

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

CONTENTS

DoorKing Models 9050 & 9100 Slide Gate Operators Elevation Drawings and Typical Lane Layouts with 6' Vehicle Loops for High Vehicles

Elevations Drawings
DoorKing Model 9050/9100
Top Illustration: 9100 (not 9050)
shown with Cantilevered Gate
Bottom Illustration: 9050/9100
shown with V-Groove Track Gate
9050/9100 - Top View
9050-9100 - Side View
9050/9100 - Front View

Layout 1
DoorKing Model 9050/9100
Gate Style: V-Groove Track
DoorKing Model 9050/9100
w/One-Way Entrance Drive
w/Access Device
w/Right-Hand Operator Mount
w/6' Loops for Higher Vehicles

Layout 2
Gate Style: V-Groove Track
DoorKing Model 9050/9100
w/One-Way Entrance Drive
w/Access Device
w/Left-Hand Operator Mount
w/6' Loops for Higher Vehicle

Layout 3
Gate Style: V-Groove Track
DoorKing Model 9050/9100
w/One-Way Free Exit Drive
w/Right-Hand Operator Mount
w/6' Loops for Higher Vehicles

Layout 4
Gate Style: V-Groove Track
DoorKing Model 9050/9100
w/One-Way Drive
w/Free Exit
w/Left-Hand Operator Mount
w/6' Loops for Normal Vehicles

Layout 5
Gate Style: V-Groove Track
DoorKing Model 9050/9100
w/Two-Way Drive
w/Entry & Exit Device
w/Right-Hand Operator Mount
w/6' Loops for Higher Vehicles

Layout 6
Gate Style: V-Groove Track
DoorKing Model 9050/9100
w/Two-Way Drive
w/Entry & Exit Device
w/Left-Hand Operator Mount
w/6' Loops for Higher Vehicles

Layout 7
Gate Style: V-Groove Track
DoorKing Model 9050/9100
w/Two-Way Drive
w/Entry Device & Free Exit
w/Right-Hand Operator Mount
w/6' Loops for Higher Vehicles

Layout 8
Gate Style: V-Groove Track
DoorKing Model 9050/9100
w/Two-Way Drive
w/Entry Device & Free Exit
w/Left-Hand Operator Mount
w/6' Loops for Normal Vehicles

Layout 9
Gate Style: V-Groove Track
DoorKing Model 9050/9100
w/Two-Way Drive
w/Entry& Exit Device
w/Bi-parting Operator Mount
w/6' Loops for Higher Vehicles

Layout 10
Gate Style: V-Groove Track
DoorKing Model 9050/9100
w/Two-Way Drive
w/Entry & Exit Device
w/Bi-parting Operator Mount
w/6' Loops for Higher Vehicles

Layout 11
Gate Style: Cantilevered Gate
DoorKing Model 9100
w/Two-Way Drive
w/Entry Device & Free Exit
w/Right-Hand Operator Mount
w/6' Loops for Higher Vehicles

Layout 12
Gate Style: V-Groove Track
DoorKing Model 9050/9100
w/One-Way Entrance Drive
w/Regular Turn-around
w/Telephone Entry System
w/DoorKing Card Reader/Keypad
w/Left-hand Operator Mount
w/6' Loops for Higher Vehicles

Layout 13
Gate Style: V-Groove Track
DoorKing Model 9050/9100
w/One-Way Entrance Drive
w/Off-set Turn-around
w/Telephone Entry System
w/DoorKing Card Reader/Keypad
w/Left-hand Operator Mount
w/6' Loops for Higher Vehicles

GENERAL NOTES

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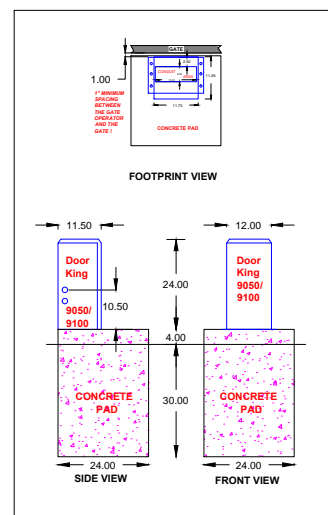
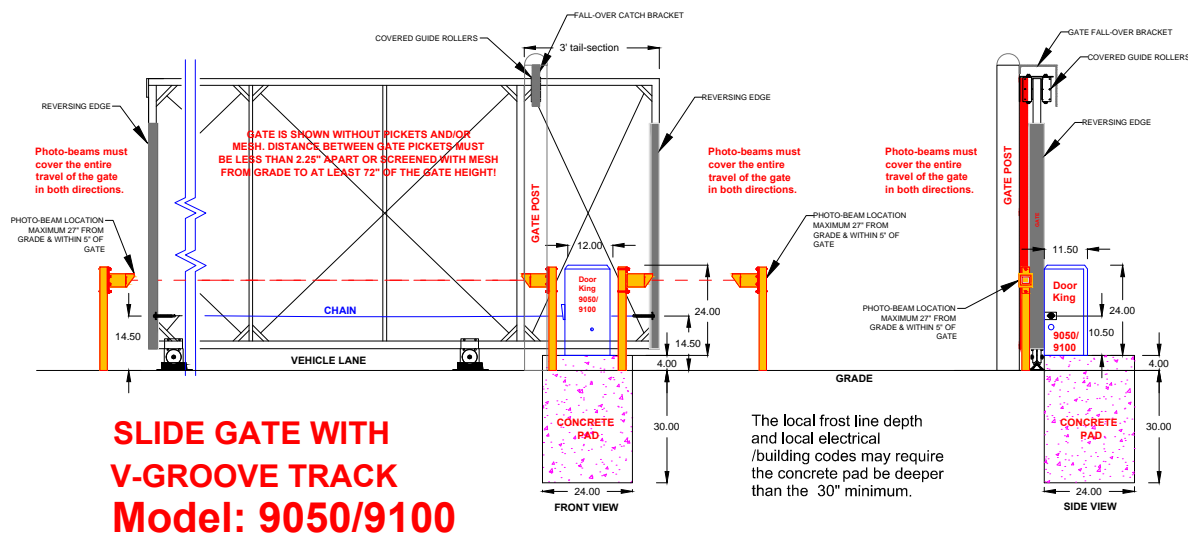
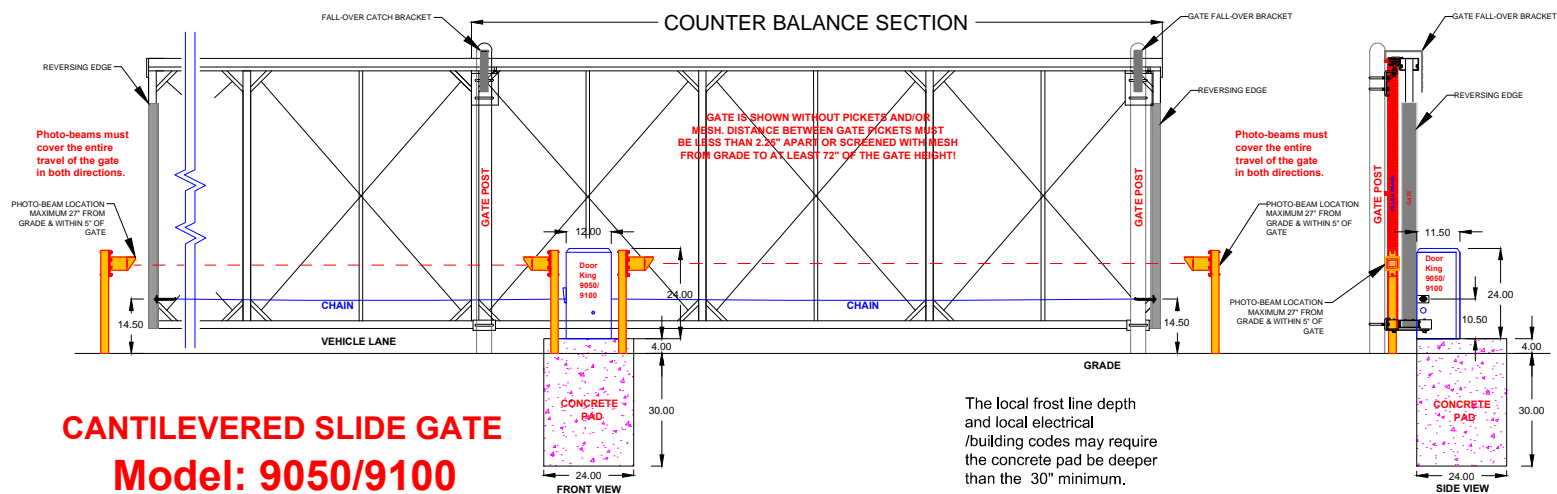
CONTENTS

