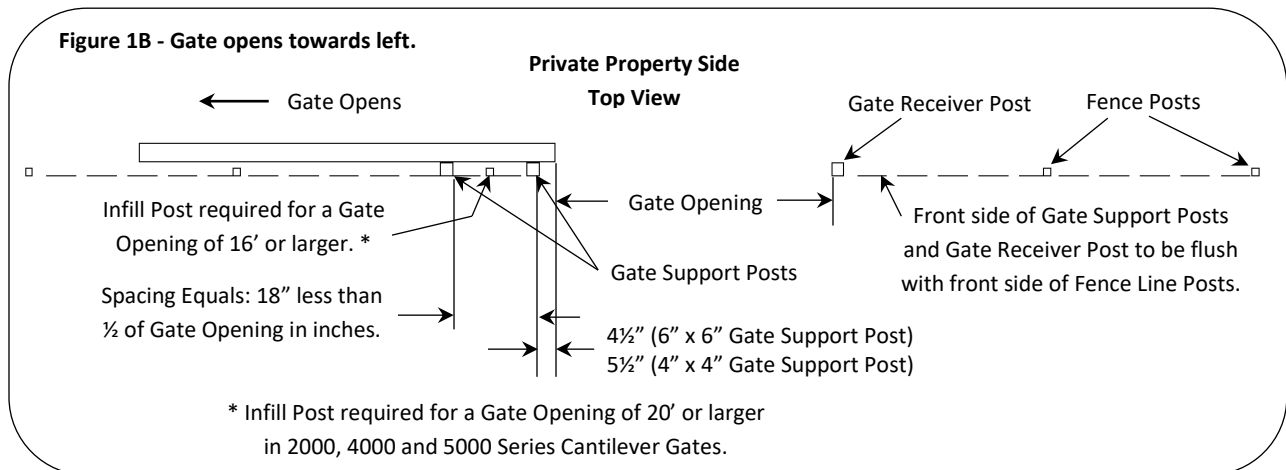
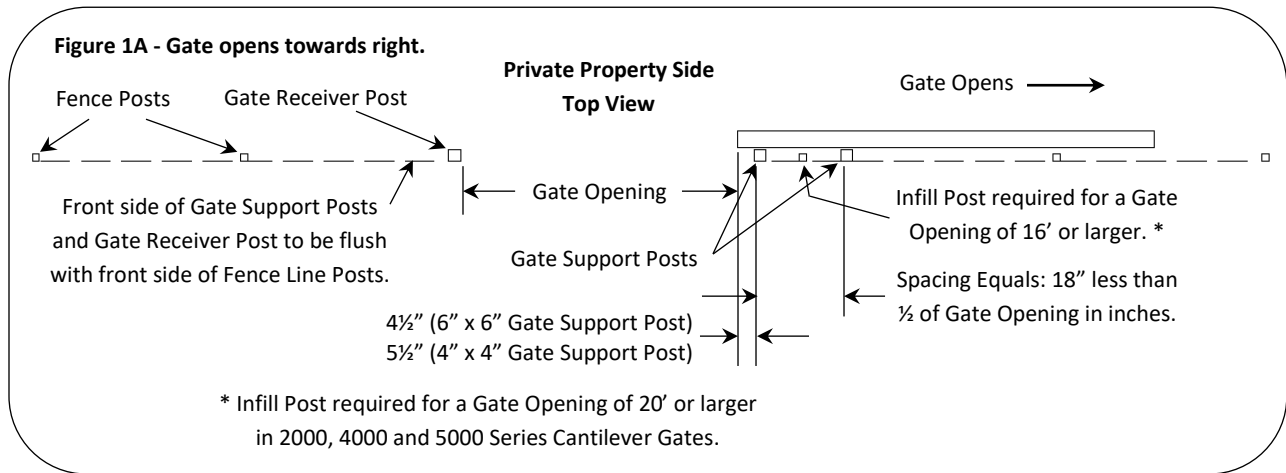


Cantilever Gate Inline

Installation Instructions



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Inspect the area where Cantilever Gate is to be installed to ensure that area is level and free from any obstructions.

