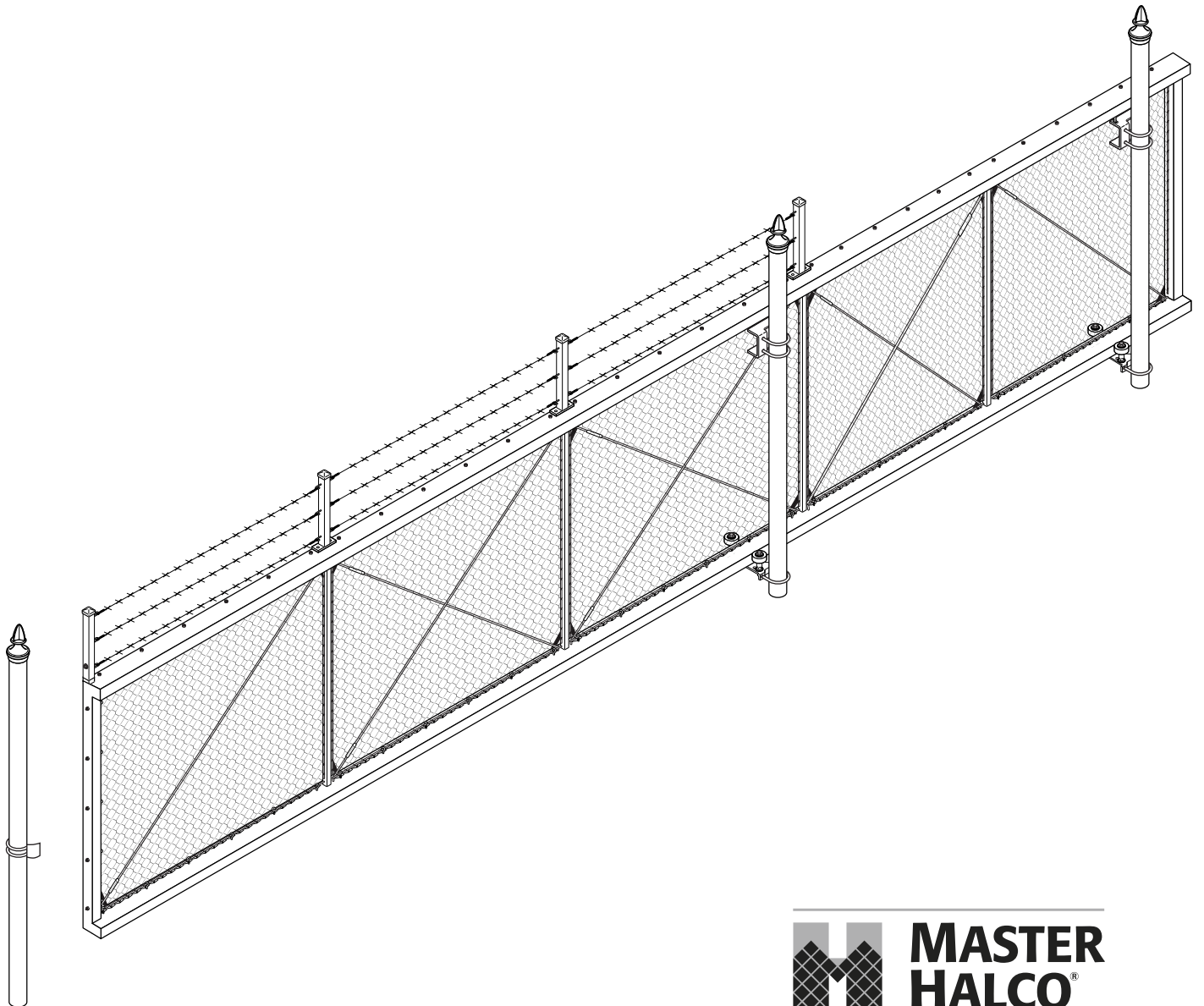


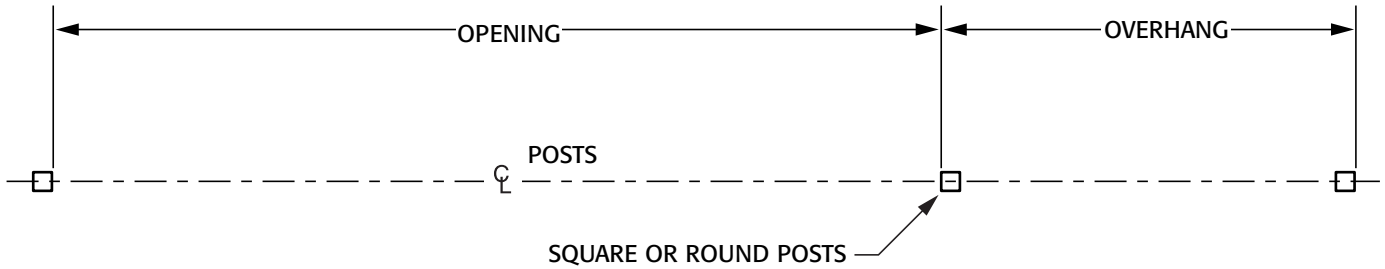
INSTALLATION INSTRUCTIONS

ANCHOR SURTRAC™ CANTILEVER SLIDE GATE



1 SET POSTS

Set posts per chart (Detail A). It is important that posts be set to the exact measurements and that the center line (☉) of all posts be exact for proper alignment to latch post. This will ensure maximum life for your gate.



Detail A

OPENING		OVERHANG
FROM	TO	
6' - 0"	10' - 0"	6' - 6"
11' - 0"	14' - 0"	7' - 6"
15' - 0"	22' - 0"	10' - 0"
23' - 0"	30' - 0"	12' - 0"

2 ATTACH TRUCK ASSEMBLY BRACKETS

Attach truck assembly brackets to posts using "U" bolts (See Chart A below for location). Note that the mounting hole in the brackets must face into the area of the overhang (See plan view at top of Detail B1 & B2, page 2). Before tightening the nuts on the "U" bolts, make sure that the two brackets are level with each other and gate is at proper elevation. There are different brackets for round and square posts Detail B1 & B2 Round and B1 & B2 Square). Square brackets will automatically align