

# GUIDING PRINCIPLES CHECKLIST

## LEED v4 for New Construction and Major Renovations

### Introduction:

The attached LEED v4 for New Construction and Major Renovations (LEED-NC) points are mandatory for a project to be considered sustainable per the *Federal Guiding Principles for High Performance Sustainable Buildings*.

### Application:

- *Major Construction and Renovation (\$10 million or higher)*: Checklist must be completed and provided to the VA project manager at every design submission and reported after the certification is awarded (post-construction). LEED certification is also required.
- *Minor Construction and Renovation (less than \$10 million)*: Checklist must be completed and provided to the VA project manager at every design submission and reported after post-construction. Verification by a LEED Accredited Professional is required. LEED certification is optional.

### Completion:

The checklist may be completed by the contracted project team, but must be verified by the VA Project Manager. The signed version must be retained in the project record.

### Reporting:

A copy of this checklist, signed by the VA Project Manager, must be submitted to:

- *Major Construction*: Facilities Standards Service (OCFM), [SustainableDesign@va.gov](mailto:SustainableDesign@va.gov), not later than December 1 of the calendar year in which VA received the third-party certification.
- *Minor Construction*: VA Office of Asset Enterprise Management, [GreenVA@va.gov](mailto:GreenVA@va.gov), not later than December 1 of the calendar year of end of construction.

### **VERIFICATION** – check one

- The project is certified under LEED v4 for New Construction and Major Renovations and has achieved the points and thresholds indicated in the following table.
- In my professional opinion, the project has met all credit and threshold requirements indicated in the following table.

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PRINTED NAME:

DATE

VA PROJECT MANAGER TITLE:

VA PROJECT MANAGER EMAIL:

VA PROJECT MANAGER PHONE NUMBER:

PROJECT TITLE: \_\_\_\_\_

FACILITY NAME: \_\_\_\_\_

LEED-NC Credit	Description	Guiding Principle
<b>Integrative Process</b>		
None Required		-
<b>Location and Transportation</b>		
None Required		-
<b>Sustainable Sites</b>		
<input type="checkbox"/> Rainwater management		III.B.2
<b>Water Efficiency</b>		
<input type="checkbox"/> Outdoor water use reduction (select one option below)		III.B.1
<input type="checkbox"/> Option 1. No irrigation required		
<input type="checkbox"/> Option 2. Reduced irrigation 50%		
<input type="checkbox"/> Option 2. Reduced irrigation 100%		
<input type="checkbox"/> Indoor water use reduction (prerequisite 20% minimum)		III.A and III.D
<b>Energy and Atmosphere</b>		
<input type="checkbox"/> Fundamental Commissioning of Building Energy Systems		I.B and II.C
<input type="checkbox"/> Minimum energy performance		II.A.2
<input type="checkbox"/> Building-level energy metering		II.D
<input type="checkbox"/> Fundamental refrigerant management		V.E
<input type="checkbox"/> Enhanced commissioning (option 1)		I.B
<input type="checkbox"/> Renewable energy production (VA requirement is 10% renewable electric and 30% solar hot water)		II.B
<input type="checkbox"/> Enhanced refrigerant management		V.E
<b>Materials and Resources</b>		
<input type="checkbox"/> Storage and collection of recyclables		V.D
<input type="checkbox"/> Construction and demolition waste management (select one option below)		V.D
<input type="checkbox"/> divert 50% and three material streams		
<input type="checkbox"/> divert 75% and four material streams		

## Indoor Environmental Quality

- |  |      |
|--|------|
| <input type="checkbox"/> Minimum indoor air quality performance                                | IV.A |
| <input type="checkbox"/> Environmental tobacco smoke control                                   | IV.F |
| <input type="checkbox"/> Low-emitting materials: (maximum points; select all of the following) | IV.D |
| <input type="checkbox"/> Interior paints and coatings  |      |
| <input type="checkbox"/> Interior adhesives and sealants                                       |      |
| <input type="checkbox"/> Flooring  |      |
| <input type="checkbox"/> Composite wood  |      |
| <input type="checkbox"/> Ceilings, walls, thermal, and acoustic insulation                     |      |
| <input type="checkbox"/> Furniture   |      |
| <input type="checkbox"/> Construction indoor air quality management plan                       | IV.E |
| <input type="checkbox"/> Indoor air quality assessment (option 1: flush out)                   | IV.E |
| <input type="checkbox"/> Daylight (any option, 75%)  | IV.C |