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GENERAL NOTES

● Automated vehicular gates shall be designed and installed to be in strict compliance with the UL 325 Safety Standard and the ASTM F2200 Construction Standard.

● Automated vehicular gates that do not meet the requirements of these standards shall not be allowed.

● This drawing is for the sole purpose of general gate footprint and location, photo beam coverage and placement, and vehicular loop dimensions and placement. Drawings are not all inclusive or guaranteed to scale.

● No considerations have been made for grade, existing public utilities, landscape, drainage, site peculiarities, or requirements by the authority having jurisdiction, ie: Fire Marshal, Building Inspector, Street and Alley Department.

● Warning Signs must be installed and must be highly visible upon both entry and exit of the property, and must remain in place for the life of the gate operating system.

● Proper lane identification and vehicular direction signs should be highly visible upon entry onto the property.

● Gate dimensions, posts, guide rollers, photo beams, reversing edges, hinges, and other gate hardware may vary in size, dimension, and placement and should not be used as an exact reference.

● All loop sizing and placement dimensions indicated are solely intended for reference only, and are not to be the final criterion for determining the loop sizing and placement on any automated vehicular gate project.

● DoorKing, Inc does not assume responsibility or liability for any installation with regard to equipment/system malfunction, vehicle detector stop and placing, or resultant damages or injuries caused thereby.

● DoorKing, Inc. does not assume responsibility or liability for the installation and unauthorized changes to the design and operation of equipment, or alterations to the final site plan.

DOCUMENT HISTORY

DATE OF ORIGIN/RELEASE 05/22/2015
REV DESCRIPTION OF REVISION DATE
A UL 325 REVISIONS - UPDATES 03/31/2019
If the gap between the bottom of a moving gate and the ground is greater than 1-1/8" (4 inches) and less than 406 mm (16 inches), this area is considered to be an entrapment zone and therefore must be protected.

If distance is more than 4 inches, entrapment prevention for this area is required. ASTM F2200 7.1.1.1

If distance is less than 16 inches, entrapment prevention for this area is required. ASTM F2200 7.1.1.2

Photo-beams must extend to cover entire length of swing gate.

If the distance between the bottom of a moving gate and the ground is greater than 1-1/8" (4 inches) and less than 406 mm (16 inches), this area is considered to be an entrapment zone and therefore must be protected.

Photo-beams must extend to cover entire length of swing gate.

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**Model:** 6300

**Swing Gate Style Design**

- The gate frame length and gate side edition may require the concrete pad to be deeper than the 30” minimum.
LAYOUT_DESCRIPTION:

Gate Style = Single-leaf Swinging
DoorKing Model 6300
w/ One-Way Drive
w/ Access Device
w/ Right-Hand Operator Mount
w/ 6' Loops for High Vehicles

Layout 1

COMPONENTS
SL Slide Gate Operator
SW Swing Gate Operator: DoorKing Model 6300
PK Parking Barrier Operator
PB Photo Beam: DoorKing Model 0800-box
RE Reversing Edge: DoorKing Model 0800-box
VL Vehicle Detecting Loop - DoorKing - Type 9402-box
OD1 Opening Device 1: DoorKing DKProx Card Reader
OD2 Opening Device 2:
OD3 Opening Device 3:
MP Mounting Post: DoorKing Model 1200-box
SP Slide Gate Panel
SWP Swing Gate Panel
GT Gate Travel
TS Tail Section

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UL 325 & ASTM F2200 SAFETY

If the gap between the bottom of a moving gate and the ground is greater than 1-1mm (4 inches) and less than 406 mm (16 inches) this area is considered to be an entrapment zone and therefore must be protected.

