

LEGISLATIVE DRAFT

HBMC Section 17.56.200

17.56.200 CFC Section 503.6 Security Gates, Amended.

The installation of security gates across a fire apparatus access road shall be approved by the fire code official. Where security gates are installed, they shall have an approved means of emergency operation. The security gates and the emergency operation shall be maintained operational at all times. Secured non-automated vehicle gates or entries shall utilize an approved padlock or chain (maximum link or lock shackle size of ¼ inch) when required by a fire code official. Secured automated vehicle entry gates or entries shall utilize a combination of an Opticom strobe-activated switch and an approved Knox key electric switch when required by a fire code official. Gate arms securing parking lots and parking structures shall be equipped with a fire department approved dual-keyed Knox key electric switch. When activated, the arm or arms shall open to allow fire department and law enforcement access. Approved security gates shall be a minimum of 24 feet in unobstructed drive width. Multiple travel lane security gates shall be a minimum of 14 feet in unobstructed drive width on each side. An unobstructed vertical clearance of not less than 13 feet 6 inches (4115 mm) shall be provided and maintained. Secured automated vehicle gates or entries shall utilize a straight 30 feet approach and departure, measured from the furthestmost related gate, island, guard shack structure or other obstructions. Electric gate key switches, padlocks and lock boxes for accessing properties shall be sub-mastered for law enforcement access. Sub-mastering lock boxes for building access is ~~not also~~ required for residential occupancies with an interior corridor for law enforcement access. In the event of a power failure, the gates shall be defaulted or automatically transferred to a fail safe mode allowing the gate to be pushed open without the use of special knowledge or any equipment. If a two-gate system is used, the override switch must open both gates. If there is no sensing device that will automatically open the gates for exiting, a fire department approved Knox electrical override switch shall be placed on each side of the gate in an approved location. A final field inspection by the fire code official or an authorized representative is required before electronically controlled gates may become operative. Prior to final inspection, electronic gates shall remain in a locked-open position. Electric gate operators, where provided, shall be listed in accordance with UL 325. Gates intended for automatic operation shall be designed, constructed and installed to comply with the requirements of ASTM F 2200.