case, the outside air ventilation rates for the Baseline Case must be modeled using minimum ASHRAE 62.1-2007 rates. The Proposed Case minimum rates at design conditions should be modeled as designed. Confirm that the Baseline Case model reflects ASHRAE 62.1-2007 minimum rates for any spaces where credit is taken for demand control ventilation or revise the model accordingly. For all other spaces, confirm that minimum outside airflow (in units of cfm) was modeled identically in the Baseline and Proposed Cases. Additionally, verify that all systems in both the Baseline and Proposed Case are modeled with zero outside air flow when fans are cycled on to meet unoccupied setback temperatures unless health or safety regulations mandate an alternate minimum flow during unoccupied periods (in which case, the unoccupied outside air rates should be modeled identically in the Baseline and Proposed Cases).

3. Provide a narrative describing the renewable energy production system, including the methodology used to estimate the annual energy generated by the system.

4. From the information provided it does not appear that energy use for elevators have been included in either the Baseline Case or Proposed Case models. The unregulated receptacle and process energy should reflect the actual process loads in the appropriate spaces as required by ASHRAE 90.1-2007 Table G3.1.1(a) and G3.1.12. Revise the Proposed and Baseline models to reflect the actual unregulated inputs (such as receptacle loads, kitchen loads, elevator loads, etc.) in the appropriate spaces. In addition, revise the Minimum Energy Performance Calculator reflecting the changes. If the process cost is below 25% of the Baseline energy cost after making any necessary changes, provide an additional narrative justification for the low process cost.

EAp3 : Fundamental Refrigerant Management**Awarded****DESIGN PRELIMINARY REVIEW**

The LEED Form states that there are no CFC-based refrigerants serving the project building.

EAc1 : Optimize Energy Performance

POSSIBLE POINTS: 19

ATTEMPTED: 13, DENIED: 0, PENDING: 0, AWARDED: 13

Awarded : 13**DESIGN FINAL REVIEW**

Additional documentation has been provided for EAp2: Minimum Energy Performance claiming an energy cost savings of 36.6%.

DESIGN PRELIMINARY REVIEW

The LEED Form states that the project has achieved an energy cost savings of 40.8%. However, to demonstrate compliance, the following must be addressed.

TECHNICAL ADVICE

1. Refer to the comments within EAp2: Minimum Energy Performance and resubmit this credit.
-

EAc2 : On-Site Renewable Energy

POSSIBLE POINTS: 7

ATTEMPTED: 7, DENIED: 0, PENDING: 0, AWARDED: 7

Awarded : 7**DESIGN FINAL REVIEW**

The additional documentation demonstrates that the project has offset 15.83% of the total energy costs through renewable energy generated on-site.

DESIGN PRELIMINARY REVIEW

The LEED Form states that the project complies with Option 1: Whole Building Energy Simulation and that the project has offset 20.48% of the total energy costs through renewable energy generated on-site. However, to demonstrate compliance, the following must be addressed.

TECHNICAL ADVICE

1. Provide a narrative describing the renewable energy production system, including the methodology used to estimate the annual energy generated by the system.
-

EAc3 : Enhanced Commissioning

POSSIBLE POINTS: 2

Not Attempted**EAc4 : Enhanced Refrigerant Management**

POSSIBLE POINTS: 2

Attempted**EAc5 : Measurement and Verification**

POSSIBLE POINTS: 3

Attempted**EAc6 : Green Power**

POSSIBLE POINTS: 2

Not Attempted



Materials And Resources

MRp1 : Storage and Collection of Recyclables

Awarded

DESIGN PRELIMINARY REVIEW

The LEED Form states that the project has provided appropriately sized dedicated areas for the collection and storage of materials for recycling.

MRc1.1 : Building Reuse-Maintain Existing Walls, Floors and Roof

POSSIBLE POINTS: 3

Not Attempted

MRc1.2 : Building Reuse - Maintain 50% of Interior Non-Structural Elements

POSSIBLE POINTS: 1

Not Attempted

MRc2 : Construction Waste Management

POSSIBLE POINTS: 2

ATTEMPTED: 2, DENIED: 0, PENDING: 0, AWARDED: 2

Awarded : 2

CONSTRUCTION PRELIMINARY REVIEW

The LEED Form states that the project has diverted 75% of the on-site generated construction waste from landfill.