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LAYOUT_DESCRIPTION:

Gate Style = Single-leaf Swinging
DoorKing Model 6300
w/ One-Way Drive
w/ Access Device
w/ Left-Hand Operator Mount
w/ 6' Loops for High Vehicles

Layout 2
Gate Style = Single-leaf Swinging
DoorKing Model 6300
w/ One-Way Drive
w/ Free Exit
w/ Right-Hand Operator Mount
w/ 6' Loops for High Vehicles

Layout 3

Components:
- SL: Slide Gate Operator
- SW: Swing Gate Operator: DoorKing Model 6300
- PK: Parking Barrier Operator
- PB: Photo Beam: DoorKing Model 8080-ox
- RE: Reversing Edge: DoorKing Model 8080-ox
- VL: Vehicle Detecting Loop: DoorKing - Type 9402-xx
- OD1: Operating Device 1: DoorKing DIOProx Card Reader
- OD2: Operating Device 2:
- OD3: Operating Device 3:
- MP: Mounting Post: DoorKing Model 1200-xx
- SP: Slide Gate Panel
- SWP: Swing Gate Panel
- GT: Gate Travel
- TS: Tail Section

General Notes:
- Automated vehicular gates shall be designed and installed to be in strict compliance with the UL 325 Safety Standard and the ASTM F2200 Construction Standard.
- Automated vehicular gates that do not meet the requirements of these standards shall not be allowed.

Warning Signs must be installed and must be highly visible upon entry and exit of the property, and must remain in place for the life of the gate operating system.

Proper lane identification and vehicular direction signs should be highly visible upon entry onto the property.

Gate dimensions, posts, guide rollers, photo beams, reversing edges, hinges, and other gate hardware may vary in size, dimension, and placement and should not be used as an exact reference.

All loop sizing and placement dimensions indicated are solely intended for reference only, and not intended to be the final criterion for determining the loop sizing and placement on any automated vehicular gate project.

DoorKing, Inc does not assume responsibility or liability for any installation with regard to equipment/system malfunction, vehicle detector loop sizing and placement, or consequent damages or injuries caused thereby.

DoorKing, Inc. does not assume responsibility or liability for the installation and unauthorized changes to the design and operation of equipment, or alterations to the final site plan.

Layout_Description:
Gate Style = Single-leaf Swinging
DoorKing Model 6300
w/ One-Way Drive
w/ Free Exit
w/ Right-Hand Operator Mount
w/ 6' Loops for High Vehicles
Layout 3

UL 325 & ASTM F2200 SAFETY

If the gap between the bottom of a moving gate and the ground is greater than 1-1/4mm (4 inches) and less than 406 mm (16 inches) this area is considered to be an entrapment zone and therefore must be protected.
Gate Style = Single-leaf Swinging

DoorKing Model 6300
w/ One-Way Drive
w/ Free Exit
w/ Left-Hand Operator Mount
w/ 6’ Loops for High Vehicles

Layout 4

COMPONENTS
SL Slide Gate Operator
SW Swing Gate Operator: DoorKing Model 6300
PK Parking Barrier Operator
PB Photo Beam: DoorKing Model 8080-0xx
VL Vehicle Detecting Loop - DoorKing - Type 9402-xxx
OD1 Opening Device 1: DoorKing DKProx Card Reader
OD2 Opening Device 2:
OD3 Opening Device 3:
MP Mounting Post: DoorKing Model 1200-xxx
SP Slide Gate Panel
SWP Swing Gate Panel
GT Gate Travel
TS Tail Section

GENERAL NOTES
- Automated vehicular gates shall be designed and installed to be in strict compliance with the UL 325 Safety Standard and the ASTM F2200 Construction Standard.
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- Warning Signs must be installed and must be highly visible upon both entry and exit of the property, and must remain in place for the life of the gate operating system.
- Proper lane identification and vehicular direction signs should be highly visible upon entry into the property.
- Gate dimensions, posts, guide rollers, photo beams, reversing edges, hinges, and other gate hardware may vary in size, dimension, and placement and should not be used as an exact reference.
- All loop sizing and placement dimensions indicated are solely intended for reference only, and are not intended to be the final criterion for determining the loop sizing and placement on any automated vehicular gate project. DoorKing, Inc does not assume responsibility or liability for any installation with regard to equipment/system malfunction, vehicle detector loop sizing and placement, or consequent damages or injuries caused thereby.
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LAYOUT_DESCRIPTION

