University Village – Campus Development
LEED Project ID 1000060424

Oppidan Investment Company is developing two Parcels (Parcel A and B) within the University Village development utilizing the campus certification pathway for LEED certification. Three separate buildings are included within the University Village development: Sprouts, Retail A-2 (single tenant) and Parcel B Retail (multi-tenant). The City of Albany has requested that the projects achieve LEED GOLD certification. LEED certification will require development of a Master Site Plan through which the individual projects will be awarded site wide-credits and pursuit of project specific credits through individual project registrations and certifications. Targeted LEED credits and performance goals for these projects are summarized on the following pages.

The project team has submitted Final (100% CD) drawings for Sprouts and Retail A-2 and 75% CD drawings for Parcel B to the City for review. The project cannot achieve LEED certification until completion of the project and documentation is reviewed by USGBC/GBCI as part of the LEED certification process.

The project team has begun LEED certification documentation efforts on the Master Site and Sprouts projects. Most credits are in process. Credit forms which have been completed at LEEDonline are included with this memorandum. The summary comments pertaining to other LEED credits – particularly for the Retail A-2 and Parcel B projects represent target goals for the project and the project team's best estimate of those credits and thresholds the projects are likely to achieve.

University Village – Master Site
LEED Project ID 1000060419

No LEED certification is awarded to the campus or Master Site. However, credits are awarded to individual projects with the campus/master site boundary through the master site plan pathway – accounting for all site wide related credits.

The project team has identified the following site wide credits (SSp1, SSc1, SSc4, SSc6.2, SSc7.2, SSc8, WEc1, MRc2, IDc2) for a total value of 24 points to pursue through the Master Site pathway.

Although the Master Site will not achieve LEED certification of its own, successful completion of these credits will be awarded to each of the individual projects for use in their respective certification attempts.

SSp1 – Construction Activity Pollution Prevention
The project team has completed an Erosion and Sedimentation Control plan for the site. The contractor for the project will complete the necessary inspections and documentation necessary

SSc1 - Site Selection
The project meets all the requirements of this credit.

SSc2 – Development Density and Community Connectivity.
The project is within ½ mile radius of a residential neighborhood with an average density of at least 10 units per acre and at least 10 basic services with pedestrian access and scale.

SSc4 – Alternative Transportation
The project is within ¼ mile walking distance of 1 or more stops (8) for 2 or more public bus lines (6); provides 38 bike racks and/or lockers, will provide bike route assistance to customers and employees; provides preferred parking (14 spaces) for Low Emitting Fuel Efficient Vehicles and Carpools.

SSc6.2 – Stormwater Design - Quality Control
The project team has plans to meet the requirements of this credit by providing best management practices that remove 80% of TSS from 90% of the stormwater on site.

SSc7.2 Heat Island Effect, Roof
The project meets the requirements of this credit by use of high-albedo materials covering a minimum of 75% of the roof area. The roofs on all buildings within the development are high reflectance, white TOP membrane, materials at awnings are also high reflectance materials.

SSc8 – Light Pollution Reduction (Maybe) - PENDING
The project team will provide a master lighting plan addressing interior and exterior lighting requirements, shielding, lighting trespass limits and light power densities for the site. Currently, the project site does not meet exterior lighting trespass limits for the site due to light levels at site entries and several areas along the bicycle pathway to the north and west of the project site. The project team is studying methods to achieve this credit.

WEc1 – Water Efficient Landscaping
The project team has determined that the landscaping and irrigation systems will be designed to reduce irrigation water consumption by 50% or more from a calculated baseline case.

MRc2 - Construction Waste Management
The project team has identified a target goal for site wide construction waste diversion from landfill at 95% - enough to earn both threshold points for the credit and an Exemplary Performance credit (IDc1.5). Performance of this credit will be tracked during construction by the contractor.

IDc2 – LEED Accredited Professional
The project will earn credit IDc2 for having a LEED Accredited professional as part of its team.

University Village – Sprouts Market
LEED Project ID 1000060456

LEED NC – RETAIL v2009 - Gold Certification Strategy Summary

The Sprouts market project is pursuing LEED NC- Retail v2009 GOLD certification. The project cannot achieve LEED certification until the completion of construction and review of all documentation by USGBC/GBCI. The project team has identified the LEED design and construction strategies the project will pursue. See the attached projected scorecard "Sprouts_Prelim_LEED NC-R2009 checklist_GOLD_20160111.pdf". A minimum of 60 points are required to achieve Gold level certification - the project team has identified **63 points as Achievable** and 5 points as Maybe/Pending.

The project team expects a total of 24 points (SSp1, SSc1, SSc4, SSc6.2, SSc7.2, SSc8, WEc1, MRc2, IDc2) to be awarded through the Master Site path described above. The balance of the credits and points will be awarded on an individual project basis.

The project team has identified the following individual credits to pursue through the individual project pathway:

WEp1 Water Use Reduction – 20%
The project has been designed to reduce water use (including process water use for kitchen equipment) by more than 35%. This meets the requirements of this prerequisite.

WEc3 Water Use Reduction – 35%
The project has been designed to reduce water use (including process water use for kitchen equipment) by more than 35%. This earns 3 points under this credit's threshold requirements.

EAp1 – Fundamental Commissioning of the Building Energy Systems
The project team has engaged the services of a third party commissioning agent to review the project design for conformance with the Owner's Project Requirements (OPR) and to verify that the project's energy related systems are installed and calibrated to perform according to the OPR, basis of design and construction documents.

EAp2 – Minimum Energy Performance
The project has been designed to meet the minimum requirements of CA Title 24-2005 ch. 6 for all regulated and process energy loads in the building. Energy Model results based on the 100% CD drawings and systems design indicate the project will achieve a 32.5% energy cost savings compared to baseline standards.

EAp3 – Fundamental Refrigerant Management
The project has been designed for zero use of CFC refrigerants in base building HVAC and refrigeration systems.

EAc1 – Optimize Energy Performance
The energy model indicates a 32.5% improvement in the proposed building performance rating in accordance with ASHRAE Std 90.1—2007 (and CA Title 24-2005 ch. 6) for all regulated and process energy loads in the building.

EAc3 – Enhanced Commissioning
The project team has engaged the services of a third party commissioning agent to implement additional commissioning process activities in addition to the requirements if EAp1 including review of contractor submittals, development of a systems manual, verification of requirements for operational training and conduct a review of the building with operations and maintenance staff and occupants within 10 months after substantial completion.

EAc5 – Measurement and Verification
The owner will report utility usage (electricity, water, gas) to USGBC using the Energy Star Portfolio Manager tool.

EAc6 – Green Power
The project team has committed to engage in at least a 2 year renewable energy contract to provide at

least 70% of the building's electricity from renewable sources. A purchase equal to 70% of the building's electrical needs qualifies for an exemplary performance credit – IDc1.3 listed below. A preliminary estimate for the Green Power purchase is included with this memorandum.

Additionally, the project team has designated an area on the rooftop to allow for the future installation of solar panels should the building owner desire to produce on-site renewable energy via either photovoltaic (PV) or solar domestic hot water (SDHW) arrays.

MRp1 Storage and Collection of Recyclables
The project has been designed to include space designated for the storage of recyclable materials.

MRc4 – Recycled Content
The project team has identified a target goal of using a materials that in total have a sustainable criteria value (postconsumer + ½ pre-consumer recycled content) of at least 10% of the total materials cost for the project.

MRc5 - Regional Content
The project team has identified a target goal of using materials that in total have a sustainable criteria value (materials harvested/extracted/recovered and manufactured within 500 miles of the project site) of at least 20% of the total materials cost for the project.

MRc7- Certified Wood
The project team has identified a target goal of using a materials that in total have a sustainable criteria value (new wood products are FSC certified) of at least 95% of the total new wood materials cost for the project. A value of at least 95% will earn an exemplary performance credit IDc1.4 (selected as "Maybe")

IEQp1 – Minimum Indoor Air Quality Performance
The project has been designed to meet the minimum requirements of Sections 4-7 of ASHRAE 62.1-2007, Ventilation for Acceptable Indoor Air Quality.

IEQp2– Environmental Tobacco Smoke Control
The project has been designed to Prohibit on-property smoking within 25 feet of entries, outdoor air intakes and operable windows, AND, outdoor spaces such as sidewalk seating, patios and courtyards and include signage prohibiting smoking within 25 feet of those areas.

IEQc1 – Outdoor Air Delivery Monitoring
The project has been designed to include permanent monitoring systems to ensure that ventilation systems maintain design minimum requirements. All monitoring equipment is to be configured to generate an alarm when airflow values or carbon dioxide levels vary by 10% or more from design values via a building automation system alarm to the building operator.

IEQc3.1 – Construction Indoor Air Quality Management Plan – During Construction
The project contractor will develop and implement an IAQ management plan for the construction and preoccupancy phases of the building that ensures all material stored onsite and installed absorptive materials are protected from moisture damage, filtration media for all permanently installed air handlers used during construction is replaced immediately prior to occupancy with MERV 13 filters (to also satisfy partial requirements of IEQc5) and that all recommended control measures of SMACNA IAQ Guidelines for Occupied Buildings under construction, 2007 are met or exceeded.

IEQc3.2 – Construction Indoor Air Quality Management Plan – Before Occupancy
The project will utilize an IAQ Management plan that calls for a building flush out supplying 14,000 cu ft of outdoor air per sf of floor area while maintaining an internal temperature of at least 60 deg F and relative humidity no higher than 60%. The building flush out will be conducted after all finishes, absorptive materials and permanent fixtures have been installed, after substantial completion and completion of punch list items have been completed immediately prior to occupancy.

IEQc4 – Low Emitting Materials
All adhesives, sealants, paints and coating, flooring systems, composite wood and agri-fiber products and Ceiling and Wall systems will meet the requirements of Cal Green and LEED NC-Retail, v2009.

IEQc5 – Indoor Chemical and Pollutant Source Control (Maybe) - PENDING
The project will provide permanent entryway systems 10ft long minimum, MERV 13 filters, separate exhaust and any space where hazardous gases or chemical may be present or used (none such proposed)

IEQc7.1 – Thermal Comfort – Design
The project has been designed to meet the requirements of AHSRAE Standard 55-2004 – Section 6.1.1 documentation which accounts for human activity level in addition to job type and mechanical systems.

IEQc7.2 – Thermal Comfort – Employee Verification
The project will provide a permanent monitoring system to ensure building performance meets the desired comfort criteria as determined by IEQc7.1.

The Owner will conduct an anonymous thermal comfort survey of building employees within a period of 6 to 18 months after occupancy and develop a plan for corrective action if survey results indicate more than 20% of occupants are dissatisfied with the thermal comfort in the building.

IDc1.1 Low Mercury Lighting
The project team has targeted a reduction of the mercury content in the lighting included in the project (interior and exterior lighting) such that the maximum mercury content will be below 80 picograms/lumen hour. The team will provide the Owner's lamp purchasing policy, record of purchase and lamp cut sheets and mercury reduction calculations.

IDc1.2 Educational Signage
The project team will prepare an Educational Signage program distributed throughout the store and in select locations on site. The signage will explain the environmental, economic and social benefits of sustainable strategies used within the project.

IDc1.3 Exemplary Performance EAc6
Described above

IDc1.4 Exemplary Performance MRc7
Described above

IDc1.5 Exemplary Performance SSc4.1
Described above.

University Village – Retail A-2 (Single Tenant - Corner Retail Building)

LEED CS v2009 – LEED Strategy Summary
Project is not yet registered at LEED online

The 4,700sf Retail 2 core and shell project is pursuing LEED CS - v2009 GOLD certification. The project cannot achieve LEED certification until the completion of construction and review of all documentation by USGBC/GBCI. The project team has identified the LEED design and construction strategies the project will pursue. See the attached projected scorecard "Retail A-2_Prelim_LEED CS-2009 checklist_GOLD_20161011.pdf". A minimum of 60 points are required to achieve Gold level certification - the project team has identified **63 points as Achievable** and 5 points as Maybe/Pending.

The project team expects a total of 24 points (SSp1, SSc1, SSc4, SSc6.2, SSc7.2, SSc8, WEc1, MRc2, IDc2) to be awarded through the Master Site path described above. The balance of the credits and points will be awarded on an individual project basis.

The project team has identified the following individual credits to pursue through the individual project pathway:

SSc9 – Tenant Design and Construction Guidelines
The project will publish an illustrated document that provides tenants with the following design and construction information: 1) A description of the sustainable design and construction features incorporated in the core and shell project and the project's sustainability goals and objectives, including those for tenant space. 2) Information on LEED 2009 for Commercial Interiors and how the core and shell building contributes to achieving these credits. 3) Technical information that enables a tenant to coordinate space design and construction with the core and shell building systems, including specific LEED 2009 for Commercial Interiors credit information. 4) Recommendations, including examples, for sustainable strategies, products, materials, and services.

WEp1 - Water Use Reduction – 20%
The project will require in its Tenant Sales and Lease Agreements that Tenants design their spaces to reduce water use [Flush, Flow and process water use for kitchen equipment] by more than 35%. This meets the requirements of this prerequisite.

WEc3 - Water Use Reduction – 40%
The project will require in its Tenant Sales and Lease Agreements that Tenants design their spaces to reduce water use [Flush, Flow and process water use for kitchen equipment] by more than 40%. This earns 4 points under this credit's threshold requirements.

EAp1 – Fundamental Commissioning of the Building Energy Systems
The project team has engaged the services of a third party commissioning agent to review the project design for conformance with the Owner's Project Requirements (OPR) and to verify that the project's energy related systems are installed and calibrated to perform according to the OPR, basis of design and construction documents.

EAp2 – Minimum Energy Performance
The project has been designed to meet the minimum requirements of CA Title 24-2005 ch. 6 for all regulated and process energy loads in the building.

EAp3 – Fundamental Refrigerant Management
The project core and shell has been designed for zero use of CFC refrigerants in base building HVAC and refrigeration and fire suppression systems. The tenant sales and/or lease agreement will contain binding language such that spaces within the scope of anticipated tenant work will comply with the requirements of this prerequisite/credit when completed.

EAc1 – Optimize Energy Performance
The project team has targeted a 22% minimum improvement in the proposed building performance rating in accordance with ASHRAE Std 90.1—2007 (and CA Title 24-2005 ch. 6) for all regulated and process energy loads in the building.

EAc3 – Enhanced Commissioning
The project team has engaged the services of a third party commissioning agent to implement additional commissioning process activities in addition to the requirements if EAp1 including review of contractor submittals, development of a systems manual, verification of requirements for operational training and conduct a review of the building with operations and maintenance staff and occupants within 10 months after substantial completion.

EAc4 – Enhanced Refrigeration Management (Maybe) - PENDING
The project core and shell has been designed for zero use of CFC refrigerants in base building HVAC and refrigeration and fire suppression systems. The tenant sales and/or lease agreement will contain binding language such that spaces within the scope of anticipated tenant work will comply with the requirements of this prerequisite/credit when completed.

Fire suppression systems that contain ozone-depleting substances will not be installed or operated within the project building or associated grounds. Refrigerants and HVAC&R systems installed will minimize or eliminate the emission of compounds that contribute to ozone depletion and global climate change. The base building HVAC&R equipment will comply with the maximum threshold for the combined contributions to ozone depletion and global warming potentials.

EAc5 .1 – Measurement and Verification – Base Building
The project team will develop and implement a measurement and verification plan to be implemented for a minimum of 1 year of post construction occupancy. The will include a process for corrective action if the results of the M&V plan indicates that predicted energy savings goals are not being met.

EAc5 .2 – Measurement and Verification – Tenant Sub-Metering
The project building will include a centrally monitored electronic metering network in the base building design that is capable of being expanded to accommodate the future tenant sub-metering as required by LEED for Commercial Interiors Rating System EAc3.

A Tenant Measurement & Verification (M&V) Plan will be developed and implemented for the project building. The plan will document and advise future tenants of this opportunity and the means of their achievement. The plan will also include a process for corrective action to ensure energy savings are realized if the results of the M & V plan indicate that energy savings are not being achieved.

EAc6 – Green Power
The project team has committed to engage in at least a 2 year renewable energy contract to provide at least 70% of the building's electricity from renewable sources. A purchase equal to 70% of the building's electrical needs qualifies for an exemplary performance credit – IDc1.3 listed below.

MRp1 Storage and Collection of Recyclables
The project has been designed to include space designated for the storage of recyclable materials.

MRc4 – Recycled Content
The project team has identified a target goal of using materials that in total have a sustainable criteria value (postconsumer + ½ pre-consumer recycled content) of at least 10% of the total materials cost for the project. Suggestions for material and product selections in tenant spaces will be included in the Tenant and Leasehold Agreements and design guidelines.

MRc5 - Regional Content
The project team has identified a target goal of using materials that in total have a sustainable criteria value (materials harvested/extracted/recovered and manufactured within 500 miles of the project site) of at least 20% of the total materials cost for the project. Suggestions for material and product selections in tenant spaces will be included in the Tenant and Leasehold Agreements and design guidelines.

MRc6 - Certified Wood
The project team has identified a target goal of using materials that in total have a sustainable criteria value (new wood products are FSC certified) of at least 95% of the total new wood materials cost for the project. A value of at least 95% will earn an exemplary performance credit IDc1.4. Suggestions for material and product selections in tenant spaces will be included in the Tenant and Leasehold Agreements and design guidelines.

IEQp1 – Minimum Indoor Air Quality Performance
The project has been designed to meet the minimum requirements of Sections 4-7 of ASHRAE 62.1-2007, Ventilation for Acceptable Indoor Air Quality.