Please follow all local building practices and codes for proper diameter and depth of footers used for Cantilever Gate post installation. There are various soil types which can affect post footer requirements.

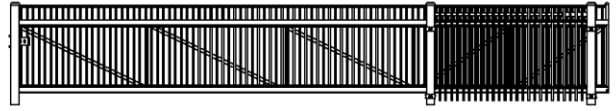
Concrete footers need to be sufficient for posts used on Cantilever Gates.

When digging footers for Cantilever Gate posts make the bottom of footer holes at least 6" bigger in diameter than the top of footer hole. This will create a bell-shaped hole to pour concrete into. Pour and level concrete to 6" below grade or ground level. This allows for concrete to be covered with soil to prevent heaving from freezing.

Lay out area where Cantilever Gate will be located. Use paint to mark where post footer holes will be located. Use stake and string for straight alignment of post locations. Dig all footer holes. Position posts and pour concrete into footer holes. Use a level and string to align and plumb posts.

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Minimum requirements for Cantilever Gate post footers.

Gate Opening	Gate Height	Support Posts	Receiver Post	Hole Diameter	Hole Depth
12' to 16'	up to 72"	4" x 4"	4" x 4"	18"	42"
	over 72"	6" x 6"	6" x 6"	24"	42"
over 16' to 20'	up to 72"	4" x 4"	4" x 4"	18"	42"
	over 72"	6" x 6"	6" x 6"	24"	48"
over 20' to 22'	up to 72"	6" x 6"	6" x 6"	24"	42"
	over 72"	6" x 6"	6" x 6"	24"	48"
over 22' to 26'	up to 72"	6" x 6"	6" x 6"	30"	48"
over 26' to 32'	up to 72"	6" x 6"	6" x 6"	36"	48"

Tools for Cantilever Gate post installation:

Measuring Tape – 50ft or longer	Spud Bar
Tape Measure	Level
Large Auger	Stakes
Post Hole Digger	String
Shovels	Marking Paint
Sledgehammer	Concrete

Tools for Cantilever Gate installation:

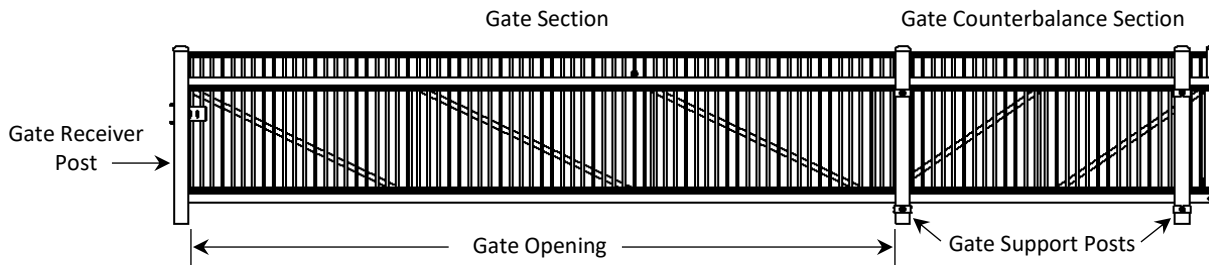
Moveable Heavy Lift	#2 Square Drive Bit
Level	#2 Phillips Head Bit
Square	3/8" Ratchet Driver
Tape Measure	3/8" Drive Socket Set
Cordless Drill	Standard Wrench Set
Drill bits	2 Adjustable Wrenches
Cordless Screw gun	Rubber Mallet

Cantilever Gate Inline

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Note: Cantilever Gate is to be installed with Counterbalance Section between Gate Support Posts.

1. Install gate support posts and gate receiver/stop post level with fence posts according to the direction the gate opens.

Note: Longer gates are shipped in two sections and will need to be assembled before installing onto gate support posts.

