

# Gate Operator System Reference

## CONTROLLED ENTRY – FREE EXIT – LOOP DETECTOR TO REVERSE

### SYSTEM CONSISTS OF:

- 1 Operator
- 1 Time Delay (included)
- 2 Loops
- 2 Vehicle Detectors
- 1 Card Reader or Digital Keypad
- 1 Three-Button Switch (included)  
(key switch or radio control may be added)  
Photoelectric Control or Electric Gate Edge (not shown)

### NOTE:

An additional three-button station located inside the building permits opening and closing the gate by push button for additional flexibility of operation.



**Automatic vehicular gates are not for pedestrian use!** Automatic vehicular gate operators are designed for vehicular traffic only. They are powerful, and can cause serious injury or death. Accordingly, direct all pedestrian traffic to a separate pedestrian gate.

UL325 requires the use of contact or non-contact anti-entrapment devices.

### SYSTEM SEQUENCE:

#### Entry:

The vehicle approaches the entrance and driver places the coded card into card reader or punches digital keypad. This creates an impulse which actuates the operator and opens the gate.

As the vehicle goes through the opening, it passes over the “outer loop” and “inner loop,” creating an impulse to hold the gate open. When the loops have been cleared, the timer, after a preset period, sends an impulse to the gate operator to “close” the gate.

If the gate is closing as the vehicle reaches the loop area, the gate reverses to the open position and the timer automatically resets.

#### Exit:

From inside the fence line, the vehicle approaches the exit and passes over the inner loop. This transmits an impulse to actuate the operator and open the gate. As the vehicle passes over the inner and outer loops, an impulse is transmitted to hold the gate in an open position. When the vehicle clears both loops, the timer (after a preset period) sends an impulse to the gate operator to “close” the gate.

## CONTROLLED ENTRY – ONE WAY TRAFFIC – LOOP DETECTOR TO REVERSE

### SYSTEM CONSISTS OF:

- 1 Operator
- 1 Time Delay (included)
- 2 Loops
- 1 Vehicle Detector
- 1 Card Reader or Digital Keypad
- 1 Three-Button Switch (included)  
(key switch or radio control may be added)  
Photoelectric Control or Electric Gate Edge (not shown)

### NOTE:

An additional three-button station located inside the building permits opening and closing the gate by push button for additional flexibility of operation.

### SYSTEM SEQUENCE:

#### Entry:

The vehicle approaches the entrance and driver places the coded card into card reader or punches digital keypad. This creates an impulse which actuates the operator and opens the gate.

As the vehicle goes through the opening, it passes over the “outer loop” and “inner loop,” creating an impulse to hold the gate open. When the loops have been cleared, the timer (after a preset period) sends an impulse to the gate operator to “close” the gate.

If the gate is closing as the vehicle reaches the loop area, the gate reverses to the open position and the timer automatically resets.

## FREE EXIT – LOOP DETECTOR TO REVERSE

### SYSTEM CONSISTS OF:

- 1 Operator
- 1 Time Delay (included)
- 2 Loops
- 2 Vehicle Detectors
- 1 Three-Button Switch (included)  
(key switch or radio control may be added)  
Photoelectric Control or Electric Gate Edge (not shown)

### NOTE:

The three-button station located inside the building permits opening and closing the gate by push button for additional flexibility of operation.