LAYOUT 4

NOT TO SCALE

UL 325 & ASTM F2200 SAFETY

If the gap between the bottom of a moving gate and the ground is greater than 1-1/16" (4 inches) and less than 4-1/2" (112 millimeters), this area is considered to be an entrapment zone and therefore must be protected.
COMPONENTS

SL  Slide Gate Operator  
SW  Swing Gate Operator: DoorKing Model 6300  
PK  Parking Barrier Operator  
PB  Photo Beam: DoorKing Model 8080-xxx  
VL  Vehicle Detecting Loop: DoorKing Model 9402-xxx  
RE  Reversing Edge: DoorKing Model 8080-xxx  
OD1 Opening Device 1: DoorKing D9Prox Card Reader  
OD2 Opening Device 2:  
OD3 Opening Device 3:  
MP  Mounting Post: DoorKing Model 1200-xxx  
SP  Slide Gate Panel  
SWP  Swing Gate Panel  
GT  Gate Travel  
TS  Tail Section  

GENERAL NOTES

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● Gate dimensions, posts, guide rollers, photo beams, reversing edges, hinges, and other gate hardware may vary in size, dimension, and placement and should not be used as an exact reference.  
● All loop sizing and placement dimensions indicated are solely intended for reference only, and are intended to be the final criteria for determining the loop sizing and placement on any automated vehicular gate project. DoorKing, Inc does not assume responsibility or liability for any installation with regard to equipment system malfunction, vehicle detector loop sizing and placement, or consequent damages or injuries caused thereby.  
● DoorKing, Inc. does not assume responsibility or liability for the installation and unauthorized changes to the design and operation of equipment, or alterations to the final site plan.  

LAYOUT_DESCRIPTION:

Gate Style = Single-leaf Swinging  
DoorKing Model 6300  
w/ Two-Way Drive  
w/ Entry& Exit Device  
w/ Right-Hand Operator Mount  
w/ 6' Loops for High Vehicles  
Layout 5
**COMPONENTS**

- **SL** Slide Gate Operator
- **SV** Swing Gate Operator: DoorKing Model 6300
- **PK** Parking Barrier Operator
- **PB** Photo Beam: DoorKing Model 8080-0xx
- **RE** Reversing Edge: DoorKing Model 8080-0xx
- **VL** Vehicle Detecting Loop - DoorKing - Type 9402-xxx
- **OD1** Opening Device 1: DoorKing DKProx Card Reader
- **OD2** Opening Device 2
- **OD3** Opening Device 3
- **MP** Mounting Post: DoorKing Model 1200-xxx
- **SP** Slide Gate Panel
- **SWP** Swing Gate Panel
- **GT** Gate Travel
- **TS** Tail Section

**LAYOUT_DESCRIPTION:**

Gate Style = Single-leaf Swinging

- DoorKing Model 6300
- w/ Two-Way Drive
- w/ Entry & Exit Device
- w/ Left-Hand Operator Mount
- w/ 6' Loops for High Vehicles

Layout 6

---

**UL 325 & ASTM F2200 SAFETY**

If the gap between the bottom of a moving gate and the ground is greater than 1-1/2mm (4 inches) and less than 406 mm (16 inches) this area is considered to be an entrapment zone and therefore must be protected.

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**LAYOUT_DESCRIPTION**

LAYOUT 6

---

**DOORKING®**

120 Glasgow Avenue
Inglewood, California 90301
Phone Contact: 310-645-0023
Website: www.doorking.com
Email: g hendrix@doorking.com
Gate Style = Single-leaf Swinging
DoorKing Model 6300
w/ Two-Way Drive
w/ Entry Device & Free Exit
w/ Right-Hand Operator Mount
w/ 6' Loops for High Vehicles

