

May 15, 2023

Randy L. Daniel, P.E., PMP, CFM
Assistant Director- Engineering
City of Margate
Dept. of Environmental & Engineering Services
901 NW 66th Ave., Suite A
Margate, FL 33063

RE: *Springdale*
Schnars Engineering Corporation Project No. 17180

Mr. Daniel:

I am a duly qualified registered professional engineer license to practice civil engineering in the State of Florida.

Please accept this certification that that we have prepared surface water management calculations based upon the Preliminary Engineering Plans dated October 2022 which supports the fact that the proposed Springdale project will not impact the 100-year flood elevation. The surface water area on the site is being increased to compensate for the additional runoff created by an increase in the impervious area and the change to the property elevation. The calculations demonstrate that there is no net rise in the post development storm stages versus the pre-development storm stages. Furthermore, the flow way through the site is being increased in both width and depth so there will be no increase in the floodway elevations through the site.

Sincerely,

SCHNARS ENGINEERING CORPORATION

This item has been digitally signed and sealed by Jeffrey T. Schnars, P.E. on 5/15/2023. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Jeffrey T. Schnars, PE
President, For the Firm
Civil Engineer
Florida Registration No. 46697