

NORTH POTOMAC YARD ADVISORY GROUP

DRAFT SUSTAINABILITY RECOMMENDATIONS FOR DISCUSSION 1/31/17

BLACK – ALREADY IN PLAN

GREEN – ADDED BY JEREMY

ORANGE – ADDED BY STAFF (including comments from AG during Briefings)

Environmental Leadership

- 2.1 Strive to achieve carbon neutrality by **2040**.
- 2.2 Provide a mix of land uses, and a transit-oriented development as part of the redevelopment of the Plan area.
- 2.3 Explore the possibility of community gardens so that residents and visitors could have access to edible and non-edible plantings. Community gardens also offer a unique educational opportunity.

Reduce Energy Use

- 2.4 Explore a minimum of LEED Silver or comparable, or the City's Green Building standards and requirements, whichever is greater. **In addition, new buildings will comply with the Environmental Action Plan (EAP), as implemented through City policies.**
- 2.5 **Encourage the use of alternative energy sources including but not limited to solar and wind power throughout the Plan area.**
- 2.6 **Integrate the use of natural daylighting in all proposed buildings.**

Employ District-Wide Sustainability Measures

- 2.7 Require the submission of a Sustainability Plan as part of the submission of the first development special use permit (DSUP) that demonstrates the compliance with the goals and recommendations of the Plan **and identifies short-term, mid-term and long-term strategies to achieve the goal of district-wide sustainability measures. The Plan should be updated with each subsequent block(s) and/or building(s) to show how the project achieves the Plan's goals.**
- 2.8 Require plan area-wide sustainability through LEED-ND or comparable.
- 2.9 Require the provision of green roofs for new development.
- 2.10 Provide an integrated network of open space, which incorporates environmental components as part of its design.
- 2.11 **Design new development to prioritize travel by pedestrians, bikes and transit and minimize the need for car use.**
- 2.12 **Design parking garages to accommodate electric vehicle charging stations.**
- 2.13 **Provide affordable housing within ½ mile of Metro Station.**

Reduce Stormwater Runoff – Water Conservation

- 2.14 **Require minimum quantities of green roof and/or solar power generation on building roofs.**
- 2.15 Encourage reuse of captured rainwater.
- 2.16 Require stormwater management to be integrated as part of the street, open space, and proposed buildings design.

- 2.17 Encourage water conservation using sustainable methods such as ultra-low and/or low flow plumbing fixtures.
- 2.18 Use native plant species and water-efficient landscaping.

Design for Longevity

- 2.18 Design buildings for long-term aesthetic appeal and flexibility for future changes in land use.
- 2.19 Utilize quality building materials that consider the long term life cycle of the building.
- 2.20 Maintain a walkable small block network of streets and sidewalks for pedestrians; avoid super blocks.