



AIA
Maryland

Promoting Maryland Architecture Since 1965

10 February, 2020

The Honorable Shane E. Pendergrass
Health and Government Operations Committee Chair
Room 241, House Office Building
Annapolis, Maryland 21401

Re: Letter of Support for HB0192
Department of General Services – Energy Conserving Standards (Maryland Sustainable Buildings Act of 2020).

Dear Delegate Pendergrass and Members of the HGO Committee;

We are writing to voice AIA Maryland's support of House Bill 0192. AIA Maryland represents over 2,000 architects in the state of Maryland and advocates for the profession and the quality of the built environment. As we work to be good stewards of the built environment, we are equally cognizant of the natural environment that we interact with and we aim to minimize our impact on the natural world. This bill's primary purpose is clearly to reduce the number of bird strikes on buildings and we believe it takes practical measures that can help reduce the likelihood of these collisions from happening. This issue is particularly important in Maryland where we are on the Atlantic flyway, a heavily traveled path for migratory birds.

We have asked a few member firms to test the tool this bill implements, LEED Sustainable Sites pilot credit 55 on a couple of projects. While both projects tested were only new two-story structures, the process requires a little extra design time, but the parameters seem to enable sufficient flexibility to be able to meet the design criteria without any undue hardship and we do not expect it would have any significant cost impact to projects. We also acknowledge that there may be some energy reduction through window criteria, screening and opacity of materials that may reduce heat gain on buildings in addition to limiting night-time illumination of interior glass-enclosed spaces. Based on the testing of projects that were completed, we believe such accommodations can be made on new designs and when existing buildings are being substantially renovated, the building skins and systems can be designed to respond to the proposed criteria.

Maryland is not acting alone in adopting guidelines like these. Given our geophysical presence along the coast and the Chesapeake Bay, it is particularly important to provide an accommodating migratory path for birds. Other states and jurisdictions have already enacted regulations similar to this bill, those include the state of Minnesota, New York City, San Francisco, Oakland, Chicago, Toronto and others. Building codes continue to move toward developing buildings with a more efficient building envelope and the bird friendly criteria can be incorporated in design parameters. Studies have shown that by implementing bird friendly design parameters, bird collision deaths can be reduced by up to 90 percent.

We do recommend that the regulations be incorporated in the Maryland Green Building Council's program requirements documents so they are in a location where design professionals will reference criteria they need to meet. Starting with these measures early in the design process enables design the team to incorporate elements in the design from the beginning where they may have limited to no effect on building cost.

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AIA Maryland cares deeply about the quality of Maryland's natural and built environment and sensible measures like these that diminish the impact of our built environment on the natural world are valuable to all of us. We therefore respectfully ask your committee to vote in favor of HB 0192 that provides thoughtful, responsible paths to bird-friendly design and may provide some added benefits of diminishing energy use.

Sincerely



Chris Parts, AIA
Past President, AIA Maryland

cc: Health and Government Operations Committee:

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