

January 7, 2022

Dear Members of the Planning and Zoning Board,

Item H.15 on your January 10th agenda is the adoption of EAR based amendments, and I am in favor of these amendments to address Peril of Flood. However, I believe some of the wording in the Coastal Management Element could be improved by making small changes in wording. The Coastal Management Element changes I favor are listed below in strike-through and underline. Please consider them in your discussion.

Policy 7.1

Brevard County shall not increase residential density designations for properties located on the barrier island between the southern boundary of Melbourne Bach and the Sebastian Inlet or properties located in the coastal high hazard area.

Policy 14.3

Using best available data, the County ~~should consider~~ shall identifying areas vulnerable to current and future flooding impacts which may benefit from nature-based design standards and/or Low Impact Development projects that reduce run-off; mitigate flood impacts; provide for the on-site absorption, capture, and reuse of stormwater; and preserve and restore natural drainage characteristics.

Policy 14.6

The County ~~should~~ shall develop mechanisms to evaluate and recommend new design and development standards for public and private infrastructure projects that consider future climate conditions, and the County shall amend Land Development Regulations to reduce obstacles that hinder nature-based design standards and/or Low Impact Development.

Policy 14.7

The County ~~should identify~~ shall adopt development and redevelopment performance standards designed to minimize or withstand permanent and/or temporary inundation from flooding, sea level rise, and storm surge. These standards may include increased freeboard elevations, the consideration of future tailwater elevations for stormwater infrastructure, and/or multi-use temporary flood storage areas.

Policy 14.9

Based on the 2021 Resilient Brevard Community Survey, completed by the ECFRPC, the County ~~should~~ shall encourage or require nature-based design standards and/or Low Impact Development design for development and redevelopment within areas vulnerable to current and future flooding impacts. Such adaptation strategies may include:

- a. Multi-use stormwater parks,
- b. Bioswales as stormwater management techniques,

- c. Green streets,
- d. Reduced impervious areas,
- e. Florida-friendly landscaping/xeriscaping, and
- f. Ecological asset preservation (e.g., tree canopy, natural areas, mangroves, wetlands, dunes, aquifer recharge areas).

Thank you for considering my opinion.

Yours truly,

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