

NAVFAC HIGH PERFORMANCE AND SUSTAINABLE BUILDING CHECKLIST -- ATTAINED

PROJECT INFORMATION

Work Order No.: _____ FY _____ MILCON P No. / Customer Reference No.: _____
Project Title: _____
Location UIC/Name: _____
NAVFAC Project Manager: _____ Project Design Level: _____
Facility Area: _____ U/M: _____ Category Code: _____ Facility #: _____
AE Contract # & T.O. _____ AE Firm Sustainability Coordinator: _____
AE Firm Name: _____
Project Phase: *Construction Complete (Final)*
Construction Contract & T.O. _____ Award Date (A): _____ BOD (A): _____
Construction Contractor: _____
Contractor's Sustainability Coordinator: _____

SUSTAINABILITY DATA - GUIDING PRINCIPLES for SUSTAINABLE DEVELOPMENT

Use this form to collect Construction Attained information to be recorded on the Sustainable and Energy Tab in eProjects

- NOTE:** 1. When an element is marked "Yes" on "Goals" form, it is a contract requirement.
2. If that element was not achieved at project completion, mark "Not Attained" and include a justification in the "Not attained reason" field.
3. Mark "N/A" with justification(s) only when the element was also marked "N/A" on the "Goals" form.
4. If project is for more than one building for which tracking is required, complete a separate form for each building.

PRELIMINARY PROJECT INFORMATION

- 1 How many buildings are included in this project? _____
- 2 Does this project include at least one building that meets one of the following conditions:
New building or stand-alone addition greater than or equal to 10,000 GSF? Yes _____ No _____
- 3 Identify the building to be tracked in this tab: _____

AS CONSTRUCTED - DOCUMENTATION OF COMPLIANCE WITH GUIDING PRINCIPLES

I. Employ Integrated Design Principles

1 Integrated Design

Attained In Compliance _____ Yes _____ N/A _____ Not Attained _____
N/A due to _____
_____ Mission preclusion _____ Building/site issue
_____ Not LCCE _____ Renovation only: not part of scope
_____ Installation/region issue _____

Not attained reason

2 Commissioning

Attained In Compliance _____ Yes _____ N/A _____ Not Attained _____
N/A due to _____
_____ Mission preclusion _____ Building/site issue
_____ Not LCCE _____ Renovation only: not part of scope
_____ Installation/region issue _____

Not attained reason

(i) Systems commissioned

II. Optimize Energy Performance

3. Energy Efficiency

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

(i) Energy Savings Below Baseline %

(ii) Energy Standard

☐ ASHRAE 90.1-2019

☐ IECC 2021
☐ OTHER:

C. Energy Efficient Products

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

4. Renewable Energy

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

A. Renewable energy technology types

☐ Geothermal ☐ Daylighting (quantified passive)
☐ Ground Source Heat Pumps ☐ Mechanical (i.e., direct water pumping)
☐ Solar Photovoltaic ☐ Micro-hydro
☐ Solar Thermal - domestic hot water ☐ Concentrating (sterling)
☐ Solar Thermal - space conditioning ☐ Wind

(i) Annual % of total load

(ii) System size (kwatts)

B. Solar Hot Water Percentage - 30% target

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

(i) Annual % of total load

(ii) System size (kBtu/Year)

5. Meter (Energy)

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

6. Energy Use Intensity kBTU/Sq Ft/Year

(i) Total Design Energy Use Intensity (EUI): kBTU/Sq Ft/Year _____

III. Protect and Conserve Water

7. Indoor Water Use

A. Water-Efficient Products

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

(i) Total Design Indoor Water Use Intensity (WUI): Gallons/Sq Ft/Year _____

B. Indoor Water Meter

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

8. Outdoor Water Use

A. Outdoor Water Meter (for 25,000 SF of irrigation)

(i) Is there a permanent irrigation system serving more than 25,000 SF of landscaping?
_____ Yes _____ No

(ii) Water Meter

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

B. Water-efficient landscape

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

9. Alternative Water Use

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

Methods Used:

☐ Air Handler Condensate Capture ☐ Reclaimed Water
☐ Grey Water ☐ Treated Wastewater
☐ Harvested Rainwater ☐ OTHER:

10. Stormwater Management - update the LID Data tab

IV. Enhance Indoor Environmental Quality

11. Ventilation and Thermal Comfort

A. Ventilation

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

B. Thermal Comfort

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

12. Daylighting and Lighting Controls

A. Daylight

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

B. Automatic dimming controls

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

13. Indoor Air Quality

A. Moisture Control

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

B. Low-Emitting Materials

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

C. Indoor Air Quality during Construction

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

14. Occupant Health and Wellness

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

V. Reduce the Environmental Impact of Materials

15. Material Content and Performance

A. Resource Conservation and Recovery Act (RCRA) Section 6002 (recycled content)

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

B. Farm Security and Rural Investment Act (FSRIA) section 9002 (Biobased content)

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

16. Waste Management

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
 N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

17. Waste Diversion - 60% target

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
 N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

(i) Percent diverted

VI. Assess and Consider Climate Change Risks

18. Address Climate Change Risk

Attained In Compliance ☐ Yes ☐ N/A ☐ Not Attained
 N/A due to
☐ Mission preclusion ☐ Building/site issue
☐ Not LCCE ☐ Renovation only: not part of scope
☐ Installation/region issue

Not attained reason

THIRD PARTY CERTIFICATION INFORMATION

Is this building pursuing Third Party Certification? Yes No

Reason not included

Sustainability Third Party Certification Rating

Third Party Certification Rating System and Level

<input type="checkbox"/> USGBC LEED Certified	<input type="checkbox"/> GBI Green Globes 1 Globe
<input type="checkbox"/> USGBC LEED Silver	<input type="checkbox"/> GBI Green Globes 2 Globe
<input type="checkbox"/> USGBC LEED Gold	<input type="checkbox"/> GBI Green Globes 3 Globe
<input type="checkbox"/> USGBC LEED Platinum	<input type="checkbox"/> GBI Green Globes 4 Globe
<input type="checkbox"/> USGBC "Guiding Principles Assessment"	<input type="checkbox"/> GBI "Guiding Principles Compliance"
<input type="checkbox"/> OTHER	

i. Third Party Certification Rating system - Other