IEQp2– Environmental Tobacco Smoke Control
The project has been designed to Prohibit on-property smoking within 25 feet of entries, outdoor air intakes and operable windows, AND, outdoor spaces such as sidewalk seating, patios and courtyards and include signage prohibiting smoking within 25 feet of those areas.

IEQc1 – Outdoor Air Delivery Monitoring
The project has been designed to include permanent monitoring systems to ensure that ventilation systems maintain design minimum requirements. All monitoring equipment is to be configured to generate an alarm when airflow values or carbon dioxide levels vary by 10% or more from design values via a building automation system alarm to the building operator.

IEQc3 – Construction Indoor Air Quality Management Plan – During Construction
The project contractor will develop and implement and IAQ management plan for the construction and preoccupancy phases of the building that ensures all material stored onsite and installed absorptive materials are protected from moisture damage, filtration media for all permanently installed air handlers used during construction is replaced immediately prior to occupancy with MERV 13 filters (to

also satisfy partial requirements of IEQc5) and that all recommended control measures of SMACNA IAQ Guidelines for Occupied Buildings under construction, 2007 are met or exceeded.

IEQc4 – Low Emitting Materials
All adhesives, sealants, paints and coating, flooring systems, composite wood and agri-fiber products will meet the requirements of Cal Green and LEED NC-Retail, v2009. Suggestions for material and product selections in tenant spaces will be included in the Tenant and Leasehold Agreements and design guidelines.

IEQc7.1 – Thermal Comfort – Design
The project has been designed to meet the requirements of AHSRAE Standard 55-2004 – Section 6.1.1 documentation which accounts for human activity level in addition to job type and mechanical systems.

IDc1.1 Low Mercury Lighting
The project team has targeted a reduction of the mercury content in the lighting included in the project (interior and exterior lighting) such that the maximum mercury content will be below 80 picograms/lumen hour. Suggestions to meet these criteria in tenant spaces will be included in the Tenant and Leasehold Agreements and design guidelines.

IDc1.2 Educational Signage
The project team will prepare an Educational Signage program distributed throughout the store and in select locations on site. The signage will explain the environmental, economic and social benefits of sustainable strategies used within the project.

IDc1.3 Exemplary Performance EAc6
Described above

IDc1.4 Exemplary Performance MRc6
Described above

IDc1.5 Exemplary Performance MRc2
Described above (in Master Site narrative)

University Village – Parcel B Retail (Multi-Tenant)
LEED Project ID 1000060755

LEED CS v2009 - Gold Certification Strategy Summary

The Parcel B core and shell project is pursuing LEED CS - v2009 GOLD certification. The project cannot achieve LEED certification until the completion of construction and review of all documentation by USGBC/GBCI. The project team has identified the LEED design and construction strategies the project will pursue. See the attached projected scorecard "Parcel B_Prelim_LEED CS-R2009 checklist_GOLD_20161011.pdf". A minimum of 60 points are required to achieve Gold level certification - the project team has identified **62 points as Achievable** and 6 points as Maybe/Pending.

The project team expects a total of 24 points (SSp1, SSc1, SSc4, SSc6.2, SSc7.2, SSc8, WEc1, MRc2, IDc2) to be awarded through the Master Site path described above. The balance of the credits and points will be awarded on an individual project basis.

The project team has identified the following individual credits to pursue through the individual project pathway:

SSc9 – Tenant Design and Construction Guidelines
The project will publish an illustrated document that provides tenants with the following design and construction information: 1) A description of the sustainable design and construction features incorporated in the core and shell project and the project's sustainability goals and objectives, including those for tenant space. 2) Information on LEED 2009 for Commercial Interiors and how the core and shell building contributes to achieving these credits. 3) Technical information that enables a tenant to coordinate space design and construction with the core and shell building systems, including specific LEED 2009 for Commercial Interiors credit information. 4) Recommendations, including examples, for sustainable strategies, products, materials, and services.

WEp1 - Water Use Reduction – 20%
The project will require in its Tenant Sales and Lease Agreements that Tenants design their spaces to reduce water use [Flush, Flow and process water use for kitchen equipment] by more than 35%. This meets the requirements of this prerequisite.

WEc3 - Water Use Reduction – 35%
The project will require in its Tenant Sales and Lease Agreements that Tenants design their spaces to reduce water use [Flush, Flow and process water use for kitchen equipment] by more than 35%. This earns 3 points under this credit's threshold requirements.

EAp1 – Fundamental Commissioning of the Building Energy Systems
The project team has engaged the services of a third party commissioning agent to review the project design for conformance with the Owner's Project Requirements (OPR) and to verify that the project's energy related systems are installed and calibrated to perform according to the OPR, basis of design and construction documents.

EAp2 – Minimum Energy Performance
The project has been designed to meet the minimum requirements of CA Title 24-2005 ch. 6 for all regulated and process energy loads in the building.

EAp3 – Fundamental Refrigerant Management
The project core and shell has been designed for zero use of CFC refrigerants in base building HVAC and refrigeration and fire suppression systems. The tenant sales and/or lease agreement will contain binding language such that spaces within the scope of anticipated tenant work will comply with the requirements of this prerequisite/credit when completed.

EAc1 – Optimize Energy Performance
The project team has targeted a 22% minimum improvement in the proposed building performance rating in accordance with ASHRAE Std 90.1—2007 (and CA Title 24-2005 ch. 6) for all regulated and process energy loads in the building.

EAc3 – Enhanced Commissioning
The project team has engaged the services of a third party commissioning agent to implement additional commissioning process activities in addition to the requirements if EAp1 including review of contractor submittals, development of a systems manual, verification of requirements for operational training and conduct a review of the building with operations and maintenance staff and occupants within 10 months after substantial completion.

EAc4 – Enhanced Refrigeration Management (Maybe) - PENDING
The project core and shell has been designed for zero use of CFC refrigerants in base building HVAC and refrigeration and fire suppression systems. The tenant sales and/or lease agreement will contain binding language such that spaces within the scope of anticipated tenant work will comply with the requirements of this prerequisite/credit when completed.

Fire suppression systems that contain ozone-depleting substances will not be installed or operated within the project building or associated grounds. Refrigerants and HVAC&R systems installed will minimize or eliminate the emission of compounds that contribute to ozone depletion and global climate change. The base building HVAC&R equipment will comply with the maximum threshold for the combined contributions to ozone depletion and global warming potentials.

EAc5 .1 – Measurement and Verification – Base Building
The project team will develop and implement a measurement and verification plan to be implemented for a minimum of 1 year of post construction occupancy. The will include a process for corrective action if the results of the M&V plan indicates that predicted energy savings goals are not being met.

EAc5 .2 – Measurement and Verification – Tenant Sub-Metering
The project building will include a centrally monitored electronic metering network in the base building design that is capable of being expanded to accommodate the future tenant sub-metering as required by LEED for Commercial Interiors Rating System EAc3.

A Tenant Measurement & Verification (M&V) Plan will be developed and implemented for the project building. The plan will document and advise future tenants of this opportunity and the means of their achievement. The plan will also include a process for corrective action to ensure energy savings are realized if the results of the M & V plan indicate that energy savings are not being achieved.

EAc6 – Green Power
The project team has committed to engage in at least a 2 year renewable energy contract to provide at least 70% of the building's electricity from renewable sources. A purchase equal to 70% of the building's electrical needs qualifies for an exemplary performance credit – IDc1.3 listed below.

MRp1 Storage and Collection of Recyclables
The project has been designed to include space designated for the storage of recyclable materials.

MRc4 – Recycled Content
The project team has identified a target goal of using materials that in total have a sustainable criteria value (postconsumer + ½ pre-consumer recycled content) of at least 10% of the total materials cost for the project. Suggestions for material and product selections in tenant spaces will be included in the Tenant and Leasehold Agreements and design guidelines.

MRc5 - Regional Content
The project team has identified a target goal of using materials that in total have a sustainable criteria value (materials harvested/extracted/recovered and manufactured within 500 miles of the project site) of at least 20% of the total materials cost for the project. Suggestions for material and product selections in tenant spaces will be included in the Tenant and Leasehold Agreements and design guidelines.

MRc6 - Certified Wood
The project team has identified a target goal of using materials that in total have a sustainable criteria value (new wood products are FSC certified) of at least 95% of the total new wood materials cost for the project. A value of at least 95% will earn an exemplary performance credit IDc1.4. Suggestions for material and product selections in tenant spaces will be included in the Tenant and Leasehold Agreements and design guidelines.

IEQp1 – Minimum Indoor Air Quality Performance
The project has been designed to meet the minimum requirements of Sections 4-7 of ASHRAE 62.1-2007, Ventilation for Acceptable Indoor Air Quality.

IEQp2– Environmental Tobacco Smoke Control
The project has been designed to Prohibit on-property smoking within 25 feet of entries, outdoor air intakes and operable windows, AND, outdoor spaces such as sidewalk seating, patios and courtyards and include signage prohibiting smoking within 25 feet of those areas.

IEQc1 – Outdoor Air Delivery Monitoring (Maybe) PENDING
The project has been designed to include permanent monitoring systems to ensure that ventilation systems maintain design minimum requirements. All monitoring equipment is to be configured to generate an alarm when airflow values or carbon dioxide levels vary by 10% or more from design values via a building automation system alarm to the building operator.

IEQc3 – Construction Indoor Air Quality Management Plan – During Construction
The project contractor will develop and implement and IAQ management plan for the construction and preoccupancy phases of the building that ensures all material stored onsite and installed absorptive materials are protected from moisture damage, filtration media for all permanently installed air handlers used during construction is replaced immediately prior to occupancy with MERV 13 filters (to

also satisfy partial requirements of IEQc5) and that all recommended control measures of SMACNA IAQ Guidelines for Occupied Buildings under construction, 2007 are met or exceeded.

IEQc4 – Low Emitting Materials
All adhesives, sealants, paints and coating, flooring systems, composite wood and agri-fiber products will meet the requirements of Cal Green and LEED NC-Retail, v2009. Suggestions for material and product selections in tenant spaces will be included in the Tenant and Leasehold Agreements and design guidelines.

IEQc7.1 – Thermal Comfort – Design
The project has been designed to meet the requirements of AHSRAE Standard 55-2004 – Section 6.1.1 documentation which accounts for human activity level in addition to job type and mechanical systems.

IDc1.1 Low Mercury Lighting
The project team has targeted a reduction of the mercury content in the lighting included in the project (interior and exterior lighting) such that the maximum mercury content will be below 80 picograms/lumen hour. Suggestions to meet these criteria in tenant spaces will be included in the Tenant and Leasehold Agreements and design guidelines.

IDc1.2 Educational Signage
The project team will prepare an Educational Signage program distributed throughout the store and in select locations on site. The signage will explain the environmental, economic and social benefits of sustainable strategies used within the project.

IDc1.3 Exemplary Performance EAc6
Described above

IDc1.4 Exemplary Performance MRc6
Described above

IDc1.5 Exemplary Performance MRc2
Described above (in Master Site narrative)

LEED 2009 for Retail: New Construction and Major Renovations

Project Checklist

SPROUTS MARKET

PRELIMINARY CHECKLIST 1/11/2016

Sustainable Sites — Possible Points: 26

Y	?	N			
Y			Prereq 1	Construction Activity Pollution Prevention	
1			Credit 1	Site Selection	1
5			Credit 2	Development Density and Community Connectivity	5
		1	Credit 3	Brownfield Redevelopment	1
10			Credit 4	Alternative Transportation	1 to 10
		1	Credit 5.1	Site Development—Protect or Restore Habitat	1
		1	Credit 5.2	Site Development—Maximize Open Space	1
		1	Credit 6.1	Stormwater Design—Quantity Control	1
1			Credit 6.2	Stormwater Design—Quality Control	1
		2	Credit 7.1	Heat Island Effect—Nonroof	1 to 2
1			Credit 7.2	Heat Island Effect—Roof	1
	2		Credit 8	Light Pollution Reduction	2

Water Efficiency — Possible Points: 10

Y			Prereq 1	Water Use Reduction—20% Reduction	
2		2	Credit 1	Water Efficient Landscaping	2 to 4
		2	Credit 2	Innovative Wastewater Technologies	2
3		1	Credit 3	Water Use Reduction	2 to 4

Energy and Atmosphere — Possible Points: 35

Y			Prereq 1	Fundamental Commissioning of Building Energy Systems	
Y			Prereq 2	Minimum Energy Performance	
Y			Prereq 3	Fundamental Refrigerant Management	
11		8	Credit 1	Optimize Energy Performance	1 to 19
		7	Credit 2	On-Site Renewable Energy	1 to 7
2			Credit 3	Enhanced Commissioning	2
		2	Credit 4	Enhanced Refrigerant Management	2
1		2	Credit 5	Measurement and Verification	3
2			Credit 6	Green Power	2

Materials and Resources — Possible Points: 14

Y			Prereq 1	Storage and Collection of Recyclables	
		3	Credit 1.1	Building Reuse—Maintain Existing Walls, Floors, and Roof	1 to 3
		1	Credit 1.2	Building Reuse—Maintain Interior Nonstructural Elements	1
2			Credit 2	Construction Waste Management	1 to 2
		2	Credit 3	Materials Reuse	1 to 2

Materials and Resources, Continued

Y	?	N			
1	1		Credit 4	Recycled Content	1 to 2
2			Credit 5	Regional Materials	1 to 2
		1	Credit 6	Rapidly Renewable Materials	1
1			Credit 7	Certified Wood	1

Indoor Environmental Quality — Possible Points: 15

Y			Prereq 1	Minimum Indoor Air Quality Performance	
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	
1			Credit 1	Outdoor Air Delivery Monitoring	1
1			Credit 2	Increased Ventilation	1
1			Credit 3.1	Construction IAQ Management Plan—During Construction	1
1			Credit 3.2	Construction IAQ Management Plan—Before Occupancy	1
5			Credit 4	Low-Emitting Materials	1 to 5
	1		Credit 5	Indoor Chemical and Pollutant Source Control	1
1			Credit 6	Controllability of Systems—Lighting and Thermal Comfort	1
1			Credit 7.1	Thermal Comfort—Design	1
1			Credit 7.2	Thermal Comfort—Employee Verification	1
		1	Credit 8.1	Daylight and Views—Daylight	1
		1	Credit 8.2	Daylight and Views—Views	1

Innovation and Design Process — Possible Points: 6

1			Credit 1.1	Innovation in Design: Low Mercury Lighting	1
1			Credit 1.2	Innovation in Design: Educational Signage	1
1			Credit 1.3	Innovation in Design: Exemplary Performance EAc6 or MRc2	1
1			Credit 1.4	Innovation in Design: Exemplary Performance MRc7, or MRc2	1
1			Credit 1.5	Innovation in Design: Exemplary Performance SSc4.1	1
1			Credit 2	LEED Accredited Professional	1

Regional Priority Credits — Possible Points: 4

		1	Credit 1.1	Regional Priority: WEc3	1
		1	Credit 1.2	Regional Priority: EAc2	1
		1	Credit 1.3	Regional Priority: IEQc8.1	1
		1	Credit 1.4	Regional Priority: WEc2 (100%), WEc3 (4pts) or MRc1	1

Total — Possible Points: 110

63	4	43	

Certified 40 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80+ points

LEED 2009 for Core and Shell Development

Project Checklist

RETAIL A 2

PRELIMINARY CHECKLIST 01/11/2016

Sustainable Sites — Possible Points: 28

Y	?	N			
Y			Prereq 1	Construction Activity Pollution Prevention	
1			Credit 1	Site Selection	1
5			Credit 2	Development Density and Community Connectivity	5
		1	Credit 3	Brownfield Redevelopment	1
6			Credit 4.1	Alternative Transportation—Public Transportation Access	6
		2	Credit 4.2	Alternative Transportation—Bicycle Storage and Changing Rooms	2
3			Credit 4.3	Alternative Transportation—Low-Emitting and Fuel-Efficient Vehicles	3
2			Credit 4.4	Alternative Transportation—Parking Capacity	2
		1	Credit 5.1	Site Development—Protect or Restore Habitat	1
		1	Credit 5.2	Site Development—Maximize Open Space	1
		1	Credit 6.1	Stormwater Design—Quantity Control	1
1			Credit 6.2	Stormwater Design—Quality Control	1
		1	Credit 7.1	Heat Island Effect—Non-roof	1
1			Credit 7.2	Heat Island Effect—Roof	1
	1		Credit 8	Light Pollution Reduction	1
1			Credit 9	Tenant Design and Construction Guidelines	1

Water Efficiency — Possible Points: 10

Y			Prereq 1	Water Use Reduction—20% Reduction	
2		2	Credit 1	Water Efficient Landscaping	2 to 4
		2	Credit 2	Innovative Wastewater Technologies	2
4			Credit 3	Water Use Reduction	2 to 4

Energy and Atmosphere — Possible Points: 37

Y			Prereq 1	Fundamental Commissioning of Building Energy Systems	
Y			Prereq 2	Minimum Energy Performance	
Y			Prereq 3	Fundamental Refrigerant Management	
8		13	Credit 1	Optimize Energy Performance	3 to 21
		4	Credit 2	On-Site Renewable Energy	4
2			Credit 3	Enhanced Commissioning	2
	2		Credit 4	Enhanced Refrigerant Management	2
3			Credit 5.1	Measurement and Verification—Base Building	3
3			Credit 5.2	Measurement and Verification—Tenant Submetering	3
2			Credit 6	Green Power	2