### SYSTEM SEQUENCE:

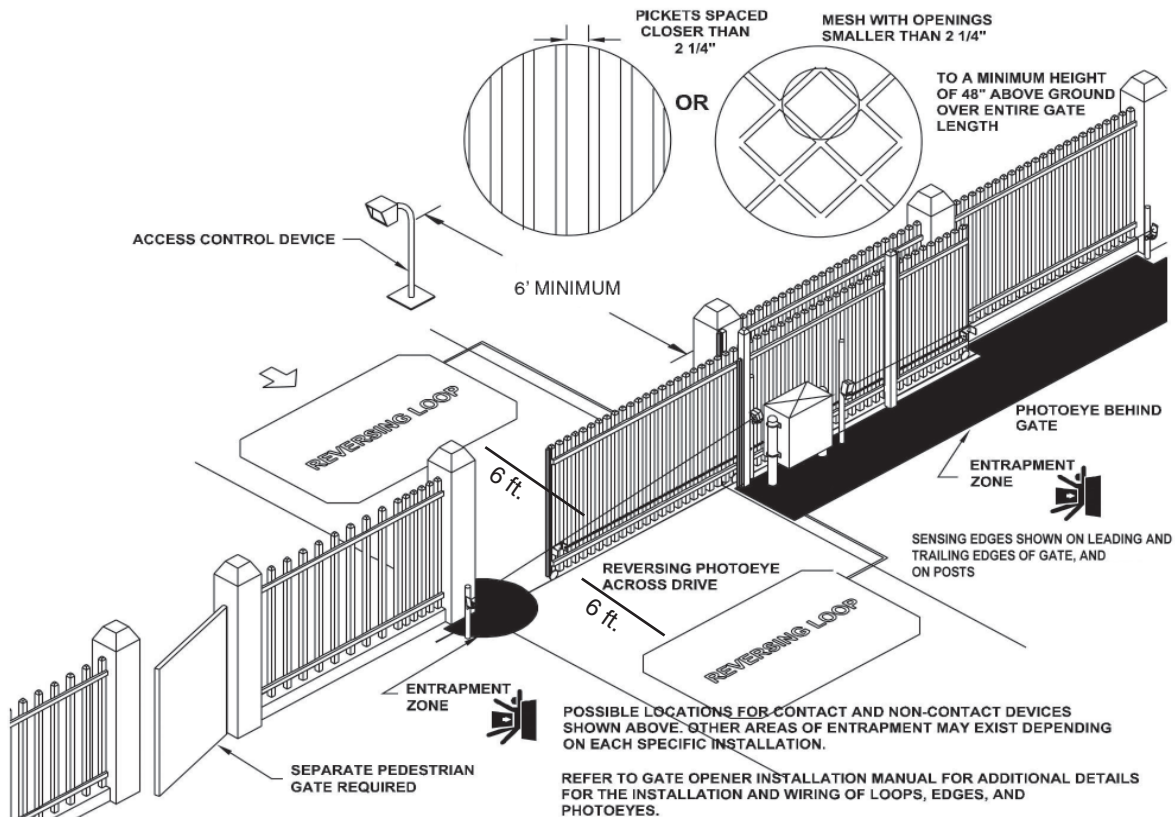
#### Exit:

From inside the fence line, the vehicle approaches the exit and passes over the inner loop. This transmits an impulse to actuate the operator and open the gate. As the vehicle passes over the inner and outer loops, the timer (after a preset period) sends an impulse to the gate operator to “close” the gate.

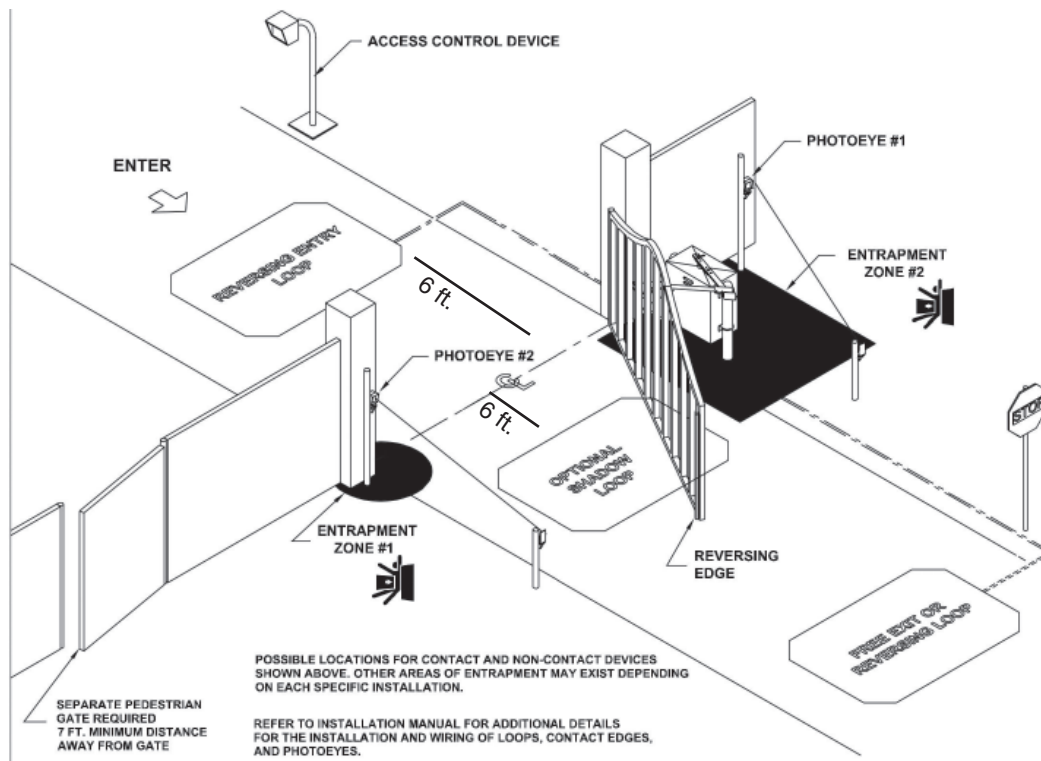
If the gate is closing as the vehicle reaches the loop area, the gate reverses to the open position and the timer automatically resets.