if posts are properly set. The bracket on round posts should be installed (Detail C) so that the side edge of the bracket is parallel to the gate frame while the other edges of the bracket are at 90 degree angles to the gate.

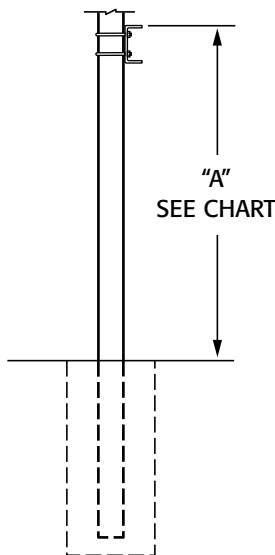
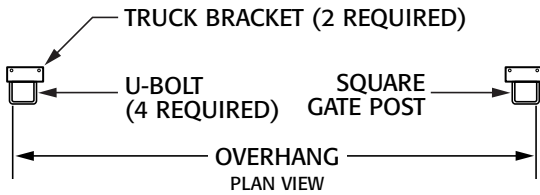


Chart A

The top of your truck bracket should be "A" off the ground	
HEIGHT OF GATE	BRACKET OFF GROUND
3' - 0"	32"
4' - 0"	44"
5' - 0"	56"
6' - 0"	68"
7' - 0"	80"
8' - 0"	92"
9' - 0"	104"
10' - 0"	116"
11' - 0"	118"
12' - 0"	140"

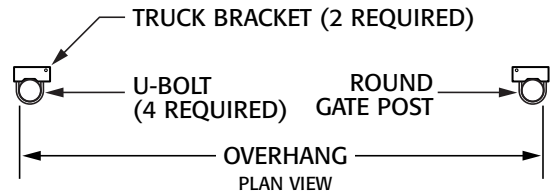
Square Posts

**Detail B1
Truck Bracket Installation**



Round Posts

**Detail B1
Truck Bracket Installation**



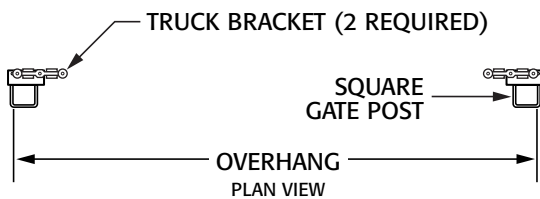
3 ATTACH TRUCK ASSEMBLY

Attach truck assembly to brackets (Detail B2). Note that the trucks are attached through the hole closest to the center of the overhang area. If this is not done, the truck will protrude from the track when the gate is in the full open or closed position. This could cause damage to the truck assembly.

