

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

DIVISION OF CORPORATION FINANCE

August 19, 2021

Lance J. Phillips Chief Financial Officer Capstead Mortgage Corporation 8401 North Central Expressway Suite 800 Dallas, TX 75225-4404

> Re: Capstead Mortgage Corporation Form 10-K for the fiscal year ended December 31, 2020 Filed February 19, 2021 File No. 001-08896

Dear Mr. Phillips:

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