Materials and Resources — Possible Points: 13

Y	?	N			
Y			Prereq 1	Storage and Collection of Recyclables	
		5	Credit 1	Building Reuse—Maintain Existing Walls, Floors, and Roof	1 to 5
2			Credit 2	Construction Waste Management	1 to 2
		1	Credit 3	Materials Reuse	1
2			Credit 4	Recycled Content	1 to 2
2			Credit 5	Regional Materials	1 to 2
1			Credit 6	Certified Wood	1

Indoor Environmental Quality — Possible Points: 12

Y			Prereq 1	Minimum Indoor Air Quality Performance	
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	
1			Credit 1	Outdoor Air Delivery Monitoring	1
		1	Credit 2	Increased Ventilation	1
1			Credit 3	Construction IAQ Management Plan—During Construction	1
1			Credit 4.1	Low-Emitting Materials—Adhesives and Sealants	1
1			Credit 4.2	Low-Emitting Materials—Paints and Coatings	1
1			Credit 4.3	Low-Emitting Materials—Flooring Systems	1
		1	Credit 4.4	Low-Emitting Materials—Composite Wood and Agrifiber Products	1
		1	Credit 5	Indoor Chemical and Pollutant Source Control	1
1			Credit 6	Controllability of Systems—Thermal Comfort	1
1			Credit 7	Thermal Comfort—Design	1
		1	Credit 8.1	Daylight and Views—Daylight	1
		1	Credit 8.2	Daylight and Views—Views	1

Innovation and Design Process — Possible Points: 6

	1		Credit 1.1	Innovation in Design: Low Mercury Lighting	1
1			Credit 1.2	Innovation in Design: Exemplary Performance SSc4.1	1
1			Credit 1.3	Innovation in Design: Exemplary Performance: EAc6	1
1			Credit 1.4	Innovation in Design: Exemplary Performance: MRc6	1
	1		Credit 1.5	Innovation in Design: Exemplary Performance: MRc2	1
1			Credit 2	LEED Accredited Professional	1

Regional Priority Credits — Possible Points: 4

		1	Credit 1.1	Regional Priority: IEQc8.1	1
		1	Credit 1.2	Regional Priority: EAc2	1
		1	Credit 1.3	Regional Priority: SSc5.2	1
1			Credit 1.4	Regional Priority: WEc2 (100%), WEc3 (4pts) or MRc1	1

Total — Possible Points: 110

63	5	42	

Certified 40 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80 to 110

LEED 2009 for Core and Shell Development

Project Checklist

Parcel B

PRELIMINARY CHECKLIST 1/11/2016

Sustainable Sites — Possible Points: 28

Y	?	N			
Y			Prereq 1	Construction Activity Pollution Prevention	
1			Credit 1	Site Selection	1
5			Credit 2	Development Density and Community Connectivity	5
		1	Credit 3	Brownfield Redevelopment	1
6			Credit 4.1	Alternative Transportation—Public Transportation Access	6
		2	Credit 4.2	Alternative Transportation—Bicycle Storage and Changing Rooms	2
3			Credit 4.3	Alternative Transportation—Low-Emitting and Fuel-Efficient Vehicles	3
2			Credit 4.4	Alternative Transportation—Parking Capacity	2
		1	Credit 5.1	Site Development—Protect or Restore Habitat	1
		1	Credit 5.2	Site Development—Maximize Open Space	1
		1	Credit 6.1	Stormwater Design—Quantity Control	1
1			Credit 6.2	Stormwater Design—Quality Control	1
		1	Credit 7.1	Heat Island Effect—Non-roof	1
1			Credit 7.2	Heat Island Effect—Roof	1
	1		Credit 8	Light Pollution Reduction	1
1			Credit 9	Tenant Design and Construction Guidelines	1

Water Efficiency — Possible Points: 10

Y			Prereq 1	Water Use Reduction—20% Reduction	
2		2	Credit 1	Water Efficient Landscaping	2 to 4
		2	Credit 2	Innovative Wastewater Technologies	2
4			Credit 3	Water Use Reduction	2 to 4

Energy and Atmosphere — Possible Points: 37

Y			Prereq 1	Fundamental Commissioning of Building Energy Systems	
Y			Prereq 2	Minimum Energy Performance	
Y			Prereq 3	Fundamental Refrigerant Management	
8		13	Credit 1	Optimize Energy Performance	3 to 21
		4	Credit 2	On-Site Renewable Energy	4
2			Credit 3	Enhanced Commissioning	2
	2		Credit 4	Enhanced Refrigerant Management	2
3			Credit 5.1	Measurement and Verification—Base Building	3
3			Credit 5.2	Measurement and Verification—Tenant Submetering	3
2			Credit 6	Green Power	2

Materials and Resources — Possible Points: 13

Y	?	N			
Y			Prereq 1	Storage and Collection of Recyclables	
		5	Credit 1	Building Reuse—Maintain Existing Walls, Floors, and Roof	1 to 5
2			Credit 2	Construction Waste Management	1 to 2
		1	Credit 3	Materials Reuse	1
2			Credit 4	Recycled Content	1 to 2
2			Credit 5	Regional Materials	1 to 2
1			Credit 6	Certified Wood	1

Indoor Environmental Quality — Possible Points: 12

Y			Prereq 1	Minimum Indoor Air Quality Performance	
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	
	1		Credit 1	Outdoor Air Delivery Monitoring	1
		1	Credit 2	Increased Ventilation	1
1			Credit 3	Construction IAQ Management Plan—During Construction	1
1			Credit 4.1	Low-Emitting Materials—Adhesives and Sealants	1
1			Credit 4.2	Low-Emitting Materials—Paints and Coatings	1
1			Credit 4.3	Low-Emitting Materials—Flooring Systems	1
		1	Credit 4.4	Low-Emitting Materials—Composite Wood and Agrifiber Products	1
		1	Credit 5	Indoor Chemical and Pollutant Source Control	1
1			Credit 6	Controllability of Systems—Thermal Comfort	1
1			Credit 7	Thermal Comfort—Design	1
		1	Credit 8.1	Daylight and Views—Daylight	1
		1	Credit 8.2	Daylight and Views—Views	1

Innovation and Design Process — Possible Points: 6

	1		Credit 1.1	Innovation in Design: Low Mercury Lighting	1
1			Credit 1.2	Innovation in Design: Exemplary Performance SSc4.1	1
1			Credit 1.3	Innovation in Design: Exemplary Performance: EAc6	1
1			Credit 1.4	Innovation in Design: Exemplary Performance: MRc6 or MRc2	1
	1		Credit 1.5	Innovation in Design:	1
1			Credit 2	LEED Accredited Professional	1

Regional Priority Credits — Possible Points: 4

		1	Credit 1.1	Regional Priority: IEQc8.1	1
		1	Credit 1.2	Regional Priority: EAc2	1
		1	Credit 1.3	Regional Priority: SSc5.2	1
1			Credit 1.4	Regional Priority: WEc2 (100%), WEc3 (4pts) or MRc1	1

Total — Possible Points: 110

62	6	42		Total	

Certified 40 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80 to 110

SS CREDIT 1: SITE SELECTION

Project # 1000060419 University Village - Master Site

All fields and uploads are required unless otherwise noted.

THRESHOLD ATTEMPTED

Points Attempted: 1

ALL OPTIONS

Note: The information below is linked to and must be consistent with registration. To edit this information, see the Registration Details tab.

Address 1:	1075 - 1095 Monroe Street		
Address 2 (Optional):			
City:	Albany	State/US Territory/ Canadian Province:	CA
Zip/Postal Code:	94706	Country:	United States
Latitude of geographic center in decimals:	37.884761		
Longitude of geographic center in decimals:	-122.298259		

Note: To find coordinates, use a mapping tool such as Google Maps . Information on how to do so is available online . For projects with coordinates in formats other than decimals, various free conversion tools such as fcc.gov and Earthpoint are available.

The LEED project does NOT include buildings, hardscape, roads or parking areas on portions of sites that are:

☒ Prime farmland as defined by the U.S Department of Agriculture in the United States Code of Federal Regulations, Title 7, Volume 6, Parts 400 to 699, Section 657.5 (citation 7CFR657.5).

☒ Previously undeveloped land whose elevation is lower than 5 feet above the elevation of the 100-year flood as defined by the Federal Emergency Management Agency (FEMA).

☒ Specifically identified as habitat for any species on federal or state threatened or endangered lists.

☒ Within 100 feet of any wetlands as defined by U.S. Code of Federal Regulations 40 CFR, Parts 230-233 and Part 22, and isolated wetlands or areas of special concern identified by state or local rule, OR within setback distances from wetlands prescribed in state or local regulations, as defined by local or state rule or law, whichever is more stringent.

☒ Previously undeveloped land within 50 feet of a water body, defined as seas, lakes, rivers, streams and tributaries which support or could support fish, recreation or industrial use, consistent with the terminology of the Clean Water Act.

☒ Land which prior to acquisition for the project was public parkland, unless land of equal or greater value as parkland is accepted in trade by the public landowner (Park Authority projects are exempt).

ADDITIONAL DETAILS

☐ Special circumstances preclude documentation of credit compliance with the submittal requirements outlined in this form.

☐ The project team is using an alternative compliance approach in lieu of standard submittal paths.

SUMMARY

SS Credit 1: Site Selection Points Documented:	1	Check Compliance

For use with the 2010 LEED Application Guide for Multiple Buildings and On-Campus Building Projects

SS CREDIT 2: DE ELOPMENT DENSITY AND COMMUNITY CONNECTI ITY

Project # 1000060419 University Village - Master Site

All fields and uploads are required unless otherwise noted.

THRESHOLD ATTEMPTED

Points Attempted: 5

ALL OPTIONS

Changes to the address below can be made in the Registration Details tab.

Address 1:	1075 - 1095 Monroe Street		
Address 2 (Optional):			
City:	Albany	State/US Territory/ Canadian Province:	CA
Zip/Postal Code:	94706	Country:	United States

Project site condition: Previously Developed

The content highlighted in yellow above is linked to Plf2.

Select one of the following:

- ○ **Opt on 1. Development Dens t .** The project site is in a community with a minimum density of 60,000 sf/acre net.
  Note: Select this path to take advantage of the established path for exemplary performance.
- ◉ **Opt on 2. Commun t Connect v t .** The project is within ½ mile of a residential zone or neighborhood with an average density of 10 units per acre net; is within ½ mile of at least 10 basic services; and has pedestrian access between the building and the services.

COMMUNITY CONNECTI ITY

Development density of the surrounding residential zone or neighborhood: 14 Units/Acre

Upload SSc2-2. Provide an area plan or map showing the ½ mile radius of the surrounding area or neighborhood with an average density of at least 10 units per acre, at least 10 basic services with pedestrian access and scale.

Upload *Files: 2*

Table SSc2-2. Basic Services

Service Identifier or Icon [1]	Business Name	Service Type		
01	University Village Community Center	Community Center	+	-
02	Oceanview Park	Park	+	-
03	Potala Organic Cafe	Restaurant	+	-
04	Mechanics Bank	Bank	+	-
05	Berkley Albany Head Start	Daycare	+	-
06	Oceanview Elementary School	School	+	-
07	Kiwi Pediatrics	Medical Care	+	-
08	Albany Police/Fire Department	Fire Station/Police Department	+	-
09	Albany Methodist Church	Church	+	-
10	Sprouts Market	Grocery Store	+	-
11	Whole Foods Market	Grocery Store	+	-
12	REI	Outdoor Clothing and Gear	+	-

1 Must correspond to the provided area plan and lie within the 1/2 mile radius

ADDITIONAL DETAILS

☐ Special circumstances preclude documentation of credit compliance with the submittal requirements outlined in this form.

☐ The project team is using an alternative compliance approach in lieu of standard submittal paths.

SUMMARY

SS Credit 2: Development Density and Community Connectivity Points Documented:	5	Check Compliance
SS Credit 2: Development Density and Community Connectivity Exemplary Performance Documented:	N	

SS CREDIT 4: ALTERNATI E TRANSPORTATION

Project # 1000060419 University Village - Master Site

All fields and uploads are required unless otherwise noted.

THRESHOLD ATTEMPTED

Points Attempted: 6 Option 1 , Option 3 , Option 4

ALL OPTIONS

Select all that apply: (10 points maximum)

- ☒ **Opt on 1.** Public Transportation Access (6 points)
- ☐ **Opt on 2.** Bicycle Commuting (1 point)
- ☒ **Opt on 3.** Low-Emitting and Fuel-Efficient Vehicles (1 point)
- ☒ **Opt on 4.** Parking Capacity (3 points)
- ☐ **Opt on 5.** Delivery Service (1 point)
- ☐ **Opt on 6.** Incentives (1 point)
- ☐ **Opt on . ** Alternative Transportation Education (1 point)

OPTION 1. PU LIC TRANSPORTATION ACCESS

Select one of the following:

- ○ **Path 1. Ra l Stat on Pro m t .** The project is located in a building within 1/2-mile walking distance, measured from a main building entrance, of a commuter rail, light rail or subway station.
- ◉ **Path 2. us Stat on Pro m t .** The project is located in a building within 1/4-mile walking distance, measured from a main building entrance, of one or more stops for two or more public, campus, or private bus lines usable by tenant space occupants.

US STATION PROXIMITY

Table SSc4-2. Bus Service

Distance to Bus Stop (miles)	Line Designation	Service Type		
0.08	000: Monroe St San Pablo: 18,52,800	Public Bus	+	-
0.09	001: San Pablo Monroe: 72, 72M, 800	Public Bus	+	-
0.11	002: San Pablo Monroe: 52,72, 72M, 800	Public Bus	+	-

Save Form

Distance to Bus Stop (miles)	Line Designation	Service Type		
0.23	003: Jackson St 8th: 25, 52	Public Bus	+	-
0.2	004: Jackson St Ohone: 18,25	Public Bus	+	-
0.23	005: Jackson St Ohone: 25,52	Public Bus	+	-
0.25	006: San Pablo Marin: 18,72, 72M,800	Public Bus	+	-
0.22	007: San Pablo Ave/Harrison:18,72,72M,800	Public Bus	+	-

Upload SSc4-3. Provide a site plan, with scale, showing the walking path from the building main entrance to the bus stop(s).

Upload *Files: 2*

Option 1. Public Transportation Access Points Documented: 6

OPTION 3. LOW-EMITTING AND FUEL-EFFICIENT EHICLES

Select one of the following:

- ○ **Path 1. Prov de eh cles.** Low-emitting and fuel-efficient vehicles will be provided.
- ◉ **Path 2. Preferred or D scounted Park ng**. Preferred parking will be provided for low-emitting and fuel-efficient vehicles.
- ○ **Path 3. Alternat ve Fuel.** Alternative-fuel fueling stations will be provided.
- ○ **Path 4. eh cle Shar ng Program.** Building occupants will have access to a low-emitting and fuel-efficient vehicle-sharing program.

PREFERRED OR DISCOUNTED PARKING

Select one of the following:

- ◉ **Preferred Park ng**. Preferred parking will be provided for low-emitting and fuel-efficient vehicles.
- ○ **D scounted Park ng**. Discounted parking will be provided for low-emitting and fuel-efficient vehicles.

PREFERRED PARKING

Total employee parking capacity: 20

The content highlighted in yellow above is linked to Plf2.

Number of employee preferred parking spaces reserved for low-emitting and fuel-efficient vehicles: 1

Employee preferred parking expressed as a percent of total parking: 5 %
Note: Must be at least 5%.

Total customer parking capacity: 134

The content highlighted in yellow above is linked to Plf2.

Number of customer preferred parking spaces reserved for low-emitting and fuel-efficient vehicles: 8

Customer preferred parking expressed as a percent of total parking: 5.97 %
Note: Must be at least 5%.

Select one of the following:

○ **Upload L-2** from PI Form 4 is a site plan showing all parking areas delineated; highlighting any preferred parking for low-emitting and fuel-efficient vehicles; highlighting walking paths from preferred parking area(s) to project building; noting distances and including signage details.

OR

◉ **Upload SSc4-12.** Provide a credit-specifc site plan or area map delineating all parking areas; highlighting any preferred parking for low-emitting and fuel-efficient vehicles; highlighting walking paths from preferred parking area(s) to project building; noting distances and including signage details.

Upload *Files: 1*

Option 3. Low-Emitting and Fuel-Efficient Vehicles Points Documented: 1

OPTION 4. PARKING CAPACITY

Select one of the following:

◉ **Path 1.** Minimum parking required by zoning is not exceeded.

○ **Path 2**. Parking is provided for less than 5% of FTE building occupants.

○ **Path 3.** No new parking is provided.

MINIMUM ONING REQUIREMENT

Minimum parking required by local zoning: 154 spaces

Total vehicle parking capacity: 154 spaces

The content highlighted in yellow above is linked to Plf2 & SSc7.1.

Select one of the following:

◉ Preferred parking will be provided for carpools or vanpools.

○ Discounted parking will be provided for carpools or vanpools.

PREFERRED PARKING

Total employee parking capacity: 20 spaces

The content highlighted in yellow above is linked to Plf2.

Number of employee preferred parking spaces reserved for carpools or vanpools: 1 spaces

Employee preferred parking expressed as a percent of total parking: 5 %
Note: Must be at least 5%

Total customer parking capacity: 134 spaces

The content highlighted in yellow above is linked to PIf2.