Next, tighten the nuts on the truck assembly. The bottom lock-type nut should be tightened first. The bolt should not protrude more than 1/8" through the bottom of the lock nut. Then, tighten the upper nut to hold the bolt tight in the bracket. These two nuts are not to be used to level the gates. If gate is not level, repeat Step 2. There should be clear space between the top of the upper nut and the aluminum track (Detail D).

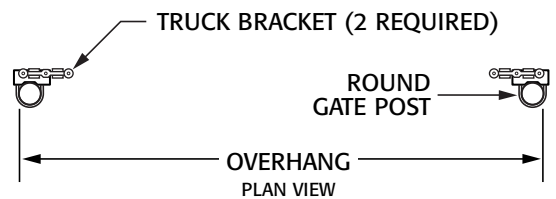
Square Posts

**Detail B2
Truck Assembly Installation**

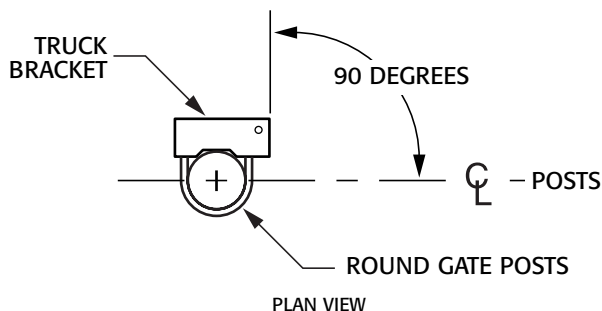


Round Posts

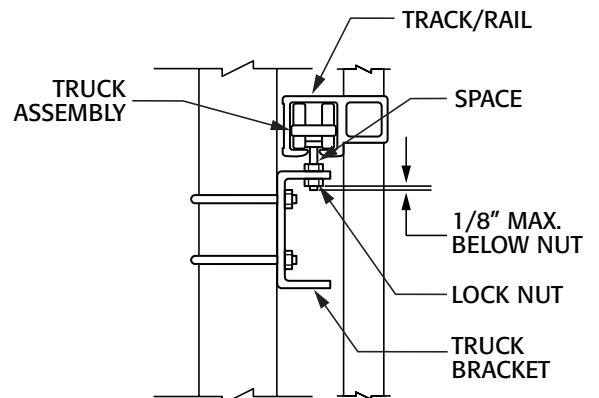
**Detail B2
Truck Assembly Installation**



Detail C



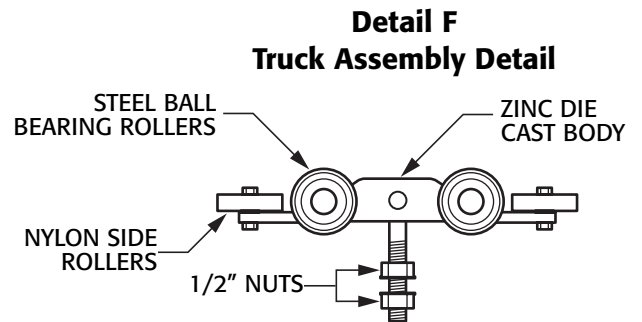
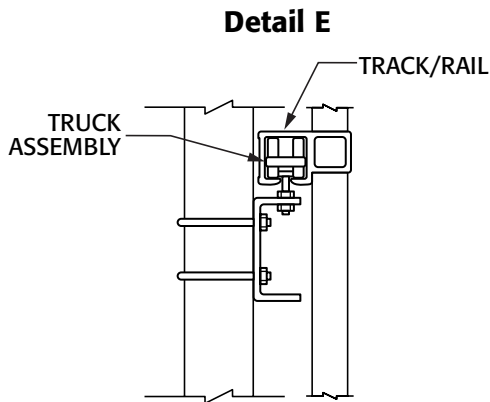
Detail D



4 ATTACH GATE

Slide gate onto the rollers (Detail E). Important: Make sure that the 2 side (nylon) rollers are both on the truck assembly (Detail F). If one has fallen off during assembly, now is the time to remove the gate from the rollers and reinstall the nylon rollers.

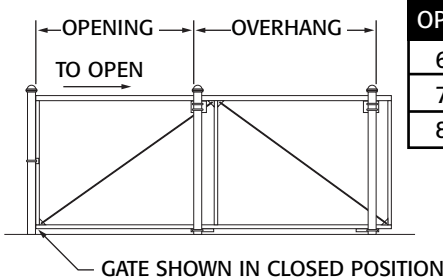
NOTE: These rollers cannot come off the truck once properly installed inside the gate track. Should the rollers be loose (off the truck) inside the track, this will nullify the warranty.



5 CLOSED GATE

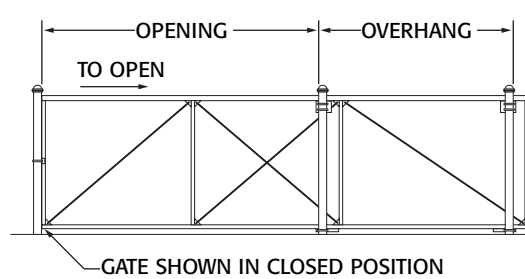
When gate is in fully closed position, it will look like:

Detail G
For Openings 6' - 0" to 8' - 0"



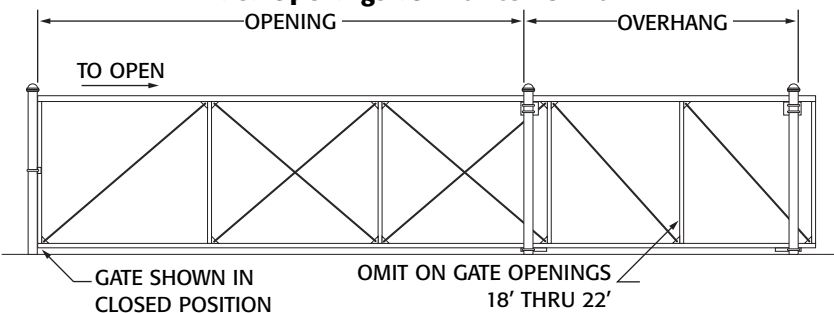
OPENING	OVERHANG
6' - 0"	6' - 6"
7' - 0"	6' - 6"
8' - 0"	6' - 6"

Detail H
For Openings 9' - 0" to 18' - 0"



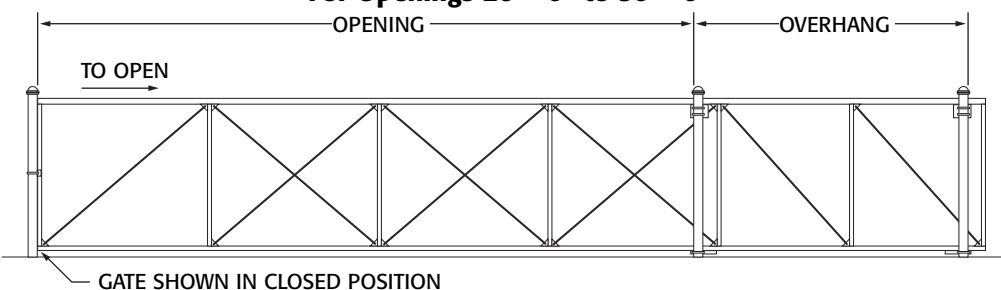
OPENING	OVERHANG
9' - 0"	6' - 6"
10' - 0"	6' - 6"
11' - 0"	7' - 6"
12' - 0"	7' - 6"
13' - 0"	7' - 6"
14' - 0"	7' - 6"
15' - 0"	10' - 0"
16' - 0"	10' - 0"
17' - 0"	10' - 0"
18' - 0"	10' - 0"

Detail I
For Openings 19' - 0" to 25' - 0"