Position the two gate sections so that they are in alignment with each other. Insert section with attached splice bar into the tracks on opposite section. (Figure 2) Pull sections together so that pre-drilled holes are in alignment. (Figure 3)

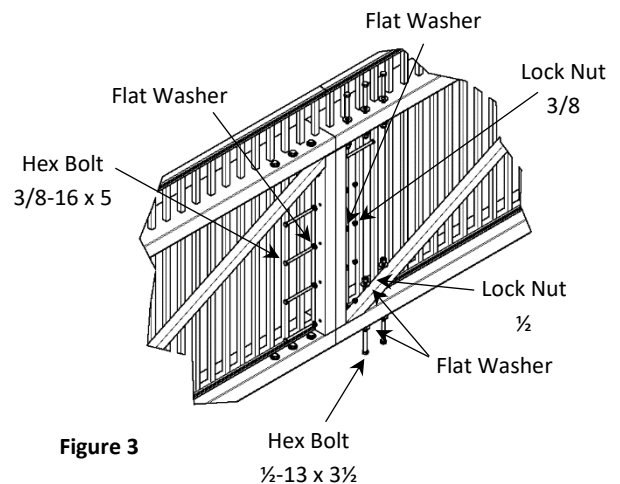
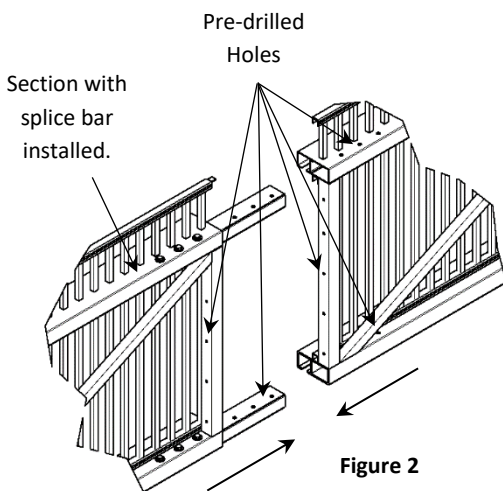


Figure 3

Use hardware (provided) to attach the two gate sections together and tighten bolts accordingly. (Figure 4)

Gate sections
(assembled)

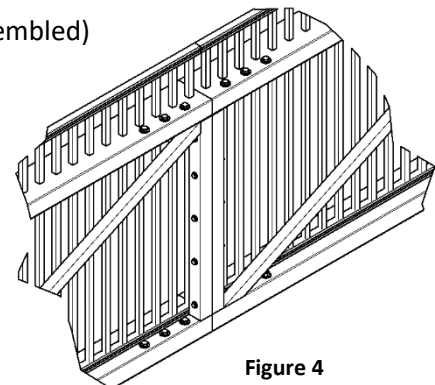


Figure 4

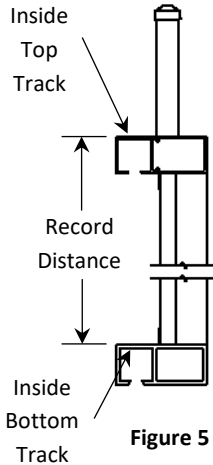
Cantilever Gate Inline

Installation Instructions

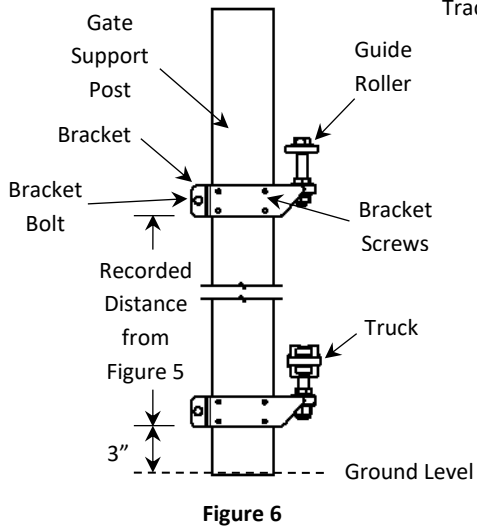


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2. Measure gate end and record distance between two tracks. (Figure 5)