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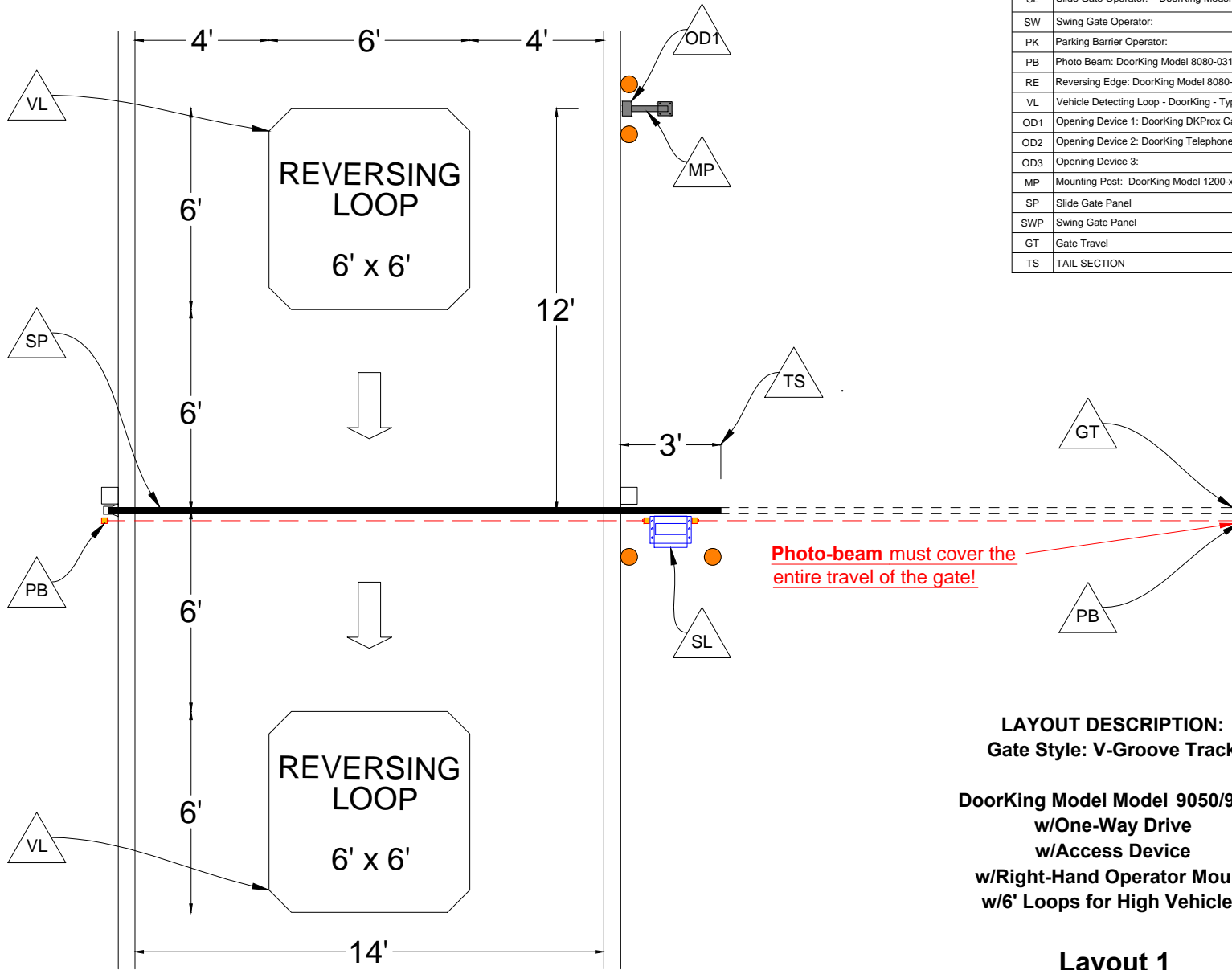
LAYOUT DESCRIPTION

ELEVATION VIEWS

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COMPONENTS	
SL	Slide Gate Operator: DoorKing Model 9050/9100
SW	Swing Gate Operator:
PK	Parking Barrier Operator:
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: V-Groove Track

DoorKing Model Model 9050/9100
w/One-Way Drive
w/Access Device
w/Right-Hand Operator Mount
w/6' Loops for High Vehicles