OPENING	OVERHANG
19' - 0"	10' - 0"
20' - 0"	10' - 0"
21' - 0"	10' - 0"
22' - 0"	10' - 0"
23' - 0"	12' - 0"
24' - 0"	12' - 0"
25' - 0"	12' - 0"

Detail J
For Openings 26' - 0" to 30' - 0"

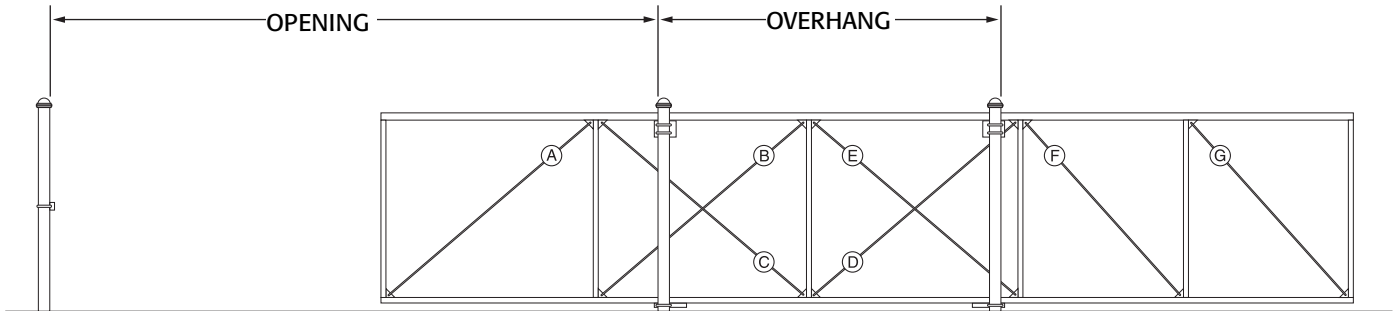


OPENING	OVERHANG
26' - 0"	12' - 0"
27' - 0"	12' - 0"
28' - 0"	12' - 0"
29' - 0"	12' - 0"
30' - 0"	12' - 0"

6 ADJUST TRUSS RODS

Next, you must adjust the truss rods to fine tune the gate. Move the gate into the half open/half closed position. Check that gate is level (Detail K). All rods should be approximately the same tension; snug, but not overtight.

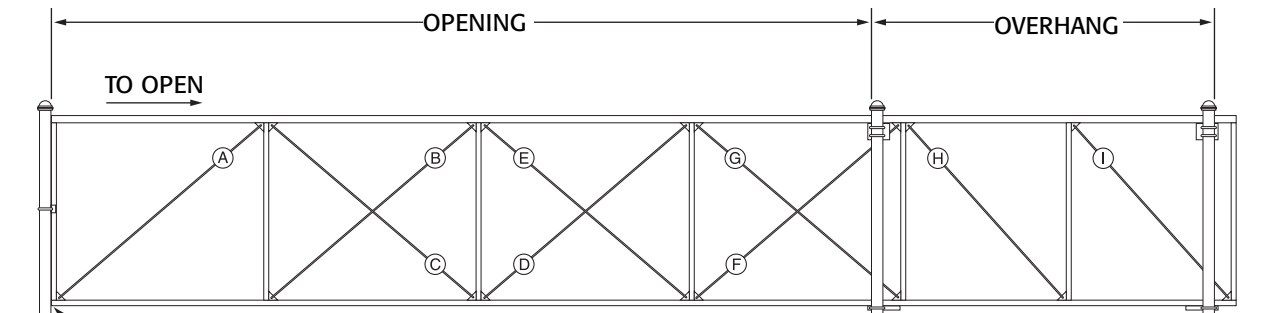
Detail K



GATE SHOWN IN HALF OPEN POSITION

To further check, you may do the following: In Detail L, where the gate is in the fully closed position, truss rods A, B, D, F, H and I should all be taut. Truss rods C, E and G will be slightly slack.

