Filed pursuant to Rule 433
Issuer Free Writing Prospectus dated January 14, 2022
Relating to Preliminary Prospectus dated January 14, 2022 and
Prospectus dated December 17, 2021
Registration No. 333-261732

Hercules Capital, Inc. \$350,000,000 3.375% Notes due 2027

PRICING TERM SHEET January 14, 2022

The following sets forth the final terms of the 3.375% Notes due 2027 and should only be read together with the preliminary prospectus supplement dated January 14, 2022, together with the accompanying prospectus dated December 17, 2021, relating to these securities (the "Preliminary Prospectus"), and supersedes the information in the Preliminary Prospectus to the extent inconsistent with the information in the Preliminary Prospectus. In all other respects, this pricing term sheet is qualified in its entirety by reference to the Preliminary Prospectus. Terms used herein but not defined herein shall have the respective meanings as set forth in the Preliminary Prospectus. All references to dollar amounts are references to U.S. dollars.

Issuer Hercules Capital, Inc.

Issuer Ticker HTGC

Security 3.375% Notes due 2027

Ratings* Baa3 (Stable) (Moody's); BBB+ (Stable) (Kroll)

Trade Date January 14, 2022

Settlement Date January 20, 2022 (T+3)

Aggregate Principal Amount Offered \$350,000,000

Maturity January 20, 2027, unless earlier repurchased or redeemed

Price to Public (Issue Price) 99.282%
Coupon (Interest Rate) 3.375%
Yield to Maturity 3.533%

Spread to Benchmark Treasury +200 basis points

Benchmark Treasury 1.250% due December 31, 2026

Benchmark Treasury Price and Yield 98-21/1.533%

Interest Payment Dates January 20 and July 20, commencing July 20, 2022

Optional Redemption Equal to the greater of the following amounts, plus, in each case, accrued and unpaid interest to

the redemption date:

• 100% of the principal amount of the notes to be redeemed, or

• the sum of the present values of the remaining scheduled payments of principal and interest (exclusive of accrued and unpaid interest to the date of redemption) on the notes to be redeemed, discounted to the redemption date on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) using the applicable Treasury Rate plus 30 basis points; provided, however, that if Hercules Capital, Inc. redeems any Notes on or after December 20, 2026 (the date falling one month prior to the maturity date of the Notes), the redemption price for the Notes will be equal to 100% of the principal amount of the Notes to be redeemed, plus accrued and unpaid interest, if any, to, but excluding, the date of redemption.

Holders have the right to require Hercules Capital, Inc. to repurchase the notes at 100% of their principal amount plus accrued and unpaid interest,

if any, in the event of a change of control repurchase event.

\$2,000 and integral multiples of \$1,000 in excess thereof

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Joint Book-Running Managers

Goldman Sachs & Co. LLC

PRC Conital Markets LLC

Change of Control

Denomination

CUSIP

ISIN

RBC Capital Markets, LLC

SMBC Nikko Securities America, Inc.

Co-Managers: HSBC Securities (USA) Inc.

Zions Direct, Inc.

Hercules Capital, Inc. expects that delivery of the Notes will be made to investors on or about January 20, 2022, which will be the third business day following the date hereof. Under Rule 15c6-1 under the Securities Exchange Act of 1934, as amended, trades in the secondary market are required to settle in two business days, unless the parties to any such trade expressly agree otherwise. Accordingly, purchasers who wish to trade Notes prior to the delivery of the Notes hereunder will be required, by virtue of the fact that the Notes initially settle in T+3, to specify an alternate settlement arrangement at the time of any such trade to prevent a failed settlement. Purchasers of the Notes who wish to trade the Notes prior to their date of delivery should consult their advisors.

Investors are advised to carefully consider the investment objective, risks, charges and expenses of Hercules Capital, Inc. before investing. The Preliminary Prospectus and accompanying prospectus, which has been filed with the Securities and Exchange Commission, contains this and other information about Hercules Capital, Inc. and should be read carefully before investing.

^{*} Note: A securities rating is not a recommendation to buy, sell or hold securities and may be subject to revision or withdrawal at any time.

The information in the Preliminary Prospectus and in this pricing term sheet is not complete and may be changed. The Preliminary Prospectus and this pricing term sheet are not offers to sell any securities of Hercules Capital, Inc. and are not soliciting an offer to buy such securities in any jurisdiction where such offer and sale is not permitted.

A shelf registration statement relating to these securities is on file with and has been declared effective by the Securities and Exchange Commission. The offering may be made only by means of a preliminary prospectus supplement and an accompanying prospectus. Copies of the Preliminary Prospectus may be obtained from Goldman Sachs & Co. LLC, 200 West Street, New York, New York 10282, or email prospectus-ny@ny.email.gs.com, or telephone: 1-866-471-2526, RBC Capital Markets, LLC, 200 Vesey Street, 8th Floor, New York, NY 10281, Attn: Prospectus Department, by calling 1-866-375-6829, or email RBCNYFixedIncomeProspectus@rbcm.com, or SMBC Nikko Securities America, Inc., 277 Park Avenue, New York, New York 10172, or email prospectus@smbcnikko-si.com, or telephone: 1-888-868-6856.