

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

DIVISION OF CORPORATION FINANCE

July 17, 2024

Marc T. Pangburn Chief Financial Officer and Executive Vice President Hannon Armstrong Sustainable Infrastructure Capital, Inc. One Park Place Suite 200 Annapolis, Maryland 21401

> Re: Hannon Armstrong Sustainable Infrastructure Capital, Inc. Form 10-K for the fiscal year ended December 31, 2023 Filed February 16, 2024 File No. 001-35877

Dear Marc T. Pangburn:

We have completed our review of your filing. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Sincerely,

Division of Corporation Finance Office of Real Estate & Construction