

DOCUMENT HISTORY		
REV	DATE OF ORIGIN/RELEASE	05/22/2015
	DESCRIPTION OF REVISION	DATE

# CONTENTS

## DoorKing Model 1601 Barrier Gate Elevation Drawings and Typical Lane Layouts with 4' Vehicle Loops for Normal Vehicles

Elevations Drawings  
DoorKing Model 1601  
Parking Barrier Arm  
1601 - Top View  
1601 - Side View  
1601 - Front View

Layout 1  
DoorKing Model 1601  
Parking Barrier Arm  
w/14' Aluminum Arm Kit  
w/One-Way Entrance or Exit Drive  
w/DoorKing Card Reader/Keypad  
w/Right-hand Operator Mount  
w/4' Loops for Normal Vehicles

Layout 2  
DoorKing Model 1601  
Parking Barrier Arm  
w/14' Aluminum Arm Kit  
w/One-Way Entrance or Exit Drive  
w/DoorKing Card Reader/Keypad  
w/Left-hand Operator Mount  
w/4' Loops for Normal Vehicles

Layout 3  
DoorKing Model 1601  
Parking Barrier Arm  
w/14' Aluminum Arm Kit  
w/One-Way Exit Drive  
w/Right-hand Operator Mount  
w/4' Loops for Normal Vehicles

Layout 4  
DoorKing Model 1601  
Parking Barrier Arm  
w/14' Aluminum Arm Kit  
w/One-Way Exit Drive  
w/Left-hand Operator Mount  
w/4' Loops for Normal Vehicles

Layout 5  
DoorKing Model 1601  
Parking Barrier Arm  
w/14' Aluminum Arm Kit  
w/Two-Way Traffic  
w/DoorKing Card Reader/Keypad Entry  
w/DoorKing Card Reader/Keypad Exit  
w/Right-hand Operator Mount  
w/4' Loops for Normal Vehicles

Layout 6  
DoorKing Model 1601  
Parking Barrier Arm  
w/14' Aluminum Arm Kit  
w/Two-Way Traffic  
w/DoorKing Card Reader/Keypad Entry  
w/DoorKing Card Reader/Keypad Exit  
w/Left-hand Operator Mount  
w/4' Loops for Normal Vehicles

Layout 7  
DoorKing Model 1601  
Parking Barrier Arm  
w/14' Aluminum Arm Kit  
w/Two-Way Traffic  
w/DoorKing Card Reader/Keypad Entry  
w/Free Exit  
w/Right-hand Operator Mount  
w/4' Loops for Normal Vehicles

Layout 8  
DoorKing Model 1601  
Parking Barrier Arm  
w/14' Aluminum Arm Kit  
w/Two-Way Traffic  
w/DoorKing Card Reader/Keypad Entry  
w/Free Exit  
w/Left-hand Operator Mount  
w/4' Loops for Normal Vehicles

Layout 9  
DoorKing Model 1601  
Parking Barrier Arm  
w/14' Aluminum Arm Kit  
w/Two-Way Traffic  
w/DoorKing Card Reader/Keypad Entry  
w/DoorKing Card Reader/Keypad Exit  
w/Bi-parting Operator Mount  
w/4' Loops for Normal Vehicles

Layout 10  
DoorKing Model 1601  
Parking Barrier Arm  
w/14' Aluminum Arm Kit  
w/One-Way Exit Drive  
w/Bi-parting Operator Mount  
w/4' Loops for Normal Vehicles

Layout 11  
DoorKing Model 1601  
Parking Barrier Arm  
w/14' Aluminum Arm Kit  
w/Two-Way Traffic  
w/DoorKing Card Reader/Keypad Entry  
w/Free Exit  
w/Bi-parting Operator Mount  
w/4' Loops for Normal Vehicles

Layout 12  
DoorKing Model 1601  
Parking Barrier Arm  
w/14' Aluminum Arm Kit  
w/Two-Way Drive  
w/DoorKing Card Reader/Keypad Entry  
w/DoorKing Card Reader/Keypad Exit  
w/Center Island Operator Mount  
w/4' Loops for Normal Vehicles

Layout 13  
DoorKing Model 1601  
Parking Barrier Arm  
w/14' Aluminum Arm Kit  
w/Two-Way Drive  
w/DoorKing Card Reader/Keypad Entry  
w/Free Exit  
w/Center Island Operator Mount  
w/4' Loops for Normal Vehicles

Layout 14  
DoorKing Model 1601  
Parking Barrier Arm  
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 15  
DoorKing Model 1601  
Parking Barrier Arm  
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

### GENERAL NOTES

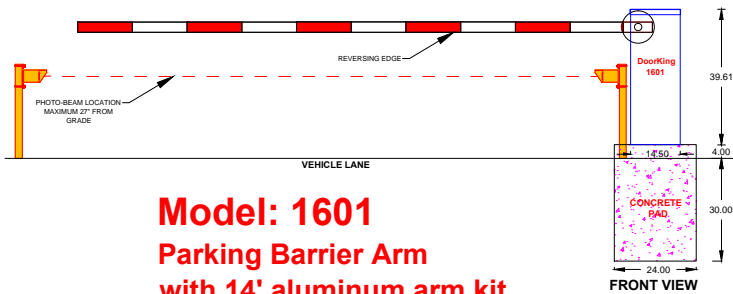
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### CONTENTS

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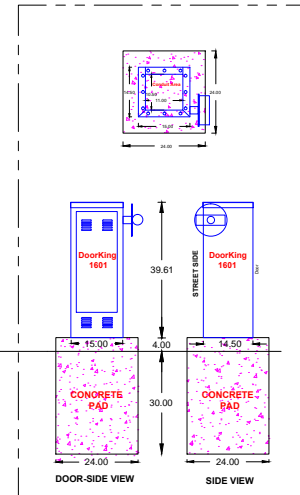
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Email: [ghendrix@doorking.com](mailto:ghendrix@doorking.com)



