



# Swing and Slide Gate Operator UL 325 and ASTM F2200 Site Planning Safety Checklist

Please Print

Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/ZIP: \_\_\_\_\_ Email: \_\_\_\_\_

Satisfactory	Needs Repair/Replacement
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**Gate Safety Check** — Simple steps to quickly determine if an End User's gate operator is safe.

## UL 325 Standards

Component:	Result (Circle)	Comments:
1. Gate Operator is approved to current UL 325 standards (check operator label)	Pass / Fail	
2. Proper gate warning signs attached to both sides of gate area	Pass / Fail	
3. Each entrapment zone protected by 2 safety devices/obstruction tested		
Close Side (circle one)      Photo Eye      Reversing Edge      Inherent Reverse	Pass / Fail	
Open Side (circle one)      Photo Eye      Reversing Edge      Inherent Reverse	Pass / Fail	
Other Entrapment Areas	Pass / Fail	
UL 325 Installation Class (circle one)      I      II      III      VI		

## ASTM F2200 Standards

**Gate Construction Evaluation:** Gate Constructed with Safety in mind. ASTM F2200 Standards are followed

Component:	Result (Circle)	Comments:
<b>All Gates</b>		
Gates have smooth bottom edges, no protrusions exist	Pass / Fail	
All access controls at least 6 ft. from gate	Pass / Fail	
Barbed tape at least 8 ft. above grade	Pass / Fail	
Barbed wire at least 6 ft. above grade	Pass / Fail	
Separate pedestrian gate – out of reach of a moving gate – vehicular gate is for automotive traffic only	Pass / Fail	
<b>SWING</b>		
Distance from pivot point to column edge is less than 4 in.	Pass / Fail	
Distance from open gate to wall or column greater than 16 in. or secondary entrapment protection is provided	Pass / Fail	
<b>SLIDE</b>		
Roller covers on wheels	Pass / Fail	
Meshing installed up to 6 ft. above grade if pickets spaced equal to or greater than 2.25 in. apart	Pass / Fail	
Gate does not move on its own if disconnected from operator	Pass / Fail	
Gap between gate and fence post less than 2.25 in.	Pass / Fail	
Positive stops at both fully open and fully closed positions	Pass / Fail	
Receiver guides recessed behind receiver post for receiver guides less than 8 ft.	Pass / Fail	
Gates prevented from falling over if disconnected from supporting hardware	Pass / Fail	
Other:	Pass / Fail	

Please Print

First & Last Name of Dealer: \_\_\_\_\_ First & Last Name of Installer: \_\_\_\_\_

Name of Dealership: \_\_\_\_\_ Phone: \_\_\_\_\_

Dealership Address (Street Address/City/State/Zip): \_\_\_\_\_

Dealer Signature: \_\_\_\_\_ Installer Signature: \_\_\_\_\_

Customer Signature: \_\_\_\_\_

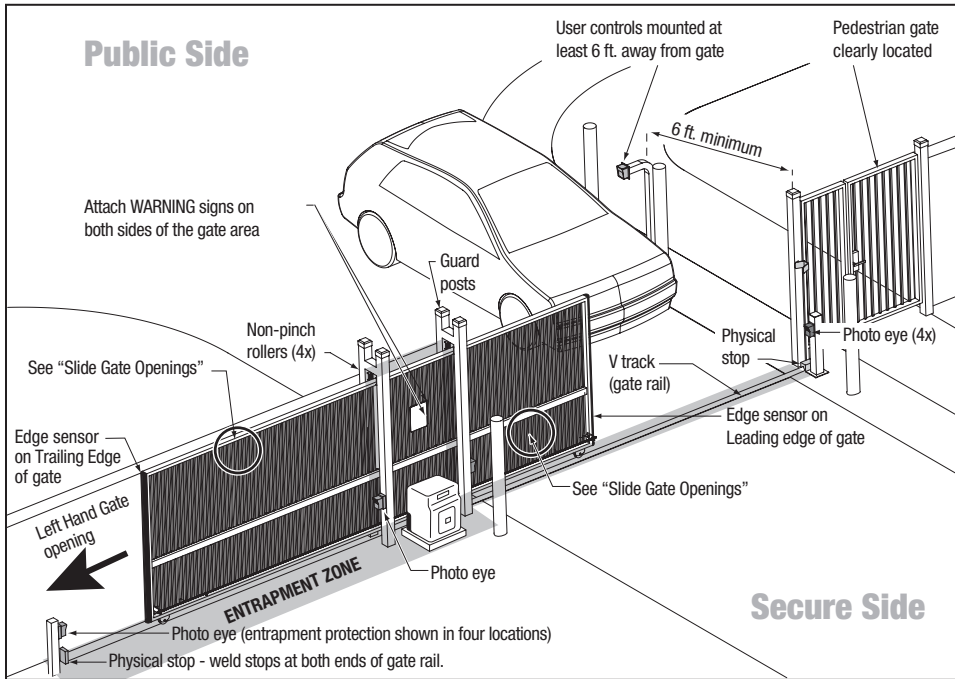
# Getting Started with Swing and Slide Gate Operator Safety

Always design, install and maintain safe gate access systems in accordance with UL 325 & ASTM F2200 standards

- Only install the operator on gates used for vehicular traffic.
- A separate pedestrian entry/exit must be clearly visible to promote pedestrian usage and located so pedestrians do not come in contact with the vehicular gate while it is moving.
- Install two independent entrapment protection devices protecting each entrapment zone.
- Pickets of a slide gate must be designed or screened to prevent persons from reaching through, or passing through a gate.

