

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 90.1-2013 (06NOV16+) IECC
 ASHRAE 90.1-2016 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

- USGBC LEED Certified GBI Green Globes 1 Globe
USGBC LEED Silver GBI Green Globes 2 Globe
USGBC LEED Gold GBI Green Globes 3 Globe
USGBC LEED Platinum GBI Green Globes 4 Globe
USGBC "Guiding Principles Assessment" GBI "Guiding Principles Compliance"
OTHER

i. Third Party Certification Rating system - Other []