

**10A NCAC 14J .1502 BUILDING MATERIALS AND CONSTRUCTION REQUIREMENTS**

- (a) The walls and roof shall be made of:
  - (1) reinforced concrete that complies with the North Carolina State Building Code, or
  - (2) masonry that complies with approved plans and specifications, or
  - (3) other materials that comply with the North Carolina State Building Code.
- (b) The interior walls in security areas shall be made of:
  - (1) reinforced concrete that is at least four inches thick and finished smooth, or
  - (2) cement masonry (CMU) and brick that is at least eight inches thick, or
  - (3) approved steel as specified in Rule .1513 of this Section.
- (c) Interior floors shall be made of concrete that is finished smooth, terrazzo, quarry tile, or other approved material.
- (d) Interior ceilings shall be made of:
  - (1) reinforced concrete that is finished smooth, or
  - (2) approved steel as specified in Rule .1513 of this Section, or
  - (3) other approved material.
- (e) Grating fronts and grating doors for single and multiple rooms shall be made of tool-resisting steel, as specified in Rule .1513(1)(a) of this Section, unless enclosed in a tool resisting perimeter.
- (f) Safety vestibule grating and interior grating doors shall be made of tool-resisting steel, as specified in Rule .1513(1)(a) of this Section.
- (g) Materials shall be non-combustible and shall have fire-resistive ratings if required by the North Carolina State Building Code.
- (h) A local confinement facility shall not be located in or attached to buildings with less than fire-resistive construction, unless the confinement area is separated by an approved masonry firewall.

*History Note: Authority G.S. 153A-220; 153A-221;  
Eff. June 1, 1990;  
Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. January 5, 2016.*