Number of customer preferred parking spaces reserved for carpools or vanpools: 8 spaces

Customer preferred parking expressed as a percent of total parking: 5.97 %
Note: Must be at least 5%

Select one of the following:

○ **Upload L-2** from PI Form 4 is a site plan showing all parking areas delineated; highlighting any preferred parking for high-occupancy vehicles; highlighting walking paths from preferred parking area(s) to project building; noting distances and including signage details.

OR

◉ **Upload SSc4-13.** Provide a credit-specifc site plan or area map delineating all parking areas; highlighting any preferred parking for high-occupancy vehicles; highlighting walking paths from preferred parking area(s) to project building; noting distances and including signage details.

Upload *Files: 1*

Option 4. Parking Capacity Points Documented: 3

ADDITIONAL DETAILS

☐ Special circumstances preclude documentation of credit compliance with the submittal requirements outlined in this form.

☐ The project team is using an alternative compliance approach in lieu of standard submittal paths.

☒ The project team is pursuing exemplary performance of SS Credit 4, Option 1.

EXEMPLARY PERFORMANCE

Select one of the following:

○ Comprehensive Transportation Management Plan

◉ Doubling of Transit Ridership

☒ The site plan uploaded above (Upload SSc4-2 and/or Upload SSc4-3) shows that the project is located within 1/2 mile of at least 2 existing commuter rail, light rail, or subway line stops, and/or within 1/4 mile of at least 2 stops for 4 or more public or campus bus lines usable by building occupants.

Table SSc4-EP1. Exemplary Performance Rail and/or Bus Service

Station Type	Distance to Stop (miles)	Line Designation	Existing or Planned	Service Type	Number of Rides per Day		
Bus	0.08	18	Existing	Public Bus	136	+	-
Bus	0.08	52	Existing	Public Bus	120	+	-
Bus	0.08	800	Existing	Public Bus	12	+	-

Station Type	Distance to Stop (miles)	Line Designation	Existing or Planned	Service Type	Number of Rides per Day		
Bus	0.09	72	Existing	Public Bus	76	+	-
Bus	0.09	72M	Existing	Public Bus	68	+	-
Bus	0.23	25	Existing	Public Bus	40	+	-
Total compliant rail rides per day					0		
Total compliant bus rides per day					452		
Total service frequency *(must be at least 200 transit rides per day)*					452		

Upload SSc4-EP2. Provide transit schedules of rail stops within 1/2 mile and/or bus stops within 1/4 mile walking distance of the main building entrance.

Upload *Files: 5*

SUMMARY

SS Credit 4: Alternative Transportation Points Documented:	10	Check Compliance
SS Credit 4: Alternative Transportation Exemplary Performance Documented:	Y	

SS CREDIT .2: HEAT ISLAND EFFECT- ROOF

Project # 1000060419 University Village - Master Site

All fields and uploads are required unless otherwise noted.

ALL OPTIONS

Select one of the following:

- (●) **Opt on 1.** High-albedo materials covering a minimum of 75% of the roof area.
- ( ) **Opt on 2.** Vegetated roof covering a minimum of 50% of the roof area.
- ( ) **Opt on 3.** A combination of high-albedo and vegetated roof covering the minimum required area.

HIGH-AL EDO ROOF

Table SSc .2-1. Reflective Materials: Roof

Complete the table below for all roof surfaces where materials with high reflectance are used to reduce heat absorption. For each material, enter the description and amount of coverage (sf). SRI values can be entered manually (if known), or calculated based on material reflectance and emissivity.

Material Description / ID	Reflectance (0-1)	Emittance (0-1)	SRI value (actual or calculated)		Roof Slope	Square Footage (sf)	Percent compliant (%)		
TPO white membrane	0.79	0.85	Calculate	97.69	Low	42,778	102.39	+	-
Awnings	0.57	0.77	Calculate	63.92	Low	2,262	3.54	+	-
Total roof area (excluding mechanical equipment, photovoltaic panels, and skylights) (sf)							52,324		
High-albedo roof area, as a percentage of total roof area[1] (%) *(Must be greater than or equal to 75%)*							105.93		

1 Due to weighting by SRI value, note that the calculated percentage may reach above 100%.

A Licensed Professional Exemption (LPE) for a Registered Architect is available in lieu of a roof plan and product information.

Select one of the following:

- ( ) **Streaml ned Path.** LPE (RA)
- (●) **Full Documentat on Path**

Upload SSc .2-1. Provide the project roof plan(s) or drawing(s) depicting project roof area and highlighting the location and quantity of specific roofing materials areas and/or vegetated roofing systems as applicable.

Upload *Files: 1*

Upload SSc .2-2. For each reflective roofing material, provide documentation (product specifications such as manufacturer cut sheets) verifying SRI values and/or emittance and reflectance percentages.

Upload *Files: 0*

ADDITIONAL DETAILS

☐ Special circumstances preclude documentation of credit compliance with the submittal requirements outlined in this form.

☐ The project team is using an alternative compliance approach in lieu of standard submittal paths.

SUMMARY

SS Credit 7.2: Heat Island Effect - Roof Points Documented:	0	Check Compliance
SS Credit 7.2: Heat Island Effect - Roof Exemplary Performance Documented:	N	

PI FORM 1: MINIMUM PROGRAM REQUIREMENTS

Project # 1000060456 University Villages - Sprouts Market

All fields and uploads are required unless otherwise noted.

ALL PRO ECTS

Note: The complete Minimum Program Requirements (MPRs) and Supplemental Guidance to the MPRs are available online.

1. Must Compl th Env ronmental La s

☒ The LEED project building, all other real property within the LEED project boundary, and all project work complies with applicable federal, state, and local building-related environmental laws and regulations in place where the project is located. This condition has been satisfied from the date of LEED project registration or the commencement of schematic design, whichever came first, and will continue to be satisfied or was satisfied up to and until the date that the building receives a certificate of occupancy or similar official indication that it is fit and ready for use.

I understand that a lapse in a project's compliance with a building-related environmental law or regulation that results from an unforeseen and unavoidable circumstance shall not necessarily result in non-compliance with this MPR, and that such lapses shall be excused so long as they are remediated as soon as feasibly possible.

2. Must e a Complete Permanent u ld ng or Space

☒ The LEED project is designed for, constructed on, and operated on a permanent location on already existing land. The project does not consist of mobile structures, equipment, or vehicles. It is not designed to move at any point in its lifetime.

The project includes the new, ground-up design and construction, or major renovation, of at least one commercial, institutional, or high-rise residential building in its entirety.

3. Must Use a Reasonable S te oundar

☒ 1. The LEED project boundary includes all contiguous land that is associated with and supports normal building operations for the project building, including all land that was or will be disturbed for the purpose of undertaking the LEED project.
2. The LEED project boundary does not include land that is owned by a party other than that which owns the LEED project unless that land is associated with and supports normal building operations for the LEED project building.
3. If the project is located on a campus, the project boundary is drawn such that if all the buildings on campus become LEED certified, then 100% of the gross land area on the campus will be included within a LEED boundary without violating MPR #7, Must Comply with Minimum Building Area to Site Area Ratio.
4. No given parcel of real property within the LEED project boundary has ever been or ever will be attributed to another LEED project building.
5. No gerrymandering of a LEED project boundary has occurred; the boundary does not unreasonably exclude sections of land to create boundaries in unreasonable shapes for the sole purpose of complying with prerequisites or credits.

4. Must Compl th M n mum Floor Area Re u rements

☒ The LEED project includes a minimum of 1,000 square feet (93 square meters) of gross floor area.

5. Must Compl th M n mum Occupanc Rates

Save Form

☒ The LEED project serves 1 or more Full Time Equivalent (FTE) occupant(s), calculated as an annual average, and will use LEED in its entirety, OR the project serves less than 1 annualized FTE and optional credits from the Indoor Environmental Quality category will not be attempted.

6. Must Comm t to Shar ng Whole- u ld ng Energ and Water Usage Data

☒ I commit to sharing with USGBC and/or GBCI all available actual whole-project energy and water usage data. This commitment will start upon certification acceptance or on the date that the LEED project begins typical physical occupancy and will continue for at least 5 years. I understand that sharing this data includes supplying information on a regular basis in a free, accessible, and secure online tool, OR allowing USGBC to access the whole-project metering facility where such meters are in place, OR taking any action necessary to authorize USGBC, GBCI or their designee to collect project information directly from service or utility providers. I will use reasonable efforts to ensure that this commitment carries forward in the event that the building or space changes ownership or lessee.

Furthermore, I understand that the purpose of data collection is for research and to aid in improving the LEED program. I understand that any whole-project energy and water usage data that is made publicly available shall be presented in an aggregate form with no identifying project-specific characteristics.

Furthermore, I understand that if my project does not have meters in place that measure energy and/or water usage for the entire LEED certified gross floor area, I will not be required to supply energy and/or water usage data unless and until such meters are installed. I understand that if the LEED project is altered, sold, assigned or otherwise transferred in such a way that the data for the original LEED project becomes impractical to collect, I will no longer be required to provide the data or provide access to the data.

Does the project have permanently-installed energy meter(s) that account for all sources of energy delivered by an external provider, as listed in EA Prerequisite: Minimum Energy Performance?

◉ Yes ○ No

Does the project have permanently-installed water meter(s) or a collection of water meters that measure the total potable water use for the entire project and associated grounds?

◉ Yes ○ No

Select one of the following data sharing options:

◉ **Opt on 1.** Third Party Data Source

○ **Opt on 2.** USGBC Approved Data Template

Note: Please refer to MPR6 Resources, located in the Credit Library on www.usgbc.org, for information on the compliance options.

THIRD PARTY DATA SOURCE

☒ The project Owner commits to providing energy and water consumption data to USGBC and acknowledges that USGBC will only accept the data via an approved third party source or format. Subsequent to LEED Certification (at certification acceptance or upon typical physical occupancy), the project will report energy and water data on a monthly basis for a duration of five years.

. Must Compl th a M n mum u ld ng Area to S te Area Rat o

☒ The gross floor area of the LEED project building is no less than 2% of the gross land area within the LEED project boundary.

☒ The project Owner attests that all information provided on this form indicating that the LEED project is in compliance with all of the Minimum Program Requirements is true and accurate to the best of his/her knowledge.

Save Form

ADDITIONAL DETAILS

☐ Special circumstances preclude compliance with the Minimum Program Requirements as outlined in this form.

SUMMARY

PI Form 1: Minimum Program Requirements Completed:	Y	Check Compliance

Save Form

PI FORM 2: PRO ECT SUMMARY DETAILS

Project # 1000060456 University Village - Sprouts Market

All fields and uploads are required unless otherwise noted.

UILDING AREA AND GROSS SQUARE FOOTAGE

Number of buildings attempting certification as part of this LEED Application:	1	
Total gross square footage / gross floor area:	28,707	sf

Note: Excludes all parking areas whether underground, structured, or at grade. Linked to Plf3, SSc2, SSc4, EQp1, EAp2, EAc1, EAc2, EAc6, MRc1.1 & MRc1.2.

New construction gross square footage:	28,707	sf

The content highlighted in yellow above is linked to EAp2, MRc1.1 & MRc1.2.

Existing, renovated gross square footage:	0	sf

The content highlighted in yellow above is linked to EAp2.

Existing, unrenovated gross square footage:	0	sf

The content highlighted in yellow above is linked to EAp2.

Sum of new construction and existing gross square footage:	28,707	sf
Percentage new construction:	100	%

The content highlighted in yellow above is linked to EAc1 & EAp2.

Percentage existing, renovated:	0	%

The content highlighted in yellow above is linked to EAp2.

Percentage existing, unrenovated:	0	%
Square footage of all parking areas:	18,258	sf

Note: Only includes area within the LEED project boundary.

The gross square footage numbers for new construction entered above are:	Actual

Save Form

SITE CHARACTERISTICS

Total site area within the LEED project boundary:	128,677	sf

The content highlighted in yellow above is linked to SSc2, SSc5.1, SSc5.2 & WEc1.

Building area to site area ratio:	22.31	%
Footprint of the project building:	28,707	sf

The content highlighted in yellow above is linked to SSc5.1 & SSc5.2.

Area outside building footprint, within LEED project boundary, that is comprised of hardscape:	63,336	sf

The content highlighted in yellow above is linked to SSc7.1.

Total vehicle parking capacity (may include reserved off-site parking):	154	spaces

Note: Does not necessarily equal the sum of employee parking plus customer parking. Parking spaces available to both employees and customers may be double counted. Linked to SSc4 & SSc7.1.

Total employee parking capacity:	20

The content highlighted in yellow above is linked to SSc4.

Total customer parking capacity:	134

The content highlighted in yellow above is linked to SSc4.

Number of stories above grade, excluding parking:	1
Number of stories below grade, excluding parking:	0
Total number of stories:	1

SITE CONTEXT

Project site condition:	Previously Developed

The content highlighted in yellow above is linked to SSc2 & SSc5.1.

Project building context:	Urban

☒ The project building is located on a campus. (Optional)

Select one of the following:

◉ The project is part of a multi-tenant retail complex.

○ The project is not part of a multi-tenant retail complex.

The content highlighted in yellow above is linked to Plf4.

Total development building gross square footage:	45,343	sf

The content highlighted in yellow above is linked to SSc4 & WEc1.

Save Form

ENERGY AND WATER SOURCES

The project building is served by the following energy source(s):

- [x] Natural gas
- [x] Electricity
- [ ] Fuel oil
- [ ] Biofuels
- [ ] District or campus heating (steam or hot water)
- [ ] District or campus cooling (chilled water)
- [ ] On-site renewables (solar, wind, geothermal, etc.)
- [ ] Other

The project building is served by the following water system(s):

- [x] Potable supply - municipal system
- [ ] Potable supply - local well or surface water
- [ ] Gray or rainwater supply - municipal system
- [ ] Gray or rainwater supply - on-site
- [x] Sewage - municipal system
- [ ] Sewage - local septic or other treatment
- [ ] Other

UDGET AND HISTORIC PRO ECT DATA

Total estimated project budget: $ 13,500,000

Note: Estimated project budget includes ALL costs associated with design and construction work, including costs associated with LEED Certification, labor, equipment, etc.

The following information will be used for research purposes only and will not affect the review outcome.

- [ ] The project building is located in a historic district. (Optional)

- [ ] The project building is on a historic registry. (Optional)

ADDITIONAL DETAILS

- [x] Special circumstances preclude compliance with the submittal requirements outlined in this form.

SPECIAL CIRCUMSTANCES

Describe the circumstances limiting the project team's ability to provide the submittals required in this form. Be sure to reference what additional documentation has been provided, if any. Non-standard documentation will be considered upon its merits.

The Site areas, hardscape and building areas shown within this form are for the Sprouts building project only. Retail A-2 and Parcel B building areas are shown within the Master Site narrative and individual Parcel B .

Total Parking capacity counts includes Sprouts, Retail A-2 and Parcel B areas so that the appropriate amount can be imported to SSc4 and pursued through the Master Site path and utilized by all projects.

Upload PIf2-SC. Provide any additional documentation that supports the claim to special circumstances. (Optional)

Upload *Files: 0*

SUMMARY

PI Form 2: Project Summary Details Completed:	Y	Check Compliance

Save Form

PI FORM 3: OCCUPANT AND USAGE DATA

Project # 1000060456 University Village - Sprouts Market

All fields and uploads are required unless otherwise noted.

SPACE USAGE

Occupant type: (Select all that apply)

- ☐ United States federal agency
- ☐ Individual
- ☐ Local government
- ☐ State government
- ☐ Mixed occupancy
- ☐ Residential
- ☐ Non-profit organization
- ☒ Profit organization
- ☐ Other

Principal project building activity: Retail: Grocery Store/Food Market

The content highlighted in yellow above is linked to EAp2 & EAc1.

Total gross square footage / gross floor area of the project building: 28,707 sf

The content highlighted in yellow above is linked to Plf2, SSc2, SSc4, EAp1, EAp2, EAc1, EAc2, EAc6, MRc1.1 & MRc1.2.

Table Plf3-1. Space Usage Type

Enter information for all general usage types within the project building; group spaces with similar characteristics.

Space Name / Description	Space Usage Type	Gross Area (sf)	Regularly Occupied Area[1] (sf)	Un conditioned Area[2] (sf)	Owned or Leased	Lease Type		
Main Sales	Retail: Grocery Store/Food Market	16,618	16,618	0	Owned	None	+	-
Stock/Receiv	Storage	4,010	4,010	0	Owned	None	+	-
Deli	Food Preparation	1,580	1,580	0	Owned	None	+	-
Produce/Bulk	Food Preparation	612	612	612	Owned	None	+	-
Produce Coo	Food Storage	650	0	650	Owned	None	+	-
Meat Prep Co	Food Storage	408	408	408	Owned	None	+	-
Grocery Free	Food Storage	320	0	320	Owned	None	+	-
Meat Cooler	Food Storage	620	0	620	Owned	None	+	-
Bakery Freez	Food Storage	165	0	165	Owned	None	+	-
Trash and Re	Trash and Recycling Storage	486	0	486	Owned	None	+	-
Seating Area	Public Assembly: Social/Meeting	420	420	0	Owned	None	+	-
Cashier's Off	Office: Other Office	150	150	0	Owned	None	+	-
Manager's Of	Office: Other Office	150	150	0	Owned	None	+	-
Bookeeping C	Office: Other Office	150	150	0	Owned	None	+	-

Save Form

Space Name / Description	Space Usage Type	Gross Area (sf)	Regularly Occupied Area[1] (sf)	Un conditioned Area[2] (sf)	Owned or Leased	Lease Type		
Scan Office	Office: Other Office	150	150	0	Owned	None	+	-
Hall	Circulation Space	140	0	0	Owned	None	+	-
Break Room	Break Room	195	195	0	Owned	None	+	-
Rest Rooms	Toilet Rooms	270	0	0	Owned	None	+	-
Total (sf)		27,094	24,443	3,261				
Percentage of total (%)			90	12				

1 Total regularly occupied area is linked to IEQc8.1 & IEQc8.2.
2 Unconditioned space is defined as an enclosed space within a building that is not a conditioned space or a semiheated space. Crawlspaces, attics, and parking garages with natural or mechanical ventilation are not considered enclosed spaces.