**Model: 1601  
Parking Barrier Arm  
with 14' aluminum arm kit.**

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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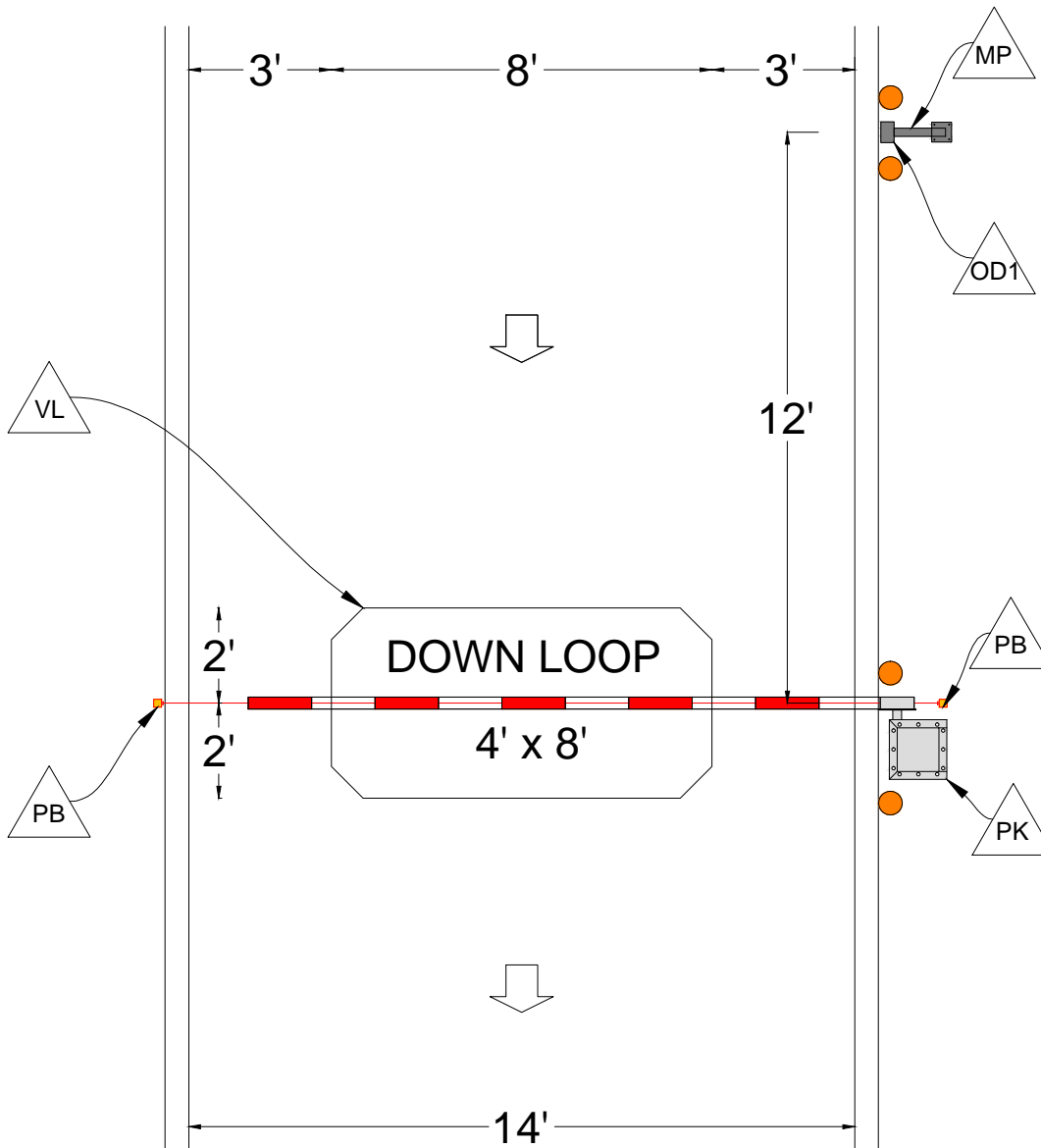
LAYOUT\_DESCRIPTION

ELEVATION VIEWS

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Email: [ghendrix@doorking.com](mailto:ghendrix@doorking.com)



COMPONENTS	
SL	Slide Gate Operator:
SW	Swing Gate Operator:
PK	Parking Barrier Operator: DoorKing Model 1601
PB	Photo Beam: DoorKing Model 8080-031
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:
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: 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**

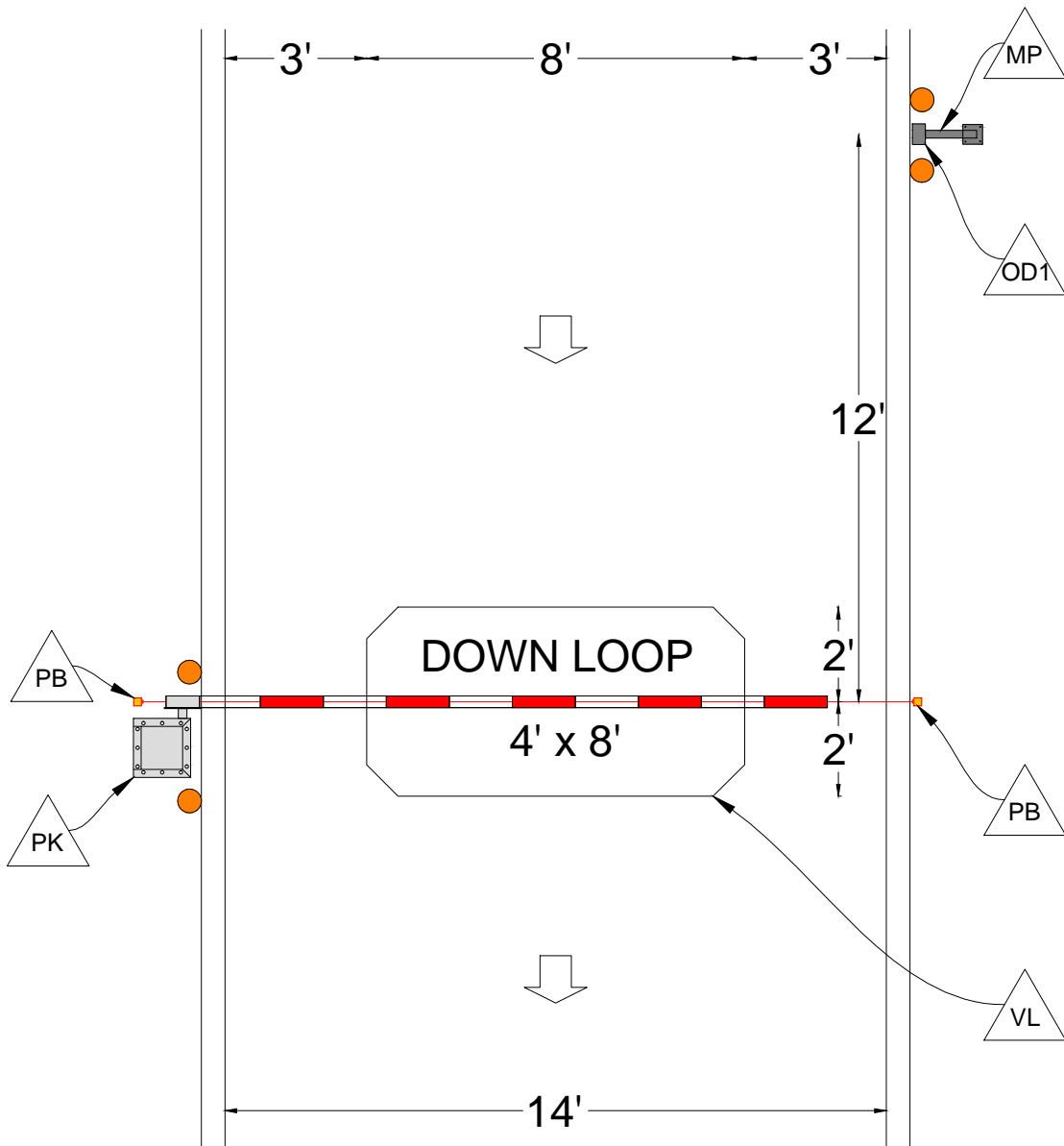
**Layout 1**

LAYOUT\_DESCRIPTION  
LAYOUT 1

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COMPONENTS	
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RE	Reversing Edge: DoorKing Model 8080-0xx
VL	Vehicle Detecting Loop - DoorKing - Type 9402-xxx
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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/One-Way Drive**  
**w/Access Device**  
**w/Left-hand Operator Mount**  
**w/4' Loops for High Vehicles**

