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DoorKing Model 1601 Barrier Gate Elevation Drawings

and Typical Lane Layouts with 4’ Vehicle Loops for Normal Vehicles

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<td>w/4’ Loops for Normal Vehicles</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.
- 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 grades, existing public utilities, landscape, drainage, site peculiarities, or requirements by the authority having jurisdiction, i.e. 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 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 parameter/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.**

**NOT TO SCALE***
Model: 1601
Parking Barrier Arm
with 14’ aluminum arm kit.

The concrete pad be deeper than the 30” minimum.
LAYOUT DESCRIPTION:
Gate Style: Parking Barrier Arm

DoorKing Model 1601
w/14' Aluminum Arm Kit
w/One-Way Drive
w/Access Device
w/Right-hand Operator Mount
w/4' Loops for High Vehicles

Layout 1
NOT A WALKWAY

LAYOUT DESCRIPTION:
Gate Style: Parking Barrier Arm
DoorKing Model 1601
w/14' Aluminum Arm Kit
w/One-Way Drive
w/Access Device
w/Left-hand Operator Mount
w/4' Loops for High Vehicles

Layout 2

120 Glasgow Avenue
Inglewood, California 90301
Phone Contact: 310-645-0023
Website: www.doorking.com
Email: ghendrix@doorking.com
Layout Description:
Gate Style: Parking Barrier Arm

DoorKing Model 1601
w/14' Aluminum Gate Arm Kit
w/One-Way Drive
w/Free Exit Loop
w/Right-hand Operator Mount
w/4' Loops for Normal Vehicles

Layout 3

Components:
- Slide Gate Operator: SL
- Swing Gate Operator: SW
- Parking Barrier Operator: PK
- Photo Beam: DoorKing Model 8080-0xx
- 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
- Slide Gate Panel: SP
- Swing Gate Panel: SWP
- Gate Trolley: GT
- Tail Section: TS

General Notes:
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- DoorKing, Inc does not assume responsibility or liability for any installation with regard to 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.
COMPONENTS

SL Slide Gate Operator
SW Swing Gate Operator
PK Parking Barrier Operator - DoorKing Model 1601
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: DoorKing Telephone Entry Sys
OD3 Opening Device 3:
MP Mounting Post - DoorKing Model 1200-xxx
SL Slide Gate Panel
SWP Swing Gate Panel
GT Gate Travel
TS Tail Section

GENERAL NOTES

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LAYOUT DESCRIPTION:
Gate Style: Parking Barrier Arm
DoorKing Model 1601
w/14’ Aluminum Arm Kit
w/One-Way Drive
w/Free Exit Loop
w/Left-hand Operator Mount
w/4’ Loops for Normal Vehicles
Layout 4
NOT A WALKWAY

Gate Style: Parking Barrier Arm

DoorKing Model 1601
w/14’ Aluminum Arm Kit
w/Two-Way Drive
w/Entry & Exit Device
w/Right-hand Operator Mount
w/4’ Loops for Normal Vehicles

Layout 5

LAYOUT DESCRIPTION:

COMPONENTS

SL Slide Gate Operator
SW Swing Gate Operator
PK Parking Barrier Operator: DoorKing Model 1601
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 DKProx Card Reader
OD2 Opening Device 2: DoorKing Telephone Entry Sys
OD3 Opening Device 3: DoorKing DKProx Card Reader
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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● 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, and other gate hardware may vary in size, dimension, and placement and should not be used as an exact reference.

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NOT A WALKWAY

LAYOUT DESCRIPTION:
Gate Style: Parking Barrier Arm
DoorKing Model 1601
w/14' Aluminum Arm Kit
w/Two-Way Drive
w/Entry & Exit Device
w/Left-hand Operator Mount
w/4' Loops for Normal Vehicles

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

COMPONENTS

TL Slide Gate Operator:
SW Swing Gate Operator:
PK Parking Barrier Operator: DoorKing Model 1601
PB Photo Beam: DoorKing Model 8080-xxx
RE Reversing Edges: 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:  
ML Mounting Post: DoorKing Model 1200-xxx
SL Slide Gate Panel
SWP Swing Gate Panel
GT Gate Travel
TS Tail Section

GENERAL NOTES

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LAYOUT DESCRIPTION
Layout 6

NOT TO SCALE
Gate Style: Parking Barrier Arm

Gate Travel

Tail Section

Vehicle Detecting Loop - DoorKing - Type 9402-xxx

Opening Device 1: DoorKing DKProx Card Reader

Opening Device 2: DoorKing Telephone Entry System

Opening Device 3:

Mounting Post: DoorKing Model 1200-xxx

Slide Gate Panel

Swing Gate Panel

Components

Compliance with the UL 325 Safety Standard and the ASTM F2200 Construction Standard. 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.

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NOT A WALKWAY

LAYOUT DESCRIPTION:
Gate Style: Parking Barrier Arm
DoorKing Model 1601
w/14’ Aluminum Arm Kit
w/Two-Way Drive
w/Left-hand Operator Mount
w/4’ Loops for Normal Vehicles

Layout 8

COMPONENTS
- Slide Gate Operator:
- Swing Gate Operator:
- Parking Barrier Operator: DoorKing Model 1601
- Photo Beam: DoorKing Model 8080-0xx
- 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
- Slide Gate Panel
- Swing Gate Panel
- Gate Travel
- Tail Section

NOT TO SCALE

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120 Glasgow Avenue
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Website: www.doorking.com
Email: ghendrix@doorking.com
COMPONENTS

