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<tr>
<td>5</td>
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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.
- The 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.
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### NTS

- NOT TO SCALE

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### DKS®

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

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

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

PHOTO-BEAM extend to cover entire grade & within 5" of gate

21" - 27.5" from PHOTO-BEAM

PHOTO-BEAM

CONCRETE PAD

GATE POST

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

REVERSING EDGE ON LEADING EDGE

The local frost line depth and local electrical /building codes may require the concrete pad be deeper than the 30" minimum.

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MODEL: 6524
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), therefore must be protected.

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

PHOTO-BEAM

21" - 27.5 from within 5" of grade

Gate Style = Single-leaf Swinging

w/ 4' Loops for Normal Vehicles

LAYOUT_DESCRIPTION:

Gate Style = Single-leaf Swinging

DoorKing Model 6524
w/ One-Way Drive
w/ Access Device
w/ Right-Hand Operator Mount
w/ 4' Loops for Normal Vehicles

Layout 1

COMPONENTS

SL  Slide Gate Operator
SV Swing Gate Operator - DoorKing Model 6524
PK Parking Barrier Operator
PB Photo Beam - DoorKing Model 8080-0xx
RE Reversing Edge - DoorKing Model 8080-0xx
VL Vehicle Detecting Loop - DoorKing - Type 9402-0xx
OD1 Opening Device 1: DoorKing D9Prox Card Reader
OD2 Opening Device 2:
OD3 Opening Device 3:
MS Mounting Post: DoorKing Model 1200-0xx
SP Slide Gate Panel
SW Swing Gate Panel
GT Gate Travel:
TS Tail Section

LAYOUT_DESCRIPTION:

Gate Style = Single-leaf Swinging

DoorKing Model 6524
w/ One-Way Drive
w/ Access Device
w/ Right-Hand Operator Mount
w/ 4' Loops for Normal Vehicles

Layout 1

UL 325 & ASTM F2200 SAFETY

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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 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:

Gate Style = Single-leaf Swinging

DoorKing Model 6524
w/ One-Way Drive
w/ Access Device
w/ Right-Hand Operator Mount
w/ 4' Loops for Normal Vehicles
COMPONENTS

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<tr>
<th>Code</th>
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<tbody>
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<tr>
<td>SW</td>
<td>Swing Gate Operator: DoorKing Model 6524</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>
<td>SP</td>
<td>Mounting Post: DoorKing Model 1200-xxx</td>
</tr>
<tr>
<td>SWP</td>
<td>Slide Gate Panel</td>
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<tr>
<td>GT</td>
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LAYOUT_DESCRIPTION:

Gate Style = Single-leaf Swinging

DoorKing Model 6524
w/ One-Way Drive
w/ Access Device
w/ Left-Hand Operator Mount
w/ 4' Loops for Normal Vehicles

Layout 2
Inglewood, California 90301

Email: ghendrix@doorking.com

Phone Contact: 310-645-0023

Website: www.doorking.com

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**LAYOUT_DESCRIPTION:**

*Gate Style = Single-leaf Swinging*

DoorKing Model 6524
- w/ One-Way Drive
- w/ Free Exit
- w/ Left-Hand Operator Mount
- w/ 4' Loops for Normal Vehicles

*Layout 4*

---

**UL 325 & ASTM F2200 SAFETY**

If the gap between the bottom of a moving gate and the ground is greater than 1-1/16 inches (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 6524
- w/ One-Way Drive
- w/ Free Exit
- w/ Left-Hand Operator Mount
- w/ 4' Loops for Normal Vehicles

*Layout 4*
If the gap between the bottom of a moving gate and the ground is greater than 1-1/2" (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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UL 325 & ASTM F2200 SAFETY

COMPONENTS

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SV Swing Gate Operator: DoorKing Model 6524
PK Parking Barrier Operator
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VL Vehicle Detecting Loop - DoorKing - Type 9402-xxx
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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
PS Picket Spacing
VL Variable Lubrication
TS Tail Section

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● Working 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 the installation and unauthorized changes to the design and operation of equipment, or alterations to the final site plan.
If the gap between the bottom of a moving gate and the ground is greater than 11 mm (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
GateKing Model 6524
w/ Two-Way Drive
w/ Entry & Exit Device
w/ Left-Hand Operator Mount
w/ 4' Loops for Normal Vehicles

Layout 6
If the gap between the bottom of a moving gate and the ground is greater than 1-1/16 inches (4 mm) and less than 16 inches (406 mm), this area is considered to be an entrapment zone and therefore must be protected.

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

PHOTO-BEAM

21" - 27.5 from within 5" of grade

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.

Components:
- Slide Gate Operator: DoorKing Model 6524
- Swing Gate Operator: DoorKing Model 6524
- Parking Barrier Operator: DoorKing Model 6524
- Photo Beam: DoorKing Model 8080-0xx
- Reversing Edge: DoorKing Model 8080-0xx
- Vehicle Detecting Loop - DoorKing - Type 9422-xx
- OD1 Opening Device 1: DoorKing DPRO 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.
- 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, damage, 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 up 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.

Layout Description:
Gate Style = Single-leaf Swinging
DoorKing Model 6524
w/ Two-Way Drive
w/ Entry Device & Free Exit
w/ Right-Hand Operator Mount
w/ 4' Loops for Normal Vehicles

Layout 7
COMPONENTS
- SL: Slide Gate Operator
- SW: Swing Gate Operator: DoorKing Model 6524
- PK: Parking Barrier Operator
- PB: Photo Beam: DoorKing Model 8080-xx
- RE: Reversing Edge: DoorKing Model 8080-xx
- VL: Vehicle Detecting Loop - DoorKing - Type 9402-xx
- OD1: Opening Device 1: DoorKing DKProx Card Reader
- OD2: Opening Device 2:
- OD3: Opening Device 3: Swing Gate Operator: DoorKing Model 6524
- GT: Gate Travel
- TS: Tail Section

LAYOUT_DESCRIPTION:

Gate Style = Single-leaf Swinging
DoorKing Model 6524
w/ Two-Way Drive
w/ Entry Device & Free Exit
w/ Left-Hand Operator Mount
w/ 4' Loops for Normal Vehicles

Layout 8

GENERAL NOTES
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- 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 = Dual-leaf Swinging
DoorKing Model 6524
w/ Two-Way Drive
w/ Entry & Exit Device
w/ 4’ Loops for Normal Vehicles

Layout 9
LAYOUT_DESCRIPTION:

Gate Style = Dual-leaf Swinging

DoorKing Model 6524
w/ Two-Way Drive
w/ Entry& Exit Device
w/ 4' Loops for Normal Vehicles

Layout 10
If the gap between the bottom of a moving gate and the ground is greater than 1-1/2" (4 inches) and less than 406 mm (16 inches), this area is considered to be an entrapment zone and therefore must be protected.

**UL 325 & ASTM F2200 SAFETY**
COMPONENTS

VL Vehicle Detection Loop - DoorKing, Type 9402-xxx
OD1 Opening Device 1: DoorKing DKProx Card Reader
OD2 Opening Device 2:
OD3 Opening Device 3:
SL 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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- Gate operators, openers, and related components/systems shall comply with the requirements of the UL Safety Standard.

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