Total leased gross area: 0 sf

Leased area as a percentage of total area: 0 %

OCCUPANT INFORMATION

Select all that apply:

- ☐ The project owner manages project building.
- ☒ The project owner owns project building.
- ☐ The project building is speculative.

Select one of the following:

- ◉ Actual, historical and/or projected project occupancy includes non-standard occupancy patterns such as shift work, non-8-hour work days, etc.
- ○ Actual, historical and/or projected project occupancy does not include non-standard occupancy patterns.

COMPLEX OCCUPANCY

Upload PIf3-1. Provide project FTE calculations including daily and annual patterns. Include details on transients, customers, peak and average numbers For shift work, include details on FTE per shift and shift hours.

Upload *Files: 1*

Briefly describe project occupancy patterns. Details should be apparent in Upload PIf3-1 above. Use this space to point out special circumstances or further describe any atypical occupancy patterns. (Optional)

Calculations are done on a 364 day year, 16 hr days with split shifts. FTE is based on historical data from similar sized stores. Transient and Retail Customer counts are also based on historical data from similar sized stores.

ased on calculat ons n Upload PIf3-1 prov de the follo ng nformat on:

Peak occupants: *Note: Equals the number of occupants during the regularly occurring moment with the highest volume of full-time and part-time occupants. For projects with multiple shifts, consider shift overlap. Does not include residents.*	305
Peak transients: *Note: Equals the number of transients during the regularly occurring moment with the highest volume of transients.*	8
Total building users at peak moment: *Note: Equals the sum of occupants and transients during the regularly occurring moment with the highest volume of total users. For projects with multiple shifts and/or projects where peak transient volume and peak occupancy do not occur concurrently, does not necessarily equal the sum of the inputs above. Linked to SSc4.*	304
Full-time equivalent (FTE) occupants: *Note: Equals the FTE (based on a standard 8-hour occupancy period) across all shifts, including full-time and part-time occupants. Does not include residents. Linked to SSc4 & WEp1.*	60
Daily average transients - students/visitors: *Note: Equals the daily average calculated on a yearly basis. Linked to WEp1.*	52
Daily average transients - retail customers: *Note: Equals the daily average calculated on a yearly basis. Linked to WEp1.*	2,581
Total building users as a daily average: *Note: Equals the sum of FTE and transients expressed as an annualized daily average.*	2,693
Total number of residents: *Note: Assume two residents per one-bedroom unit, three residents per two-bedroom unit, etc., unless there is reason to assume a different occupancy. Linked to WEp1.*	0
Typical number of days of operation per year:	364

ADDITIONAL DETAILS

☐ Special circumstances preclude compliance with the submittal requirements outlined in this form.

SUMMARY

PI Form 3: Occupant and Usage Data Completed:	Y	Check Compliance

EA PREREQUISITE 2: MINIMUM ENERGY PERFORMANCE

Project # 1000060456 University Village - Sprouts Market

All fields and uploads are required unless otherwise noted.

ALL OPTIONS

TARGET FINDER

The following fields are required, but the values have no bearing on EA Prerequisite 2 compliance. Use the Target Energy Performance Results calculator on the ENERGY STAR website to generate the values. If using prescriptive compliance paths (Options 2 or 3), leave the Design energy consumption and cost values blank in the Target Finder website, and set the Design values equal to the Target values in this form.

	Des gn	Target
Energy performance rating(1-100):	100	75
CO_2-eq emissions (metric tons/year):	114	357
CO_2-eq emissions reduction:	73 %	16 %

Upload EAp2-1. Provide the Target Finder Energy Performance Results for the project building (a screen capture or other documentation containing the same information). (Optional)

Upload *Files: 1*

☐ The building is not able to get a Target Finder score because the tool does not support the primary building type of the project building and/or the project is not located in the United States (Optional)

PREREQUISITE COMPLIANCE

Total gross square footage:	28,707 sf
Principal project building activity:	Retail: Grocery Store/Food Market

The content highlighted in yellow above is linked to Plf3 & EAc1.

Select a compliance path:

- (●) **Opt on 1. Whole u ld ng Energ S mulat on.** The project team will document improvement in the proposed building performance rating as compared to the baseline building performance rating per ASHRAE/IESNA Standard 90.1-2007 or California Title 24-2005 Part 6.
- ( ) **Opt on 2. Prescr pt ve Compl ance Path: ASHRAE Advanced Energ Des gn Gu de.** The project team will document compliance with the ASHRAE Advanced Energy Design Guide.
- ( ) **Opt on 3. Prescr pt ve Compl ance Path: Advanced u ld ngs Core Performance Gu de.** The project team will document compliance with the Advanced Buildings™ Core Performance™ Guide.

The content highlighted in yellow above is linked to EAc1, EAc2 & EAc6.

OPTION 1. WHOLE UILDING ENERGY SIMULATION

Complete the following sections:

Section 1.1A - General Information
Section 1.1B - Mandatory Requirements
Section 1.2 - Space Summary
Section 1.3 - Advisory Messages
Section 1.4 - Comparison of Proposed Design Versus Baseline Design Energy Model Inputs
Section 1.5 - Energy Type Summary
Section 1.6 - Performance Rating Method Compliance Report
Section 1.7 - Exceptional Calculation Measure Summary (if applicable)
Section 1.8 - On-Site Renewable Energy (if applicable)
Section 1.9A - Total Building Performance Summary
Section 1.9B - Reports & Metrics

SECTION 1.1A - GENERAL INFORMATION

☒ **Compliant energy simulation software:** The energy simulation software used for this project has all capabilities described in EITHER section "G2 Simulation General Requirements" in Appendix G of ASHRAE 90.1-2007 OR the analogous section of the alternative qualifying energy code used.

☒ **Compliant energy modeling methodology:** Energy simulation runs for both the baseline and proposed building use the assumptions and modeling methodology described in EITHER ASHRAE 90.1-2007 Appendix G OR the analogous section of the alternative qualifying energy code used.

Simulation program:	eQuest
Principal heating source:	Fossil Fuel
Energy code used:	ASHRAE 90.1-2007

List the ASHRAE addenda used in the modeling assumptions, if any. (Optional)

Zip/Postal Code:	94706

The content highlighted in yellow above is linked to EAc1.5 & SSc1.

Weather file:	San FranciscoCA TMY2
Climate zone:	3C

List the climatic data from ASHRAE Standard 90.1-2007 Table D-1. Specify if another source is referenced for HDD & CDD data.

Heating Degree Days:	2,387
Cooling Degree Days:	3,935
HDD and CDD data source, if other than ASHRAE: (Optional)	

New construction gross square footage:	28,707
Existing, renovated gross square footage:	0
Existing, unrenovated gross square footage:	0
Total gross square footage:	28,707
New construction percent:	100 %
Existing renovation percent:	0 %
Existing unrenovated percent:	0 %

The content highlighted in yellow above is linked to Plf2 & MRc2.

Gross square footage used in the energy model, if different than gross square footage above: (Optional) 28,631

SECTION 1.1 - MANDATORY REQUIREMENTS

S gnator EAp2-1.

For all elements included in the Architect's scope of work for the project building, the project building design complies with all ASHRAE Standard 90.1-2007 mandatory provisions (Sections 5.4, 6.4, 7.4, 8.4, 9.4 and 10.4), and the information provided regarding the proposed case energy model in Section 1.4 is consistent with the building design.

Select one of the following:

◉ **S gnature.** Provide a digital signature affirming the required signatory statement in gray directly above.

Initial here:

OR

○ **Upload EAp2-S1.** Provide a document with the signatory statement, copied directly from the form, signed and dated on letterhead.

S gnator EAp2-2.

For all elements included in the Mechanical Engineer's scope of work for the project building, the project building design complies with all ASHRAE Standard 90.1-2007 mandatory provisions (Sections 5.4, 6.4, 7.4, 8.4, 9.4 and 10.4), and the information provided regarding the proposed case energy model in Section 1.4 is consistent with the building design.

Select one of the following:

◉ **S gnature.** Provide a digital signature affirming the signatory statement in gray directly above.

Initial here:

OR

○ **Upload EAp2-S2.** Provide a document with the signatory statement, copied directly from the form, signed and dated on letterhead.

S gnator EAp2-3.

For all elements included in the Electrical Engineer's scope of work for the project building, the project building design complies with all ASHRAE Standard 90.1-2007 mandatory provisions (Sections 5.4, 6.4, 7.4, 8.4, 9.4 and 10.4), and the information provided regarding the proposed case energy model in Section 1.4 is consistent with the building design.

Select one of the following:

(•) **S gnature.** Provide a digital signature affirming the signatory statement in gray directly above.

Initial here:

OR

( ) **Upload EAp2-S3.** Provide a document with the signatory statement, copied directly from the form, signed and dated on letterhead.

SECTION 1.2 - SPACE SUMMARY

Table EAp2-1. Space Usage Type

Space Name / Description	Space Usage Type	Gross Area (sf)			Typical Hours/Week in Operation		
		Space Total	Regularly Occupied	Unconditioned			
Main Sales	Retail: Supermarket/Grocery	17,103	17,103	0	112	+	-
Stock / Receiving	Storage	3,674	3,674	0	112	+	-
Produce / Bulk Prep	Food Preparation	2,442	2,442	0	112	+	-
Offices	Private Office	604	604	0	112	+	-
Hall	Corridor	3,873	3,873	0	112	+	-
Restrooms	Toilet Rooms	270	270	0	112	+	-
Seating / Break Room	Dining Area	665	665	0	112	+	-
Total		28,631	28,631	0			
Percentage of total (%)			100	0			

Save Form

SECTION 1.3 - AD ISORY MESSAGES

Complete Table EAp2-2 based on information from the energy simulation output files.

Table EAp2-2. Advisory Messages

	Baseline Design (0° Rotation)	Proposed Design
Number of hours heating loads not met [1]	106	106
Number of hours cooling loads not met [1]	7	54
Total	113	160
Difference [2] *(Proposed minus baseline)*		47
Number of warning messages	3	13
Number of error messages	0	0
Number of defaults overridden	0	0
Unmet load hours compliance	Y	

Notes:
1 Baseline design and proposed design unmet load hours each may not exceed 300
2 Unmet load hours for the proposed design may not exceed the baseline design by more than 50 hours.

SECTION 1.4 - COMPARISON OF PROPOSED DESIGN ERSUS ASELINE DESIGN ENERGY MODEL INPUTS

Download, complete, and upload "EAp2 Section 1.4 table.xls" (found under "Credit Resources") to document the Baseline and Proposed design energy model inputs for the project. All energy modeling inputs should be entered in this table except for Exceptional Calculation Measures (documented in Section 1.7), On-Site Renewable Energy (documented in Section 1.8), and energy consumption for equipment listed in Tables 1-4 of the LEED-NC for Retail EA Credit 1 credit requirements (documented in Upload EAp2-4). Documentation should be sufficient to justify the energy and cost savings numbers reported in Section 1.6.

Upload EAp2-3. Provide the completed EAp2 Section 1.4 Tables available under "Credit Resources."

Upload *Files: 1*

Does project include process equipment listed in Tables 1-4 of the LEED-NC for Retail EA Credit 1 credit requirements, (commercial kitchen equipment*, supermarket refrigeration equipment*, walk-in coolers and freezers, and/or commercial kitchen ventilation equipment)?

(•) Yes ( ) No

Upload EAp2-4. Provide the completed "EAp2/EAc1 Section 1.4 Table 1-4 Process Efficiency Measures, Option 1" spreadsheet (found under "Credit Resources") to document the Table 1 - 4 inputs, energy consumption, and costs for the project.

Upload *Files: 1*

SECTION 1.5 - ENERGY TYPE SUMMARY

List the energy types used by the project (i.e. electricity, natural gas, purchased chilled water or steam, etc.) for the baseline and proposed designs. *If revising the values in Table EAp2-3, reselect energy type in all affected rows in Table EAp2-4 and Table EAp2-5 to ensure that the revised values from Table EAp2-3 are propagated and that Table EAp2-4 and Table EAp2-5 calculations are refreshed.*

Table EAp2-3. Energy Type Summary

Energy Type	Utility Company Name	Utility Rate and Description of Rate Structure[1]	Baseline Virtual Rate [2] ($ per unit energy)	Proposed Virtual Rate [2] ($ per unit energy)	Units of Energy	Units of Demand
Electricity	PG&E	Commercial Service	0.1552	0.1562	kWh	kW
Natural Gas	PG&E	Commercial Service	0.5531	0.5695	therms	
			0			

+ -

Notes:

1 Per ASHRAE 90.1-2007 G2.4, project teams are allowed to use the state average energy prices published by DOE's EIA for commercial building customers, available on EIA's website (www.eia.gov). If project uses backup energy for on-site renewable energy, please specify the rate of backup source energy.

2 List the virtual energy rate from the baseline and proposed design energy model results or from manual calculations. This rate is defined as the total annual charge divided by the metered energy from the plant for each resource.

If the proposed and baseline rates vary significantly, describe the building input parameters (e.g. demand reduction measures) leading to the variation in energy rates, and provide detailed information regarding the utility rate structure including all demand and energy charges, and the seasonal and time-of-use structure of the utility tariff. (Required when proposed and baseline rates vary by more than 10%)

Upload EAp2-5. Provide any documentation to support the proposed/ baseline rate variance narrative. (Optional)

Upload *Files: 0*

SECTION 1.6 - PERFORMANCE RATING METHOD COMPLIANCE REPORT

List each energy end use for the project (including all end uses reflected in the baseline and proposed designs), then list the energy consumption and peak demand for each end-use for all four baseline design orientations.

Table EAp2-4. Baseline Performance - Performance Rating Method Compliance

End Use	Process Load?	Design Energy Type	Units of Annual Energy & Peak Demand	0° rotation	90° rotation	180° rotation	270° rotation	Building Results

Interior Lighting		Electricity	Energy Use	kWh	161,124	161,124	161,124	161,124	161,124
			Demand	kW	34.5	34.5	34.5	34.5	34.5
Exterior Lighting		Electricity	Energy Use	kWh	41,395	41,395	41,395	41,395	41,395
			Demand	kW	0	0	0	0	0
Space Heating		Natural Gas	Energy Use	therms	14,240	14,297	14,303	14,219	14,264.75
			Demand						
Space Cooling		Electricity	Energy Use	kWh	58,042	58,015	56,785	57,745	57,646.75
			Demand	kW	67.8	68.1	67.5	68	67.85
Pumps		Electricity	Energy Use	kWh	4,119	4,126	4,072	4,099	4,104
			Demand	kW	0.6	0.6	0.6	0.6	0.6
Heat Rejection			Energy Use						
			Demand						
Fans-Interior		Electricity	Energy Use	kWh	28,889	28,695	28,387	28,584	28,638.75
			Demand	kW	10.1	10.1	10.1	10.2	10.13
Fans - Parking Garage			Energy Use						
			Demand						
Service Water Heating		Natural Gas	Energy Use	therms	1,138	1,138	1,138	1,138	1,138
			Demand						
Receptacle Equipment	X	Electricity	Energy Use	kWh	125,061	125,061	125,061	125,061	125,061
			Demand	kW	45.9	45.9	45.9	45.9	45.9
Interior Lighting - Process	X		Energy Use						
			Demand						
Refrigeration Equipment[1]	X		Energy Use						
			Demand						
Cooking	X		Energy Use						
			Demand						
Industrial Process	X		Energy Use						
			Demand						
Elevators and Escalators	X		Energy Use						
			Demand						
Commercial Kitchen Equipment*	X		Energy Use						
			Demand						
Supermarket Refrigeration*	X		Energy Use						
			Demand						
Walk-in Coolers and Freezers*	X		Energy Use						
			Demand						

Save Form

Commercial Kitchen Ventilation*	☒		Energy Use						
			Demand						
	☐		Energy Use						
			Demand						
Baseline - Total Energy Use (MMBtu/yr)					2,966.17	2,971.14	2,966.3	2,961.94	2,966.39
Baseline - Annual Process Energy (MMBtu/yr)									426.71
Process Energy Modeling Compliance [2]									**Y**

+ -

Notes:

1 For any refrigeration equipment explicitly listed in Tables 1-4 of the LEED-NC for Retail EA Credit 1 credit requirements, use rows below. For all other refrigeration equipment, use this row.

** Energy savings from energy use or consumption attributable to process equipment NOT listed in Tables 1-4 of the LEED-NC for Retail EA Credit 1 must be claimed via Section 1.7 Exceptional Calculation Methodology.*

2 Annual process energy costs must be at least 25% of the total energy costs for the proposed design. This form determines compliance using cost calculations from Section 1.9. Process Energy Costs should be modeled to accurately reflect the proposed building. Process Energy must be the same in the baseline and proposed cases, unless an exceptional calculation is used. Process energy costs must be at least 25% of the total baseline energy costs. Any exceptions must be supported by a narrative and/or other supporting documentation.

