

# Sustainable SITES

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## Documentation Support

### Partnering for a Better Future

Promoting the wellbeing of the planet is a dedication to continuous improvement that we share with our customers. Through thoughtful practices, a proud collaborative legacy, and the shared spirit of stewardship, we strive to connect people to nature in meaningful ways, more sustainably. In pursuit of this goal, fostering strong partnerships is the key to amplifying our positive influence, bringing about real, impactful change on a systems-wide scale and working together toward a better future for everyone.

As a SITES® Community Partner, Landscape Forms is committed to prioritizing the ecologically resilient, high-performance and treasured outdoor spaces that SITES projects create in communities across the country. We strive to strengthen the benefits of ecosystem services and continually work to limit our impacts through green business practices. And now, we're expanding our impact by providing leading support for our partners in their pursuit of a SITES certification.

### We Can Help

Our products may help achieve points towards credits under the [SITES Rating System V2](#). Under the following credits, documentation needs to be submitted, and the support documents that may be required are outlined below each credit. As every project and site has unique characteristics and needs, the project team is responsible for consulting the rating system and reference guide for specific requirements and confirming eligibility.

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## SITES Specification and Documentation Guide

### SOIL+VEG C4.9: REDUCE URBAN HEAT ISLAND EFFECTS

#### Intent

Minimize effects on microclimate and human and wildlife habitat by using vegetation and reflective materials to reduce heat island effects.

#### Specifying for C4.9

This credit applies to finish reflectivity of permanently installed shelters and sun-shades. Our finishes have been tested for Solar Reflective Index per ASTM E903, with white, silver and mercury finishes having an SR value at installation of at least .33. Contact your representative for SR and SRI values of finishes. Finishes should be properly maintained and cleaned periodically to retain solar reflectance characteristics.

#### Available Documents

Order submittals showing material selection and Care & Maintenance guide.

### MATERIALS P5.1 ELIMINATE THE USE OF WOOD FROM THREATENED TREE SPECIES

#### Intent

Minimize negative effects on ecosystems by purchasing wood products extracted only from non-threatened tree species.

#### Specifying for P5.1

Select Jarrah or Domestically Sourced Thermally Modified wood from the standard range, or specify FSC-Certified Ipe, available as a special.

#### Available Documents

Order Agreement showing wood material selection for each product; Environmental Statement page 4, which outlines sustainable wood sourcing policies; and Wood Tech sheet with supply notes for each available species. If Ipe is specified, also see Landscape Forms FSC CoC certification specific to the project.

### MATERIALS C5.3 DESIGN FOR ADAPTABILITY AND DISASSEMBLY

#### Intent

Minimize materials use and waste flows over the life cycle of site design projects by increasing the efficient use of materials at construction, facilitating flexibility and adaptation, and increasing the reuse and recycling of materials resulting from renovation and demolition.

#### Specifying for C5.3

Every Landscape Forms product is designed with serviceability in mind, and we provide replacement parts to extend the life of products as needed. We avoid the unnecessary use of adhesives, and products that are powdercoated can be recycled just as uncoated metals. To disassemble for adaptation or disposal, simply remove all fasteners and separate the constituent parts. For questions regarding material composition and recyclability, contact our customer service team.

#### Available Documents

See Warranty and Care & Maintenance Guide for recommended maintenance practices. Reference assembly instructions available on the product page for disassembly. Contact your representative for information on replacement parts.

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### MATERIALS C5.5 USE RECYCLED CONTENT MATERIALS

#### Intent

Reduce the consumption of virgin materials and avoid landfilling useful materials by purchasing products with recycled content.

#### Specifying for C5.5

Select materials that contain recycled content, such as those made with HDPE, Polysite, aluminum, or steel. Within the Landscape Forms product line, 100% of products launched in and after 2022 incorporate pre-consumer and post-consumer recycled content.