**Layout 2**

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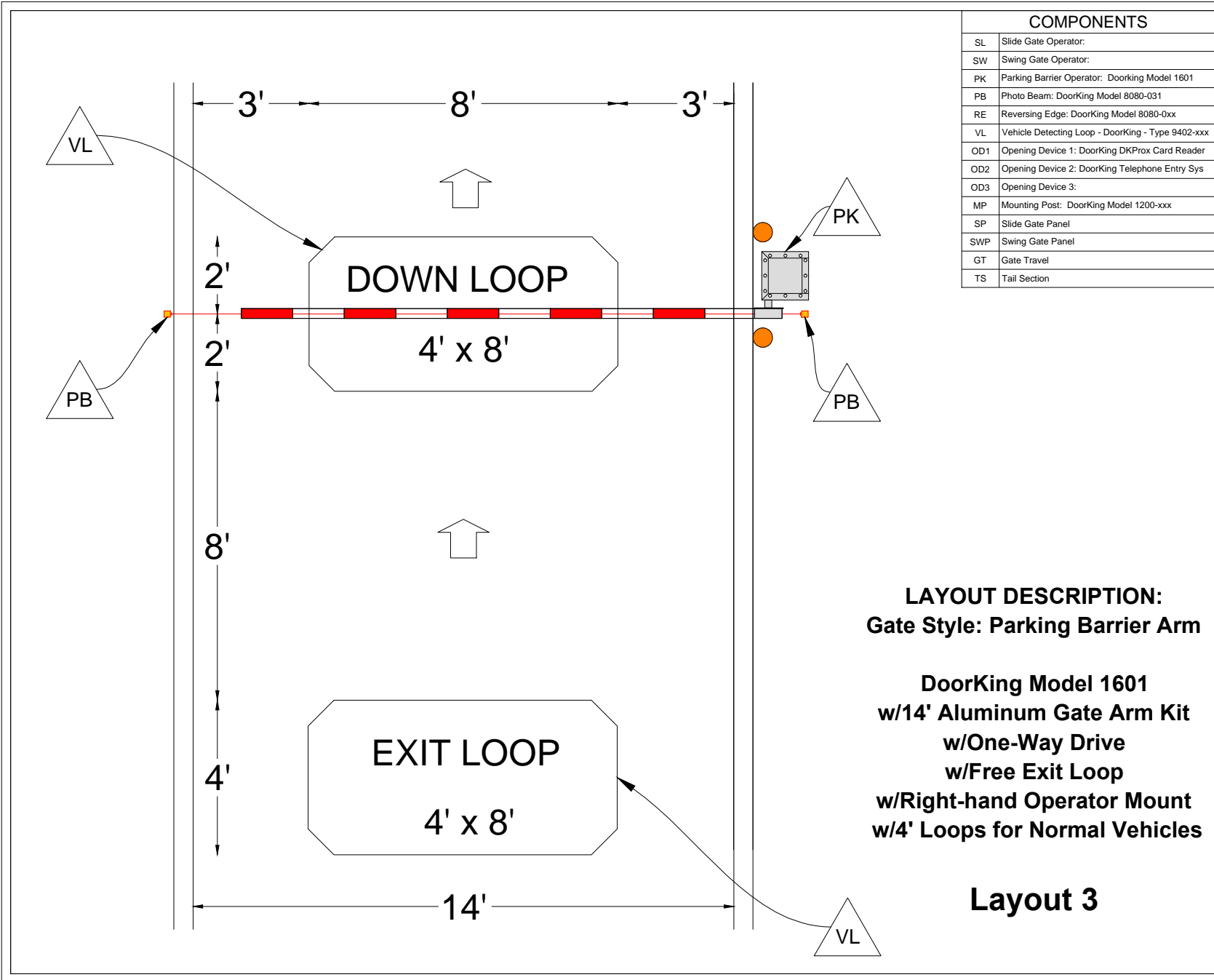
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LAYOUT 2

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GT	Gate Travel
TS	Tail Section

**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**

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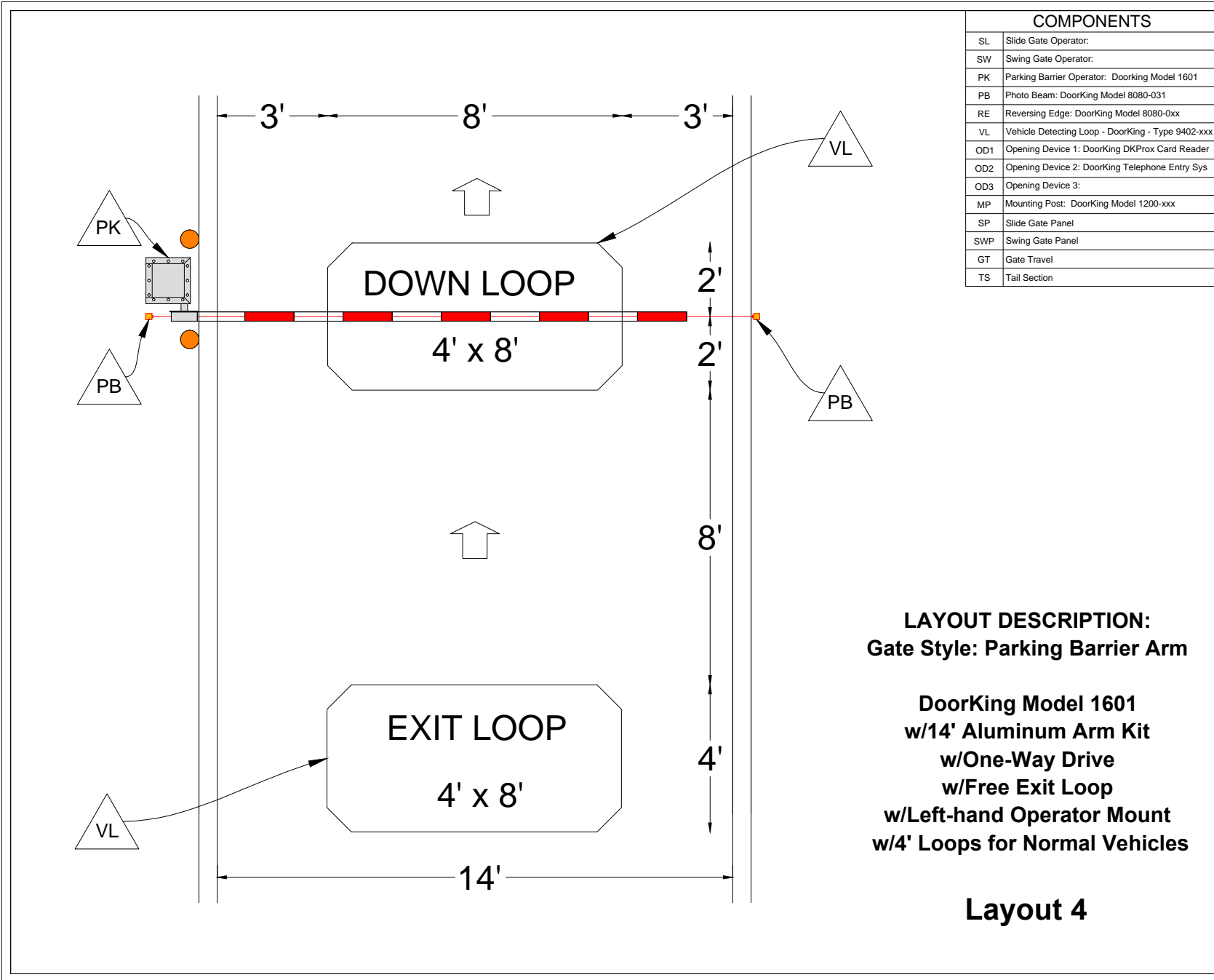
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LAYOUT 3

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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**