List the energy consumption and peak demand for each end-use for all four proposed design orientations.

Table EAp2-5. Performance Rating - Performance Rating Method Compliance

		Baseline			Proposed				
End Use	Process Load?	Units of Annual Energy Consumption and Peak Demand		Building Results	Design Energy Type	Units of Annual Energy Consumption and Peak Demand		Building Results	Percent Savings
Interior Lighting		Energy Use	kWh	161124	Electricity	Energy Use	kWh	88,301	45.2
		Demand	kW	34.5		Demand	kW	18.9	
Exterior Lighting		Energy Use	kWh	41395	Electricity	Energy Use	kWh	13,681	66.95
		Demand	kW	0		Demand	kW	0	
Space Heating		Energy Use	therms	14264.75	Natural Gas	Energy Use	therms	5,292	62.9
		Demand				Demand		0	
Space Cooling		Energy Use	kWh	57646.75	Electricity	Energy Use	kWh	33,119	42.55
		Demand	kW	67.85		Demand	kW	42.9	
Pumps		Energy Use	kWh	4104	Electricity	Energy Use	kWh	5,471	-33.31
		Demand	kW	0.6		Demand	kW	43	
Heat Rejection		Energy Use				Energy Use		0	0
		Demand				Demand		0	
Fans-Interior		Energy Use	kWh	28638.75	Electricity	Energy Use	kWh	26,688	6.81
		Demand	kW	10.13		Demand	kW	4.7	
Fans - Parking Garage		Energy Use				Energy Use			0
		Demand				Demand		0	
Service Water Heating		Energy Use	therms	1138	Natural Gas	Energy Use	therms	759	33.3
		Demand				Demand		0	

Save Form

Receptacle Equipment	X	Energy Use	kWh	125061	Electricity	Energy Use	kWh	125,061	0
		Demand	kW	45.9		Demand	kW	45.9	
Interior Lighting - Process	X	Energy Use				Energy Use		0	0
		Demand				Demand			
Refrigeration[1] Equipment	X	Energy Use				Energy Use			0
		Demand				Demand			
Cooking	X	Energy Use				Energy Use			0
		Demand				Demand			
Industrial Process	X	Energy Use				Energy Use			0
		Demand				Demand			
Elevators and Escalators	X	Energy Use				Energy Use			0
		Demand				Demand			
Commercial Kitchen Equipment*	X	Energy Use				Energy Use			0
		Demand				Demand			
Supermarket Refrigeration*	X	Energy Use				Energy Use			0
		Demand				Demand			
Walk-in Coolers and Freezers*	X	Energy Use				Energy Use			0
		Demand				Demand			
Commercial Kitchen Ventilation*	X	Energy Use				Energy Use			0
		Demand				Demand			
		Energy Use			Electricity	Energy Use	kWh	3097	0
		Demand				Demand	kW	0	
Total Energy Use (MMBtu/yr)				2,966.39				1,613.07	
Process Energy (MMBtu/yr)				426.71				426.71	

Notes:

1 For any refrigeration equipment explicitly listed in Tables 1-4 of the LEED-NC for Retail EA Credit 1 credit requirements, use rows below. For all other refrigeration equipment, use this row.

** Energy savings from energy use or consumption attributable to process equipment NOT listed in Tables 1-4 of the LEED-NC for Retail EA Credit 1 must be claimed via Section 1.7 Exceptional Calculation Methodology.*

Table EAp2-6. Section 1.6 Energy Use Summary

		Baseline		
Energy Type	Units	Process Subtotal	Total Energy Use	Proposed Energy Use
Electricity	kWh	125,061	417,969.5	295,418
Natural Gas	therms	0	15,402.75	6,051
		0	0	0

Save Form

Totals	MMBtu	426.71	2,966.39	1,613.07

Table EAp2- . Section 1.6 Energy Cost Summary (Automatic)

		Baseline		
Energy Type	Units	Process Subtotal	Total Energy Cost	Proposed Energy Cost
Electricity	$	19,409.47	64,868.87	46,144.29
Natural Gas	$	0	8,519.26	3,446.04
	$	0	0	0
Total	$	19,409.47	73,388.13	49,590.34

Select one of the following:

- (•) **Sect on 1.6 Automat c Cost Calculat on:** Total building energy costs will be based on the "virtual" energy rate defined in Section 1.5.
- ( ) **Sect on 1.6 Manual Cost Input:** The project team will analyze the total building energy costs based on local utility rate structures. Costs will be input separately from the energy model.

Note: Energy cost savings are summarized in Section 1.9A Total Building Performance Summary.

SECTION 1. - EXCEPTIONAL CALCULATION MEASURE SUMMARY

Select one of the following:

- ( ) The energy analysis includes exceptional calculation method(s) (ASHRAE 90.1-2007, G2.5).
- (•) The energy analysis does not include exceptional calculation methods.

SECTION 1. - ON-SITE RENEWA LE ENERGY

Select one of the following

- ( ) The project uses on-site renewable energy produced on-site.
- (•) The project does not use on-site renewable energy.

SECTION 1.9A - TOTAL UILDING PERFORMANCE SUMMARY

Table EAp2-15. Total Building Energy Use Performance

		Baseline		Proposed			
Energy Type	Units	Process Subtotal	Section 1.6 Total Energy Use	Section 1.6 Energy Use	Section 1.7 Energy Savings	Section 1.8 Renewable Energy Savings	Total Energy Use
Electricity	kWh	125,061	417,969.5	295,418	0	0	295,418
Natural Gas	therms	0	15,402.75	6,051	0	0	6,051

Save Form

Energy Type	Units	Process Subtotal	Section 1.6 Total Energy Use	Section 1.6 Energy Use	Section 1.7 Energy Savings	Section 1.8 Renewable Energy Savings	Total Energy Use
		0	0	0	0	0	0
Totals	MMBtu	426.71	2,966.39	1,613.07	0	0	1,613.07
						Energy use savings (%)	45.62

The values below are automatically calculated using the virtual energy rate from Section 1.5 unless the project team has opted to manually input costs in Section 1.6, 1.7, and/or 1.8. To modify these values and/or to see automatically calculated results for reference see Sections 1.6, 1.7 or 1.8.

Table EAp2-16. Total Building Energy Cost Performance

		Baseline		Proposed			
Energy Type	Units	Process Subtotal	Section 1.6 Total Energy Cost	Section 1.6 Energy Cost	Section 1.7 Energy Savings	Section 1.8 Renewable Energy Savings	Total Energy Cost
Electricity	$	19,409.47	64,868.87	46,144.29	0	0	46,144.29
Natural Gas	$	0	8,519.26	3,446.04	0	0	3,446.04
	$	0	0	0	0	0	0
Totals	$	19,409.47	73,388.13	49,590.34	0	0	49,590.34
Baseline process energy costs as percent of total energy costs (%)		26.45				Energy cost savings (%)	32.43
						EA Credit 1 points documented	11

The content highlighted in yellow above is linked to EAc1.

Table EAp2-1 . Energy Use Intensity

	Baseline EUI	Proposed EUI
Electricity (kWh/sf)		
Interior Lighting	5.613	3.076
Space Heating	0	0
Space Cooling	2.008	1.154
Fans - Interior	0.998	0.93
Service Water Heating	0	0
Receptacle Equipment	4.356	4.356
Miscellaneous	1.585	0.775
Subtotal	14.56	10.291
Natural Gas (kBtu/sf)		
Space Heating	49.691	18.435
Service Water Heating	3.964	2.644
Miscellaneous	0	-0.001
Subtotal	53.655	21.078
Other (kBtu/sf)		
Miscellaneous	0	0
Subtotal	0	0
Total Energy Use Intensity (kBtu/sf)		
Total	103.333	56.191

Table EAp2-1 . End Use Energy Percentage

	Baseline Case (%)	Proposed Case (%)	End Use Energy Savings (%)
Interior Lighting	18.53	18.68	18.36
Space Heating	48.09	32.81	66.3
Space Cooling	6.63	7.01	6.18
Fans - Interior	3.3	5.65	0.49
Service Water Heating	3.84	4.71	2.8
Receptacle Equipment	14.38	26.45	0
Miscellaneous	5.23	4.7	5.86

- (●) The project used DOE2, eQuest or Visual DOE.
- ( ) The project used EnergyPlus.
- ( ) The project team used EnergyPro.
- ( ) The project team used HAP.
- ( ) The project team used Trace.
- ( ) The project team used other modeling software.

Upload EAp2- . Provide the input summary and the BEPS, BEPU, and ES-D reports. Upload *Files: 5*

ADDITIONAL DETAILS

☐ Special circumstances preclude documentation of prerequisite compliance with the submittal requirements outlined in this form.

☐ The project team is using an alternative compliance approach in lieu of standard submittal paths.

SUMMARY

EA Prerequisite 2: Minimum Energy Performance Compliance Documented: Y Check Compliance

WE PREREQUISITE 1: WATER USE REDUCTION 20% REDUCTION

Project # 1000060456 University Village - Sprouts Marke

All fields and uploads are required unless otherwise noted.

FIXTURES FITTINGS AND APPLIANCES

Note: Refer to the additional guidance document in the Credit Resources section of LEED Online for more information about documenting compliance with WEp1 and WEc1.

Table WEp1-1. Daily Occupancy (Optional)

Note: For reference only. These values should inform, but not necessarily parallel, the numbers entered in the Table WEp1-2. Fixture Groups Definition.

FTE	Average Transients (Visitors)	Average Retail Customers	Residents	Total
60	52	2,581	0	2,693

F ture Groups Introduct on

This table allows for project occupants to be organized in a way that best represents fixture usage patterns in the project. Occupants can be grouped together or separated into sub-groups at the option of the project team. The usage groups defined must be derived from daily occupancy data for the project building. Accordingly, all project occupants, as recorded in the Daily Occupancy tables from PI Form 3: Occupant and Usage Data must be represented in the Table WEp1-2. Fixture Groups Definition below. All residential occupants should be represented separately from non-residential occupants. Refer to the additional guidance document in the Credit Resources section.

Table WEp1-2. Fixture Groups Definition

Group Name	Annual Days of Operation	FTE	Transients (Visitors)	Retail Customers	Residents	% Female	% Male		
Sprouts Market W	364	60	52	2,581	0	50	50	+	-
Sprouts Market H	364	60	52	2,581	0	50	50	+	-

Save Form

Group Name	Annual Days of Operation	FTE	Transients (Visitors)	Retail Customers	Residents	% Female	% Male
Sprouts Market	364	60	52	2,581	0	50	50

Briefly describe the inputs in the Table WEp1-2. Fixture Groups Definition. Explain the methodology used to define each fixture group, as well as the derivation of data in each row. Additionally, provide a detailed explanation if the default gender ratio is not used.

All fixtures are used by all occupants - FTE, Transients and Retail Customers. Data is determined by the Occupancy calculations for Average Daily FTE, Average Daily Transients and Retail Customers.

Table WEp1-3. Flush Fixture Data

Enter flush fixture data for each fixture group defined in the Table WEp1-2. Fixture Groups Definition above. Click "Calculate" in the summary section of the table to perform the water savings calculations. "Calculate" must be clicked after any or all the data is entered in the table to refresh the calculated values and obtain accurate information.

Fixture Groups							Flush Rate (GPF)		Annual Water Consumption (kGal)	
Select	Display	Fixture ID[1]	Fixture Family	Fixture Type	Default	Total Daily Uses [2]	Baseline	Installed[3]	IPC/UPC Baseline	Performance Case
Sprouts Mark	Sprouts Mark	WC1	Water Closet	IPC/UPC (Conventional)	☒	523	1.6	1.28	304.6	243.68
Sprouts Mark	Sprouts Mark	UR1	Urinal	IPC/UPC (Conventional)	☒	199	1	0.13	72.44	9.42

Save Form

Total calculated flush fixture water use annual volume, baseline case (kGal)	377.04
Total calculated flush fixture water use annual volume, performance case (kGal)	253.1
Percent reduction of water use in flush fixtures (%)	32.87

Calculate

Notes:
1 Define a reference name or descriptor that can be used to identify each fixture family/type.
2 May be modified for special circumstances. Deselect the "Default" checkbox to enter modified Total Daily Uses value. Default assumes urinals are installed. Refer to the additional guidance document in the Credit Resources section for more information about fixture groups that do not include urinals.
3 To account for dual-flush fixtures, enter a weighted average flush rate.
4 Summary information in yellow above is linked to WEc2.

Table WEp1-4. Flow Fixture Data

Enter flow fixture data for each fixture group defined in the Table WEp1-2. Fixture Groups Definition above. Click "Calculate" in the summary section of the table to perform the water savings calculations. "Calculate" must be clicked after any or all the data is entered in the table to refresh the calculated values and obtain accurate information.

Fixture Groups								Flow Rate (GPM / GPC)		Annual Water Consumption (kGal)			
Select	Display	Fixture ID[1]	Fixture Family	Fixture Type	Default	Total Daily Uses[2]	Duration[3] (secs)	Baseline	Installed[4]	IPC/UPC Baseline	Performance Case		
Sprouts Ma	Sprouts Ma	CTL	Public Lavatory Faucet	IPC/UPC (Conventional)	☒	722	30	0.5	0.2	65.7	26.28	+	-
Total calculated flow fixture water use annual volume, baseline case (kGal)										65.7			
Total calculated flow fixture water use annual volume, performance case (kGal)										26.28			
Percent reduction of water use in flow fixtures (%)										60			

Calculate

Notes:
1 Define a reference name or descriptor that can be used to identify each fixture family/type.
2 May be modified for special circumstances. Deselect the "Default" checkbox in order to insert the modified Total Daily Uses value.
3 May be modified for special circumstances. Provide a narrative in the Special Circumstances section below to justify modifications.
4 For public metering/autocontrol lavatory faucets, convert all flow rates in gallons per minute (GPM) to gallons per cycle (GPC) using a default 12 second duration of flow.

Does the project building include pre-rinse spray valve(s)?

◉ Yes ○ No

Save Form

Flow rate of the pre-rinse spray valve(s) installed on the project: 1.5 GPM

Note: The flow rate for all pre-rinse spray valves must be less than or equal to 1.6 gpm. If there are multiple fixtures with varying flow rates, insert the highest flow rate.

Upload WEp1-1. Provide the plumbing fixture and fitting schedule for the project highlighting flush and flow rates for all applicable plumbing fixtures and fittings within the project building.

Upload *Files: 1*

Table WEp1-5. Flush & Flow Fixtures Summary

Total calculated fixture water use annual volume, baseline case (kGal)	442.74
Total calculated fixture water use annual volume, performance case (kGal)	279.38
Percent reduction of water use in all fixtures (%) *Must be 20% to document credit compliance*	36.9

The content highlighted in yellow above is linked to WEc3.

PROCESS WATER USE

Table WEp1-6. Process Equipment Data

Complete the table below for clothes wasters, dishwashers, ice machines, food steamers and combination ovens. If the project does not include these equipment families, leave the following table blank. If "Other" is selected, Water Use Rate units must be expressed in terms of gallons (e.g., gal/rack, gal/100lbs of ice, etc.).

							Water Use Rate			Annual Water Consumption (kGal)		
Equipment ID	Equipment Family	Equipment Type	ADO	Cycles / Day	Daily Usage Multiplier		Baseline	Installed	Units	IPC/UPC Baseline	Performance Case	
204	Dishwasher, Commercial	Door type: High temp	365	20	# Racks in Dishwasher:	3	1.44	0.74	gal/rack	31.54	16.21	+ -
20	Ice Machine, Commercial	Self-contained ice machine unit (SCU)	365	1	Ice Generated [lbs]/Cycle:	1,202	35	12	gal/100lb	153.56	52.65	+ -

Save Form

Equipment ID	Equipment Family	Equipment Type	ADO	Cycles / Day	Daily Usage Multiplier		Water Use Rate: Baseline	Water Use Rate: Installed	Water Use Rate: Units	Annual Water Consumption (kGal): IPC/UPC Baseline	Annual Water Consumption (kGal): Performance Case
21A	Combination Oven	Countertop or stand-mounted	365	150	Hours/Cycle:	0.16	40	30	gal/hr	350.4	262.8

Total calculated annual process water use, baseline case (kGal)	535.5
Total calculated annual process water use, performance case (kGal)	331.66
Percentage reduction of water use in process water equipment (%) *Must be 20% to document credit compliance.*	38.07

The content highlighted in yellow above is linked to WEc3.

Does the project include water cooled ice machines?

○ Yes ◉ No

ADDITIONAL DETAILS

☐ Special circumstances preclude documentation of credit compliance with the submittal requirements outlined in this form.

☐ The project team is using an alternative compliance approach in lieu of standard submittal paths.

SUMMARY

WE Prerequisite 1: Water Use Reduction - 20% Reduction Compliance Documented:	Y	Check Compliance

Save Form

WE CREDIT 3: WATER USE REDUCTION

Project # 1000060456 University Village - Sprouts Market

All fields and uploads are required unless otherwise noted.

THRESHOLD ATTEMPTED

Points Attempted: 4 35% Reduction

The following sections have been derived from the compliance documented in WE Prerequisite 1: Water Use Reduction - 20% Reduction. The WE Prerequisite 1 form must be completed before compliance with WE Credit 3 can be documented. The following summary tables are linked.

