OHIO Green Building Standards Checklist Version 1.0 (May 2023)

During schematic design, a consultation must occur with the Director of Energy Management and the Director of Sustainability to determine which criteria apply for the project. For additional information, refer to OHIO Design and Construction Standards and OHIO Sustainability and Climate Action Plan. Return the partially completed checklist to the Director of Energy Management and the Director of Sustainability at the end of DD and again fully completed prior to project closeout.

General information:

_____Building gross square footage
_____Project area square footage
_____Square footage of brownfield site redeveloped
_____Square footage of hazardous materials remediated
_____Building occupancy
_____Building operating hours (as modeled)

ENERGY REDUCTION

☐ **EUI reduction**
Provide design and baseline EUIs
_____Design EUI (kBtu/sq ft/yr)
_____Baseline* EUI (kBtu/sq ft/yr)

*For an existing building, the previous performance dictates the baseline, otherwise it is dictated by ASHRAE 90.1 2016 (see details below)

☐ **Renewables**
Provide simple payback analysis for project renewable energy vs. fossil fuel energy to Director of Energy Management
_____Cost of Renewable Infrastructure
_____Savings/month from Renewables
_____Cost of Fossil Fuel Infrastructure
_____Cost/month for Fossil Fuels
_____Payback period (in years)

☐ **Night Sky Light Pollution Reduction**
Verify that lamp design has shielding by attaching cutsheet to this checklist

WATER REDUCTION

☐ **Building water usage**
Provide design and baseline water usage.
_____Design usage (kgal/yr)
_____Baseline* usage (kgal/yr)
* For an existing building, the previous performance dictates the baseline, otherwise it is dictated by LEED criteria (see below)

☐ **Pervious surfaces**
Provide % of pervious surface to total surface at project site and/or percentile of rainfall retained on project site
_____% pervious/total surface area
_____% rainfall retained

☐ **Outdoor water usage (after establishment of landscaping)**
Attach landscape plan including water usage requirements

WASTE MINIMIZATION

☐ **C&DD waste**
Attach plans for landfill waste reduction during project and for waste collection after project closeout
Also provide numbers at project completion:
_____waste diversion (tons)
_____landfill waste (tons)

☐ **Waste infrastructure design**
Attach plan for waste infrastructure within building

GROUNDS

☐ **Tree canopy**
Verify replacement of two trees or equivalent contribution for each tree removed during project
_____# trees removed
_____# trees planted

☐ **Open spaces and pollinator/natural habitats**
Provide Assistant Director of Grounds with
_____initial open space area (sq ft)
_____final open space area (sq ft)
_____open space as % of project area
_____initial pollinator habitat (sq ft)
_____final pollinator habitat (sq ft)
_____pollinator habitat as % of area

☐ **Biodiversity**
Attach written summary of any positive or negative effects the project has on non-pollinator or non-tree-related biodiversity

TRANSPORTATION

☐ **Active and alternative transportation options**
Attach narrative with active and alternative transportation options for project (bike racks, e-bikes, scooters, public showers, EV charging station, preferred parking for electric vehicles, bus stops, taxi/rideshare stops, etc)

SUSTAINABLE PROCUREMENT

☐ **Sustainable material purchases**
Provide a report with
_____sustainable material purchases ($) _____total material purchases ($)

STUDENT LIFE AND HUMAN RESOURCES

☐ **Air quality**
Provide documentation for outdoor air intake rates
_____Design outdoor air intake (cfm)
_____ASHRAE 62.1–2016 intake flow
Attach evidence that air quality is acceptable prior to occupancy (check method used):
_____Pre-occupancy flush OR
_____PM, VOC and inorganic gas testing
Provide list of any additional strategies used.

☐ **Occupant comfort**
Attach narrative describing measures taken to ensure thermal, visual, acoustic comfort and prevent performance impacts to building occupants