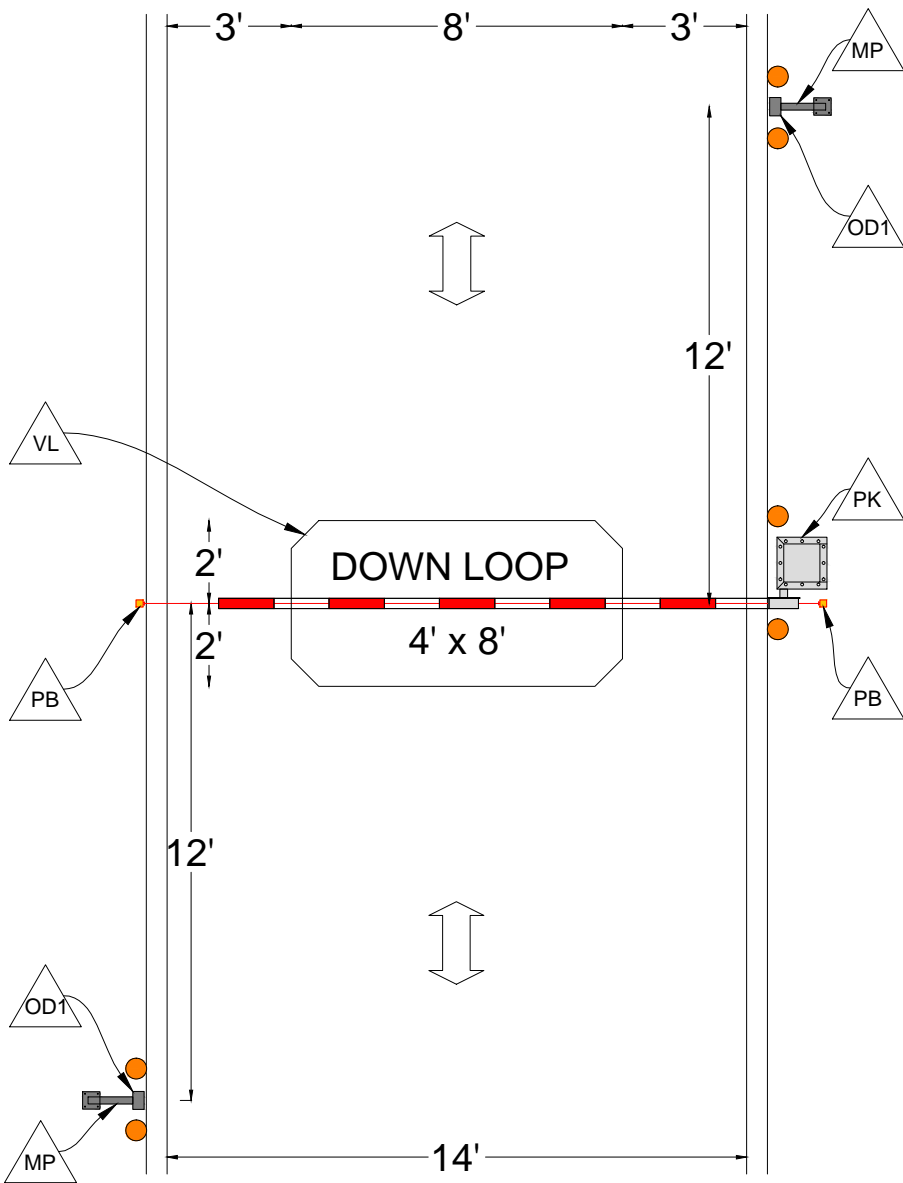
**Layout 4**

LAYOUT\_DESCRIPTION  
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**LAYOUT DESCRIPTION:**  
**Gate Style: Parking Barrier Arm**

**DoorKing Model 1601  
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w/Two-Way Drive  
w/Entry & Exit Device  
w/Right-hand Operator Mount  
w/4' Loops for Normal Vehicles**

**Layout 5**

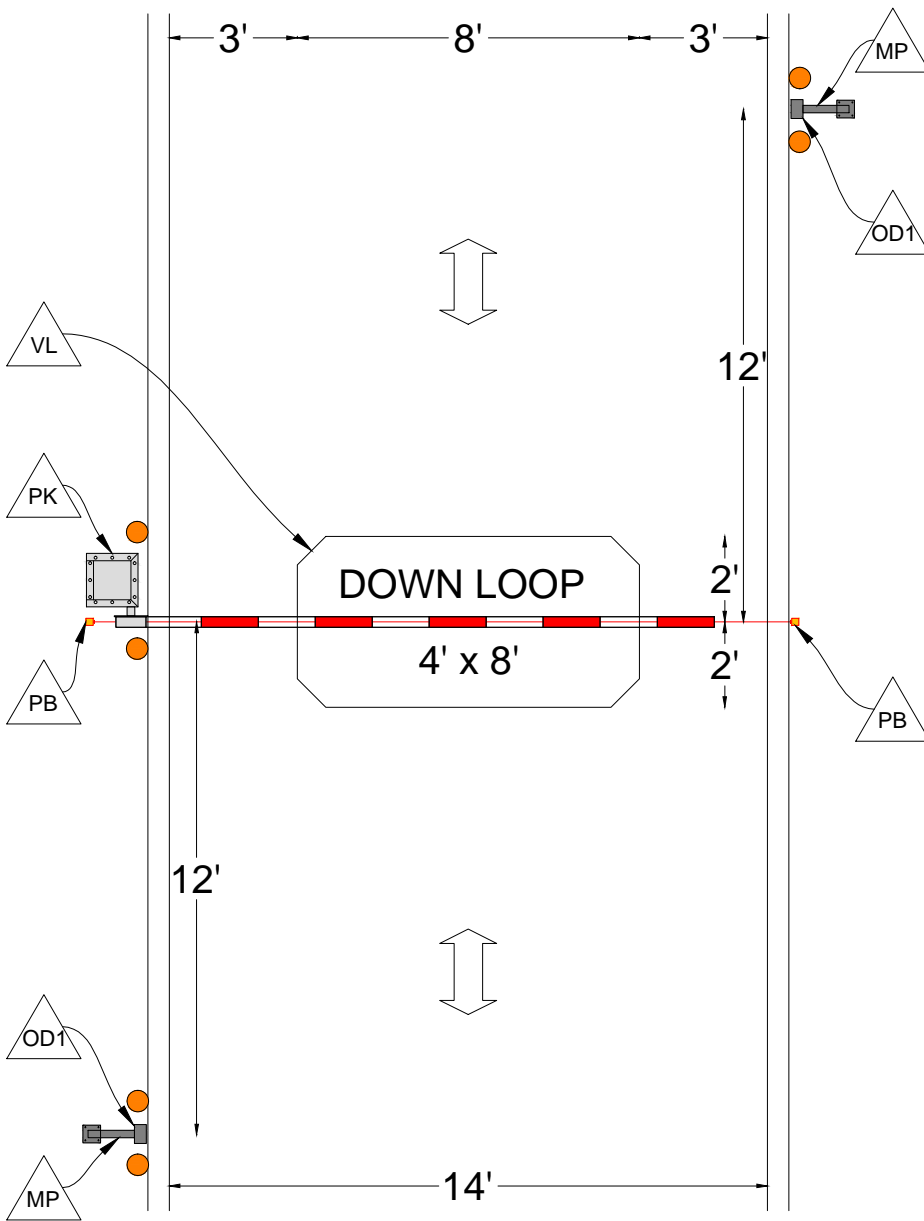
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LAYOUT 5