MRc3 : Materials Reuse

POSSIBLE POINTS: 2

Not Attempted

MRc4 : Recycled Content

POSSIBLE POINTS: 2

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

Awarded : 1

CONSTRUCTION PRELIMINARY REVIEW

The LEED Form states that 11.77% of the total building materials content, by value, has been manufactured using recycled materials.

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

1. The Southland tube and Independence Tube documentation states that the recycled content came from the Steel Recycling Institute rather than specific information for the installed project as noted in LEED Interpretation 10246. If no data is available for a steel product, the project team may use the 25% post-consumer LEED default.

2. The documentation provided does not appear to confirm the recycled content values listed for FA 1 Sand, CA-11 Rock, and Illinois Cement.

When these issues are addressed and the form is recalculated, the project 10.58% recycled content

MRc5 : Regional Materials

POSSIBLE POINTS: 2

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

Awarded : 1

CONSTRUCTION PRELIMINARY REVIEW

The LEED Form states that 14.11% of the total building materials value includes materials and products that have been manufactured and extracted within 500 miles of the project site.

MRc6 : Rapidly Renewable Materials

POSSIBLE POINTS: 1

Not Attempted

MRc7 : Certified Wood

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

Awarded : 1

CONSTRUCTION FINAL REVIEW

The additional documentation provided demonstrates compliance for installation of 71% total wood-based building materials are certified in accordance with the principles and criteria of the Forest Stewardship Council (FSC).

CONSTRUCTION PRELIMINARY REVIEW

The LEED Form states that 100% of the total wood-based building materials are certified in accordance with the principles and criteria of the Forest Stewardship Council (FSC). However, to demonstrate compliance, the following must be addressed.

TECHNICAL ADVICE

1. The LEED Materials and Resource Calculator indicates the only new wood product is Acer Flooring Unfinished Wood Flooring, while the invoices indicate other new wood products in addition to flooring. Additionally, several invoices indicate non-FSC new wood products in the project scope. Therefore, it is unclear if the LEED Materials and Resource Calculator represents all of the new wood products within the project scope and appears to overstate the value of the FSC compliant products.

Provide a revised LEED Materials and Resource Calculator which lists all new wood with the project scope, additional FSC compliant vendor invoices as required, and a narrative. Refer to the detailed documentation guidance for this credit outlined in the April 7, 2008 USGBC FSC Memorandum and LEED Interpretation 10296, which can be found on the USGBC website. Provide FSC compliant vendor invoices, and additional documentation if necessary, for all FSC Certified wood products.



Indoor Environmental Quality

IEQp1 : Minimum Indoor Air Quality Performance

Awarded

DESIGN PRELIMINARY REVIEW

The LEED Form states that the project is mechanically ventilated and that the ventilation system has met the minimum requirements of ASHRAE 62.1-2007.

IEQp2 : Environmental Tobacco Smoke (ETS) Control

Awarded

DESIGN PRELIMINARY REVIEW

The LEED Form states that smoking is prohibited on the project site. Additionally, smoking is prohibited within the building.

IEQc1 : Outdoor Air Delivery Monitoring

Awarded : 1

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

DESIGN PRELIMINARY REVIEW

The LEED Form states that the project is mechanically ventilated, that a CO2 sensor has been installed within each densely occupied space, that an outdoor airflow measurement device has been installed for all systems where 20% or more of the design supply airflow services non-densely occupied spaces, and these devices are programmed to generate an alarm when the conditions vary by 10% or more from the design value.

IEQc2 : Increased Ventilation

Not Attempted

POSSIBLE POINTS: 1

IEQc3.1 : Construction IAQ Management Plan-During Construction

Awarded : 1

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

CONSTRUCTION PRELIMINARY REVIEW

The LEED Form states that the project reduces air quality problems resulting from construction to promote the comfort and well-being of construction workers and building occupants.

IEQc3.2 : Construction IAQ Management Plan-Before Occupancy

Attempted

POSSIBLE POINTS: 1

IEQc4.1 : Low-Emitting Materials-Adhesives and Sealants

Awarded : 1

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

CONSTRUCTION FINAL REVIEW

The additional documentation demonstrates compliance.

