14B NCAC 03 .0601 is proposed for adoption as published in 40:08 NCR 712 as follows:

SECTION .0600 – U.S. SURVEY FOOT/INTERNATIONAL FOOT

14B NCAC 03 .0601 PURPOSE

The purpose of this ~~rule~~ Rule is to provide guidance to government agencies, and the engineering, surveying, construction, agriculture, mapping, and geospatial industries in the State, ~~of North Carolina~~ on when to use the United States Survey Foot and the International Foot.

History Note: *Authority G.S. 102-1; 102-1.1; 102-1.2; 102-1.3; 102-2; 102-8; 102-9*
Eff. February 1, 2026

14B NCAC 03 .0602 is proposed for adoption as published in 40:08 NCR 712-713 as follows:

14B NCAC 03. 0602 REQUIRED FOOT CONVERSION

When ~~state~~ State ~~plane~~ Plane ~~coordinates~~ Coordinates and heights (elevation) are provided in feet, the conversion between the foot and meter shall be based on the coordinate system used for determining the coordinates or height. This requirement applies to horizontal plane and vertical coordinates, and to all values associated with or derived from these coordinates. That includes, but is not limited to, distance, elevation, height, area, and volume, along with values computed from the foot, such as the chain, pole, rod, mile, square mile, and acre. The following foot conversion shall be used:

(1) The International Foot, 1 foot = 0.3048 meter exactly, when coordinates are based on the North American Terrestrial Reference Frame of 2022 (NATRF2022) as described in ~~§102-1.2 of the North Carolina General Statutes~~ G.S. 102-1.2, and for all subsequent coordinate systems adopted by the North Carolina Geodetic Survey or its successor.

(2) The International Foot, 1 foot = 0.3048 meter exactly, when heights are based on the North American-Pacific Geopotential Datum of 2022 (NAPGD2022), and for all subsequent coordinate systems adopted by the North Carolina Geodetic Survey or its successor.

(3) The U.S. Survey Foot, 1 foot = 1200/3937 meter exactly or 1 foot = 0.304800609601219 meter approximately, when coordinates are based on the North American Datum of 1983 (NAD 83) or the North American Datum of 1927 (NAD 27) as described in G.S. §102-1.1 or §102-1. ~~, respectively, of the North Carolina General Statutes.~~

(4) The U.S. Survey Foot, 1 foot = 1200/3937 meter exactly or 1 foot = 0.304800609601219 meter approximately, when heights are based on the North American Vertical Datum of 1988 (NAVD 88) or the National Geodetic Vertical Datum of 1929 (NGVD29).

History Note: *Authority G.S. 102-1; 101-1.1; 102-1.2; 102-1.3; 102-2; 102-8; 102-9*
Eff. February 1, 2026