Layout 7
**COMPONENTS**

<table>
<thead>
<tr>
<th>SL</th>
<th>Slide Gate Operator</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW</td>
<td>Swing Gate Operator: DoorKing Model 6300</td>
</tr>
<tr>
<td>PK</td>
<td>Parking Barrier Operator</td>
</tr>
<tr>
<td>PB</td>
<td>Photo Beam: DoorKing Model 8080-0xx</td>
</tr>
<tr>
<td>RE</td>
<td>Reversing Edge: DoorKing Model 8080-0xx</td>
</tr>
<tr>
<td>VL</td>
<td>Vehicle Detecting Loop - DoorKing - Type 9402-xxx</td>
</tr>
<tr>
<td>OD1</td>
<td>Opening Device 1: DoorKing DKProx Card Reader</td>
</tr>
<tr>
<td>OD2</td>
<td>Opening Device 2:</td>
</tr>
<tr>
<td>OD3</td>
<td>Opening Device 3:</td>
</tr>
<tr>
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<td>Mounting Post: DoorKing Model 1200-xxx</td>
</tr>
<tr>
<td>SP</td>
<td>Slide Gate Panel</td>
</tr>
<tr>
<td>SWP</td>
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<td>GT</td>
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<tr>
<td>TS</td>
<td>Tail Section</td>
</tr>
</tbody>
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**LAYOUT_DESCRIPTION**

Gate Style = Single-leaf Swinging

DoorKing Model 6300
w/ Two-Way Drive
w/ Entry Device & Free Exit
w/ Left-Hand Operator Mount
w/ 6' Loops for High Vehicles

Layout 8

**UL 325 & ASTM F2200 SAFETY**

If the gap between the bottom of a moving gate and the ground is greater than 1-1mm (4 inches) and less than 406 mm (16 inches) this area is considered to be an entrapment zone and therefore must be protected.

120 Glasgow Avenue
Inglewood, California 90301
Phone Contact: 310-645-0023
Website: www.doorking.com
Email: ghenidix@doorking.com
LAYOUT_DESCRIPTION:
Gate Style = Single-leaf Swinging
DoorKing Model 6300
w/ Two-Way Drive
w/ Entry& Exit Device
w/ Bi-parting Operator Mount
w/ 6' Loops for High Vehicles

Layout 9
LAYOUT_DESCRIPTION:

Gate Style = Dual-leaf Swinging
GateKing Model 6300
w/ Two-Way Drive
w/ Entry Device & Free Exit
w/ Bi-parting Operator Mount
w/ 6" Loops for High Vehicles

Layout 10
Components:

- SL Slide Gate Operator
- SWV Swing Gate Operator: DoorKing Model 6300
- PK Parking Barrier Operator
- PB Photo Beam: DoorKing Model 8080-0xx
- RE Reversing Edge: DoorKing Model 8080-0xx
- VL Vehicle Detecting Loop: DoorKing, Type 9402-xxx
- OD1 Opening Device 1: DoorKing DKProx Card Reader
- OD2 Opening Device 2
- OD3 Opening Device 3
- MP Mounting Post: DoorKing Model 1200-xxx
- SP Slide Gate Panel
- SWP Swing Gate Panel
- GT Gate Travel
- TS Tail Section

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Layout Description:

- Gate Style = Single-leaf Swinging
- DoorKing Model 6300 w/ One-Way Drive & Turn-around
- Telephone Entry System
- DoorKing Card Reader/Keypad
- Right-hand Operator Mount
- w/ 6' Loops for High Vehicles

Layout 11

UL 325 & ASTM F2200 Safety

If the gap between the bottom of a moving gate and the ground is greater than 1-1/2mm (4 inches) and less than 406 mm (16 inches), this area is considered to be an entrapment zone and therefore must be protected.

Photo-beams must extend to cover entire length of swing gate.

Reversing Edge Photo-beam 21" - 27.5 from grade within 5" of gate on outside of gate

FALL-OVER PREVENTION STRAP

120 Glasgow Avenue
Inglewood, California 90301
Phone Contact: 310-645-0023
Website: www.doorking.com
Email: ghendrix@doorking.com
LAYOUT_DESCRIPTION:

Gate Style = Single-leaf Swinging
DoorKing Model 6300
w/ One-Way Drive & Offset Turn-around
w/ Telephone Entry System
w/ Left-hand Operator Mount
w/ 6 Loops for High Vehicles

LAYOUT 12

NOT TO SCALE