- SL: Slide Gate Operator
- SW: Swing Gate Operator
- PK: Parking Barrier Operator - DoorKing Model 1601
- PB: Photo Beam: DoorKing Model 8080-0xx
- RE: Reversing Edge: DoorKing Model 8080-0xx
- DL: 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: Reversing Edge: DoorKing Model 8080-0xx
- SP: Slide Gate Panel
- SWP: Swing Gate Panel
- GT: Gate Travel
- TS: Tail Section

GENERAL NOTES

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LAYOUT DESCRIPTION:
Gate Style: Parking Barrier Arm
DoorKing Model 1601
w/14' Aluminum Arm Kit
w/Two-Way Drive w/ Entry & Exit Device
w/Bi-parting Operator Mount
w/4' Loops for Normal Vehicles

Layout 9

120 Glasgow Avenue
Inglewood, California 90301
Phone Contact: 310-645-0023
Website: www.doorking.com
Email: ghendrix@doorking.com
NOT A WALKWAY

LAYOUT DESCRIPTION:
Gate Style: Parking Barrier Arm

DoorKing Model 1601
w/14’ Aluminum Arm Kit
w/One-Way Exit Drive
w/Bi-parting Operator Mount
w/4’ Loops for Normal Vehicles

Layout 10

COMPONENTS
SL Slide Gate Operator
SW Swing Gate Operator
PK Parking Barrier Operator: DoorKing Model 1601
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: 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

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COMPONENTS
SL Slide Gate Operator
SW Swing Gate Operator
PK Parking Barrier Operator: DoorKing Model 1601
PB Photo Beam: DoorKing Model 8080-0xx
RE Reversing Edge: DoorKing Model 8080-0xx
UL Remote Switching 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: Parking Barrier Arm
DoorKing Model 1601
w/14' Aluminum Arm Kit
w/Two-Way Drive
w/Entry Device
w/Free Exit Loop
w/Bi-parting Operator Mount
w/4' Loops for Normal Vehicles

NOT A WALKWAY

LAYOUT DESCRIPTION
Layout 11

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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 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
Layout 11

NTS
NOT TO SCALE

DKS®
DOORKING®
**COMPONENTS**

- SL: Slide Gate Operator
- SW: Swing Gate Operator
- PK: Parking Barrier Operator: DoorKing Model 1601
- PB: Photo Beam: DoorKing Model 8880-0xx
- RE: Reversing Edge: DoorKing Model 8880-0xx
- VL: Vehicle Detecting Loop: DoorKing Type 9402-xxx
- OD1: Opening Device 1: DoorKing DKProx Card Reader
- OD2: Opening Device 2: DoorKing Telephone Entry System
- OD3: Opening Device 3: DoorKing Telephone Entry System
- SP: Slide Gate Panel
- SWP: Swing Gate Panel
- GT: Gate Travel
- MP: Mounting Post: DoorKing Model 1200-xxx

**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 Marshal, 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.
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**LAYOUT_DESCRIPTION**

Layput 12

Doorking Model 1601
w/14' Aluminum Arm Kit
w/DoorKing Card Reader/Keypad Entry
w/DoorKing Card Reader/Keypad Exit
w/4' Loops for Normal Vehicles

**LAYOUT_DESCRIPTION:**

Gate Style: Parking Barrier Arm

DoorKing Model 1601
w/14' Aluminum Arm Kit
w/DoorKing Card Reader/Keypad Entry
w/DoorKing Card Reader/Keypad Exit
w/4' Loops for Normal Vehicles

Layout 12

120 Glasgow Avenue
Inglewood, California 90301
Phone Contact: 310-645-0023
Website: www.doorking.com
Email: ghendrix@doorking.com
NOT A WALKWAY

LAYOUT DESCRIPTION:
Gate Style: Parking Barrier Arm
DoorKing Model 1601
w/14' Aluminum Arm Kit
w/DoorKing Card Reader/Keypad Entry
w/Free Exit Loop
w/4' Loops for Normal Vehicles

Layout 13
NOT A WALKWAY

NO TURN-AROUND shown as an example only. Actual distances, dimensions, turning radii, and exact location of curbing and visitor phone island to be determined by "Local Authority Having Jurisdiction."

LAYOUT DESCRIPTION:
Gate Style: Parking Barrier Arm
DoorKing Model 1601
w/14' Aluminum Arm Kit
w/One-Way Entrance
w/Turn-around
w/Telephone Entry
w/DoorKing Card Reader/Keypad
w/Right-hand Operator Mount
w/4' Loops for Normal Vehicles

Layout 14

COMPONENTS

SL Slide Gate Operator
SW Swing Gate Operator
PK Parking Barrier Operator: DoorKing Model 1601
PB Photo Beam: DoorKing Model 8080-0xx
RE Reversing Edge: DoorKing Model 8080-0xx
VL Remote Switching 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

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 foot-print 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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- 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.

NOT TO SCALE
LAYOUT DESCRIPTION:
Gate Style: Parking Barrier Arm
DoorKing Model 1601
w/14' Aluminum Arm Kit
w/One-Way Entrance
w/"Off-Set" Turn-around
w/Telephone Entry
w/DoorKing Card Reader/Keypad
w/Right-hand Operator Mount
w/4' Loops for Normal Vehicles

NOT A WALKWAY
20' MINIMUM

TURN-AROUND shown as an example only. Actual distances, dimensions, turning radii, and exact location of curbing and visitor phone island to be determined by "Local Authority Having Jurisdiction."

COMPONENTS
SL Slide Gate Operator
SW Swing Gate Operator
PK Parking Barrier Operator - DoorKing Model 1601
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: 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

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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- 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.

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

NOT A WALKWAY
4' x 8'

LAYOUT DESCRIPTION
Layout 15

NOT TO SCALE
DKS®
DOORKING®