



LEED v4 BD+C: New Construction

Project Checklist GOAL: SILVER

Crocker Elementary School

10-Oct-22

VIRIDIS
SUSTAINABLE BUILDING
CONSULTANCY LLC

Y	?	N	C			Requirements	LEED Required Documentation	Responsibility
Sustainable Sites								
Y			C	Prereq SSp1	Construction Activity Pollution Prevention	Required Create and implement an erosion and sedimentation control plan for all construction activities associated with the project. The plan must conform to the erosion and sedimentation requirements of the 2012 U.S. Environmental Protection Agency (EPA) Construction General Permit (CGP) or local equivalent, whichever is more stringent. Projects must apply the CGP regardless of size. The plan must describe the measures implemented.	Description of compliance with EPA CGP. Comparison of local standards and codes with EPA CGP. Description of how project complies with local standards and code. Drawings depicting erosion and sedimentation control measures implemented. Written declaration from general contractor or builder who implemented plan. Date-stamped photos. A description of plan implementation.	Civil Engineer/Contractor
5 1 2 Materials and Resources 8								
Y			C	Prereq MRp2	Construction and Demolition Waste Management Planning	Required Develop and implement a construction and demolition waste management plan: Establish waste diversion goals for the project by identifying at least five materials (both structural and non structural) targeted for diversion. Approximate a percentage of the overall project waste that these materials represent. Specify whether the materials will be separated or commingled and describe the diversion strategies planned for the project. Describe where the material will be taken and how the recycling facility will process the material. Provide a final report detailing all major waste streams generated including disposal and diversion rates. Alternative daily cover does NOT qualify as material diverted from disposal. Land clearing debris is NOT considered construction, demolition, or renovation waste that can contribute to waste diversion.	Construction waste management plan with estimated recycling waste in tons.	Contractor
1	1	1	C	Credit MRc2	Building Product Disclosure and Optimization - Environmental Product Declarations	2 Use at least 20 different permanently installed products sourced from at least five different manufacturers that meet EPD requirements. Option 2 multi-attribute optimization - use products for 50% of cost that demonstrate impact reduction below industry average. Goal of 40 for Exemplary Performance and an additional	MR building product disclosure and optimization calculator or equivalent tracking tool. EPD and LCA reports for 100% of products contributing toward credit.	saam/Viridis/Contractor
1	1	1	C	Credit MRc3	Building Product Disclosure and Optimization - Sourcing of Raw Materials	2 Option 2 Use products that meet at least one of the responsible extraction criteria for at least 25% by cost for take back program, bio based materials FSC wood materials reuse recycled content.	MR building product disclosure and optimization calculator, corporate sustainability reports for 100% of products contributing toward credit documentation of product claims for credit requirements. Recycled content of products. Evidence of take back programs.	saam/Viridis/Contractor
1	1	1	C	Credit MRc4	Building Product Disclosure and Optimization - Material Ingredients	2 Option 1. Use at least 20 different products from at least five different manufacturers that have demonstrated the chemical inventory of the product to at least .1% (1000 ppm). Goal of 40 for Exemplary Performance and an additional point.	MR building product disclosure and optimization calculator. Documentation of chemical inventory (HPD). Verification of Cradle to Cradle certification labels. Documentation of supply chain optimization.	saam/Viridis/Contractor
2			C	Credit MRc5	Construction and Demolition Waste Management	2 Recycle and/or salvage non hazardous construction and demolition materials by weight or volume. 75% and four material streams - 2 point.	MR construction and demolition waste management calculator, tracking total and diverted waste amounts and material streams. Documentation of recycling rates for commingled facilities.	saam/Viridis/Contractor
3 3 0 Indoor Environmental Quality 6								
Y			D	Prereq EQp2	Environmental Tobacco Smoke Control	Required Prohibit smoking by all occupants and users both inside and outside the building except in designated smoking areas. Post signage within 10 feet of all building entrances.	Description of projects no smoking policy including how policy is communicated to building occupants and enforced. Copy of no-smoking policy, signed letter from owner describing project's no-smoking policy and enforcement. Scaled site plan showing location of designated outdoor smoking and non smoking areas location of property line and site boundary and indicating 25 foot distance from building openings. Drawings photos or other evidence of signage communicating no smoking policy. Any code restrictions that prevent establishment of no smoking requirements.	Contractor/saam/Owner
2	1		C	Credit EQc2	Low-Emitting Materials	3 Achieve threshold level of compliance for VOC's for categories listed: Interior paints and coatings, interior adhesives and sealants, flooring, composite wood, ceilings walls thermal and acoustic insulation, furniture. Option 2 use budget calculation method rather than threshold. 2 categories = 1 pt, 4=2pt, 5=3pt	USGBC low emitting materials calculator. Product Information.	Contractor, saam/Viridis
1			C	Credit EQc3	Construction Indoor Air Quality Management Plan	1 Develop and implement an indoor air quality management plan for the construction and preoccupancy phases of the building. SMACNA IAQ Guidelines. Protect absorbent materials stored onsite and installed from moisture damage. Do not operate permanently installed air handling unless MERV8 filters with no bypass. Before occupancy replace filtration. Prohibit tobacco products.	IAQ management plan or detailed checklist highlighting non smoking policy. Narrative describing protection measure for absorbent materials. Annotated photographs of each IAQ measure. Record of filtration media.	Contractor, saam/Viridis
2			C	Credit EQc4	Indoor Air Quality Assessment	2 Install new filtration media and perform a building flushout out. Option 1 14,000 cubic feet per sf of gross floor area with 60-80 degrees and humidity no higher than 60%. Path 2 deliver 3,500 cf per sf before occupancy and continue flushout. Option 2 Air Testing 2 pts.	Flush out plan and report or IAQ testing report.	Contractor/engineer