



**BROWARD COUNTY PUBLIC SCHOOLS
BUILDING DEPARTMENT**

Position Statement # 04 – 423 - 01

Subject: Fencing requirements
Applicable Code: 2004 FBC Section: 423.10.1.1.1
Date: May 9, 2006

Question: Is it the intent of the code to include low voltage electrical equipment (Fire alarm, security, intercom, and communications) in the fencing requirement of section 423.10.1.1.1

Answer: No, Section 423.10 pertains to site requirements. The intent of 423.10.1.1.1 is for electrical equipment (transformers, transition point for overhead to underground distribution, external switch gear, etc.) that is installed outside in open areas to be enclosed by a fence.

If low voltage equipment or panels were exposed on the site it would be required to be fenced so children could not access it.

Background:

Low voltage equipment described in the question is normally contained within the facility's buildings constructed on the site. Interconnection between buildings is accomplished by dedicated duct banks or raceways which are not exposed. Installation is accomplished in accordance with FBCB Chapter 27 NFPA 70 Article 110 - Requirements for Electrical Installations.

The Building Officials Association of Florida, in cooperation with the Florida Building Commission, the Florida Department of Community Affairs, ICC, and industry and professional experts have offered this interpretation of the Florida Building Code in the interest of consistency in their application statewide.

This interpretation has been accepted and approval by the BCPS Chief Building Official

A handwritten signature in black ink, appearing to read "R. F. Morgan", written over a horizontal line.

Ronald F. Morgan, Acting Chief Building Official

6-1-06

Date: