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PAMS SYSTEM - OVERVIEW
TYPICAL 3-LANE LAYOUT
WITH DUAL-LEAF SWING GATES

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PAMS SYSTEM
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Layout 3

PAMS SYSTEM
TYPICAL VISITOR ENTRANCE LANE
(w/ Optional Card Reader for Residents)

Layout 4

TYPICAL RESIDENTS ONLY ENTRANCE LANE
If the gap between the bottom of a moving gate and the ground is greater than 1-1/4 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**

**Not to Scale**

**COMPONENTS**

- Slide Gate Operator: DKS 9100/9100/9000/9024
- Swing Gate Operator: DKS 6100/6200/6500/6524
- Parking Barrier Operator: DKS 1601
- Photo Beam: DoorKing Model 8080-0xx
- Reversing Edge: DoorKing Model 8080-0xx
- Vehicle Detecting Loop - DoorKing - Type 9402-xxx
- OD1 Opening Device 1: DoorKing DKProx Card Reader
- OD2 Opening Device 2: DoorKing DKProx Card Reader
- OD3 Opening Device 3: DoorKing DKProx Card Reader
- Mounting Post: DoorKing Model 1200-xxx
- Swing Gate Panel
- Swing Gate Operator: DKS 6100/6300/6500/6524
- Slide Gate Operator: DKS 9100/9150/9000/9024
- Gate Dimensions, Posts, Guide Rollers, Photo Beam Coverage and Placement, and vehicular loop dimensions and placement. Drawings are not all inclusive or guaranteed to scale.
- 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.
- 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.
- 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.
- Automated vehicular gates that do not meet the requirements of these standards shall not be allowed.
- Automated vehicular gates that do not meet the requirements of these standards shall not be allowed.
A drawing for the design and installation of an automated vehicular gate with specific components and notes. The components include:

- **Components**
  - Slide Gate Operator: DKS 9100/9150/9000/9024
  - Swing Gate Operator: DKS 6100/6300/6500/6524
  - Parking Barrier Operator: DKS 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:
  - Opening Device 3:
  - Mounting Post: DoorKing Model 1200-xxx
  - Slide Gate Panel
  - Swing Gate Panel
  - Gate Travel
  - Tail Section
  - Roll-Over

**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 coverages 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 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 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.

**Drawing Details**

- Open / Exit Loop: 4' x 8'
- Down & Shadow Loop: 4' x 8'
- Not a Walkway
- NOT TO SCALE
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Layout Description:

- Turn-around shown as an example only. Actual distances, dimensions, and exact location of curbing and visitor phone island to be determined by "Local Authority Having Jurisdiction."
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Components:

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
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<tbody>
<tr>
<td>SL</td>
<td>Slide Gate Operator: DKS 9100/9150/9000/9024</td>
</tr>
<tr>
<td>SW</td>
<td>Swing Gate Operator: DKS 6100/6300/6500/6524</td>
</tr>
<tr>
<td>PK</td>
<td>Parking Barrier Operator: DKS 1601</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>
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<tr>
<td>OD2</td>
<td>Opening Device 2:</td>
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<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>SP</td>
<td>Slide Gate Panel</td>
</tr>
<tr>
<td>SWP</td>
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</tr>
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<td>RO</td>
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</tr>
</tbody>
</table>

UL 325 & ASTM F2200 Safety:

- If the gap between the bottom of a moving gate and the ground is greater than 1 inch but less than 4 inches, this area is considered to be an entrapment zone and must be protected.

Layout 3:

- PAMS System Typical Visitor Entrance Lane (w/ Optional Card Reader for Residents)
**GENERAL NOTES**

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**NOT TO SCALE**