

2021 Virginia Construction Code

CHAPTER 31 SPECIAL CONSTRUCTION

SECTION 3108 TELECOMMUNICATION AND BROADCAST TOWERS

[BS] 3108.1 General.

Towers shall be designed and constructed in accordance with the provisions of [TIA 222](#). Towers shall be designed for seismic *loads*; exceptions related to seismic design listed in Section 2.7.3 of [TIA 222](#) shall not apply. In Section 2.6.6.2 of [TIA 222](#), the horizontal extent of Topographic Category 2, escarpments, shall be 16 times the height of the escarpment.

Exception: Single free-standing poles used to support antennas not greater than 75 feet (22 860 mm), measured from the top of the pole to grade, shall not be required to be noncombustible.

[BS] 3108.2 Location and access.

Towers shall be located such that guy wires and other accessories shall not cross or encroach on any street or other public space, or over above-ground electric utility lines, or encroach on any privately owned property without the written consent of the *owner* of the encroached-upon property, space or above-ground electric utility lines. Towers shall be equipped with climbing and working facilities in compliance with [TIA 222](#). Access to the tower sites shall be limited as required by applicable OSHA, FCC and EPA regulations.