Table WEc3-1. Flush & Flow Fixtures Summary Statistics

Total calculated fixture water use annual volume, baseline case (kGal)	442.74
Total calculated fixture water use annual volume, performance case (kGal)	279.38
Percent reduction of water use in all fixtures (%)	36.9

Table WEc3-2. Process Water Use Summary Statistics

Total calculated annual process water use, baseline case (kGal)	535.5
Total calculated annual process water use, performance case (kGal)	331.66
Percentage reduction of water use in process water equipment	38.07

The reduction for both fixture AND process water use must be at least 30% each for 2 points, at least 35% each for 3 points and at least 40% each for 4 points.

ADDITIONAL DETAILS

☐ Special circumstances preclude documentation of credit compliance with the submittal requirements outlined in this form.

☐ The project team is using an alternative compliance approach in lieu of standard submittal paths.

Save Form

SUMMARY

WE Credit 3: Water Use Reduction Points Documented:	3
WE Credit 3: Water Use Reduction Exemplary Performance Documented:	N

☐ The project team reserves one point in the Innovation in Design credit category for exemplary performance in WE Credit 3.

Save Form

PI FORM 1: MINIMUM PROGRAM REQUIREMENTS

Project # 1000060755 University Village - Parcel B Retail

All fields and uploads are required unless otherwise noted.

ALL PRO ECTS

Note: The complete Minimum Program Requirements (MPRs) and Supplemental Guidance to the MPRs are available online.

1. Must Compl th Env ronmental La s

☒ The LEED project building, all other real property within the LEED project boundary, and all project work complies with applicable federal, state, and local building-related environmental laws and regulations in place where the project is located. This condition has been satisfied from the date of LEED project registration or the commencement of schematic design, whichever came first, and will continue to be satisfied or was satisfied up to and until the date that the building receives a certificate of occupancy or similar official indication that it is fit and ready for use.

I understand that a lapse in a project's compliance with a building-related environmental law or regulation that results from an unforeseen and unavoidable circumstance shall not necessarily result in non-compliance with this MPR, and that such lapses shall be excused so long as they are remediated as soon as feasibly possible.

2. Must e a Complete Permanent u ld ng or Space

☒ The LEED project is designed for, constructed on, and operated on a permanent location on already existing land. The project does not consist of mobile structures, equipment, or vehicles. It is not designed to move at any point in its lifetime.

The project includes the new, ground-up design and construction, or major renovation, of at least one commercial, institutional, or high-rise residential building in its entirety.

3. Must Use a Reasonable S te oundar

☒ 1. The LEED project boundary includes all contiguous land that is associated with and supports normal building operations for the project building, including all land that was or will be disturbed for the purpose of undertaking the LEED project.
2. The LEED project boundary does not include land that is owned by a party other than that which owns the LEED project unless that land is associated with and supports normal building operations for the LEED project building.
3. If the project is located on a campus, the project boundary is drawn such that if all the buildings on campus become LEED certified, then 100% of the gross land area on the campus will be included within a LEED boundary without violating MPR #7, Must Comply with Minimum Building Area to Site Area Ratio.
4. No given parcel of real property within the LEED project boundary has ever been or ever will be attributed to another LEED project building.
5. No gerrymandering of a LEED project boundary has occurred; the boundary does not unreasonably exclude sections of land to create boundaries in unreasonable shapes for the sole purpose of complying with prerequisites or credits.

4. Must Compl th M n mum Floor Area Re u rements

☒ The LEED project includes a minimum of 1,000 square feet (93 square meters) of gross floor area.

5. Must Compl th M n mum Occupanc Rates

Save Form

☒ The LEED project serves 1 or more Full Time Equivalent (FTE) occupant(s), calculated as an annual average, and will use LEED in its entirety, OR the project serves less than 1 annualized FTE and optional credits from the Indoor Environmental Quality category will not be attempted.

6. Must Comm t to Shar ng Whole- u ld ng Energ and Water Usage Data

☒ I commit to sharing with USGBC and/or GBCI all available actual whole-project energy and water usage data. This commitment will start upon certification acceptance or on the date that the LEED project begins typical physical occupancy and will continue for at least 5 years. I understand that sharing this data includes supplying information on a regular basis in a free, accessible, and secure online tool, OR allowing USGBC to access the whole-project metering facility where such meters are in place, OR taking any action necessary to authorize USGBC, GBCI or their designee to collect project information directly from service or utility providers. I will use reasonable efforts to ensure that this commitment carries forward in the event that the building or space changes ownership or lessee.

Furthermore, I understand that the purpose of data collection is for research and to aid in improving the LEED program. I understand that any whole-project energy and water usage data that is made publicly available shall be presented in an aggregate form with no identifying project-specific characteristics.

Furthermore, I understand that if my project does not have meters in place that measure energy and/or water usage for the entire LEED certified gross floor area, I will not be required to supply energy and/or water usage data unless and until such meters are installed. I understand that if the LEED project is altered, sold, assigned or otherwise transferred in such a way that the data for the original LEED project becomes impractical to collect, I will no longer be required to provide the data or provide access to the data.

Does the project have permanently-installed energy meter(s) that account for all sources of energy delivered by an external provider, as listed in EA Prerequisite: Minimum Energy Performance?

◉ Yes ○ No

Does the project have permanently-installed water meter(s) or a collection of water meters that measure the total potable water use for the entire project and associated grounds?

◉ Yes ○ No

Select one of the following data sharing options:

◉ **Opt on 1.** Third Party Data Source

○ **Opt on 2.** USGBC Approved Data Template

Note: Please refer to MPR6 Resources, located in the Credit Library on www.usgbc.org, for information on the compliance options.

THIRD PARTY DATA SOURCE

☒ The project Owner commits to providing energy and water consumption data to USGBC and acknowledges that USGBC will only accept the data via an approved third party source or format. Subsequent to LEED Certification (at certification acceptance or upon typical physical occupancy), the project will report energy and water data on a monthly basis for a duration of five years.

. Must Compl th a M n mum u ld ng Area to S te Area Rat o

☒ The gross floor area of the LEED project building is no less than 2% of the gross land area within the LEED project boundary.

☒ The project Owner attests that all information provided on this form indicating that the LEED project is in compliance with all of the Minimum Program Requirements is true and accurate to the best of his/her knowledge.

Save Form

ADDITIONAL DETAILS

☐ Special circumstances preclude compliance with the Minimum Program Requirements as outlined in this form.

SUMMARY

PI Form 1: Minimum Program Requirements Completed:	Y	Check Compliance

Save Form

PI FORM 2: PRO ECT SUMMARY DETAILS

Project # 1000060755 University Village - Parcel B Retail

All fields and uploads are required unless otherwise noted.

UILDING AND SITE AREA

Number of buildings attempting certification as part of this LEED Application:	1
Total project building gross square footage / gross floor area:	11,986 sf

Note: Excludes all parking areas whether underground, structured, or at grade. Linked to Plf3, SSc2, SSc4.2, EAp1, EAp2, EAc1, EAc2, EAc6 & MRc1.

New construction gross square footage:	11,986 sf

The content highlighted in yellow above is linked to EAp2 & MRc1.

Existing, renovated gross square footage:	0 sf

The content highlighted in yellow above is linked to EAp2.

Existing, unrenovated gross square footage:	0 sf

The content highlighted in yellow above is linked to EAp2.

Sum of new construction and existing gross square footage:	11,986 sf
Percentage new construction:	100 %

The content highlighted in yellow above is linked to EAc1 & EAp2.

Percentage existing, renovated:	0 %

The content highlighted in yellow above is linked to EAp2.

Percentage existing, unrenovated:	0 %
Square footage of all parking areas:	3,264 sf

Note: Only includes area within the LEED project boundary.

The gross square footage numbers for new construction entered above are:	Actual

SITE CHARACTERISTICS

Total site area within the LEED project boundary:	29,569 sf

The content highlighted in yellow above is linked to SSc2, SSc5.1, SSc5.2 & WEc1.

Building area to site area ratio:	40.54 %

Save Form

Footprint of the project building:	11,936 sf

The content highlighted in yellow above is linked to SSc5.1 & SSc5.2.

Area outside building footprint, within LEED project boundary, that is comprised of hardscape:	15,248 sf

The content highlighted in yellow above is linked to SSc7.1.

Total number of parking spaces provided for building users (may include reserved off-site parking):	154

The content highlighted in yellow above is linked to SSc4.3, SSc4.4 & SSc7.1.

Number of stories above grade, excluding parking:	1
Number of stories below grade, excluding parking:	0
Total number of stories:	1

☒ The project building is located on a campus.

Project site condition:	Previously Developed

The content highlighted in yellow above is linked to SSc2 & SSc5.1.

Project building context:	Urban

ENERGY AND WATER SOURCES

The project building is served by the following energy source(s):

- ☒ Natural gas
- ☒ Electricity
- ☐ Fuel oil
- ☐ Biofuels
- ☐ District or campus heating (steam or hot water)
- ☐ District or campus cooling (chilled water)
- ☐ On-site renewables (solar, wind, geothermal, etc.)
- ☐ Other

The project building is served by the following water system(s):

- ☒ Potable supply - municipal system
- ☐ Potable supply - local well or surface water
- ☐ Gray or rainwater supply - municipal system
- ☐ Gray or rainwater supply - on-site
- ☒ Sewage - municipal system
- ☐ Sewage - local septic or other treatment
- ☐ Other

UDGET AND HISTORIC PRO ECT DATA

Total estimated project budget: $ 13,500,000

Note: Estimated project budget includes ALL costs associated with design and construction work, including costs associated with LEED Certification, labor, equipment, etc.

Note: The following information will be used for research purposes only and will not affect the review outcome.

- ☐ The project building is located in a historic district.
- ☐ The project building is on a historic registry.

ADDITIONAL DETAILS

- ☐ Special circumstances preclude compliance with the submittal requirements outlined in this form.

SUMMARY

PI Form 2: Project Summary Details Completed:	Y	Check Compliance

PI FORM 3: OCCUPANT AND USAGE DATA

Project # 1000060755 University Village - Parcel B Retail

All fields and uploads are required unless otherwise noted.

ALL OPTIONS

Occupant type: (Select all that apply)

- ☐ United States federal agency
- ☐ Individual
- ☐ Local government
- ☐ State government
- ☐ Mixed occupancy
- ☐ Residential
- ☐ Non-profit organization
- ☒ Profit organization
- ☐ Other

Principal project building activity: Retail: Restaurant/Cafeteria

The content highlighted in yellow above is linked to EAc1 & EAp2.

Total gross square footage / gross floor area of the project building: 11,986 sf

The content highlighted in yellow above is linked to Plf2, SSc4.2, EAp1, EAp2, EAc1, EAc2, EAc6 & MRc1.

Table Plf3-1. Space Usage Type

Enter information for all general usage types within the project building; group spaces with similar characteristics.

Space Name / Description	Space Usage Type	Gross Area (sf)	Regularly Occupied Area[1] (sf)	Un-conditioned Area[2] (sf)	Owned or Leased	Lease Type		
Retail 1	Retail: Restaurant/Cafeteria	4,141	3,914	0	Leased	Gross	+	-
Retail 2	Retail: Restaurant/Cafeteria	2,400	2,240	0	Leased	Gross	+	-
Retail 3	Retail: Other Retail	953	884	0	Leased	Gross	+	-
Retail 4	Retail: Restaurant/Cafeteria	1,470	1,601	0	Leased	Gross	+	-
Retail 5	Retail: Restaurant/Cafeteria	2,554	2,130	0	Leased	Gross	+	-
ATM	Retail Service	57	0	0	Leased	Gross	+	-
Riser&Electri	Utility	170	0	170	Leased	Gross	+	-
Trash&Recyc	Storage	241	0	241	Leased	Gross	+	-
Total (sf)		11,986	10,769	411				
Percentage of total (%)			90	3				

1 Linked to IEQc8.1 & IEQc8.2.

2 Unconditioned space is defined as an enclosed space within a building that is not a conditioned space or a semiheated space. Crawlspaces, attics, and parking garages with natural or mechanical ventilation are not considered enclosed spaces.

Save Form

Total leased gross area: 11,986 sf

Leased area as a percentage of total area: 100 %

Select all that apply:

- ☐ The project owner manages project building.
- ☒ The project owner owns project building.
- ☐ The project building is speculative.

Select one of the following:

- ○ **Actual Occupanc :** The actual building occupancy for the LEED building is available.
- ◉ **Default Occupanc :** The actual building occupancy for the LEED building is NOT available. The project team must use the default occupancy counts.
- ○ **Est mated Occupanc :** The actual building occupancy is unknown AND the default occupancy counts do not address the LEED building type. The project team will base the occupancy on an alternative methodology.

Table PIf3-4. Default Daily Occupancy

Space Usage Type	Total Area (sf)	Area per FTE (sf)	FTE	Area per Transient (sf)	Transients		
Restaurant	4,141	435	10	95	44	+	-
Restaurant	2,400	435	6	95	26	+	-
Retail, general	953	550	2	130	8	+	-
Restaurant	1,470	435	4	95	16	+	-
Restaurant	2,554	435	6	95	27	+	-
Total area		11,518					
Total full-time equivalent (FTE)		28					
Total transients, not including retail		113					
Total retail customers		8					
Total building users		149					

The content highlighted in yellow above is linked to SSc4.2, SSc4.3, SSc4.4 & WEp1.

Total number of residents: 0

Note: Assume two residents per one-bedroom unit, three residents per two-bedroom unit, etc., unless there is reason to assume a different occupancy. Linked to WEp1.

Typical number of days of operation per year: 362

ADDITIONAL DETAILS

☐ Special circumstances preclude compliance with the submittal requirements outlined in this form.

SUMMARY

PI Form 3: Occupant and Usage Data Completed:	Y	Check Compliance

All fields and uploads are required unless otherwise noted.

ALL PRO ECTS

Table PIf5-1. Control of Building Systems

For each item below, indicate the division of work throughout the project. In some cases, multiple boxes may be checked. Refer to CS Appendix 3, LEED for Core & Shell Project Scope in the LEED Reference Guide for Green Building Design and Construction for more information.

	Owner / Developer	Tenant	Lease Agreement	Not In Project Scope
	Main Lobby			
Floor finishes	☐	☐	☐	☒
Wall finishes	☐	☐	☐	☒
Ceiling finishes	☐	☐	☐	☒
Air terminal equipment	☐	☐	☐	☒
Air inlets and outlets	☐	☐	☐	☒
Light fixtures	☐	☐	☐	☒
Lighting controls	☐	☐	☐	☒
	Main Corridor			
Floor finishes	☐	☐	☐	☒
Wall finishes	☐	☐	☐	☒
Ceiling finishes	☐	☐	☐	☒
Air terminal equipment	☐	☐	☐	☒
Air inlets and outlets	☐	☐	☐	☒
Light fixtures	☐	☐	☐	☒
Lighting controls	☐	☐	☐	☒
	Secondary Lobby, Corridors			
Floor finishes	☐	☐	☐	☒
Wall finishes	☐	☐	☐	☒

Save Form

	Owner / Developer	Tenant	Lease Agreement	Not In Project Scope
	Secondary Lobby, Corridors, Continued			
Ceiling finishes	☐	☐	☐	☒
Air terminal equipment	☐	☐	☐	☒
Air inlets and outlets	☐	☐	☐	☒
Light fixtures	☐	☐	☐	☒
Lighting controls	☐	☐	☐	☒
	Buildouts			
Floor finishes	☐	☒	☐	☐
Wall finishes	☐	☒	☐	☐
Ceiling finishes	☐	☒	☐	☐
Air terminal equipment	☒	☒	☐	☐
Air inlets and outlets	☒	☒	☐	☐
Light fixtures	☐	☒	☐	☐
Lighting controls	☐	☒	☐	☐
	HVAC			
AHUs/RTUs/Air supply equipment	☒	☒	☐	☐
Chillers	☐	☐	☐	☒
Cooling tower	☐	☐	☐	☒
Boilers	☐	☐	☐	☒
Primary ductwork	☒	☒	☐	☐
	Electrical			
Electrical panels	☒	☐	☐	☐
Switchgear	☒	☐	☐	☐
Bus duct	☒	☐	☐	☐
	Plumbing			
Water closets	☐	☒	☐	☐
Urinals	☐	☒	☐	☐
Showers	☐	☒	☐	☒
Public lavatory faucets, aerators	☐	☒	☐	☐
Public metering lavatory faucets, aerators	☐	☒	☐	☐
Kitchen sinks	☐	☒	☐	☐
Janitor sinks	☐	☒	☐	☐
Metering faucets	☐	☒	☐	☐

Describe the project building HVAC, lighting and electrical systems. Include descriptions of all base building systems and types of controls, local or central.

NEED INFORMATION/NARRATIVE FROM REEVE-KNIGHT MEP TEAM

ADDITIONAL DETAILS

☐ Special circumstances preclude compliance with the submittal requirements outlined in this form.

SUMMARY

PI Form 5: Building System Control Completed:	Y

Save Form

WE PREREQUISITE 1: WATER USE REDUCTION 20% REDUCTION

Project # 1000060755 University Village - Parcel B Retai

All fields and uploads are required unless otherwise noted.

CORE AND SHELL SCOPE

Compliance with the prerequisite/credit requirements must be documented for the entire project building and associated grounds, including both the Core & Shell AND tenant-occupied spaces.

Note: All contents highlighted in yellow below is linked to WEc3.

Select one of the following:

- ○ **In Scope:** The Core & Shell project scope includes the performance improvements for the entire project building, including tenant-occupied spaces.
- ◉ **Tenant Work:** It is anticipated that there will be additional tenant work beyond the Core & Shell project scope.

