



## **DALLAS FIRE-RESCUE DEPARTMENT LIMITED ACCESS GATE REQUIREMENTS AT SINGLE FAMILY DWELLINGS**

**When fire department access roads (fire lanes) are required at single family dwellings, limited access gates must have a manual back-up system using a Knox padlock. If gates are motorized, they must also have a Knox key switch to automatically open the gates. Dallas Fire-Rescue Department radio receivers are not allowed at single family dwellings.**

1. The owner, gate installer or general contractor must submit two sets of plans (scale drawings) for review, **BEFORE THE WORK BEGINS. There is a non-refundable \$75.00 fee charged for plan review. The following information should be clearly indicated on the plans:**
  - Name and address of dwelling must be on each set of plans.
  - Location of all fire access roads (fire lanes) and fire hydrants to meet Dallas Fire-Rescue requirements as per 2007 Dallas Fire Code, Sections 503 and 508 and Appendix D.
  - Existing and proposed fencing and limited access gates including driveway gates and pedestrian gates.
  - Proposed location of entrance and exit gates, pedestrian gates, and fire department hinged fence panels for fire hydrant access. Types of equipment being installed should be clearly indicated on the plans (i.e.- types of driveway gates: slide, double-slide, single-swing, double-swing, or vertical-hydraulic lift driveway gates; types of pedestrian gates: electronically locking devices using the Knox key switch, fire department window with Knox padlock, or fire department hinged fence panels for access with Knox padlock).
  - Number and location of all Knox padlocks and Knox key switches.

**We will not review your plans unless the above items are properly marked on the plans. They will be returned for corrections and must be re-submitted. No exceptions made.**

2. Submit or mail to:

Dallas Fire-Rescue Department  
Inspection & Life Safety Education  
1551 Baylor Street, Suite 400  
Dallas, Texas 75226

3. The fire department's engine and truck companies may be used to assist in design/placement of gates as well as the turning radius required to enter and exit the property. Carports and landscapes are important issues to address as well.

4. **Plans will be reviewed and stamped by Dallas Fire-Rescue once compliance is confirmed.** Each copy will be marked with a "Reviewed" stamp, dated and initialed. One copy of the plans will be returned to the owner or contractor/gate installer with a completed Knox order form filled out by the fire inspector. Upon receiving the Knox Order form and method of payment the fire inspector will process the order. **Blank or extra forms are not given out to the owner or contractor/gate installer. No exceptions made. No installation may begin until plans are reviewed and approved.**
5. You may only order Knox items approved and required by the Dallas Fire-Rescue Department for each location. **No extra or "stock pile" equipment is allowed.**
  - Knox Key Switches: Part #3502
  - Knox Padlocks: Part #3753
  - Accessories: Red alert decals are required on Knox key switches.
6. State sales tax (8.25%) on all Knox equipment ordered must be added to each order.
7. Make payment to the Knox Company. Mail the payment and form to:

Dallas Fire-Rescue Department  
Inspection & Life Safety Education  
1551 Baylor Street, Suite 400  
Dallas, Texas 75226

An authorized Dallas Fire-Rescue Department signature is required before mailing to the Knox Company. Shipping and handling cost will vary with the quantity ordered. Freight charges will be on the Knox order form itself. Contact the Knox Company for first day and second day air delivery charges. If you have any questions you may call the Knox Company at 800-552-5669.

8. A Knox key switch that will automatically open the limited access gate shall be installed on all motorized access gates. The Knox key switch shall be on the entrance side within 10 feet of the access gate. The key switch must be mounted between 4 and 6 feet from the ground, clearly visible, and easily accessible.
9. A manual back-up system using a Knox padlock complying with the 2007 Dallas Fire Code, Section I104 shall be provided for each limited access gate. The manual release device must be of a durable nature, clearly visible, easily accessible and on the entry side of the limited access gate. The manual release device must be mounted within 10 feet of the gate.
10. **Contact the fire inspector when Knox equipment is received and ready for testing. The fire inspector will test manual release devices, and Knox equipment. Gate installations will not be approved and allowed to be used until all fire access equipment is tested and approved by the fire inspector.**
11. Any variations must be approved by the Fire Chief.

If you have any questions call **214-670-4319** and ask for the fire inspector assigned to the area. **Remember limited access gates are always subject to final field-testing and inspection by the fire inspector for approval.**