#### Available Documents

To document this credit, the project team will utilize the Materials Worksheet to list all purchased materials, their costs, and their post-and pre-consumer recycled content. Data for input into the materials worksheet is available in Landscape Forms' Order Acknowledgement and standard product information. Product weights can be found on the Product Data Sheets, cost is found on the Order Acknowledgement, and percent Pre-Consumer and Post-Consumer recycled content can be found on the Sustainability Sheet. If a specific composition or weight needed is missing in the standard documentation, contact customer service for the additional information.

### MATERIALS C5.6 USE REGIONAL MATERIALS

#### Intent

Reduce energy use for transportation; increase demand for regional materials, plants, and soils; and promote regional identity by supporting the use of local resources.

#### Specifying for C5.6

For projects located within 500 miles of our manufacturing facilities in Michigan and Arizona, enter product costs and composition percentage into materials worksheet to calculate contribution to the regional value.

#### Available Documents

To document this credit, the project team will utilize the Materials Worksheet to list purchased materials, their costs, and the manufacturer. Order Acknowledgements can be referenced for product cost. Your business development representative and our customer service team can confirm which products are produced at each facility. If a product is not produced entirely at one location in the standard process, inquire about the ability to produce locally for your project.

### MATERIALS C5.7 SUPPORT RESPONSIBLE EXTRACTION OF RAW MATERIALS

#### Intent

Protect ecosystems, respect cultural and community values, and improve land use through responsible extraction of raw materials for site design and construction.

#### Specifying for C5.7

Landscape Forms gladly welcomes advocacy letters and will provide a letter of receipt. Policies for extraction of each raw material we utilize are outlined in the Environmental Statement. In criteria for Bio-Based materials, Landscape Forms commits to never using illegally harvested wood and has held FSC® (Forest Stewardship Council®) Chain of Custody certification (FSC-C008569) since 2004. In mined materials, metal suppliers are majority domestic, within 150 miles of our facility, and audited annually. Your business development representative can work with you to confirm which products are available in which materials, and which have mill certificates or other certifications available.

#### Available Documents

To document this credit, the project team will utilize the Materials Worksheet to list purchased materials, their costs, and the manufacturer. The Order Acknowledgement can be utilized to obtain worksheet inputs. Refer to Environmental Statement Page 8, Supply Chain section for metal supplier auditing policy.

### MATERIALS C5.8 SUPPORT TRANSPARENCY AND SAFER CHEMISTRY

#### Intent

Decrease harmful health and environmental impacts and encourage the use of safer alternatives by promoting the use of materials with available chemical inventories, life-cycle information, and hazard assessments.

#### Specifying for C5.8

Landscape Forms gladly welcomes advocacy letters and will provide a letter of receipt. In accordance with our Sustainability Principles, we commit to providing a safe and healthy work environment for all our team members, we consider the complete life cycle of the products we produce, and we respect the needs of future generations. As such, we avoid the use of harmful chemicals in our product makeup and in our processes to the greatest extent possible. Metal products with a coating are finished with Pangard II® polyester powdercoat, which is free of lead, free of hazardous air pollutants (HAPs), does not generate hazardous waste, and contains less than 1% of volatile organic compounds (VOCs). Once processed these trace VOCs are fully inert and therefore cause no emission into the environment.

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### Available Documents

On a project-by-project basis, we can provide full product composition, Safety Data Sheets, and confirmation that no Red List chemicals are present in products specified. Contact your business development representative to submit a request.

### MATERIALS C5.9 SUPPORT SUSTAINABILITY IN MATERIALS MANUFACTURING

#### Intent

Support sustainability in materials manufacturing by specifying and using materials from manufacturers whose practices increase energy efficiency, reduce resource consumption and waste, and minimize negative effects on human health and the environment.