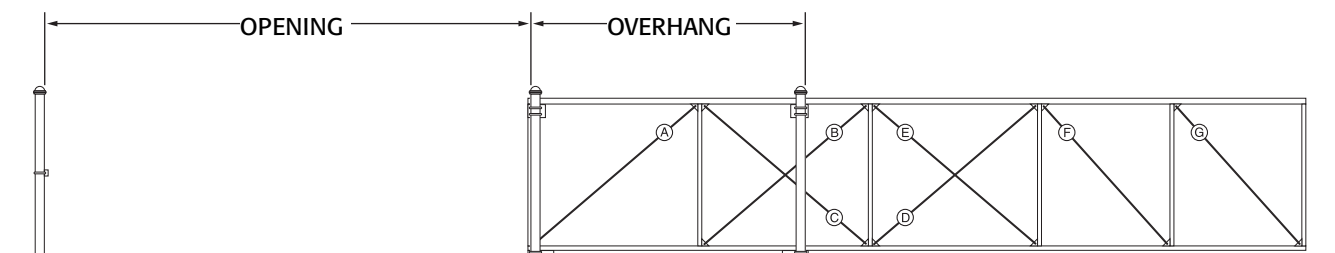
Detail L



GATE SHOWN IN CLOSED POSITION

In Detail M, where the gate is in the fully opened position, truss rods C, E, F and G should be taut. Truss rods A, B and D will be slightly slack.

Detail M

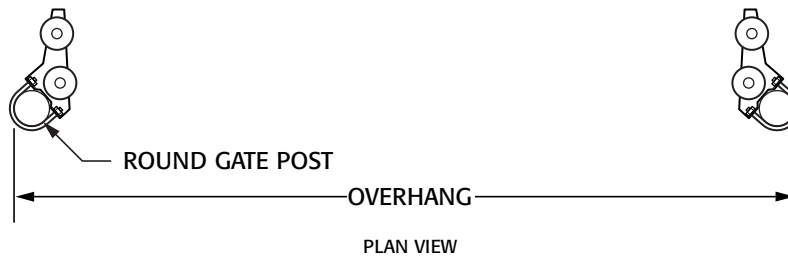


GATE SHOWN IN FULL OPEN POSITION

7 **INSTALL GUIDE ROLLERS**

Install the bottom guide rollers into counter balances (Detail N - note right and left offsets). Adjust so that the roller is in loose contact with the bottom member of the gate at all times whether opening or closing (Detail O). Do not make rollers tight to the frame.

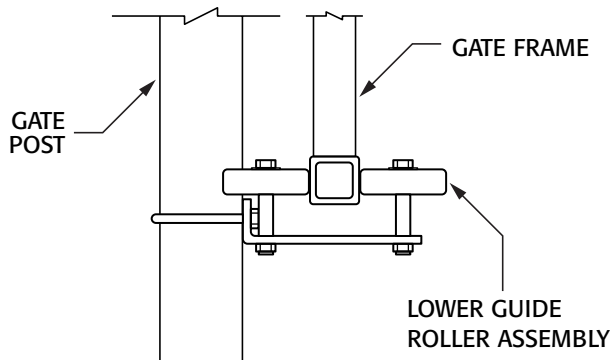
Detail N
Lower Guide Roller Assembly Installation



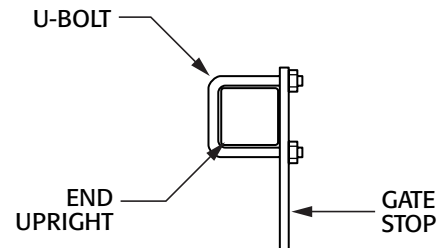
8 **INSTALL STOP BARS**

Install two stop bars using the flat stop and the "U" bolts around the first and the last vertical members of the gate. These bars will hit the roller bracket, thus stopping the gate from opening or closing too far (Detail P). If not installed, gate can roll off track.