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**Layout 6**

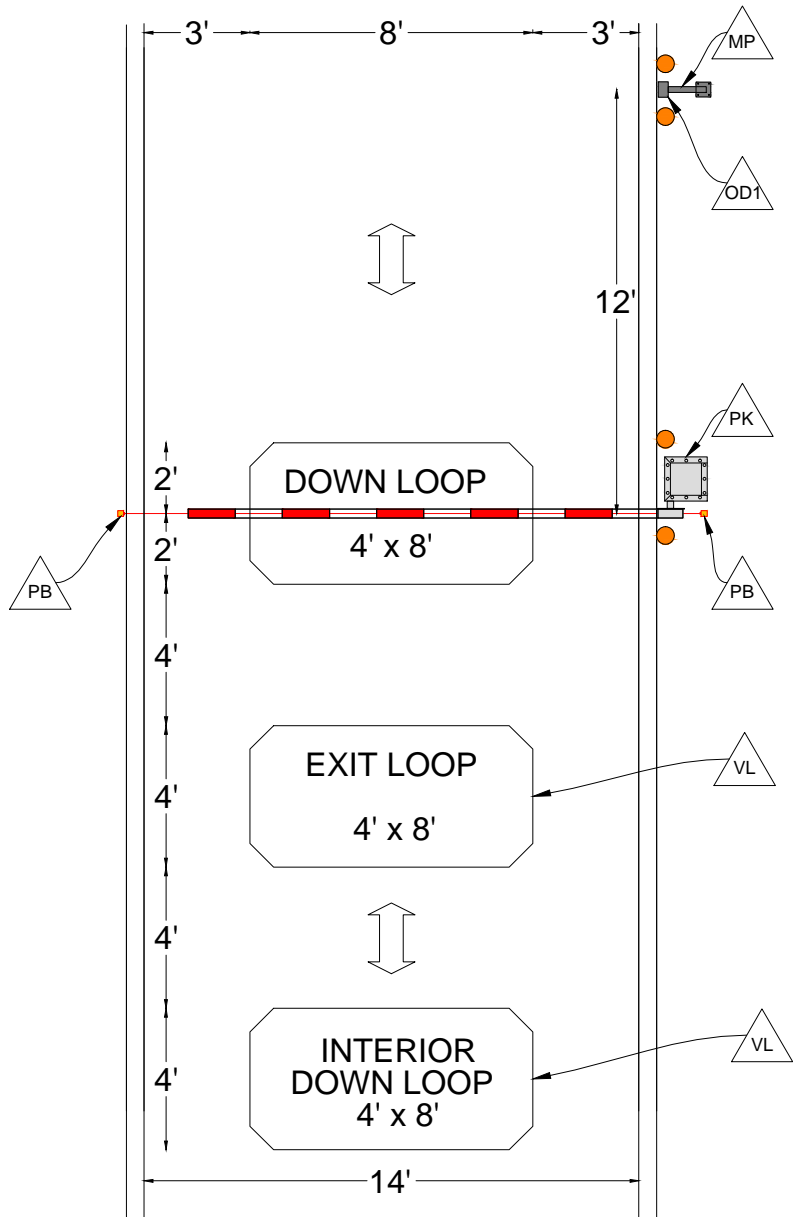
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COMPONENTS	
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SW	Swing Gate Operator:
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TS	Tail Section

**LAYOUT DESCRIPTION:**  
**Gate Style: Parking Barrier Gate**

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

**Layout 7**

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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.
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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.

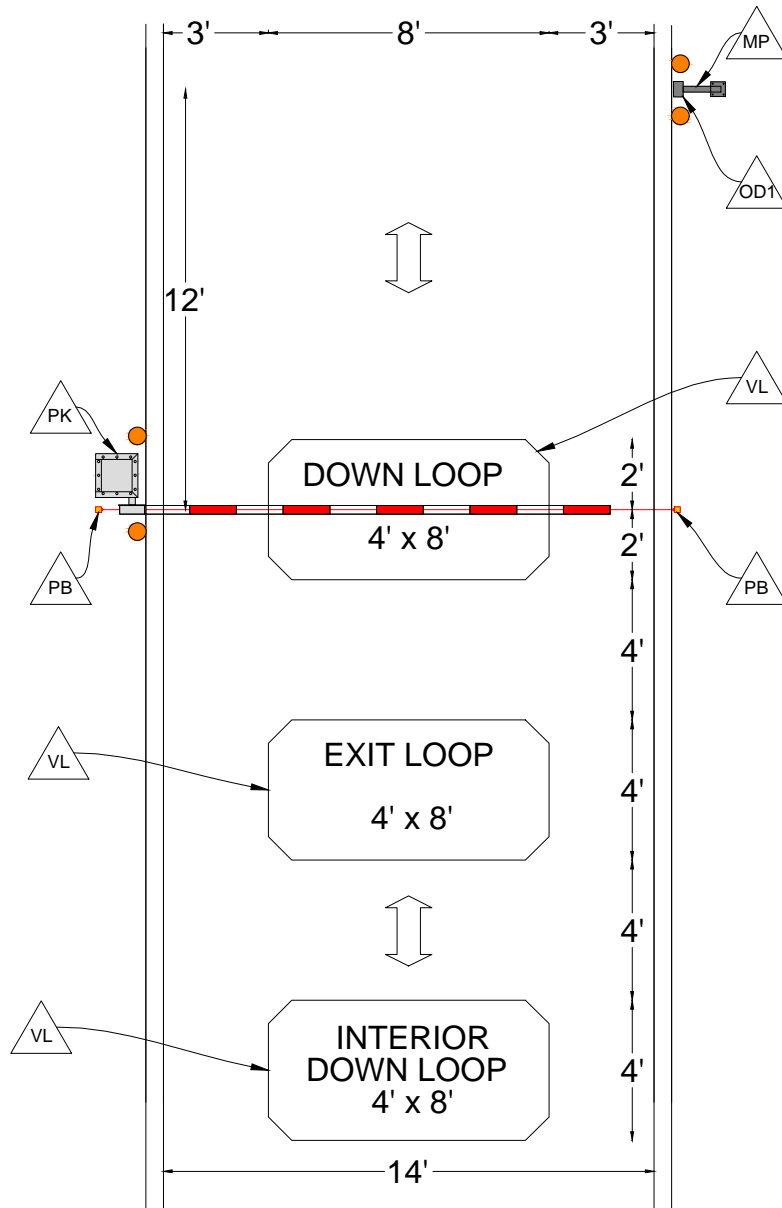
LAYOUT\_DESCRIPTION

LAYOUT 7

NTS  
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**DOOR KING®**

120 Glasgow Avenue  
 Inglewood, California 90301  
 Toll Free: 1-866-400-3600  
 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 8080-031
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:
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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  - 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: Parking Barrier Arm**