CONSTRUCTION PRELIMINARY REVIEW

The LEED Form states that all adhesive and sealant products used on the inside of the weatherproofing system and applied on-site have been included in the tables and comply with the VOC limits of the referenced standards for this credit. However, to demonstrate compliance, the following must be addressed.

TECHNICAL ADVICE

1. It is unclear whether all adhesives and sealants used on the inside of the weatherproofing system and applied on-site have been included in the table. Based on the scope of work, the following adhesives and sealants appear to be missing: drywall and panel adhesives, wall-base adhesives, duct sealants, multipurpose construction adhesives, structural glazing and wood adhesives, plumbing adhesives and sealants, wall-covering adhesives, fiberglass panel adhesives, welding adhesives, and aerosol adhesives.

Refer to the referenced standards of this credit and confirm whether the comprehensive list of adhesives and sealants, as defined by the referenced standards, used on the inside of the weatherproofing system and applied on-site have been included

in the table. The following are common products included in this credit: flooring adhesives, subfloor adhesives, drywall and panel adhesives, wall-base adhesives, multipurpose construction adhesives, structural glazing and wood adhesives, substrate adhesives, tile adhesives, contact adhesives, architectural sealants (including grouts, and polyurethane or plastic foams), duct sealants, plumbing adhesives and sealants, wall-covering adhesives, fiberglass panel adhesives, welding adhesives, and aerosol adhesives. Refer to the South Coast Air Quality Management District (SCAQMD) South Coast Rule 1168 (effective date of July 1, 2005 and rule amendment date of January 7, 2005) for the complete list and definitions. Consult AQMD and product manufacturers for assistance in properly classifying products. Revise the form, provide additional manufacturer documentation, and include a narrative to explain any special circumstances, if necessary. Ensure that all applicable products have been included in the documentation.

2. It appears the Color- Crete Liq Pigment products have been incorrectly listed as an adhesives and sealants. It appears these are concrete coloring products. Revise the list to include only adhesives and sealants within the weather barrier.

IEQc4.2 : Low-Emitting Materials-Paints and Coatings

Awarded : 1

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

CONSTRUCTION PRELIMINARY REVIEW

The LEED Form states that all paint and coating products used on the inside of the weatherproofing system and applied on-site have been included in the tables and comply with the VOC limits of the referenced standards for this credit.

IEQc4.3 : Low-Emitting Materials-Flooring Systems

Awarded : 1

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

CONSTRUCTION FINAL REVIEW

The additional documentation demonstrates compliance.

CONSTRUCTION PRELIMINARY REVIEW

The LEED Form states that all interior flooring materials meet or exceed applicable criteria for the Carpet and Rug Institute, South Coast Air Quality Management District, the California Department of Health Standard, or FloorScore; the carpet adhesives used have a VOC level of less than 50 g/L; all floor finishes meet the requirements of SCAQMD Rule 1113; and all tile setting adhesives and grout meet SCAQMD Rule 1168. However, to demonstrate compliance, the following must be addressed.

TECHNICAL ADVICE

1. The documentation within the LEED Materials and Resource Calculator indicates that Roppe Corporation products (lines 80-86) were used in the project, but have not been included in the list for this credit. Confirm that all applicable interior flooring materials and finishes (carpet, carpet pad, hard surface flooring, wall base, floor finishes, and tile setting adhesives and grouts) within the scope of work are listed in the tables. Revise the form and provide additional manufacturer documentation and a narrative.

IEQc4.4 : Low-Emitting Materials-Composite Wood and Agrifiber Products

Awarded : 1

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

CONSTRUCTION FINAL REVIEW

The additional documentation demonstrates compliance.

CONSTRUCTION PRELIMINARY REVIEW

The LEED Form states that all composite wood and agrifiber products used on the interior of the building and all laminating adhesives used to fabricate on-site and shop-applied composite wood and agrifiber assemblies contain no added urea-formaldehyde resins. However, to demonstrate compliance, the following must be addressed.

TECHNICAL ADVICE

1. Laminating adhesives have not been included in the table. Based on the documents within P1f4: Schedule and Overview Documents there appears to be significant millwork in the project scope. Revise the form to include all laminating adhesives used to fabricate on-site and shop-applied composite wood and agrifiber assemblies. Provide additional manufacturer documentation and a narrative.

