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

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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 4 inches, this area is considered to be an entrapment zone and therefore must be protected.

Photo-beams must extend to cover entire gate travel. Photo-beams must be mounted to provide a minimum of 21 inches to 27.5 inches from the top of the gate to within 5 inches of the gate grade. ankle strap mounting height must be within 21 inches to 27.5 inches from the top of the gate to within 5 inches of the gate grade.

Photo-beams must be mounted to prevent entrapment. Photo-beams must be mounted in a manner that will allow for easy access and maintenance.

UL 325 & ASTM F2200 SAFETY

Authorized 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 foundation 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 is 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 consequential 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.

GENERAL NOTES

LAYOUT_DESCRIPTION

NOT TO SCALE
COMPONENTS

- Slide Gate Operator: DoorKing Model 6100/6300/6500/6524
- Swing Gate Operator: Models 8080-0xx
- Parking Barrier Operator: DoorKing Model 1601
- Photo Beam: DoorKing Model 8080-0xx
- Reversing Edge: DoorKing Model 8080-0xx
- Vehicle Dececting Loop - DoorKing - Type 9402-xxx
- Opening Device 1: DoorKing DKProx Card Reader
- Opening Device 2: DoorKing Visitor Phone
- Opening Device 3: DoorKing Visitor Phone
- Mounting Post: DoorKing Model 1200-xxx
- Slide Gate Panel
- Swing Gate Panel
- Gate Travel
- Tail Section
- Roll-Over

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NOT TO SCALE
COMPONENTS

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<thead>
<tr>
<th>Component</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>SL</td>
<td>Slide Gate Operator: Model 6100/6300/6500/6524</td>
</tr>
<tr>
<td>SW</td>
<td>Swing Gate Operator: DoorKing Model 1601</td>
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<tr>
<td>PK</td>
<td>Parking Barrier Operator: DoorKing Model 1601</td>
</tr>
<tr>
<td>PB</td>
<td>Photo Beam: DoorKing Model 8080-003</td>
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<tr>
<td>RE</td>
<td>Reversing Edge: DoorKing Model 8080-0xx</td>
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<td>VL</td>
<td>Vehicle Detecting Loop - DoorKing - Type 9402-xx</td>
</tr>
<tr>
<td>CD1</td>
<td>Opening Device 1: DoorKing DKProx Card Reader</td>
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<tr>
<td>CD2</td>
<td>Opening Device 2: DoorKing Visitor Phone</td>
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<td>CD3</td>
<td>Opening Device 3:</td>
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<tr>
<td>MP</td>
<td>Mounting Post: DoorKing Model 1200-xx</td>
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<td>SP</td>
<td>Slide Gate Panel</td>
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<tr>
<td>SPW</td>
<td>Swing Gate Panel</td>
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<td>GT</td>
<td>Gate Trellis</td>
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<td>TS</td>
<td>Tail Section</td>
</tr>
<tr>
<td>RO</td>
<td>Roll-Over</td>
</tr>
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</table>

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LAYOUT_DESCRIPTION

NOT TO SCALE

UL 325 & ASTM F2200 SAFETY

Layout 3
PAMS SYSTEM
TYPICAL
VISITOR ENTRANCE LANE

(1 Optional Card Reader for Residents)
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 16 inches, this area is considered to be an entrapment zone and must be protected.

UL 325 & ASTM F2200 SAFETY

RESIDENTS ONLY ENTRANCE LANE

PAMS SYSTEM TYPICAL RESIDENTS ONLY ENTRANCE LANE

Layout 4

COMPONENTS

| SL | Slide Gate Operator: DoorKing Model 6100/6300/6500/6524 |
| SW | Swing Gate Operator: DoorKing Model 1200-xxx |
| PK | Parking Barrier Operator: DoorKing Model 1651 |
| 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 Visitor Phone |
| 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 |
| RD | Roll-Over |

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