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

**Layout 8**

LAYOUT\_DESCRIPTION

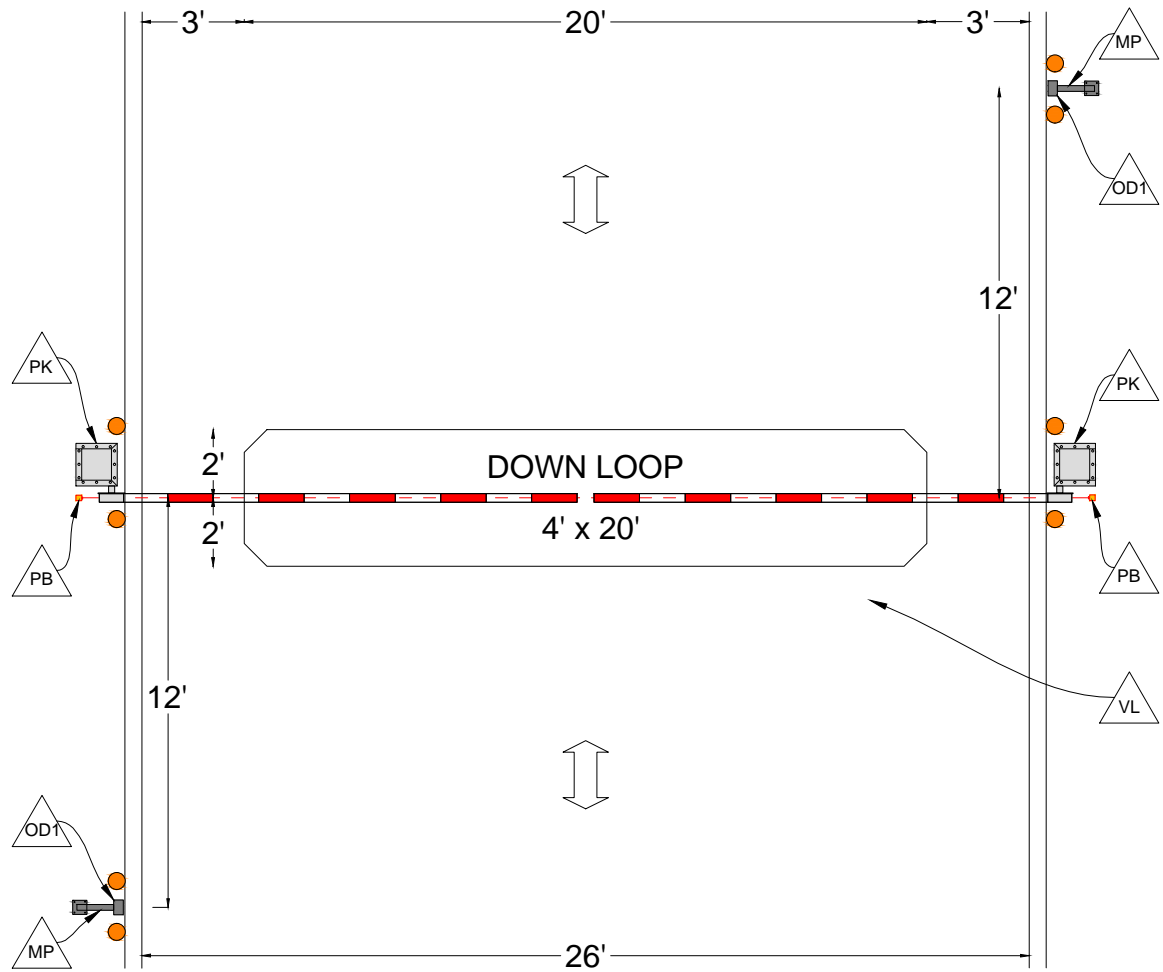
LAYOUT 8

NTS  
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 Toll Free: 1-866-400-3600  
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 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 8080-031
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:
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 & Exit Device**  
**w/Bi-parting Operator Mount**  
**w/4' Loops for Normal Vehicles**

**Layout 9**

**GENERAL NOTES**

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- Proper lane identification and vehicular direction signs should be highly visible upon entry onto the property.
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LAYOUT\_DESCRIPTION  
 LAYOUT 9

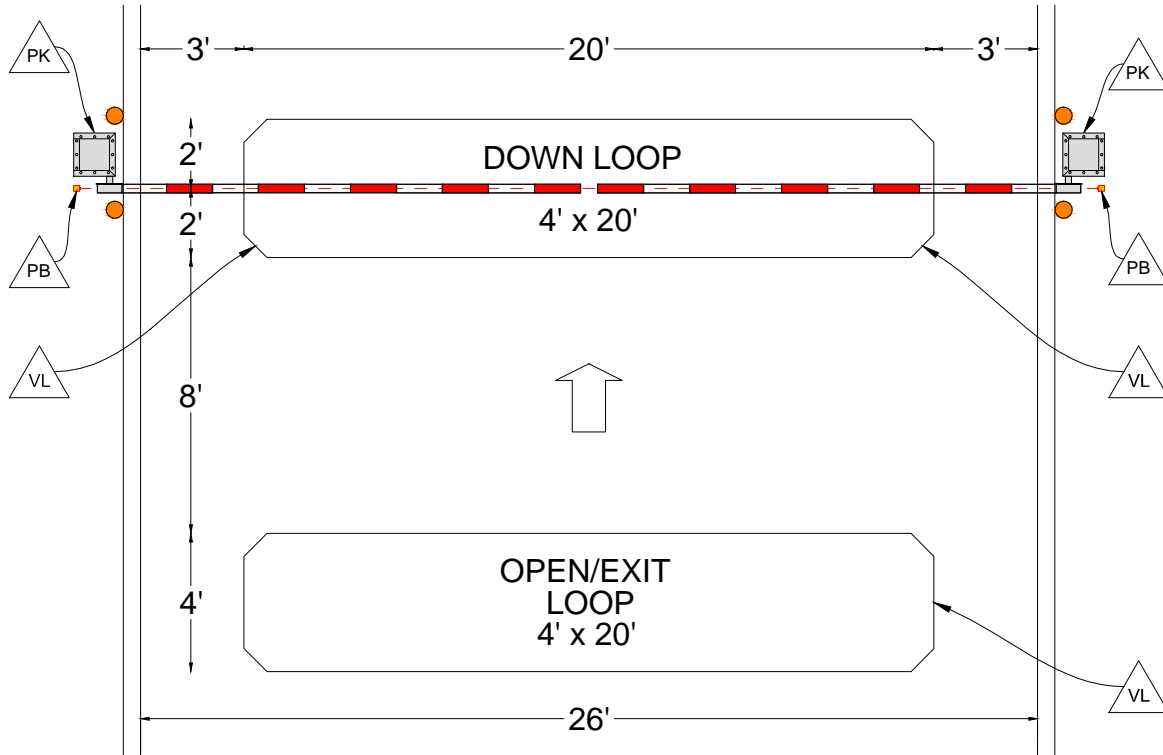
NTS  
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 Email: ghendrix@doorking.com

COMPONENTS	
SL	Slide Gate Operator:
SW	Swing Gate Operator:
PK	Parking Barrier Operator: DoorKing Model 1601
PB	Photo Beam: DoorKing Model 8080-031
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:
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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  - DoorKing, Inc. does not assume responsibility or liability for the installation and operation of changes to the design and operation of equipment, or alterations to the final site plan.