See your owner's manual for complete details regrading your LiftMaster® Perimeter Access Solution.

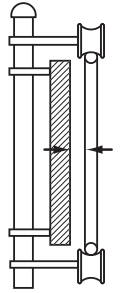
## Slide Gate Site Layout Guidelines



## Slide Gate Spacing Guidelines

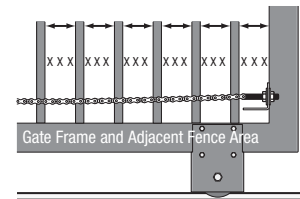
### Slide Gate Gaps

A gap, measured in the horizontal plane parallel to the roadway, between a fixed stationary object nearest the roadway (such as a gate support post) and the gate frame when the gate is in either the fully open position or the fully closed position, shall not exceed 2 1/4 in.. Exception: All other fixed stationary objects greater than 16 in. from the gate frame shall not be required to comply with this section. (ASTM F2200: 6.1.4)

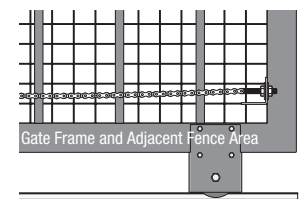


## Slide Gate Openings Guidelines

Openings of a horizontal slide gate must be smaller than 2 1/4" or else be guarded or screened. These design rules apply to both the moving gate as well as the portion of adjacent fence that the gate covers in the open position (UL 325: 56.8.4.a.2 and ASTM F2200: 6.1.2). See Illustrations below.

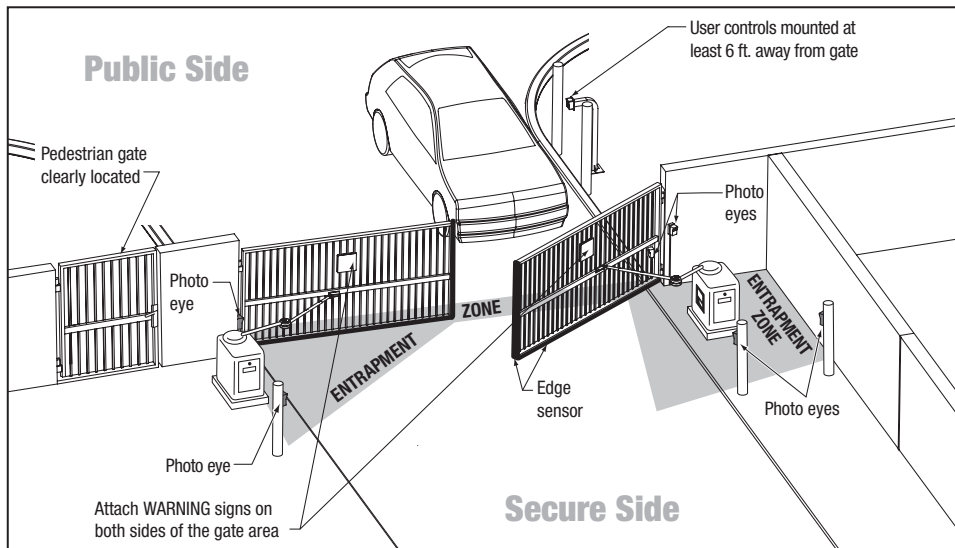


If gaps (xxx) between vertical bars of the gate or fence are less than 2 1/4", no further screening is required.

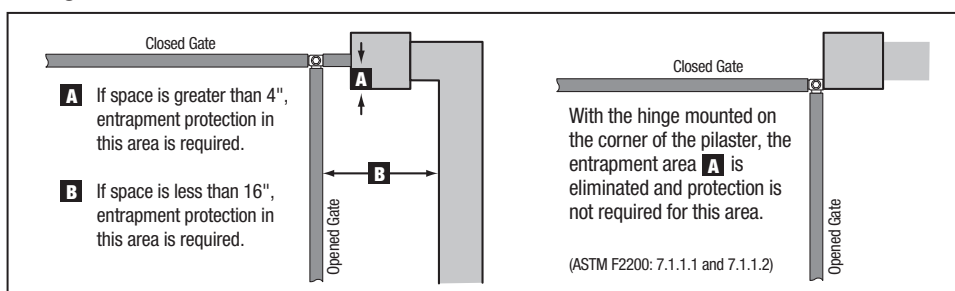


For gaps (xxx) equal to or larger than 2 1/4", a wire mesh screen must be applied to the gate. Wire mesh screen openings must be smaller than 2 1/4". The minimum height of wire mesh screen: 6 ft. above grade.

## Swing Gate Site Layout Guidelines

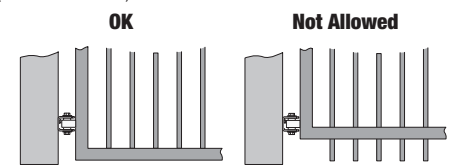


## Swing Gate Clearance Guidelines



## Base of Swing and Slide Gate

All Gates must have smooth bottom edges, no protrusions should exist. If gate hardware or sensors protrude, they must have smooth surfaces free of any sharp cutting edges that do not exceed 1/2 inch beyond the base of the gate. (ASTM F2200: 4.8)



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