Layout 1

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LAYOUT_DESCRIPTION

LAYOUT 1

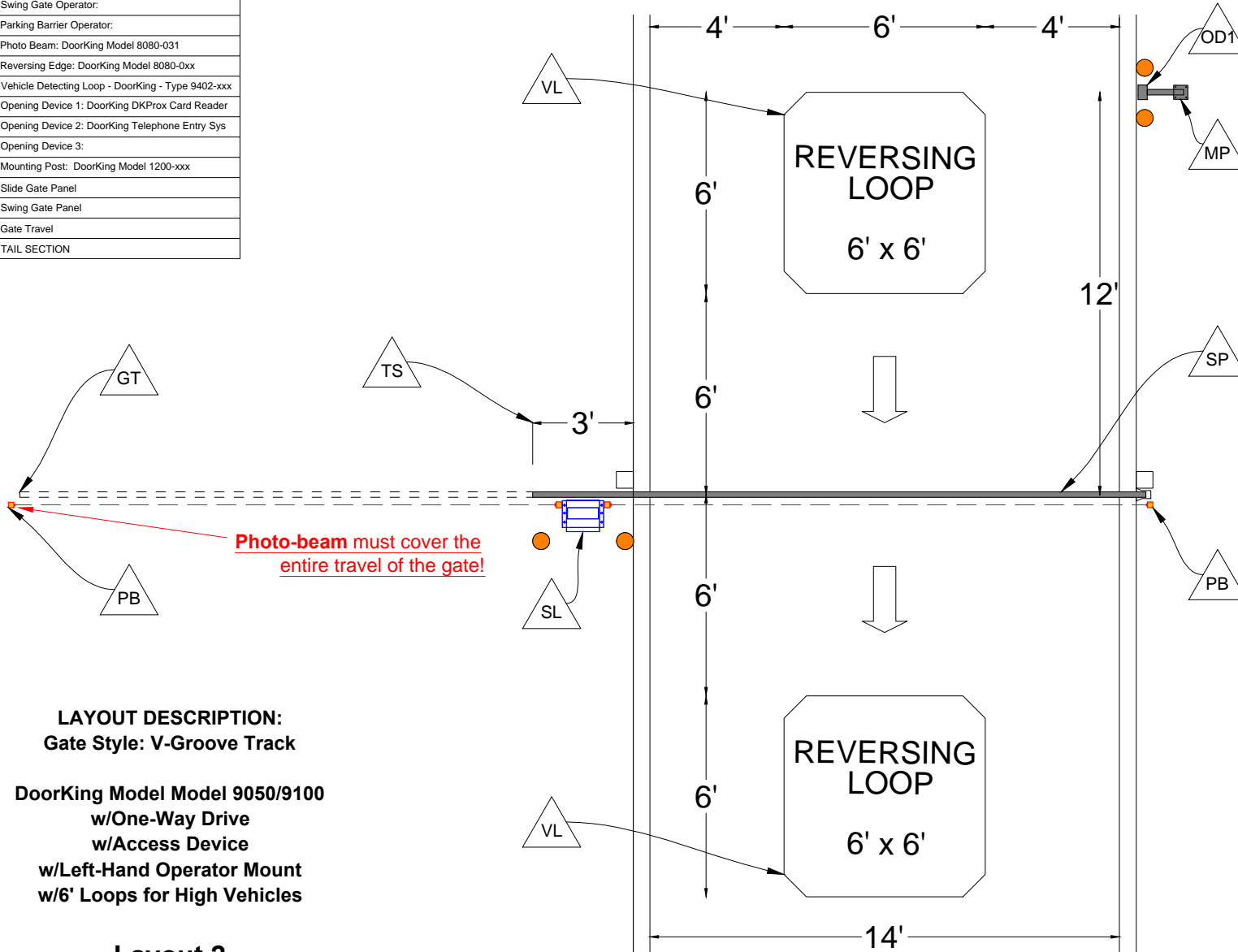
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COMPONENTS

SL	Slide Gate Operator: DoorKing Model 9050/9100
SW	Swing Gate Operator:
PK	Parking Barrier Operator:
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