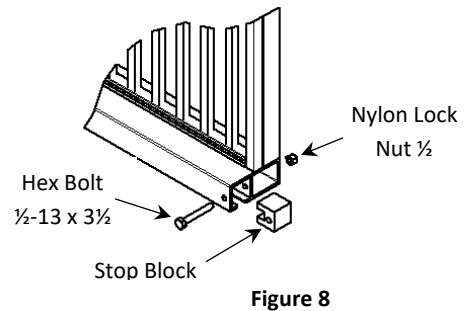


3. Position bracket/truck and bracket/guide roller units onto each gate support post. Snug bolt in bracket; do not attach with screws at this point to allow for adjustments. (Figure 6)



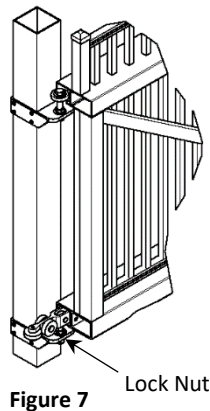
5. Adjust gate position with truck and guide roller bolts and/or bracket heights. Gates should be adjusted to slide freely without binding on trucks.

6. Install internal stop blocks on both ends of bottom track. (Figure 8)

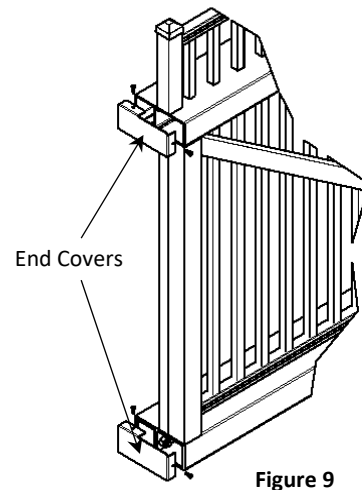


NOTE: Trucks replace guide rollers for gate openings exceeding 22ft. (Figure 6)

4. Slide gate onto truck and guide roller. (Figure 7)
Slide gate toward next post and repeat. Continue sliding gate till gate is balanced on trucks.



7. Attach gate end covers with screws provided. (Figure 9)



Cantilever Gate Inline

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8. Install stop bracket at desired height with screws provided. Attach receiver. Adjust if necessary. (Figure 10)

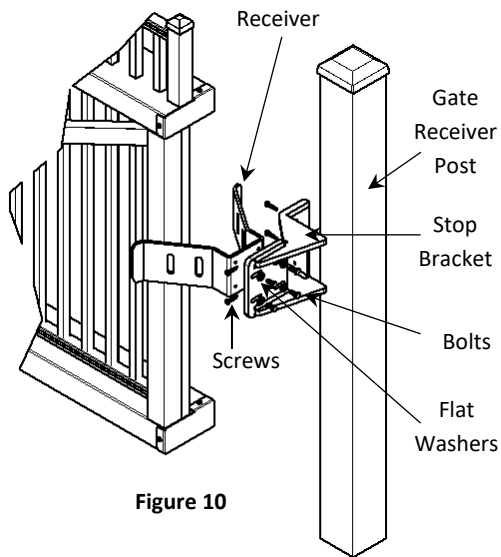


Figure 10

9. When gate and receiver position adjustments are complete, tighten lock nuts on truck bolts, tighten receiver bolts, and install bracket screws.

