



2018 SRC Code Interpretation

SRC R301.2.1.5;
ASCE 7-16 Section 26.8
Topographic Effects for Wind Design
Release Date: February 1, 2021
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The following interpretation, policy or code alternate is intended to provide guidance to staff for consistency of review and is subject to change without notice. Application of this interpretation, policy or code alternate to specific projects may vary.

Code Issue:

Is there a map that can be used to determine the topographic factor, K_{zt} , used for wind design?

Code Alternate:

As an alternate to the methods prescribed in ASCE 7-16 Section 26.8 and SRC R301.2.1.5 designers may use the default topographic factors from the wind load factors map provided on SDCI's website.

(<https://www.seattle.gov/sdci/resources/wind-load-factors>)

For questions about whether this code solution applies to your project:

- If you have submitted a permit application, contact the Building Code plan reviewer assigned to your application
- If you have not submitted an application, send us a question through the SDCI website <http://www.seattle.gov/dpd/toolsresources/sendusaquestion/default.htm> or in person at the Applicant Services Center. Visit the Applicant Services Center website for more information about hours and location <http://www.seattle.gov/dpd/aboutus/whoweare/applicantservicescenter/default.htm>