**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

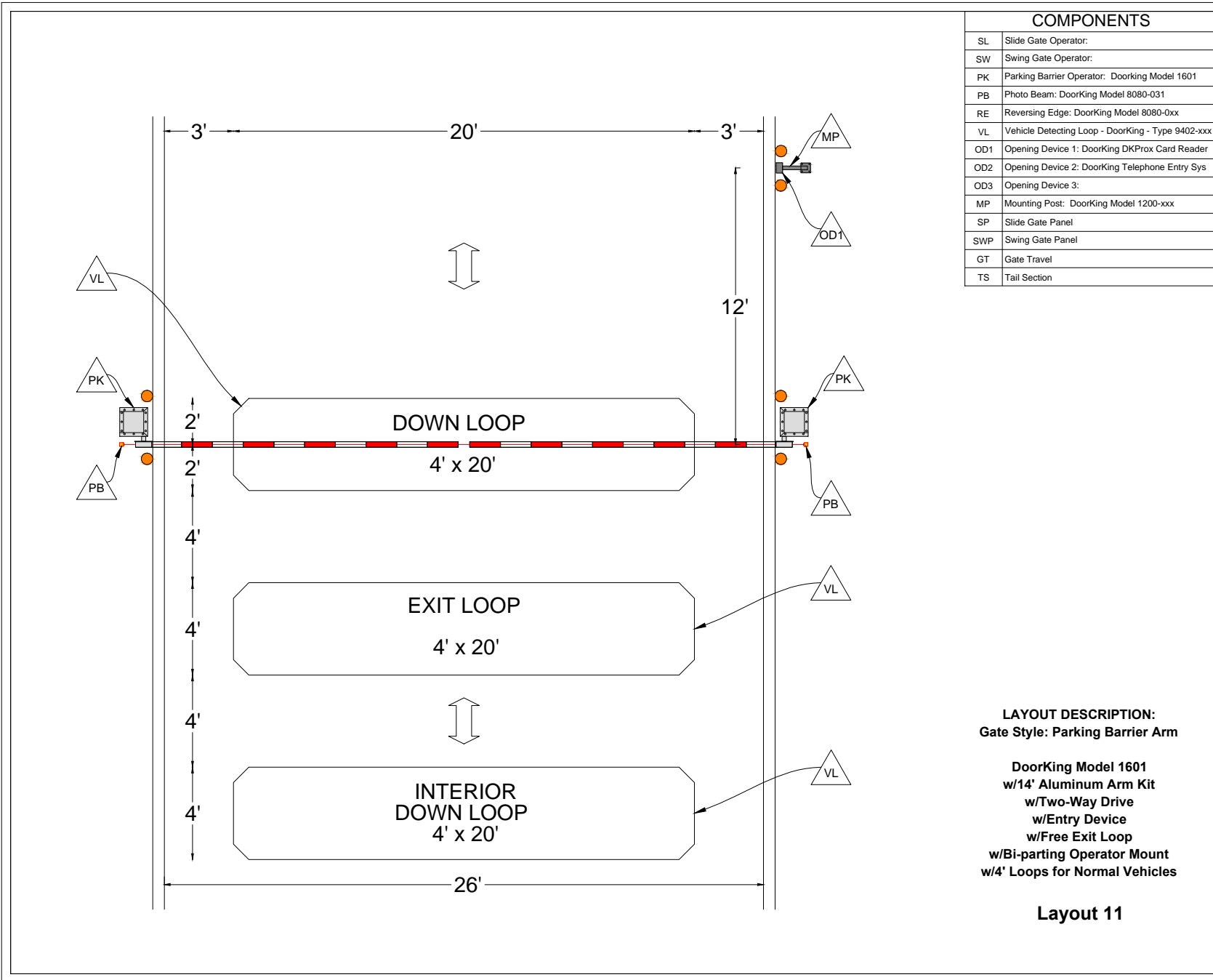
**Layout 10**

LAYOUT\_DESCRIPTION  
 LAYOUT 10

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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 8080-031
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:
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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**LAYOUT DESCRIPTION:**  
**Gate Style: Parking Barrier Arm**

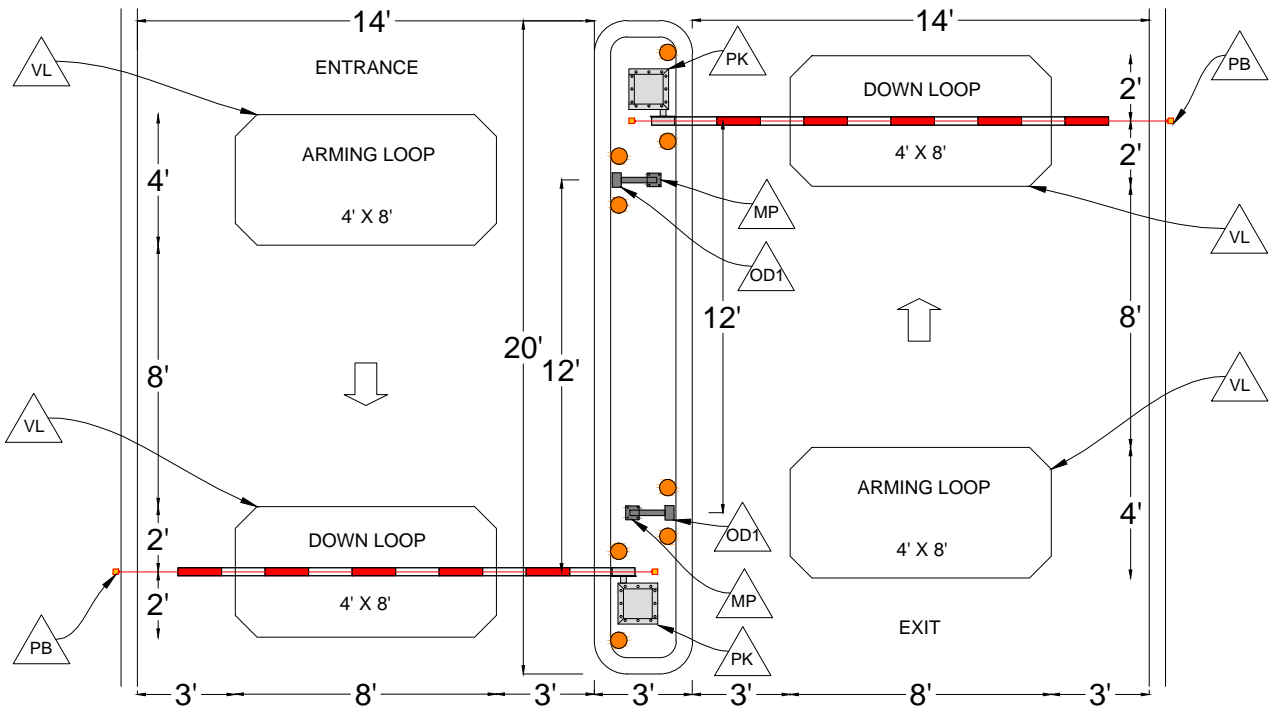
**DoorKing Model 1601  
 w/14' Aluminum Arm Kit  
 w/Two-Way Drive  
 w/Entry Device  
 w/Free Exit Loop  
 w/Bi-parting Operator Mount  
 w/4' Loops for Normal Vehicles**

**Layout 11**

LAYOUT_DESCRIPTION
Layout 11
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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 8080-031
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:
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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**LAYOUT DESCRIPTION:**  
**Gate Style: Parking Barrier Arm**

