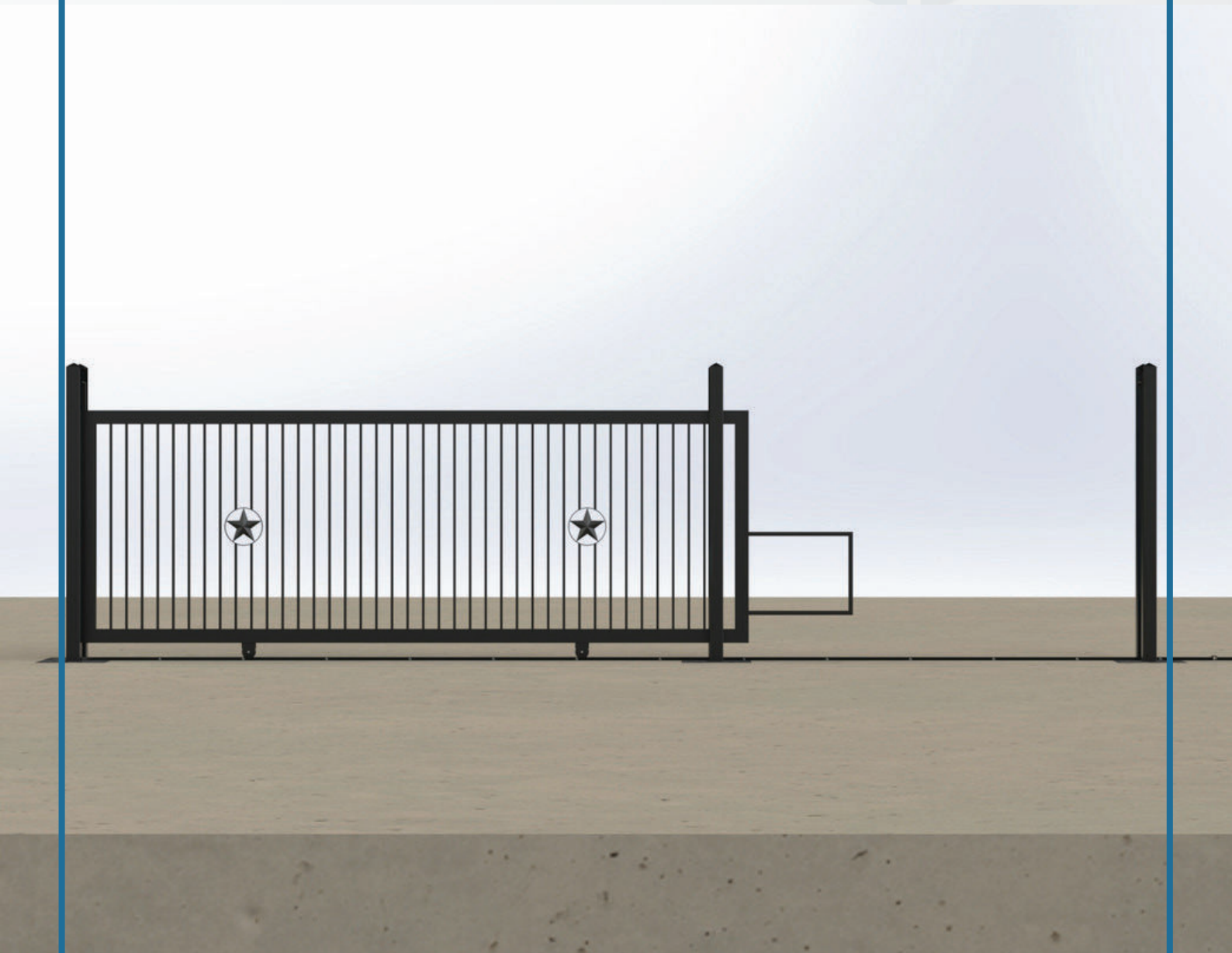




HOW TO INSTALL Sliding Gate



1. Prepare Accesories



1. Hammer
2. Trowel
3. One wheel trolley
4. Concrete 3/8" drill bit
5. Hammer drill machine
6. String line level

7. Levelling instrument ruler
8. Straight ruler
9. Spray paint
10. String
11. Shovel
12. Oil spray bottle gun

2. Prepare Parts Sliding Gate Kit

Part 1: Post A



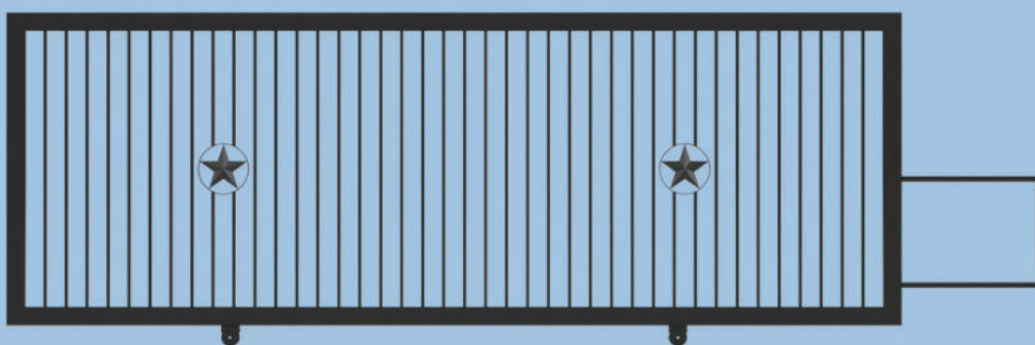
Part 2: Post B



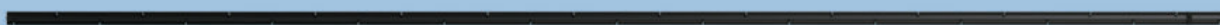
Part 3: Post C



Part 4: Main Gate



Part 5: "V" Groove Track



Part 6: Rollers



Part 7: Anchor Bolts



3. Setting Your Terminal Posts

Holes for terminal posts and line posts are typically dug about 20" x 10" and 18" deep with sloped sides. In this instruction, we will guide the installation of 16 feet sliding gate.

Step 1

Dig three terminal post holes with a shovel and name them A, B, C from left to right, respectively (figure 3.1).

Step 2

Put posts down on the hole A and on the hole C (Note: Make sure the stopper of post A is facing outside) the post should be centered in the hole and the distance between two posts is 304". Tie the string to post A and C and put post B down the hole B. Make sure both of them are straight (figure 3.2) (figure 3.3).

Step 3

Check perpendicularity and parallelism by using string and the leveling instrument ruler. Make sure the post is straight.

Step 4

Pour concrete around the post (about 3 bags of 80 lbs cement, 4000 psi), fill to ground level. Keep the concrete cures for 48 hours (figure 3.4).