10. Install Gate End Protector. (Figure 11)

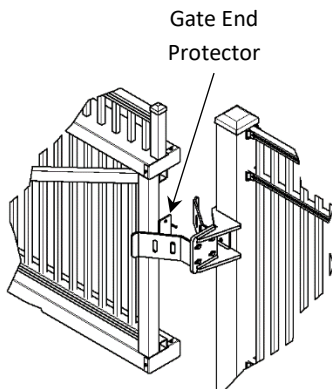


Figure 11

11. Install post brace at the desired height. Check clearance for any infill section (Figure 15) that will be installed between Gate Support Posts. (Figure 12)

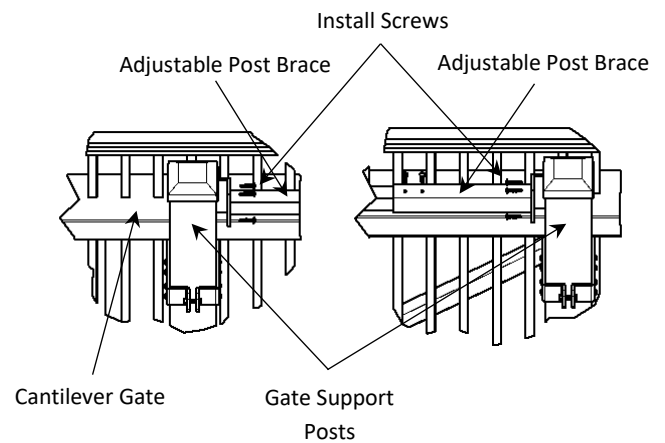


Figure 12

12. Install a safety guard on each support post with screws provided. (Figure 13)

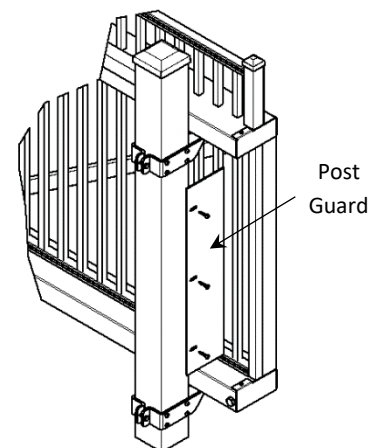


Figure 13

Cantilever Gate Inline

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13. Attach post deflectors at each fence post adjacent to gate in open position (beyond gate support posts).
(Figure 14)

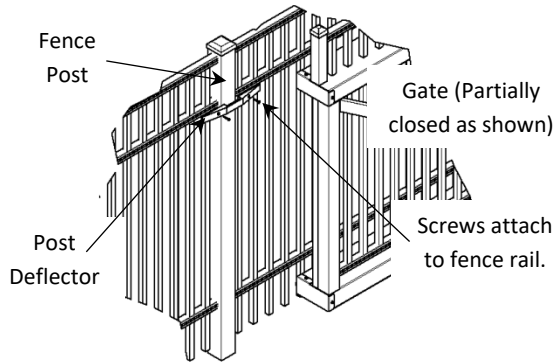


Figure 14

14. Remove eyebolt; replace with truss bolt provided.
Tighten nut. (Figure 15)

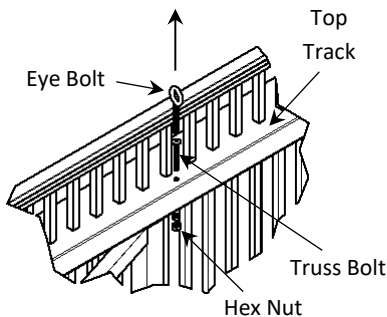


Figure 15

15. Install infill section(s) between gate support posts with recommended rail mounts (sold separately).
(Figure 16)

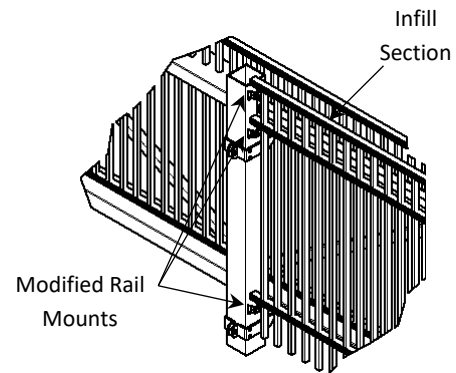


Figure 16