Detail O

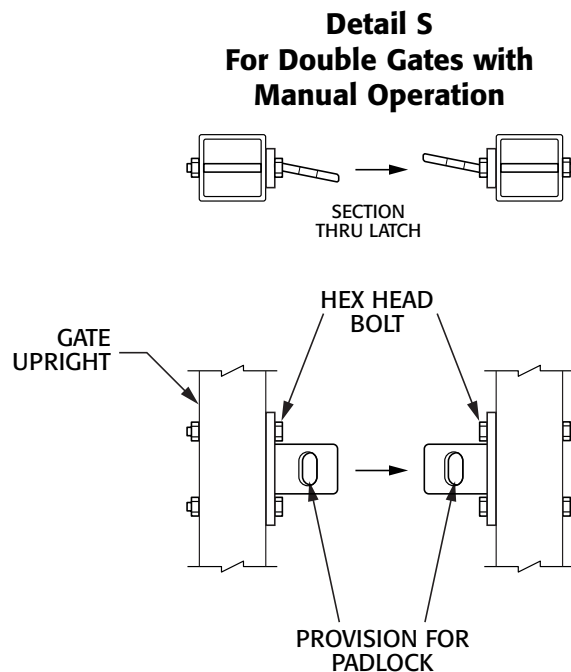
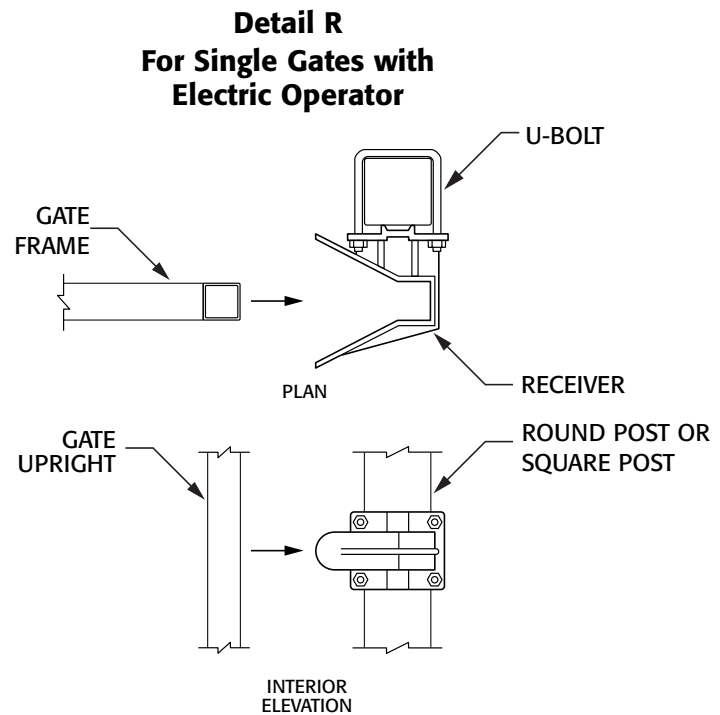
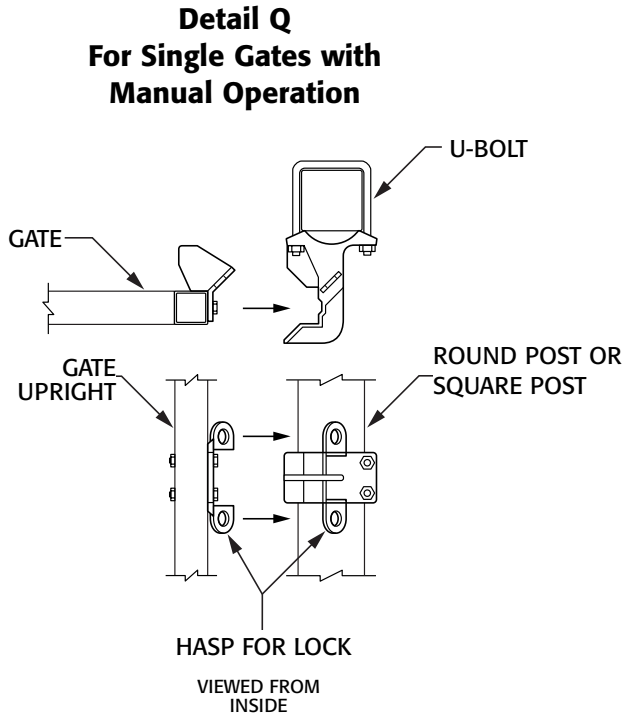


Detail P



9 **INSTALL LATCH**

Install latch and your gate project is completed. There are three types of latches. Detail Q shows a single latch for manually operated gates. Detail R shows a latch for electric operated gates. Detail S shows a latch for a double gate that is manually operated.



10 **EASY OPERATION**

Gates up to 30' - 0" move with one finger without difficulty. If this does not happen, you have installed something improperly.