LAYOUT 2

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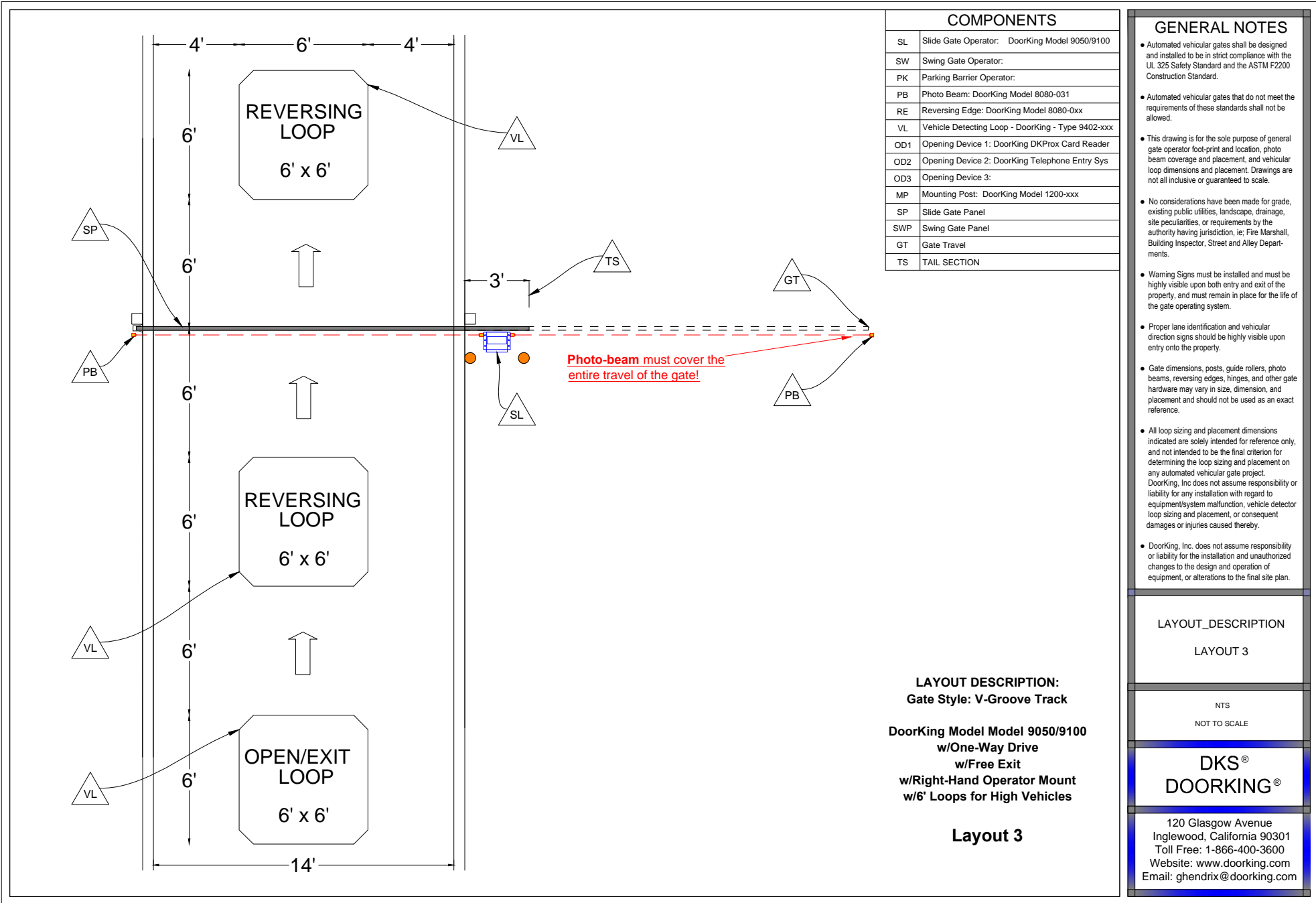
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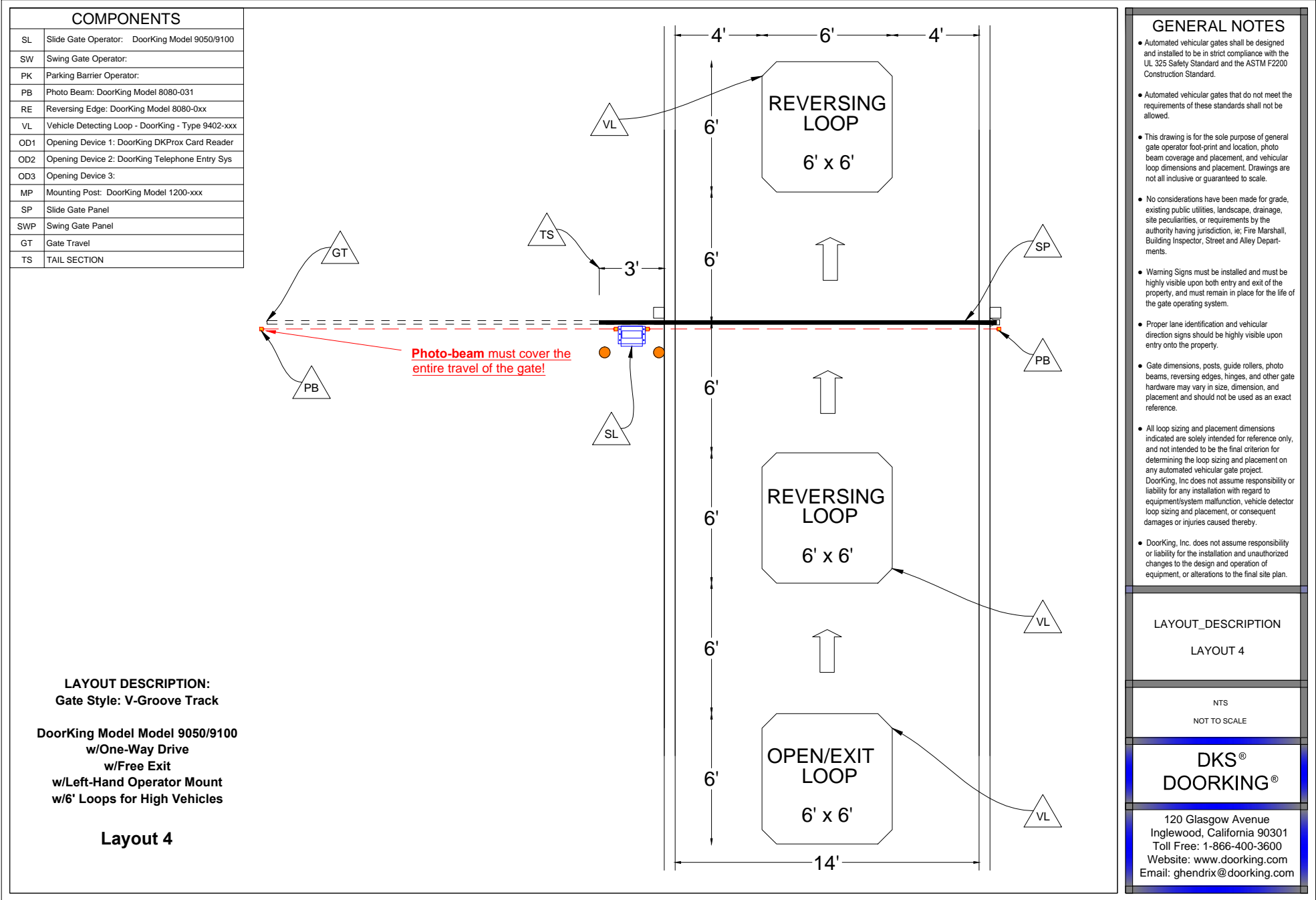
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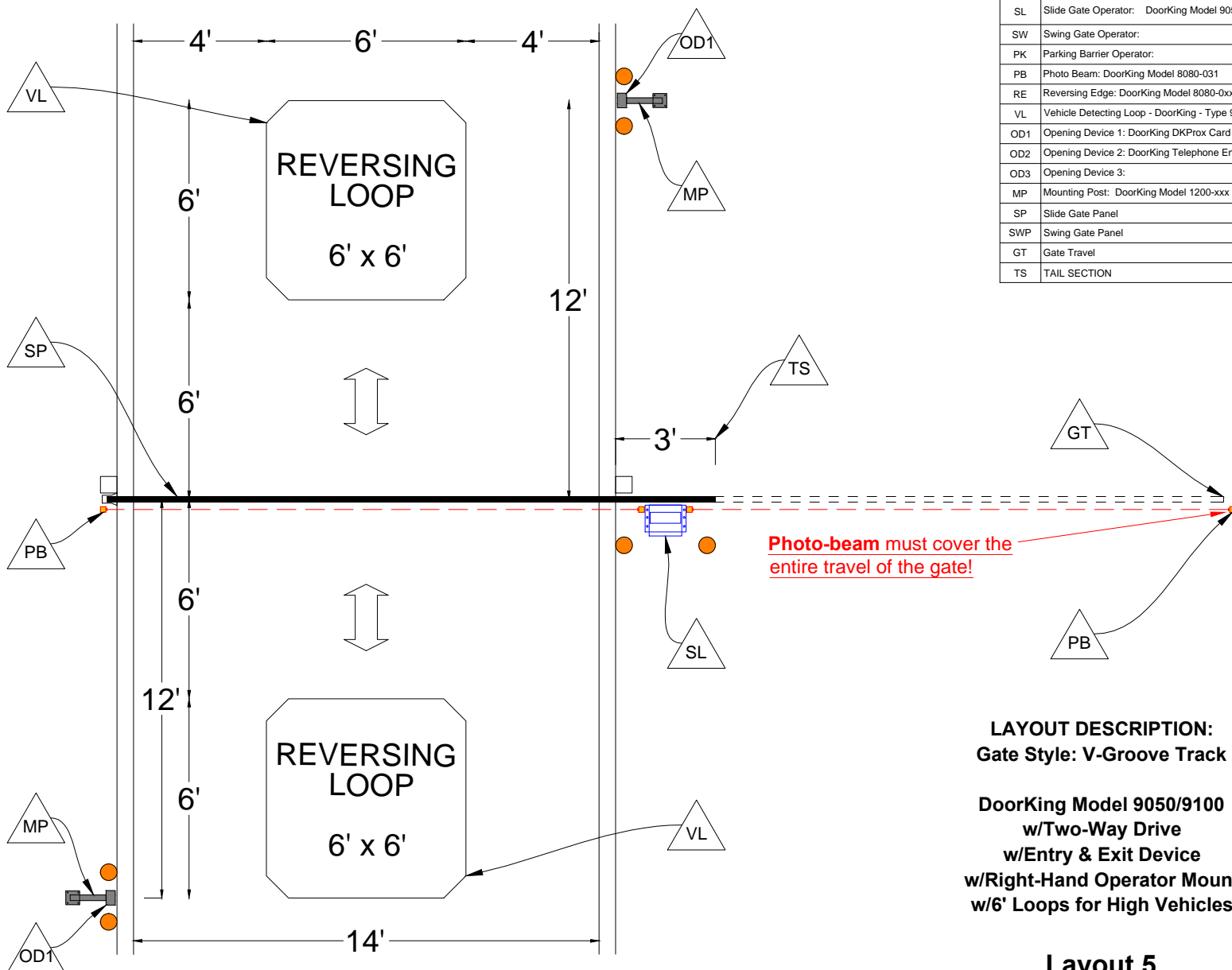
Layout 2