IEQc5 : Indoor Chemical and Pollutant Source Control

Awarded : 1

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

DESIGN PRELIMINARY REVIEW

The LEED Form states that the project has been designed to minimize building occupant exposure to potentially hazardous particulates and chemical pollutants.

IEQc6.1 : Controllability of Systems-Lighting
POSSIBLE POINTS: 1

Withdrawn

IEQc6.2 : Controllability of Systems-Thermal Comfort
POSSIBLE POINTS: 1

Withdrawn

IEQc7.1 : Thermal Comfort-Design

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

Awarded : 1

DESIGN PRELIMINARY REVIEW

The LEED Form states that the mechanically ventilated and mechanically conditioned project space is in compliance with ASHRAE 55-2004.

IEQc7.2 : Thermal Comfort-Verification

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

Awarded : 1

DESIGN PRELIMINARY REVIEW

The LEED Form states that a permanent monitoring system will be installed and a thermal comfort survey of building occupants will be conducted between six and 18 months after occupancy.

IEQc8.1 : Daylight and Views-Daylight
POSSIBLE POINTS: 1

Not Attempted

IEQc8.2 : Daylight and Views-Views
POSSIBLE POINTS: 1

Not Attempted



Innovation In Design

IDc1.1 : EAc2 On-site Renewable Energy
POSSIBLE POINTS: 1

Attempted

IDc1.1 : Innovation in Design
POSSIBLE POINTS: 1

Not Attempted

IDc1.2 : Innovation in Design
POSSIBLE POINTS: 1

Not Attempted

IDc1.2 : Innovation in Design
POSSIBLE POINTS: 1

Not Attempted

IDc1.3 : SSc4.1 Alternative Transportation: Public Transportation Access

Awarded : 1

POSSIBLE POINTS: 1
ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

DESIGN PRELIMINARY REVIEW

The LEED Form states that the project achieves exemplary performance for SSc4.1: Alternative Transportation - Public Transportation Access. The project location has at least double the transit lines required for the base credit, and the total frequency is 284 rides per day.

IDc1.3 : Innovation in Design
POSSIBLE POINTS: 1

Not Attempted

IDc1.4 : Innovation in Design
POSSIBLE POINTS: 1

Not Attempted

IDc1.4 : Innovation in Design
POSSIBLE POINTS: 1

Not Attempted

IDc1.5 : Innovation in Design - Purchasing Lamps

Awarded : 1

POSSIBLE POINTS: 1
ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

DESIGN PRELIMINARY REVIEW

The LEED Form states that the project team has developed and implemented an ID credit proposal in compliance with LEED-EB OM v4: Purchasing - Lamps, which sets a maximum threshold of 35 picograms of mercury per lumen-hour, or less, for all mercury-containing lamps purchased for the building and associated grounds within the project boundary. Based on the documentation provided, compliance with LEED-EB OM v4: Purchasing - Lamps has been demonstrated.

IDc1.5 : Innovation in Design
POSSIBLE POINTS: 1

Not Attempted

IDc2 : LEED® Accredited Professional

Awarded : 1

POSSIBLE POINTS: 1
ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

CONSTRUCTION PRELIMINARY REVIEW

The LEED Form states that a LEED AP has been a participant on the project development team.



Regional priority credits

SSc1 : Site Selection

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

SSc2 : Development Density and Community Connectivity

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

SSc4.1 : Alternative Transportation-Public Transportation Access

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

SSc4.4 : Alternative Transportation-Parking Capacity

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 1

SSc6.2 : Stormwater Design-Quality Control

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 0

SSc7.1 : Heat Island Effect, Non-Roof

POSSIBLE POINTS: 1

ATTEMPTED: 1, DENIED: 0, PENDING: 0, AWARDED: 0

TOTAL

110

70

0

0

68

REVIEW SUMMARY

Review			POINTS:			
	SUBMITTED	RETURNED	SUBMITTED	DENIED	PENDING	AWARDED
Design Preliminary	07/09/2019	07/25/2019	59	0	22	36