# Gate Operator System Reference

## TYPICAL SLIDE GATE OPERATOR SYSTEM LAYOUT FOR MODELS SLC • SLR • SLD • HSLG • GSLG-A • VS-GSLG

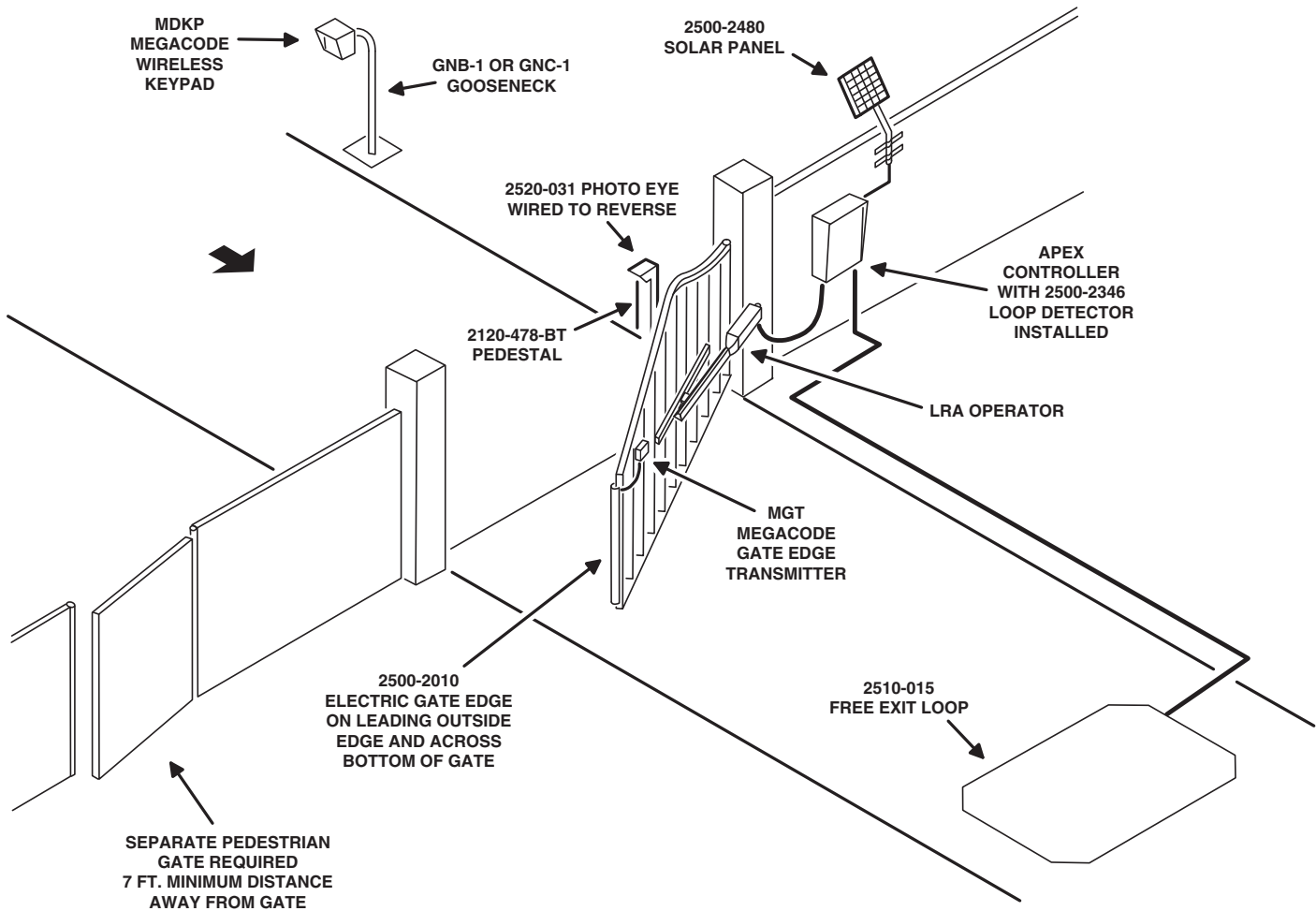


## TYPICAL SWING GATE OPERATOR SYSTEM LAYOUT FOR MODELS SWC • SWR • SWD • SWG • VS-GSWG



# Gate Operator System Reference

## TYPICAL SWING GATE ENTRY SYSTEM LAYOUT FOR RESIDENTIAL GATE WITH REMOTE SOLAR POWER



# Gate Operator System Reference

## TYPICAL SLIDE GATE ENTRY SYSTEM LAYOUT FOR MULTI-FAMILY INSTALLATION