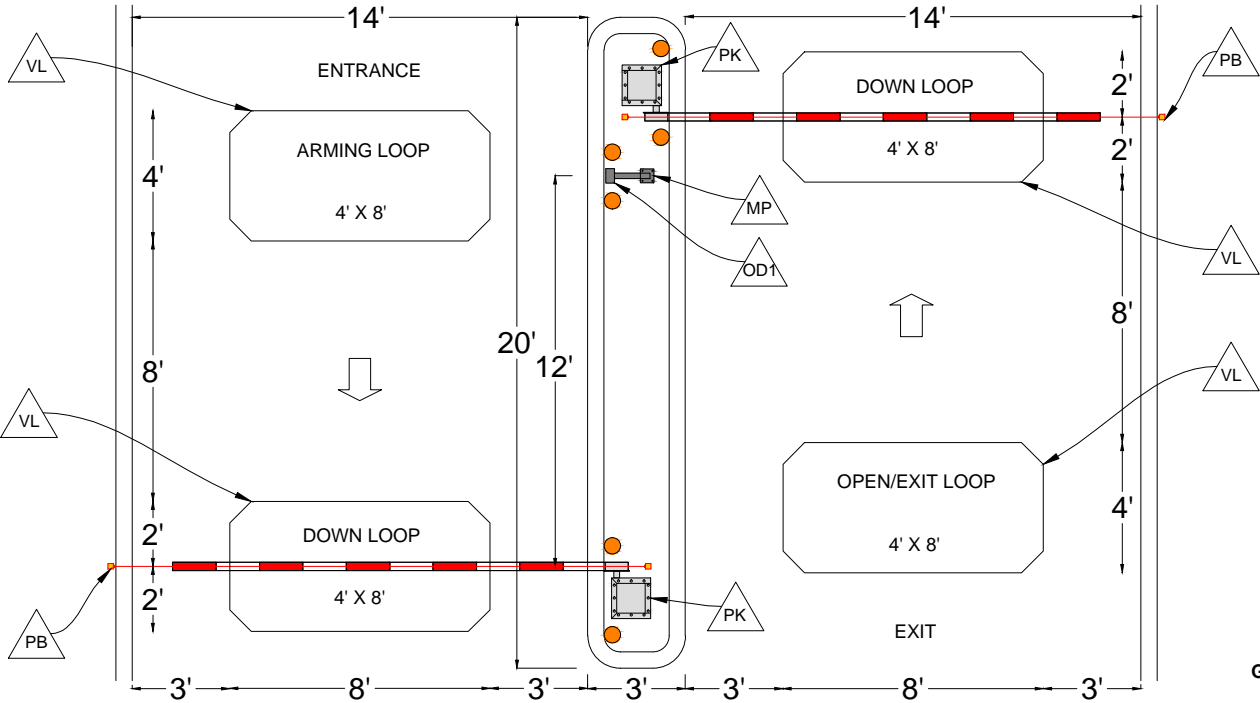
**DoorKing Model 1601**  
**w/14' Aluminum Arm Kit**  
**w/DoorKing Card Reader/Keypad Entry**  
**w/DoorKing Card Reader/Keypad Exit**  
**w/4' Loops for Normal Vehicles**

**Layout 12**

LAYOUT_DESCRIPTION
Layout 12
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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 8080-031
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:
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: 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**

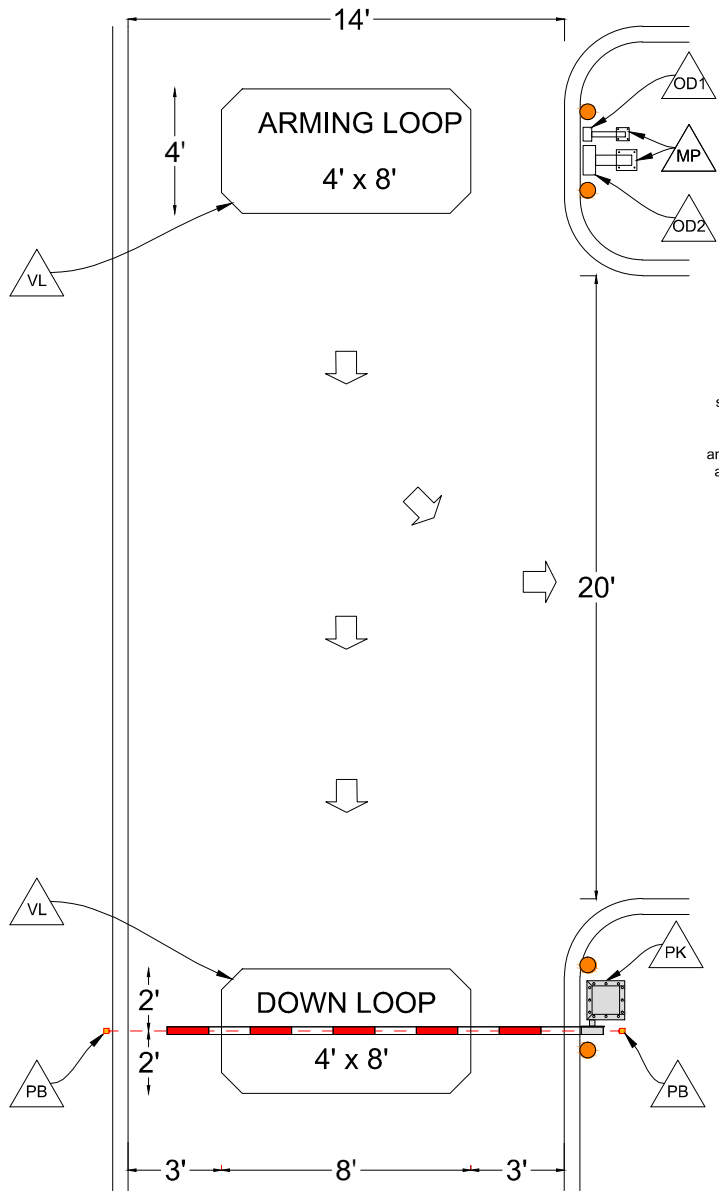
LAYOUT\_DESCRIPTION

Layout 14

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TURN-AROUND  
shown as a 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 8080-031
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:
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/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**

### GENERAL NOTES

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LAYOUT\_DESCRIPTION

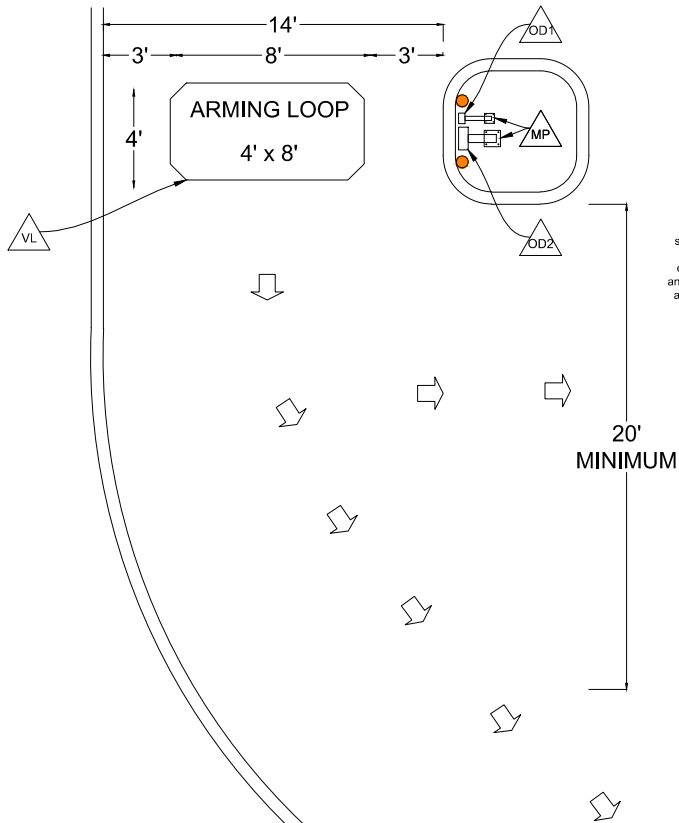
Layout 13

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TURN-AROUND  
shown as a 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 8080-031
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:
MP	Mounting Post: DoorKing Model 1200-xxx
SP	Slide Gate Panel
SWP	Swing Gate Panel
GT	Gate Travel
TS	Tail Section

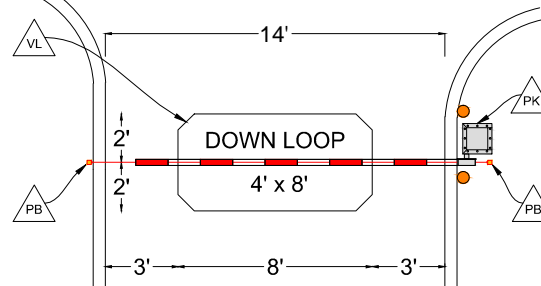
### GENERAL NOTES

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#### 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

#### Layout 15



#### LAYOUT\_DESCRIPTION

Layout 13

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