TENANT WORK

Select one of the following:

- ◉ **Tenant Sales and/or Lease Agreement:** Performance calculations will indicate performance data as specified in the tenant sales and/or lease agreement for all the anticipated water fixtures and fittings for the tenant-occupied spaces.
- ○ **Tenant Neutral:** Performance calculations will indicate performance data as neutral for all anticipated water fixtures and fittings for the tenant-occupied spaces.

Tenant Sales and/or Lease Agreement

Save Form

☒ The tenant sales and/or lease agreement(s) contains binding language specifying maximum water usage rates of all fixture and fitting types that may contribute to water use reduction when installed, and do not exceed the LEED 2009 baseline water usage rates claimed in the performance calculations.

Upload L-6. Provide the legally binding document (lease, sales agreement, tenant construction requirements, etc.) associated with the project, signed by both the developer and the tenant, explicitly stating the performance requirements for the tenant work.

Upload *Files: 0*

The content highlighted in yellow above is linked to SSc4.2, WEc2, WEc3, EAp2, EAp3, EAc2, EAc4, IEQp1, IEQp2 & IEQc1-6.

Page/Reference number(s) of language relating to declaration(s) above:

Complete the following documentation assuming all tenant work has been completed and conforms to the requirements of the tenant sales and/or lease agreement. For required uploads, provide all available documentation pertaining to the Core & Shell project scope and anticipated tenant work.

For spaces where the LEED Core & Shell project scope includes the installation of water fixtures and fittings, use actual water usage rates to document the design case. For spaces where efficiencies of tenant-installed water fixtures and fittings will not exceed the LEED 2009 baseline water usage rates, document the design case using the anticipated water usage rates in those spaces.

FIXTURES AND FIXTURE FITTINGS

Note: Refer to the additional guidance document in the Credit Resources section of LEED Online for more information about documenting compliance with WEp1 and WEc2

Table WEp1-1. Daily Occupancy

Note: For reference only. These values should inform, but not necessarily parallel, the numbers entered in the Table WEp1-2. Fixture Groups Definition.

FTE	Average Transients (Visitors)	Average Retail Customers	Residents	Total
28	113	8	0	149

FIXTURE GROUPS INTRODUCTION

Organize project occupants in a way that best represents fixture usage patterns in the project. Occupants may be grouped together or separated into sub-groups. Usage groups must be derived from daily occupancy data for the project building. Accordingly, all project occupants, as documented in the "Occupant Information" section of PI Form 3, must be represented in the Table WEp1-2. Fixture Groups Definition below. All residential occupants should be represented separately from non-residential occupants.

Table WEp1-2. Fixture Groups Definition

Group Name	Annual Days of Operation	FTE	Transients (Visitors)	Retail Customers	Residents	% Female	% Male		
Water Closets	362	28	112	8	0	50	50	+	-
Urinals	362	28	112	8	0	0	100	+	-
Public Lavs	362	28	112	8	0	50	50	+	-

Briefly describe the inputs in the Table WEp1-2. Fixture Groups Definition. Explain the methodology used to define each fixture group, as well as the derivation of data in each row. Additionally, provide a detailed explanation if the default gender ratio is not used.

The fixture types listed above are those likely to be included within each tenant space.
Additional information to be added when tenant fixture needs are determined.

Table WEp1-3. Flush Fixture Data

Enter flush fixture data for each fixture group defined in the Table WEp1-2. Fixture Groups Definition above. Click "Calculate" in the summary section of the table to perform the water savings calculations. "Calculate" must be clicked after any or all the data is entered in the table to refresh the calculated values and obtain accurate information.

Fixture Groups							Flush Rate (GPF)		Annual Water Consumption (kGal)			
Select	Display	Fixture ID[1]	Fixture Family	Fixture Type	Default	Total Daily Uses [2]	Baseline	Installed[3]	IPC/UPC Baseline	Performance Case		
Water Closet	Water Closet	WC-1	Water Closet	HET, Gravity	☒	91	1.6	1.28	52.71	42.17	+	-
Urinals	Urinals	UR-1	Urinal	High-efficiency	☒	102	1	0.13	36.92	4.8	+	-
Total calculated flush fixture water use annual volume, baseline case (kGal)								89.63				
Total calculated flush fixture water use annual volume, performance case (kGal)								46.97	Calculate			
Percent reduction of water use in flush fixtures (%)								47.6				

Notes:
1 Define a reference name or descriptor that can be used to identify each fixture family/type.
2 May be modified for special circumstances. Deselect the "Default" checkbox to enter modified Total Daily Uses value. Default assumes urinals are installed. Refer to the additional guidance document in the Credit Resources section which includes information about fixture groups that do not include urinals.
3 To account for dual-flush fixtures, enter a weighted average flush rate.

Table WEp1-4. Flow Fixture Data

Enter flow fixture data for each fixture group defined in the Table WEp1-2. Fixture Groups Definition above. Click "Calculate" in the summary section of the table to perform the water savings calculations. "Calculate" must be clicked after any or all the data is entered in the table to refresh the calculated values and obtain accurate information.

Fixture Groups								Flow Rate (GPM / GPC)		Annual Water Consumption (kGal)			
Select	Display	Fixture ID[1]	Fixture Family	Fixture Type	Default	Total Daily Uses[2]	Duration[3] (Secs)	Baseline	Installed[4]	IPC/UPC Baseline	Performance Case		
Public Lav:	Public Lav:	Lav-1	Public Lavatory Faucet	IPC/UPC (Conventional)	☒	142	30	0.5	0.2	12.85	5.14	+	-
Total calculated flow fixture water use annual volume, baseline case (kGal)									12.85				
Total calculated flow fixture water use annual volume, performance case (kGal)									5.14		Calculate		
Percent reduction of water use in flow fixtures (%)									60				

Notes:
1 Define a reference name or descriptor that can be used to identify each fixture family/type.
2 May be modified for special circumstances. Deselect the "Default" checkbox in order to insert the modified Total Daily Uses value.
3 May be modified for special circumstances.
4 For public metering/autocontrol lavatory faucets, convert all flow rates in gallons per minute (GPM) to gallons per cycle (GPC) using a default 12 second duration of flow.

Does the project building include pre-rinse spray valve(s)?

◉ Yes ○ No

Flow rate of the pre-rinse spray valve(s) installed on the project: 1.5 GPM

Note: The flow rate for all pre-rinse spray valves must be less than or equal to 1.6 gpm. If there are multiple fixtures with varying flow rates, insert the highest flow rate.

SUMMARY

Upload WEp1-1. Provide the plumbing fixture and fitting schedule for the project highlighting flush and flow rates for all applicable plumbing fixtures and fittings within the project building.

Upload *Files: 0*

Table WEp1-5. Flush & Flow Fixtures Summary

Total calculated fixture water use annual volume, baseline case (kGal)	102.48
Total calculated fixture water use annual volume, performance case (kGal)	52.11
Percent reduction of water use in all fixtures (%)	49.15

A 20% reduction of water use in fixtures is required to document compliance with WE Prerequisite 1.

ADDITIONAL DETAILS

☐ Special circumstances preclude documentation of credit compliance with the submittal requirements outlined in this form.

☐ The project team is using an alternative compliance approach in lieu of standard submittal paths.

SUMMARY

WE Prerequisite 1: Water Use Reduction - 20% Reduction Compliance Documented: N Check Compliance

Green Power Proposal
Sprouts Grocery Store

12/09/15

Green Power Credit

The LEED® Green Building Rating System™ is vital to the development of environmentally sound, energy efficient buildings and central to creating a robust market for sustainable building products. Green buildings lower operating costs, increase asset value, are more profitable and offer a healthier place to live and work. While the average LEED certified building uses 32% less electricity, even the most energy efficient buildings consume electricity from an energy infrastructure that is detrimental to the environment.[1] Commercial and residential buildings alone account for 80% of the total electricity expenditures and 39% of all CO_2 emissions. [2]

The LEED Energy and Atmosphere Green Power Credit™ allows your project to choose renewable energy and offer an affordable way for LEED projects to achieve points toward certification and contribute significantly to large-scale renewable energy development. By purchasing Renewable Energy Credits (RECs) for LEED projects, builders ensure that the amount of energy their buildings consume is replaced on the electric grid by renewable sources, resulting in a cleaner and more sustainable environment.

[1] U.S. Green Building Council®, "Buildings and Climate Change"
[2] U.S. Department of Energy, "2007 Buildings Energy Data Book"
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About Renewable Choice

Since becoming a U.S. Green Building Council® member in 2003, Renewable Choice has helped certify over 5,000 LEED projects, with a 100% success rate. We have an experienced LEED-accredited staff to help you understand how the LEED Green Power Credit™ can help you achieve your certification. Renewable Choice supports your project by connecting it with impactful environmental projects and delivering unparalleled education outreach initiatives.

Green Power, Crucial to Every Comprehensive Sustainability Strategy

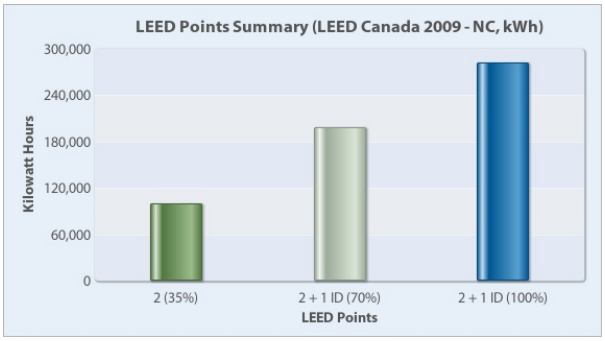
Project Summary

Did you know that renewable energy technologies such as wind, solar, and geothermal account for only 2% of our national electricity grid? With a large and growing number of LEED projects being certified, the green building market is a leader in supporting renewable energy development. LEED green power purchases provide the market-based means to invest in renewable energy technologies and a more sustainable energy infrastructure.

- Voluntary purchases of wind energy in the U.S. represent 50% of all wind sales, making voluntary purchases' impact as critical as state-mandated renewable portfolio standards.[1]
- Non-residential purchases account for nearly 75% of all voluntary renewable energy credit sales in the U.S.[2]
- Achieving a 20% wind contribution to U.S. Electricity supply by 2030 would reduce CO2e emissions by 25%.[3]

[1] American Wind Energy Association
[2] National Renewable Energy Laboratory, "Green Power Market Status"
[3] U.S. Department of Energy Report, "20% Wind Energy by 2030"
[4] Calculation provided by the EPA
[5] Calculation provided by the EPA

Using the data you provided, Sprouts Grocery Store has the opportunity to purchase green power and achieve points toward LEED certification. The figure below illustrates your project's options for LEED points using green power.



The impact of Sprouts Grocery Store's action helps avoid up to 777,619 pounds (353 metric tons) of carbon dioxide emissions from being emitted into the atmosphere. Purchasing 100% green power for the 2 year term has a similar impact as:

9,044 tree seedlings grown for 10 years [4]

74 passenger cars off the road for one year [5]

LEED Client Portfolio

Renewable Choice is proud to work with these outstanding companies to meet their green power needs.

Steelcase, SLOAN, The Weather Channel HD, National's Park, Fred Rogers Center for early learning and children's media, Torrey Pines Institute for Molecular Studies, Miller School of Medicine University of Miami, Masland contract, Starwood Hotels & Resorts Worldwide, Inc.

4775 Walnut Street, Suite 230 . Boulder, CO 80301 . 877.810.8670 . modx.renewablechoice.com

renewable choice ENERGY

Marketing & Outreach

Renewable Choice is committed to helping clients effectively communicate their commitment. We understand that each project has specific goals for extending its green power commitment. Therefore, we offer easy-to-implement outreach and education materials to support a variety of building uses and management scenarios.

With your purchase, Renewable Choice offers the Business Essentials starter kit, ongoing consulting services and access to the Client Resource Center, an online portal of creative materials and communication templates to provide visibility for your project's commitment.

Business Essentials

Every Renewable Choice client receives Business Essentials, a comprehensive kit that provides education and outreach materials. Business Essentials forms the foundation of our commitment to support your project's green power initiatives and communication goals. This robust starter kit contains valuable resources and guidelines to effectively promote your green power commitment. With Business Essentials, you will know what to say about your commitment and how to say it. You will receive:

- **Certificate of commitment**
- **Communication guidelines**
- **Marketplace facts and figures**
- **Web graphics, content & image library**
- **Magnets and window clings**
- **Poster with environmental impacts**

Client Resource Center

Renewable Choice recognizes that the environmental portions of your corporate responsibility initiatives can accomplish more than environmental benefits. They can better connect you with your customers, employees and partners in unique and inspiring ways. To maximize the value of your commitment, we offer the Client Resource Center, an online portal of our award-winning marketing and communication resources. Easy to navigate and available 24/7, our Client Resource Center provides information about your purchase, customizable resources to communicate your commitment and ideas on what others are doing to successfully message their investment.

Here are a few examples of available resources:

- **Graphical elements including logos, promotional marks & clean-tech imagery**
- **Messaging solutions developed for target audiences including consumers, business clients, employees & the general public**
- **Turnkey communication and outreach materials for your events/tradeshows, employees & website**
- **Industry-specific messaging and creative templates including posters, postcards, emails & more**
- **Press release templates, tips, talking points & FAQs**

Pricing

Renewable Choice clients receive the highest quality renewable energy and a number of additional benefits with their purchase. These include access to the Client Resource Center outlined above. All clients also receive Business Essentials, our industry-leading consultation and starter kit. Custom pricing for Sprouts Grocery Store is provided below:

LEED for Retail 2009 - NC EA Credit 6: Green Power

Electricity Consumption	kWh	Unit Price (USD) (Clean Source)	Total Price
70% of total usage for 2 years (3 points)	486,507	$0.001210 / kWh	$588.67

Terms and Conditions

1. Pricing expires 15 days from the date of this proposal.
2. Invoices will be submitted based on agreed upon purchase terms.
3. Payment due upon receipt of invoice.

Electricity

American Wind and Clean Source are Green-e® Energy certified renewable energy credits.

The Green-e® Energy logo helps consumers easily identify environmentally friendly superior renewable energy options. For more information on Green-e® Energy certification requirements, call 1-888-63-GREEN or log on to www.green-e.org.

Contact & Resources

For information about Renewable Choice Energy and our unique offerings, visit our website. To learn about Renewable Choice and how we can help you with your LEED certification, contact Boone Jones at (303) 551-7600 or email bjones@renewablechoice.com.

Green Power Proposal

Parcel B Multi-Tenant Retail 12/09/15

Green Power Credit

The LEED® Green Building Rating System™ is vital to the development of environmentally sound, energy efficient buildings and central to creating a robust market for sustainable building products. Green buildings lower operating costs, increase asset value, are more profitable and offer a healthier place to live and work. While the average LEED certified building uses 32% less electricity, even the most energy efficient buildings consume electricity from an energy infrastructure that is detrimental to the environment.[1] Commercial and residential buildings alone account for 80% of the total electricity expenditures and 39% of all CO_2 emissions. [2]

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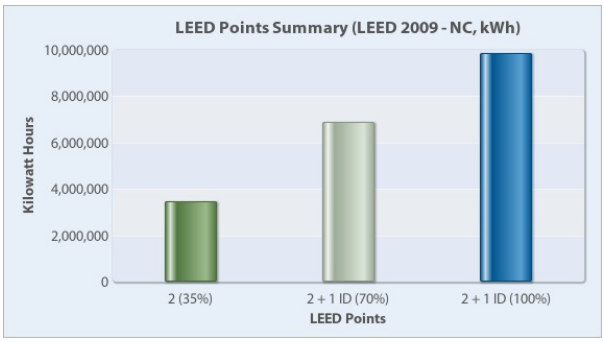
[4] Calculation provided by the EPA
[5] Calculation provided by the EPA

Using the data you provided, Parcel B Multi-Tenant Retail has the opportunity to purchase green power and achieve points toward LEED certification. The figure below illustrates your project's options for LEED points using green power.



The impact of Parcel B Multi-Tenant Retail's action helps avoid up to 321,113 pounds (146 metric tons) of carbon dioxide emissions from being emitted into the atmosphere. Purchasing 100% green power for the 2 year term has a similar impact as:

3,735 tree seedlings grown for 10 years [4]

31 passenger cars off the road for one year [5]

LEED Client Portfolio

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Steelcase, SLOAN, The Weather Channel HD, National's Park, Fred Rogers Center for early learning and children's media, Torrey Pines Institute for Molecular Studies, Miller School of Medicine University of Miami, Masland contract, Starwood Hotels & Resorts Worldwide, Inc.

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LEED 2009 - C&S EA Credit 6: Green Power (15% of building total)

Electricity Consumption	kWh	Unit Price (USD) (Clean Source)	Total Price
70% of total usage for 2 years (2 points and 1 ID credit for exemplary performance)	200,900	$0.001210 / kWh	$243.09

Terms and Conditions

1. Pricing expires 15 days from the date of this proposal.
2. Invoices will be submitted based on agreed upon purchase terms.
3. Payment due upon receipt of invoice.

Electricity

American Wind and Clean Source are Green-e® Energy certified renewable energy credits.

The Green-e® Energy logo helps consumers easily identify environmentally friendly superior renewable energy options. For more information on Green-e® Energy certification requirements, call 1-888-63-GREEN or log on to www.green-e.org.

Contact & Resources

For information about Renewable Choice Energy and our unique offerings, visit our website. To learn about Renewable Choice and how we can help you with your LEED certification, contact Boone Jones at (303) 551-7600 or email bjones@renewablechoice.com.