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DoorKing Model 9000 Slide Gate Elevation Drawings and Typical Lane Layouts with 4' Vehicle Loops for Normal Vehicles

DoorKing Model 9000 - Elevations Drawings
Top Illustration: 9000 shown with Cantilevered Gate
Bottom Illustration: 9000 shown with V-Groove Track Gate
9000 - Top View
9000 - Side View
9000 - Front View

Layout 1
DoorKing Model 9000
Gate Style: V-Groove Track
DoorKing Model 9000 w/One-Way Entrance Drive
w/Access Device
w/Right-Hand Operator Mount
w/4' Loops for Normal Vehicles

Layout 2
Gate Style: V-Groove Track
DoorKing Model 9000 w/One-Way Entrance Drive
w/Access Device
w/Left-Hand Operator Mount
w/4' Loops for Normal Vehicle

Layout 3
Gate Style: V-Groove Track
DoorKing Model 9000 w/One-Way Free Exit Drive
w/Right-Hand Operator Mount
w/4' Loops for Normal Vehicles

Layout 4
Gate Style: V-Groove Track
DoorKing Model 9000 w/Two-Way Drive
w/Entry Device & Free Exit
w/Left-Hand Operator Mount
w/4' Loops for Normal Vehicles

Layout 5
Gate Style: V-Groove Track
DoorKing Model 9000 w/Two-Way Drive
w/Entry Device & Exit Device
w/Right-Hand Operator Mount
w/4' Loops for Normal Vehicles

Layout 6
Gate Style: V-Groove Track
DoorKing Model 9000 w/Two-Way Drive
w/Entry Device & Exit Device
w/Left-Hand Operator Mount
w/4' Loops for Normal Vehicles

Layout 7
Gate Style: V-Groove Track
DoorKing Model 9000 w/Two-Way Drive
w/Entry Device & Free Exit
w/Right-Hand Operator Mount
w/4' Loops for Normal Vehicles

Layout 8
Gate Style: V-Groove Track
DoorKing Model 9000 w/Two-Way Drive
w/Entry Device & Free Exit
w/Left-Hand Operator Mount
w/4' Loops for Normal Vehicles

Layout 9
Gate Style: V-Groove Track
DoorKing Model 9000 w/Two-Way Drive
w/Entry Device & Exit Device
w/Bi-parting Operator Mount
w/4' Loops for Normal Vehicles

Layout 10
Gate Style: V-Groove Track
DoorKing Model 9000 w/Two-Way Drive
w/Entry Device & Exit Device
w/Bi-parting Operator Mount
w/4' Loops for Normal Vehicles

Layout 11
Gate Style: V-Groove Track
DoorKing Model 9000 w/Two-Way Drive
w/Entry Device & Free Exit
w/Right-Hand Operator Mount
w/4' Loops for Normal Vehicles

Layout 12
Gate Style: V-Groove Track
DoorKing Model 9000 w/One-Way Entrance Drive
w/Regular Turn-around
w/Telephone Entry System
w/DoorKing Card Reader/Keypad
w/Left-hand Operator Mount
w/4' Loops for Normal Vehicles

Layout 13
Gate Style: V-Groove Track
DoorKing Model 9000 w/One-Way Entrance Drive
w/Off-set Turn-around
w/Telephone Entry System
w/DoorKing Card Reader/Keypad
w/Left-hand Operator Mount
w/4' Loops for Normal Vehicles

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.
Photo-beam must cover the entire travel of the gate!

**LAYOUT DESCRIPTION:**
Gate Style: V-Groove Track

DoorKing Model 9000
w/One-Way Drive
w/Access Device
w/Right-Hand Operator Mount
w/4' Loops for Normal Vehicles

Layout 1
Photo-beam must cover the entire travel of the gate!

LAYOUT DESCRIPTION:
Gate Style: V-Groove Track

DoorKing Model 9000
w/One-Way Drive
w/Left-Hand Operator Mount
w/4' Loops for Normal Vehicles

Layout 2

COMPONENTS

SL Slide Gate Operator: DoorKing Model 9000
SW Swing Gate Operator
PK Parking Barrier Operator
PB Photo Beam: DoorKing Model 8080-031
RE Reversing Edge: DoorKing Model 8080-box
VL Vehicle Detecting Loop - DoorKing - Type 9402-xxx
OD1 Opening Device 1: DoorKing DKProx Card Reader
OD2 Opening Device 2: DoorKing Telephone Entry Sys
OD3 Opening Device 3:
MP Mounting Post: DoorKing Model 1200-xxx
SP Side 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.

This drawing is for the sole purpose of general gate operator 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 Marshall, 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 not intended to be the final criterion for determining the loop sizing and placement on any automatic 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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Photo-beam must cover the entire travel of the gate!