#### Specifying of C5.9

Landscape Forms gladly welcomes advocacy letters and will provide a letter of receipt. Guided by our Sustainability Principles, and the stated purpose to “Enrich Outdoor Spaces,” becoming ever more sustainable is part and parcel of what we do. Landscape Forms actively seeks ways to limit the environmental impacts of our manufacturing, packaging, shipping and administrative processes. We employ recycled materials and produce products with a focus on durability and longevity, many of which are themselves recyclable. We implement energy efficient building solutions and specify sustainable products in our facility. We work to reduce waste and to increase the amount of waste diverted from landfill every year, resulting in 87% diversion rate in 2022 and a significant increase from the decade prior. We’ve measured the carbon impacts of our various materials and processes through a critically reviewed Life Cycle Analysis. In these efforts, we address our customers’ expectations for high-design, high-quality products while also addressing all our stakeholders’ commitments to sustainability and the natural environment.

#### Available Documents

Refer to Landscape Forms’ Environmental Statement, Annual Sustainability Report 2022, and Verified Life Cycle Analysis Report.

### HHWB C6.8 REDUCE LIGHT POLLUTION

#### Intent

Minimize negative effects on nocturnal environments and human health and functioning, reduce sky-glow, and increase nighttime visibility by reducing light trespass on site.

#### Specifying for HHWB C6.8

Landscape Forms is a pioneer in human-centric, ecologically

appropriate lighting for pedestrian spaces. For more than a decade we have focused product and technology development in areas of appropriate color temperature for nighttime illumination, glare reduction and vertical illumination. Many of our lighting fixtures are compliant with the standards of the International Dark-Sky Association and are certified as being Dark Sky Friendly. LEDs provide focused light with no waste or “spill.” Due to the directional nature of LED light, it is easier to direct light where it is needed, avoiding light pollution, trespass and ensuring high efficiency. On the Lighting Product Page of our website, fixtures that are Dark-Sky Friendly without modification are annotated with a small red “D”.

#### Available Documents

Product Data Sheets containing Lighting Facts™ Labels and BUG Ratings can be found on each lighting product page on our website. Photometric Plans can be developed for your project by our team as needed. For any fixture not currently designated as Dark Sky Friendly, or for additional shielding and color temperature options, please contact your representative.

### HHWB C6.11 SUPPORT LOCAL ECONOMY

#### Intent

Provide economic and social benefits to the local community during site construction by providing employment opportunities and purchasing local materials and services.

#### Specifying for C6.11

If your project site is located in the Landscape Forms neighborhood, we would be honored to partner with you as a locally owned and operated business.

#### Available Documents

Contact customer service for our location details within the Kalamazoo, MI area.

### O+M P8.1 PLAN FOR SUSTAINABLE SITE MAINTENANCE

#### Intent

Ensure long-term site sustainability by developing a site maintenance plan outlining the project’s strategies and required implementation tasks.

#### Specifying for O+M P8.1

Our products are designed and engineered to withstand the rigors of natural environment and heavy use to live long, successful lives in outdoor landscapes. The durability, longevity and low maintenance of our products is instrumental to the responsible stewardship of

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the earth's resources. Our gold standard warranty guarantees the materials, the construction and the long-term care of all our products. Our products are designed for serviceability. Should the need to service your items arise, we offer the replacement parts you'll need to ensure the longest possible life.

### Available Documents

Our Warranty and Care & Maintenance Guide are available in the resources section of our website. General guidelines for light maintenance to extend functionality and extended use are included for each material in the guide. Minimal maintenance activities are expected, but damage should be repaired, especially to extend the life of finishes. Normal replacement cycle is expected to exceed the long-term Site Maintenance plan term given normal use and general maintenance practices are followed. Many products will be candidates to be refurbished to like new condition when they've reached the end of their useful life. For replacement parts or refurbishment guidance, contact your representative.

### O+M P8.2 PROVIDE FOR STORAGE AND COLLECTION OF RECYCLABLES

#### Intent

Facilitate recycling and reduce waste generation and disposal in landfills by providing space for recyclable materials collection in outdoor areas.