LAYOUT DESCRIPTION:
Gate Style: V-Groove Track

DoorKing Model Model 9050/9100
w/One-Way Drive
w/Access Device
w/Left-Hand Operator Mount
w/6' Loops for High Vehicles







COMPONENTS	
SL	Slide Gate Operator: DoorKing Model 9050/9100
SW	Swing Gate Operator:
PK	Parking Barrier Operator:
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: V-Groove Track

DoorKing Model 9050/9100
w/Two-Way Drive
w/Entry & Exit Device
w/Right-Hand Operator Mount
w/6' Loops for High Vehicles

Layout 5

LAYOUT_DESCRIPTION

LAYOUT 5

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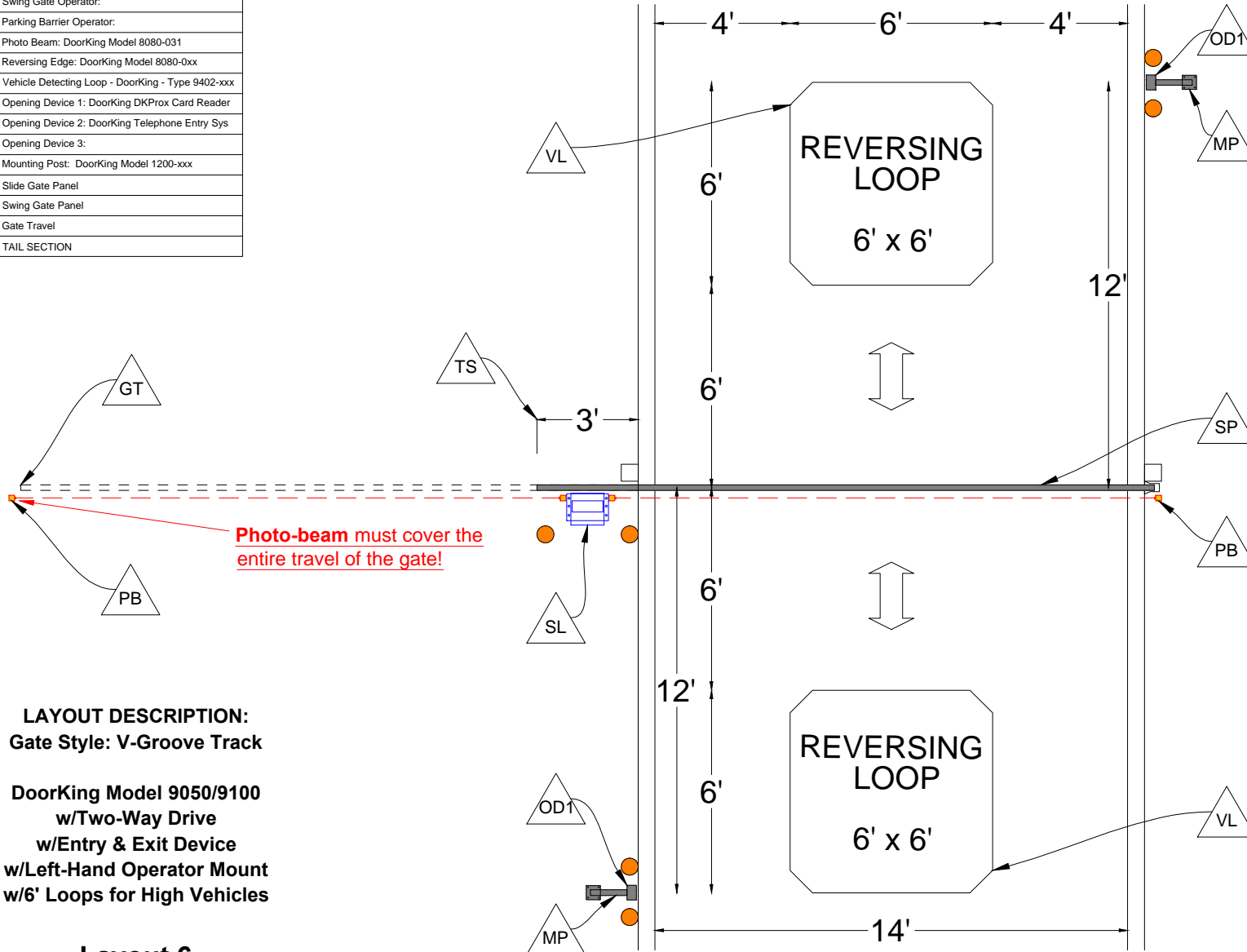
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COMPONENTS

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SW	Swing Gate Operator:
PK	Parking Barrier Operator:
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: V-Groove Track

DoorKing Model 9050/9100
w/Two-Way Drive
w/Entry & Exit Device
w/Left-Hand Operator Mount
w/6' Loops for High Vehicles

