

ANNUAL MEETING OF STOCKHOLDERS OF

ORCHIDS PAPER PRODUCTS COMPANY

May 2, 2016

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NOTICE OF INTERNET AVAILABILITY OF PROXY MATERIAL:

The Notice of Meeting, annual report, proxy statement and proxy card are available at www.orchidspaper.com

Please sign, date and mail
your proxy card in the
envelope provided as soon
as possible.

↓ Please detach along perforated line and mail in the envelope provided. ↓

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PLEASE SIGN, DATE AND RETURN PROMPTLY IN THE ENCLOSED ENVELOPE. PLEASE MARK YOUR VOTE IN BLUE OR BLACK INK AS SHOWN HERE ☒

The Board of Directors recommends you vote FOR ALL NOMINEES:

1. ELECTION OF DIRECTORS: To elect seven (7) directors for one-year terms expiring at the conclusion of the Company's annual meeting in 2017.

☐ FOR ALL NOMINEES

☐ WITHHOLD AUTHORITY
FOR ALL NOMINEES

☐ FOR ALL EXCEPT
(See instructions below)

NOMINEES:

- ☐ Steven R. Berlin
☐ Mario Armando Garcia
☐ John C. Guttilla
☐ Douglas E. Hailey
☐ Elaine MacDonald
☐ Mark H. Ravich
☐ Jeffrey S. Schoen

INSTRUCTIONS: To withhold authority to vote for any individual nominee(s), mark "FOR ALL EXCEPT" and fill in the circle next to each nominee you wish to withhold, as shown here: ●

To change the address on your account, please check the box at right and indicate your new address in the address space above. Please note that changes to the registered name(s) on the account may not be submitted via this method.

☐

The Board of Directors recommends you vote FOR the following Proposal:

FOR AGAINST ABSTAIN

2. RATIFICATION OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM: To ratify HoganTaylor LLP as the Company's independent registered public accounting firm for 2016. ☐ ☐ ☐

3. In their discretion, the proxies are authorized to vote upon such other business as may properly come before the meeting.

THIS PROXY WHEN PROPERLY EXECUTED WILL BE VOTED IN THE MANNER DIRECTED HEREIN BY THE UNDERSIGNED STOCKHOLDER(S). IF NO DIRECTION IS MADE BUT THE PROXY IS SIGNED, THIS PROXY WILL BE VOTED AS RECOMMENDED ABOVE BY THE DIRECTORS AND IN THE DISCRETION OF THE PROXIES ON SUCH OTHER BUSINESS AS MAY PROPERLY COME BEFORE THE ANNUAL MEETING OR ANY ADJOURNMENT OR POSTPONEMENT THEREOF.

Signature of Stockholder

Date:

Signature of Stockholder

Date:

Note: Please sign exactly as your name or names appear on this Proxy. When shares are held jointly, each holder should sign. When signing as executor, administrator, attorney, trustee or guardian, please give full title as such. If the signer is a corporation, please sign full corporate name by duly authorized officer, giving full title as such. If signer is a partnership, please sign in partnership name by authorized person.

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ORCHIDS PAPER PRODUCTS COMPANY
ANNUAL MEETING OF STOCKHOLDERS – May 2, 2016

This Proxy is solicited on behalf of the Board of Directors of Orchids Paper Products Company

The undersigned stockholder(s), revoking all prior proxies, hereby appoint(s) Jeffrey S. Schoen and Keith R. Schroeder, or either of them, the true and lawful attorneys-in-fact, agents and as proxies for the undersigned, with full power of substitution, to act and to vote all of the common stock of Orchids Paper Products Company that the undersigned would be entitled to vote if personally present at the annual meeting of stockholders to be held at the offices of Polsinelli PC located on the 42nd floor of 600 Third Avenue, New York, New York 10016 on Monday, May 2, 2016, at 8:30 a.m. Eastern Time, or at any adjournment or adjournments thereof. The proxies are directed to vote as instructed on the matters set forth on this card and all other matters at their discretion which may properly come before the meeting. The matters listed on the reverse side were proposed by the Company. The undersigned acknowledges that he/she has received a copy of the Notice of Annual Meeting of Stockholders and Proxy Statement.

IMPORTANT: THE PROMPT RETURN OF PROXIES WILL SAVE THE COMPANY THE EXPENSE OF FURTHER REQUESTS FOR PROXIES TO ENSURE A QUORUM AT THE ANNUAL MEETING. A SELF-ADDRESSED, POSTAGE-PREPAID ENVELOPE IS ENCLOSED FOR YOUR CONVENIENCE.

(Continued and to be signed on the reverse side.)