

# Town of Chapel Hill Environmental Stewardship Advisory Board Development Review Criteria

Last Updated: June 2021

For any boxes not checked, please be prepared to explain why not.

## A. Does the project promote alternative modes of transportation?

- ☐ Are greenway corridors integrated?
- ☐ Is there access to public transportation?
- ☐ Can pedestrians access and move throughout the property?
- ☐ Is there access to bicycle facilities and/or parking on the property?
- ☐ Does the project provide increased bike/ped connectivity outside of the development envelope?

## B. Does the project demonstrate a commitment to climate action and energy management?

- ☐ How does it meet the Town's adopted [Climate Action and Response Plan](#)?
- ☐ Does it meet the AIA-2030 energy performance standards?
- ☐ Will any fossil fuels be used (e.g., natural gas) or will the project be all-electric?
- ☐ Will the building(s) and appliances be [Energy Star](#) certified?
- ☐ Does the project incorporate passive solar or geothermal?
- ☐ Is vegetation maintained or added to lower energy consumption?
- ☐ Will the project reduce the urban heat island effect by using reflective pavement materials or vegetation?
- ☐ Does the project incorporate alternative energy or provide for future upgrading through building orientation, pre-wiring, roof sloping, etc. (e.g., solar panels)?
- ☐ Is there a commitment to LED lighting throughout the project?
- ☐ Is the project designed to work toward zero net energy?

## C. Are you pursuing Green Building Certification for this project?

- ☐ Certified [Leadership in Energy and Environmental Design \(LEED\)](#)?
- ☐ Certified [Green Globes](#)?
- ☐ Certified [Living Building Challenge](#)?
- ☐ Certified [SITES](#)?

## D. Will the project manage water quantity and improve water quality?

- ☐ Does the project meet RCD and buffer ordinances?
- ☐ Will the project capture and reuse water on-site?
- ☐ Does the design protect and/or restore existing hydrologic functions?
- ☐ Are low flow fixtures (e.g., Water Sense) incorporated throughout the project?
- ☐ Will the project improve water quality through the use of stormwater BMP's?
- ☐ Will all stormwater be managed on site to reduce runoff from the property to close to zero?

E. How will the project incorporate green building materials?

- ☐ Have you considered adaptive re-use for existing buildings and structures?
- ☐ Will you be reusing or repurposing any materials?
- ☐ Are you using durable materials that will ensure a long-lasting building?
- ☐ Have you considered the life cycle cost of the materials you are using?
- ☐ Are you using materials that are locally and sustainably sourced?

F. How is the proposed project sustainable from a land development perspective?

- ☐ Are you minimizing the amount of grading and land disturbance? If trees will be removed, specify what percentage will remain?
- ☐ How are you protecting existing native vegetation?
- ☐ How are you controlling for and/or removing invasive species?
- ☐ Will the project restore or provide landscape enhancement areas?
- ☐ Will the project include native or drought tolerant plant species?
- ☐ How will the project meet or exceed minimum tree canopy requirements?

G. How is the project working to manage and minimize waste?

- ☐ Will the project achieve zero net waste?
- ☐ Will it provide integrated recycling facilities on site?

H. How is environmental equity and culture being incorporated into the project?

- ☐ How will the project contribute to positive environmental health impacts?
- ☐ How will it minimize displacement of people, wildlife, etc?
- ☐ Will it create new access to natural resources for recreation?
- ☐ Will it promote a greater sense of community?
- ☐ Will there be new stewardship opportunities on site?