#### Specifying for O+M P8.2

A waste stream study will be utilized to estimate the amount of recyclable materials generated in outdoor areas, including Paper, Glass, Plastics and Metals. Landscape Forms provides a variety of recycling containers to meet the needs of diverse recycling programs. Products with standard accommodations, such as varying opening sizes, dual-sided use, and signage, are delineated on the Litters and Recycling page on our website. As always, modifications to the standard product line may be possible to fit the unique circumstances of the project, contact your representative for further information.

#### Available Documents

Order Acknowledgements, Product Submittals, and Product Data Sheets can be used to confirm the selected features and container capacity.

### O+M C8.5 REDUCE OUTDOOR ENERGY CONSUMPTION

#### Intent

Reduce greenhouse gas emissions by minimizing energy consumption and costs associated with site use and operations.

### Specifying for O+M C8.5

Landscape Forms collaborates with award-winning lighting consultants to develop innovative solutions for new lighting products, centered around delivering appropriate lighting levels using high efficiency LED technology. Our commitment to efficiency (energy, design and materials) is consistent with our goal to address the needs of our customers while honoring our pledge of environmental sustainability. We currently offer high efficiency LED lighting options in transit shelters, pedestrian & pathway lighting, streetscape lighting and bollards for pathway demarcation and wayfinding. LEDs are at the forefront of developments in energy efficient lighting technology. Featuring real world operating lifespan of 100,000+ hours, typically calculated as the time it takes for the output LED technology also features an inherent resistance to failure, allowing for a very long operating life, meaning fewer unscheduled maintenance events, and much longer scheduled maintenance cycles. LEDs are extremely energy efficient. Today's high-performance LED's produce @90 lumens per watt (90 lm/W) in comparison to @15 lm/W for conventional 60-100-watt incandescent bulbs. Using LED technology can help reduce excessive energy use to assist in obtaining this credit.

#### Available Documents

Lighting Product Specification Sheets contain Performance Data tables detailing Lumen Output and Watts for each model.

### O+M P8.6 USE RENEWABLE SOURCES FOR LANDSCAPE ENERGY NEEDS

#### Intent

Reduce greenhouse gas emissions associated with site operations and minimize air pollution, habitat destruction, and pollution from fossil fuel-based energy production by supporting a renewable energy market.

#### Specifying for O+M P8.6

We offer LED lighting and Transit Shelters with solar-powered options. Solar-powered smart technology bollards and Connect and Kaleidoscope transit shelters utilize renewable energy and save on wiring installation costs, are an ideal solution for remote areas disconnected from wiring infrastructure and locations where security or emergency preparedness mandate uninterrupted lighting in case of grid failure.

#### Available Documentation

See Order Acknowledgement, Product Data, and Specification Guide for details on solar product selection.

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### INNOVATION C10.1 PILOT CREDIT 3 ASSESS AND IMPROVE SITE CARBON PERFORMANCE

#### Intent

To understand and improve a site's carbon performance by assessing and increasing carbon sequestration capacity and reducing embodied and operational carbon.

#### Specifying for Pilot Credit 3

In 2022, in collaboration with SCS Global Services, Landscape Forms completed a comprehensive Life-Cycle Analysis (LCA) of the embodied carbon impacts for select products within our family of brands. Following the requirements of ISO 14067, this project examined the carbon footprint of every product stage, including upstream materials, core manufacturing, packaging, transport, use, maintenance, and disposal at end of life. This Life Cycle Analysis is publicly available as part of our commitment to transparency and furthering sustainable practices industry wide. We encourage partners to utilize this resource to understand carbon impacts on their projects.

#### Available Documentation

See Landscape Forms' 2023 Carbon Footprint of Outdoor Furniture, according to ISO 14067:2018, prepared by SCS Global Services and Third-Party Verified.

#### For More Information

Didn't find what you were looking for? Contact your Landscape Forms representative to learn more and request additional documentation as needed. You can also visit the Sustainable SITES Initiative website at [sustainablesites.org](https://sustainablesites.org). Creating the best outdoor spaces while realizing a better future for everyone is only possible through what we do together. We want to work with you to make your best aspirations possible.

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