Layout 6

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LAYOUT_DESCRIPTION

LAYOUT 6

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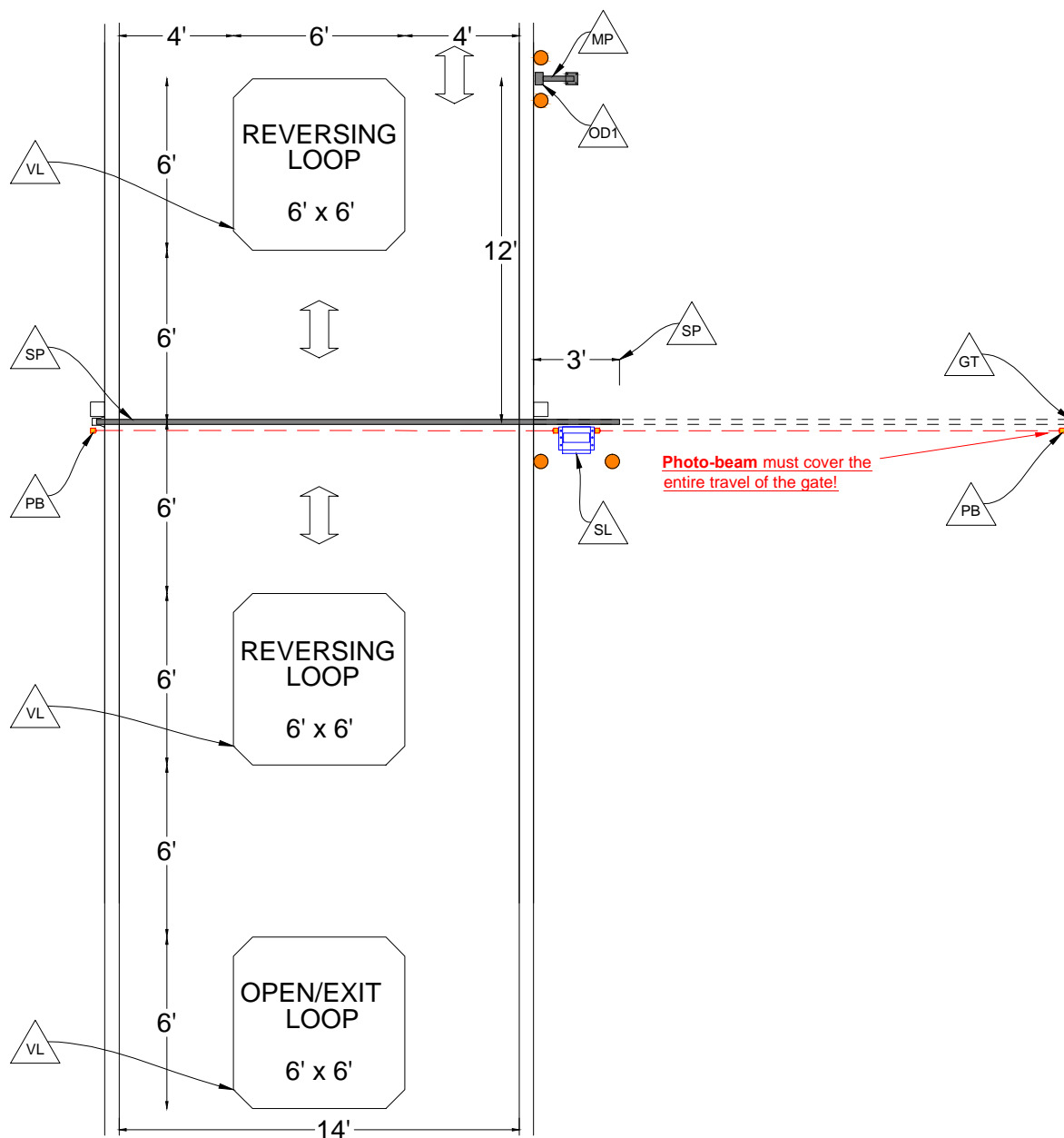


Photo-beam must cover the entire travel of the gate!

COMPONENTS

SL	Slide Gate Operator: DoorKing Model 9050/9100
SW	Swing Gate Operator:
PK	Parking Barrier Operator:
PB	Photo Beam: DoorKing Model 8080-031
RE	Reversing Edge: DoorKing Model 8080-0xx
VL	Vehicle Detecting Loop - DoorKing - Type 9402-xxx
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OD2	Opening Device 2: DoorKing Telephone Entry Sys
OD3	Opening Device 3:
MP	Mounting Post: DoorKing Model 1200-xxx
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SWP	Swing Gate Panel
GT	Gate Travel
TS	TAIL SECTION

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LAYOUT_DESCRIPTION

LAYOUT 7

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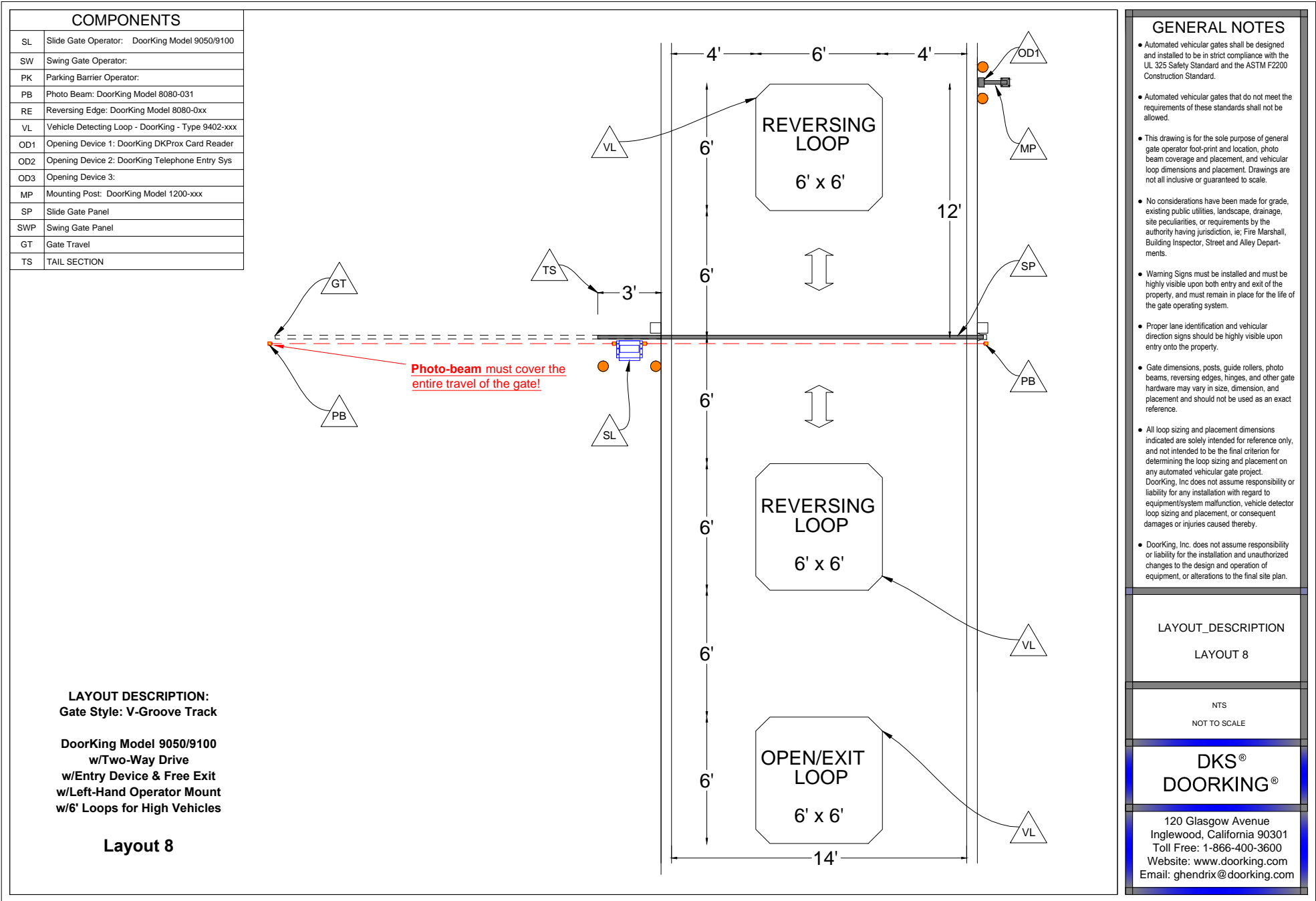
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LAYOUT DESCRIPTION:
Gate Style: V-Groove Track