LAYOUT DESCRIPTION:
Gate Style: V-Groove Track
DoorKing Model 9000
w/One-Way Drive
w/Free Exit
w/Right-Hand Operator Mount
w/4' Loops for Normal Vehicles

Layout 3

COMPONENTS
- SL: Slide Gate Operator: DoorKing Model 9000
- SW: Swing Gate Operator:
- PK: Parking Barrier Operator:
- PB: Photo Beam: DoorKing Model 8080-031
- 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: DoorKing Telephone Entry Sys
- OD3: Opening Device 3:
- SP: Slide Gate Panel
- SWP: Swing Gate Panel
- GT: Gate Travel
- TS: TAIL SECTION

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DOORKING®
120 Glasgow Avenue
Inglewood, California 90301
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Website: www.doorking.com
Email: ghendrix@doorking.com
**COMPONENTS**

- SL: Slide Gate Operator - DoorKing Model 9000
- SW: Swing Gate Operator
- PK: Parking Barrier Operator
- PB: Photo Beam - DoorKing Model 8080-031
- RE: Reversing Edge - DoorKing Model 9000-0xx
- VL: Vehicle Detecting Loop - DoorKing - Type 9402-xxx
- OD1: Opening Device 1 - DoorKing DKProx Card Reader
- OD2: Opening Device 2 - DoorKing Telephone Entry Sys
- OD3: Opening Device 3
- AP: Mounting Post - DoorKing Model 1200-xxx
- SL: Slide Gate Panel
- SWP: Swing Gate Panel
- GT: Gate Travel
- TS: Tail Section

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**LAYOUT_DESCRIPTION**

**LAYOUT 4**

- Gate Style: V-Groove Track
- DoorKing Model 9000
- w/One-Way Drive
- w/Free Exit
- w/Left-Hand Operator Mount
- w/4' Loops for Normal Vehicles

**NOT TO SCALE**
Photo-beam must cover the entire travel of the gate!

**COMPONENTS**
- **SL** Slide Gate Operator: DoorKing Model 9000
- **SW** Swing Gate Operator:
- **PK** Parking Barrier Operator:
- **PB** Photo Beam: DoorKing Model B080-031
- **RE** Reversing Edge: DoorKing Model B080-0xx
- **VL** Vehicle Detecting Loop - DoorKing - Type 9402-xxx
- **OD1** Opening Device 1: DoorKing DKProx Card Reader
- **OD2** Opening Device 2: DoorKing Telephone Entry Sys
- **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: V-Groove Track

DoorKing Model 9000
w/Two-Way Drive
w/Entry & Exit Device
w/Right-Hand Operator Mount
w/4' Loops for Normal Vehicles

Layout 5

**GENERAL NOTES**
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**LAYOUT DESCRIPTION**
DoorKing Model 9000
w/Two-Way Drive
w/Entry & Exit Device
w/Right-Hand Operator Mount
w/4' Loops for Normal Vehicles

**NOT TO SCALE**

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Inglewood, California 90301
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Email: ghendrix@doorking.com
COMPONENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SL</td>
<td>Slide Gate Operator: DoorKing Model 9000</td>
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<td>SW</td>
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<td>PK</td>
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<td>PB</td>
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<td>RE</td>
<td>Reversing Edge: DoorKing Model 8980-box</td>
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<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: DoorKing Telephone Entry Sys</td>
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<tr>
<td>OD3</td>
<td>Opening Device 3:</td>
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<td>MP</td>
<td>Mounting Post: DoorKing Model 1200-xxx</td>
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<td>Slide Gate Panel</td>
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<td>GT</td>
<td>Gate Travel</td>
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<td>TS</td>
<td>Tail Section</td>
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LAYOUT DESCRIPTION:
Gate Style: V-Groove Track

DoorKing Model 9000
w/Two-Way Drive
w/Entry & Exit Device
w/Left-Hand Operator Mount
w/4' Loops for Normal Vehicles

Layout 6

Photo-beam must cover the entire travel of the gate!
Photo-beam must cover the entire travel of the gate!

REVERSING LOOP
4' x 8'

OPEN/EXIT LOOP
4' x 8'

COMPONENTS

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<tbody>
<tr>
<td>SL</td>
<td>Slide Gate Operator: DoorKing Model 9000</td>
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<tr>
<td>SW</td>
<td>Swing Gate Operator:</td>
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<tr>
<td>PK</td>
<td>Parking Barrier Operator:</td>
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<tr>
<td>PB</td>
<td>Photo Beam: DoorKing Model 8080-031, 8080-032</td>
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<tr>
<td>VL</td>
<td>Vehicle Detecting Loop: DoorKing - Type 9402-xx</td>
</tr>
<tr>
<td>OD1</td>
<td>Opening Device 1: DoorKing DKProx Card Reader</td>
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<tr>
<td>OD2</td>
<td>Opening Device 2: DoorKing Telephone Entry Sys</td>
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<tr>
<td>OD3</td>
<td>Opening Device 3:</td>
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<tr>
<td>MP</td>
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<tr>
<td>SP</td>
<td>Slide Gate Panel</td>
</tr>
<tr>
<td>SWP</td>
<td>Swing Gate Panel</td>
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<td>GT</td>
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<td>TS</td>
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LAYOUT DESCRIPTION:

Gate Style: V-Groove Track
DoorKing Model 9000
w/Two-Way Drive
w/Entry Device & Free Exit
w/Right-Hand Operator Mount
w/4’ Loops for Normal Vehicles
Layout 7

DoorKing, Inc
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Inglewood, California 90301
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Email: ghendrix@doorking.com
Photo-beam must cover the entire travel of the gate!
Photo-beam must cover the entire travel of the gate!