Credit	STATUS	TYPE	POINTS: ATTEMPTED	DENIED	PENDING	AWARDED
Minimum Program Requirements	Approved		0	0	0	0
Project Summary Details	Approved		0	0	0	0
Occupant and Usage Data	Approved		0	0	0	0
Schedule and Overview Documents	Approved		0	0	0	0
Site Selection	Anticipated	Design	2	0	0	2
Development Density and Community Connectivity	Anticipated	Design	6	0	0	6
Alternative Transportation-Public Transportation Access	Anticipated	Design	7	0	0	7
Alternative Transportation-Parking Capacity	Anticipated	Design	3	0	0	3
Site Development-Maximize Open Space	Anticipated	Design	1	0	0	1
Stormwater Design-Quantity Control	Anticipated	Design	1	0	0	1
Stormwater Design-Quality Control	Anticipated	Design	2	0	0	1
Heat Island Effect-Roof	Anticipated	Design	1	0	0	1
Light Pollution Reduction	Anticipated	Design	1	0	0	1
Water Use Reduction-20% Reduction	Anticipated	Design	0	0	0	0
Water Efficient Landscaping	Anticipated	Design	4	0	0	4
Water Use Reduction	Anticipated	Design	3	0	0	3
Minimum Energy Performance	Pending	Design	0	0	0	0
Fundamental Refrigerant Management	Anticipated	Design	0	0	0	0
Optimize Energy Performance	Pending	Design	15	0	15	0
On-Site Renewable Energy	Pending	Design	7	0	7	0
Storage and Collection of Recyclables	Anticipated	Design	0	0	0	0
Minimum Indoor Air Quality Performance	Anticipated	Design	0	0	0	0
Environmental Tobacco Smoke (ETS) Control	Anticipated	Design	0	0	0	0
Outdoor Air Delivery Monitoring	Anticipated	Design	1	0	0	1
Indoor Chemical and Pollutant Source Control	Anticipated	Design	1	0	0	1
Thermal Comfort-Design	Anticipated	Design	1	0	0	1
Thermal Comfort-Verification	Anticipated	Design	1	0	0	1
SSc4.1 Alternative Transportation: Public Transportation Access	Anticipated	Design	1	0	0	1
Innovation in Design - Purchasing Lamps	Anticipated	Design	1	0	0	1

Design Final	10/23/2019	11/08/2019	20	0	0	20
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Credit

	STATUS	TYPE	POINTS: ATTEMPTED	DENIED	PENDING	AWARDED
Minimum Energy Performance	Anticipated	Design	0	0	0	0
Optimize Energy Performance	Anticipated	Design	13	0	0	13
On-Site Renewable Energy	Anticipated	Design	7	0	0	7

Construction Preliminary

01/29/2021

02/11/2021

13

0

4

8

Credit	STATUS	TYPE	POINTS: ATTEMPTED	DENIED	PENDING	AWARDED
Construction Activity Pollution Prevention	Awarded	Construction	0	0	0	0
Heat Island Effect, Non-Roof	Awarded	Construction	2	0	0	1
Fundamental Commissioning of the Building Energy Systems	Pending	Construction	0	0	0	0
Construction Waste Management	Awarded	Construction	2	0	0	2
Recycled Content	Awarded	Construction	1	0	0	1
Regional Materials	Awarded	Construction	1	0	0	1
Certified Wood	Pending	Construction	1	0	1	0
Construction IAQ Management Plan-During Construction	Awarded	Construction	1	0	0	1
Low-Emitting Materials-Adhesives and Sealants	Pending	Construction	1	0	1	0
Low-Emitting Materials-Paints and Coatings	Awarded	Construction	1	0	0	1
Low-Emitting Materials-Flooring Systems	Pending	Construction	1	0	1	0
Low-Emitting Materials-Composite Wood and Agrifiber Products	Pending	Construction	1	0	1	0
LEED® Accredited Professional	Awarded	Construction	1	0	0	1

Construction Final

08/11/2021

08/24/2021

4

0

0

4

Credit

	STATUS	TYPE	POINTS: ATTEMPTED	DENIED	PENDING	AWARDED
Schedule and Overview Documents	Approved		0	0	0	0
Fundamental Commissioning of the Building Energy Systems	Awarded	Construction	0	0	0	0
Certified Wood	Awarded	Construction	1	0	0	1
Low-Emitting Materials-Adhesives and Sealants	Awarded	Construction	1	0	0	1
Low-Emitting Materials-Flooring Systems	Awarded	Construction	1	0	0	1
Low-Emitting Materials-Composite Wood and Agrifiber Products	Awarded	Construction	1	0	0	1