



GILBERT FIRE PREVENTION DIVISION

REGULATION 12-503.6 Limited Access Gates

Number:	12-503.6		
Subject:	Limited Access Gates		
Code:	2012 International Fire Code	Code Section:	503.6
Effective Date:	12/7/2013	Revision Date:	9/15/14
Issued By:	Dan DuBois		

SCOPE:

Limited Access Gates across a fire apparatus access road shall be designed and installed in accordance with 2012 International Fire Code, 2012 International Building Code, 2011 National Electric Code and Town of Gilbert Traffic Engineering requirements.

GENERAL:

Application Process:

A permit is required for the installation or modification of all Limited Access Gates across a fire apparatus access road. Plans shall be submitted for review to the Town of Gilbert Fire Plans Reviewer which is located at:

Development Service Department
90 East Civic Center Drive
Gilbert, AZ. 85296

Requirements for Automatic Gates:

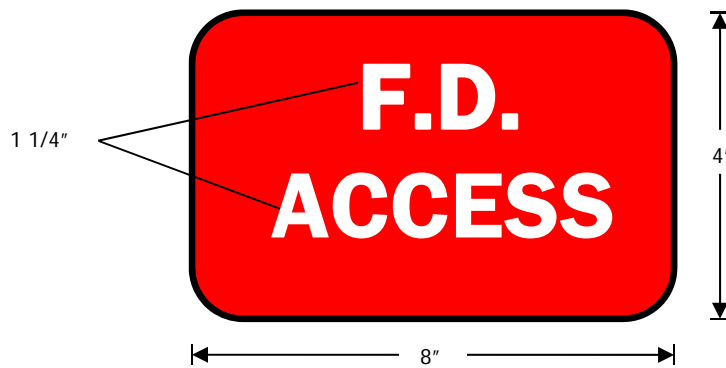
1. Minimum of 20-foot wide, clear access opening on entrance and exit.
2. Gates shall be of the swinging or sliding type.
3. Gates intended for automatic operations shall be designed, constructed and installed to comply with the requirements of ASTM F 2200.
4. A Fire Department approved Knox 3502 single key switch on a mounting plate shall be located 6 feet above grade on the driver's side of entrance and exit side of gates that are not provided with exit access loops.
5. A sign plate reading; "F.D. ACCESS" shall be installed no more than 12 inches from the emergency gate key switch. The sign shall be weather proof with white letters and red reflective background. (See detail #1).
6. A Tomar 1790-1014 Strobe switch shall be installed on entrance and exit sides of gates that are not provided with exit access loops.
7. Emergency Gate key switch and strobe switch shall open both the entrance and exit side of gate when activated and bypass all controlled access loop systems. When the key switch is returned from the bypass position to its original position all gates shall return to the closed position.
8. Battery backup and/or manual release mechanism installed on entrance and exit gates in case of power failure.
9. Electric gate operators shall be listed in accordance with UL 325.

Requirements for Manual Gates:

1. Minimum of 20-foot wide, clear access opening on entrance and exit.
2. All Manual fire apparatus access gates shall use an approved Knox 3770 or 3372 exterior all conditions padlock with an approved dual padlock locking bar. (See detail #2).
3. A sign plate reading; “F.D. ACCESS” shall be installed no more than 12 inches from the Knox padlock. The sign shall be weather proof with white letters and red reflective background. (See detail #1).

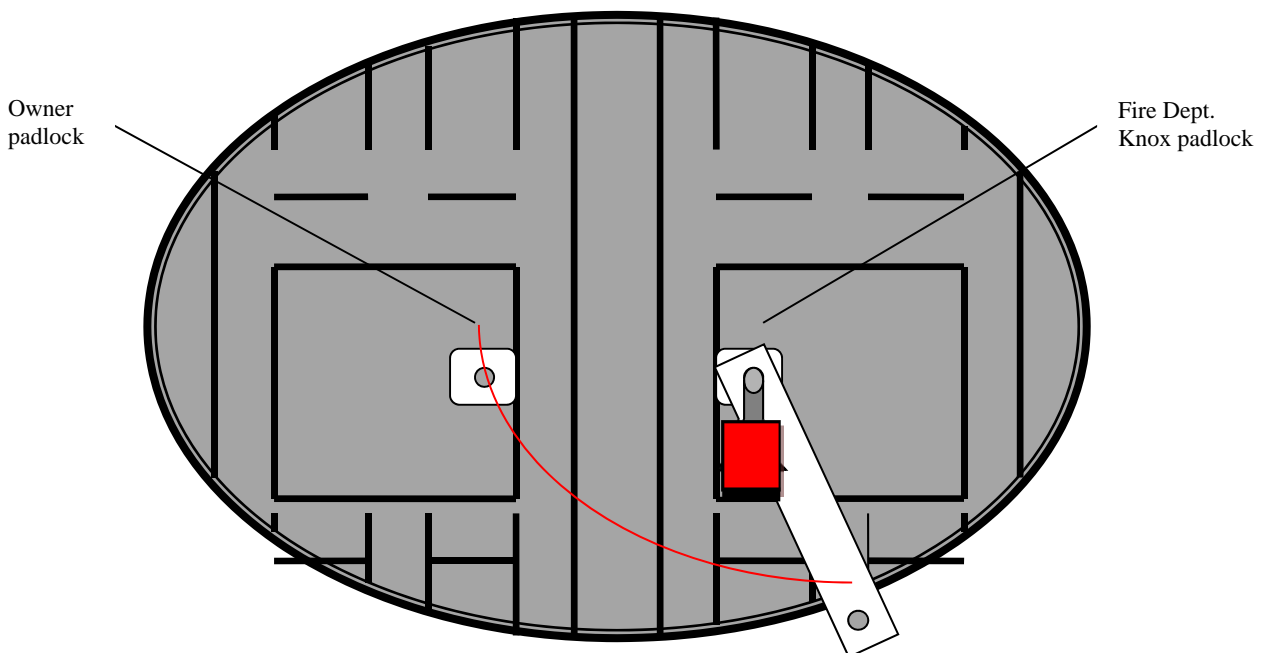
***To order Knox equipment visit www.knoxbox.com.**

Detail #1



***1 1/4 letters are 1/4" wide**

Detail #2



Manual access gate dual padlock locking bar