

Standard Practice for Security Engineering Symbols¹

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1. Scope

1.1 This practice utilizes symbols to depict security systems and equipment requirements for architectural or engineering drawings that are produced either manually or by computer aided design (CAD). The symbols depicted include some symbols that have already been somewhat universally accepted or that have already been adopted by a standards-writing body, such as by the National Fire Protection Association.

1.2 It is not proposed that all of the symbols need to be utilized since the level of detail required for drawings is likely to vary. Generic symbols of a class of security device may be sufficient in some instances. Moreover, the need to provide a measure of security in the actual drawing may also suggest a need to utilize a generic symbol rather than to depict the exact device being installed.

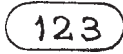
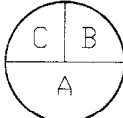
1.3 In the event that a greater level of detail is required, it is possible to combine many of the symbols to create new symbols that achieve the desired level. While some combinations of symbols are shown, it would be impractical to attempt to depict every conceivable combination of symbols. It is also the intent of this practice that the symbols be capable of being continuously expanded and modified as the industry state of the art changes or as emphasis varies. For example, little attention is given to document security in the security symbols since such requirements are not generally fully met during construction periods but are rather developed and provided for subsequently. Since much of this equipment is not installed but is “placed,” such as furniture, there is only one symbol proposed (for example, for document shredders).

1.4 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Keywords

2.1 computer aided design; security engineering; symbols

1. ANNOTATION

	Existing Equipment
	Point and Zone Indicator
	Connection Between Devices (for example, button and lock)
	Detail and Reference Drawing
	Door Number (if more than one door in room, use sub-letter)
	Room or Space Number
	Device Number (reference device schedule)
	Device Reference A = Drawing Sheet B = Detail C = Device/Zone Number

2. ACCESS CONTROL

	Generic Card Reader (reference door schedule or specifications for type): P = pedestal mount
	Card Reader with Touch Pad
	Token-Type Access Control
	CCTV and Card Reader
	CCTV and Intercom

¹ This practice is under the jurisdiction of ASTM Committee F12 on Security Systems and Equipment and is the direct responsibility of Subcommittee F12.10 on Systems Products and Services.

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