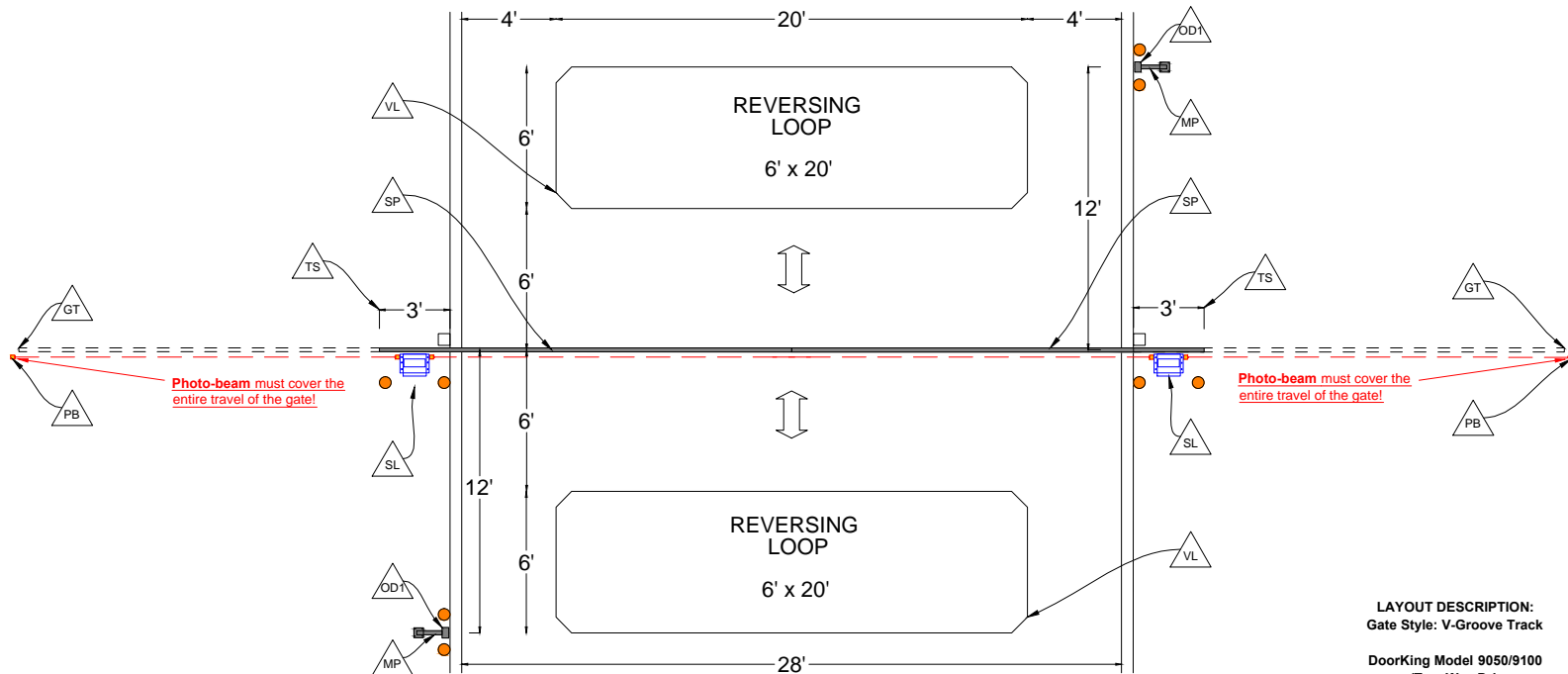
DoorKing Model 9050/9100
w/Two-Way Drive
w/Entry Device & Free Exit
w/Right-Hand Operator Mount
w/6' Loops for High Vehicles

Layout 7



COMPONENTS

SL	Slide Gate Operator: DoorKing Model 9050/9100
SW	Swing Gate Operator:
PK	Parking Barrier Operator:
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: V-Groove Track

DoorKing Model 9050/9100
w/Two-Way Drive
w/Entry & Exit Device
w/Bi-parting Operator Mount
w/6' Loops for High Vehicles