Components:
- SL: Slide Gate Operator: DoorKing Model 9000
- SW: Swing Gate Operator:
- PK: Parking Barrier Operator:
- PB: Photo Beam: DoorKing Model 8080-031
- RE: Reversing Edge: DoorKing Model 8060-xx
- VL: Vehicle Detecting Loop: DoorKing Type 9402-xxx
- OD1: Opening Device 1: DoorKing DKProx Card Reader
- OD2: Opening Device 2: DoorKing Telephone Entry Sys
- 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: V-Groove Track
- DoorKing Model 9000
- w/Two-Way Drive
- w/Entry & Exit Device
- w/Bi-parting Operator Mount
- w/Loops for Normal Vehicles

Layout 9

General Notes:
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NOT TO SCALE

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LAYOUT DESCRIPTION:
Gate Style: V-Groove Track
DoorKing Model 9000
w/Two-Way Drive
w/Entry & Exit Device
w/Bi-parting Operator Mount
w/4' Loops for Normal Vehicles

LAYOUT 10

NOT TO SCALE

COMPONENTS
SL Slide Gate Operator: DoorKing Model 9000
SW Swing Gate Operator:
PK Parking Barrier Operator:
PB Photo Beam: DoorKing Model 8080-031
RE Reversing Edge: DoorKing Model 8080-xxx
VL Vehicle Detecting Loop - DoorKing - Type 9402-xxx
OD1 Opening Device 1: DoorKing DKProx Card Reader
OD2 Opening Device 2: DoorKing Telephone Entry Sys
OD3 Opening Device 3:
MP Mounting Post: DoorKing Model 1200-xxx
SP Slide Gate Panel
SPWP Swing Gate Panel
GT Gate Travel
TS FAD SECTION

GERALD NOTES
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<tbody>
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<tr>
<td>SVW</td>
<td>Swing Gate Operator:</td>
</tr>
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<td>PK</td>
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<td>PB</td>
<td>Photo Beam: DoorKing Model 8080-031</td>
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<tr>
<td>RE</td>
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<td>OD1</td>
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<td>OD3</td>
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<td>Mounting Post: DoorKing Model 1200-xxx</td>
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<td>SP</td>
<td>Slide Gate Panel</td>
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<tr>
<td>SWP</td>
<td>Swing Gate Panel</td>
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<td>GT</td>
<td>Gate Travel</td>
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<td>TS</td>
<td>Tail Section</td>
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</tbody>
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**LAYOUT DESCRIPTION:**

Gate Style: V-Groove Track  
DoorKing Model 9000  
w/One-Way Drive & Turn-around  
w/DoorKing Card Reader/Keypad  
w/Left-hand Operator Mount  
w/4 Loops for High Vehicles  
Layout 12

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**NOT TO SCALE**

**LAYOUT DESCRIPTION: LAYOUT 12**

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

TURN-AROUND  
Shown as an example only.  
Actual distance, location of curbing and visitor phone island to be determined by "Local Authority Having Jurisdiction".

REVERSING LOOP  
4' x 8'

ARMING LOOP  
4' x 8'

REVERSING LOOP  
4' x 8'

Photo-beam must cover the entire travel of the gate.
TURN-AROUND
Shown as an example only.
Actual distances, dimensions, and exact location of curbing and visitor phones must be determined by "Local Authority Having Jurisdiction."

LAYOUT DESCRIPTION:
Gate Style: V-Groove Track
DoorKing Model 9000
w/One-Way Drive & Off-set Turn-around
w/Telephone Entry System
DoorKing Card Reader/Keypad
w/Left-hand Operator Mount
w/4' Loops for High Vehicles

Components:
- Slide Gate Operator: DoorKing Model 9000
- Swing Gate Operator:
- Parking Barrier Operator:
- Photo Beam: DoorKing Model 8080-031
- Reversing Edge: DoorKing Model 8080-0xx
- Vehicle Detecting Loop - DoorKing - Type 9402-xxx
- Opening Device 1: DoorKing DKProx Card Reader
- Opening Device 2: DoorKing Telephone Entry Sys
- Opening Device 3:
- Mounting Post: DoorKing Model 1200-xxx
- Side Gate Panel
- Swing Gate Panel
- Gate Travel
- 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.
- This drawing is for the sole purpose of general gate operator 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 Marshall, Building Inspector, Street and Alley Departments.
- 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 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.