Layout 9

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LAYOUT_DESCRIPTION

LAYOUT 9

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LAYOUT_DESCRIPTION

LAYOUT 12

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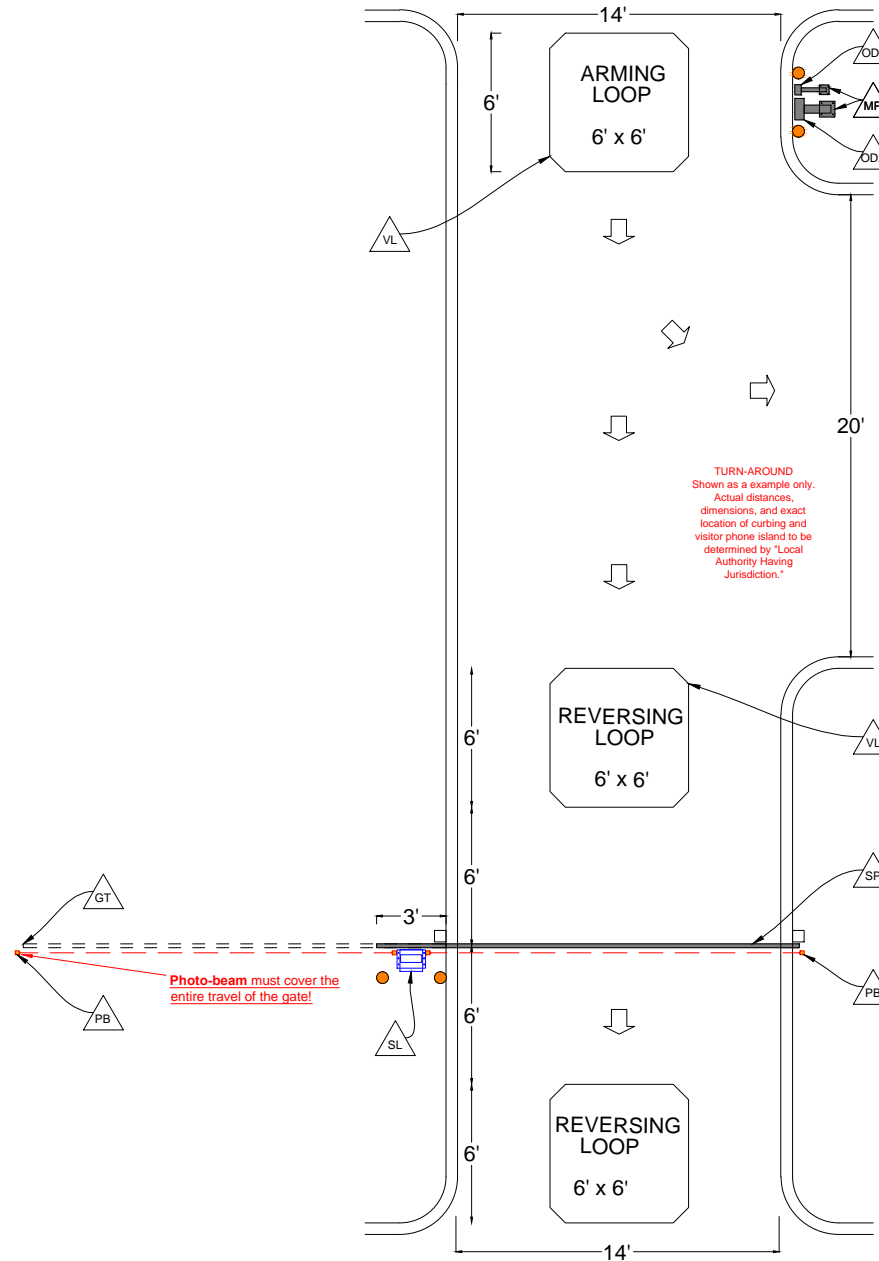
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LAYOUT DESCRIPTION: Gate Style: V-Groove Track

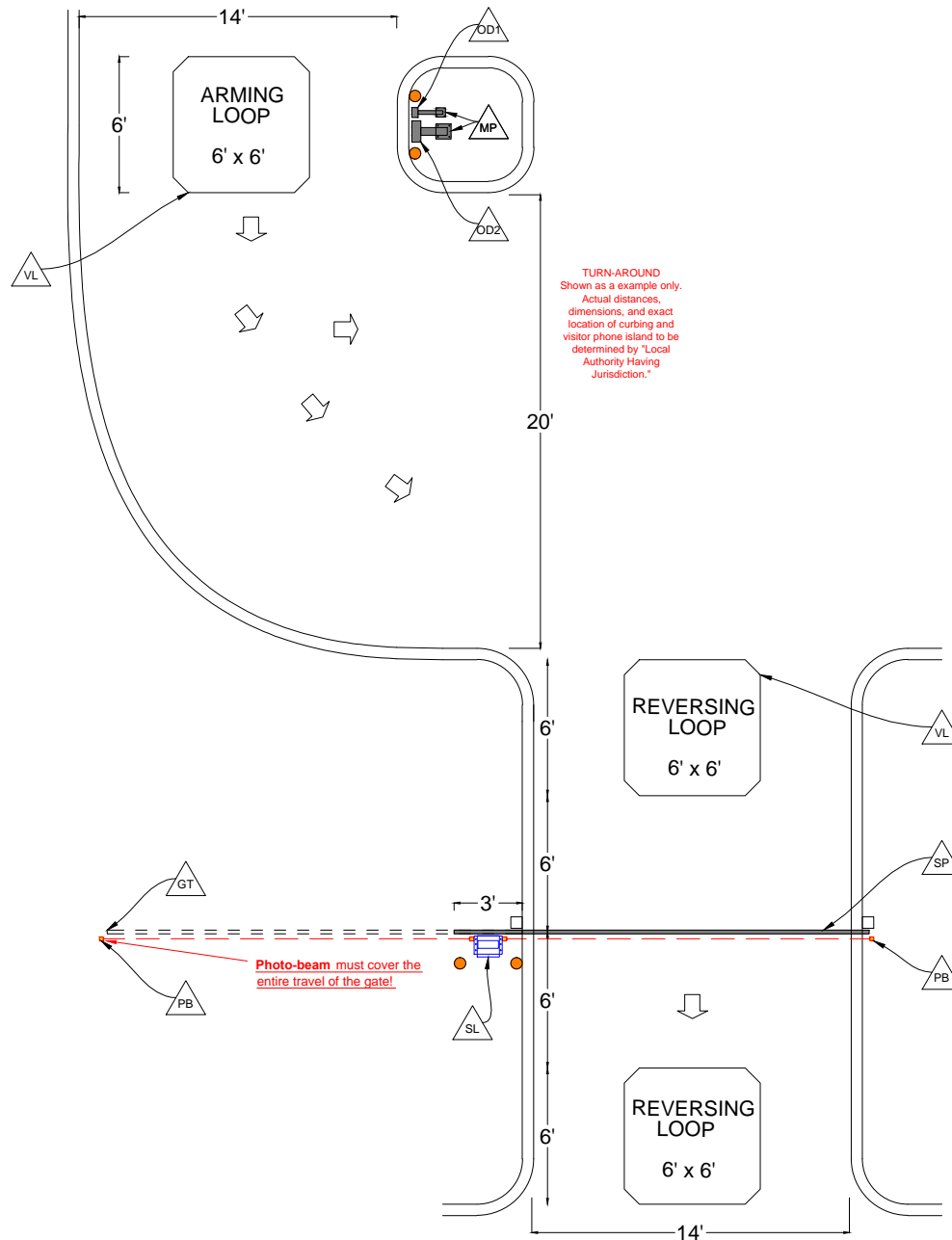
DoorKing Model 9050/9100
w/One-Way Drive & Turn-around
w/Telephone Entry System
w/DoorKing Card Reader/Keypad
w/Left-hand Operator Mount
w/6' Loops for High Vehicles

Layout 12



COMPONENTS

SL	Slide Gate Operator: DoorKing Model 9050/9100
SW	Swing Gate Operator:
PK	Parking Barrier Operator:
PB	Photo Beam: DoorKing Model 8080-031
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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: V-Groove Track

DoorKing Model 9050/9100
w/One-Way Drive & Off-set Turn-around
w/Telephone Entry System
w/DoorKing Card Reader/Keypad
w/Left-hand Operator Mount
w/6' Loops for High Vehicles

Layout 13

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.
- 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 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.
- 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 13

NTS

NOT TO SCALE

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