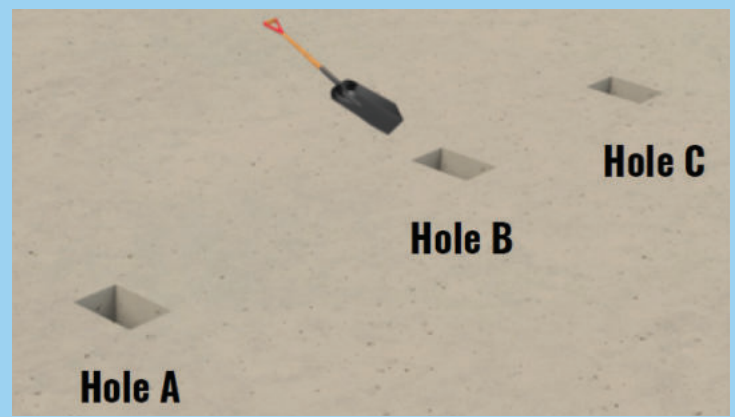


Figure 3.1

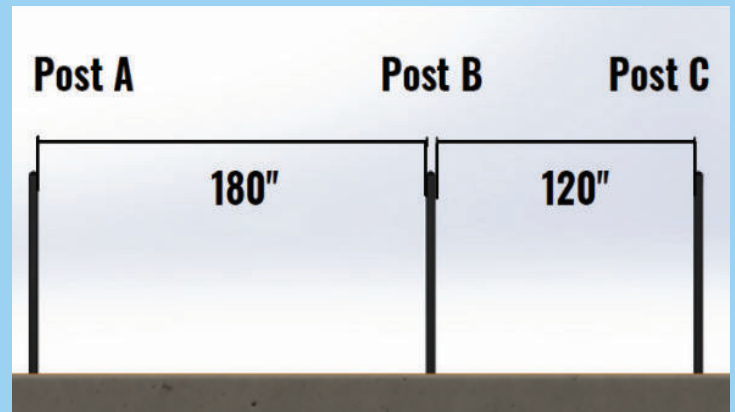


Figure 3.2

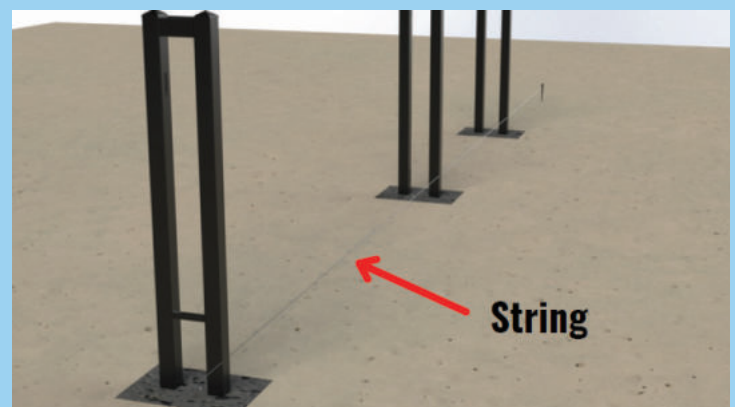


Figure 3.3



Figure 3.4

4. Install "V" Groove Track

Step 1

Prepare slide gate "V" groove track and anchor bolts 3/8" x 4". After receiving the track from supplier, our factory will drill holes in the shape of a zigzag (figure 4.1).

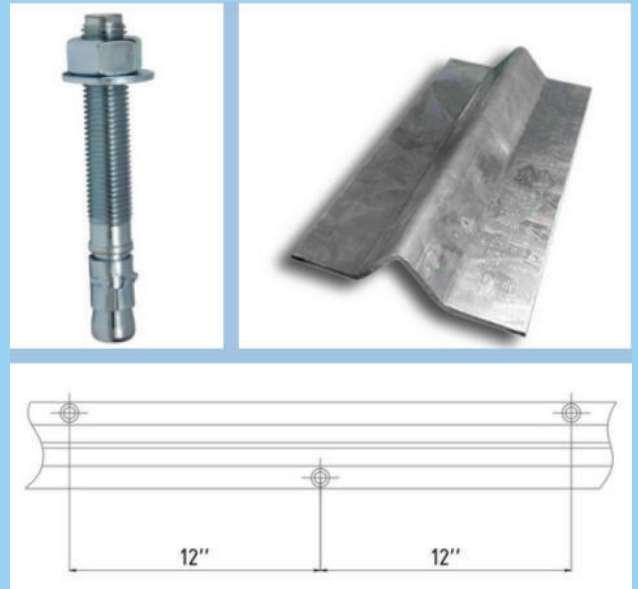


Figure 4.1

Step 2

Put "V" groove track middle of post pairs A,B, C. Make sure it's always straight (figure 4.2).



Figure 4.2

Step 3

Using hammer drill machine to fix "V" groove track with ground in a zigzag pattern and distance between two bolts is 12" (figure 4.3).

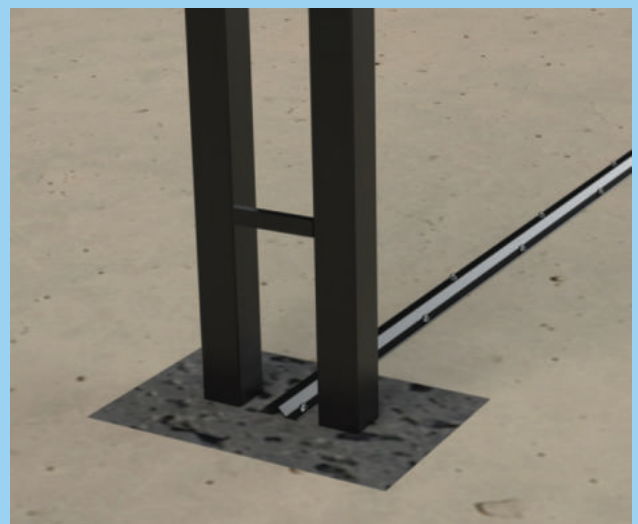


Figure 4.3

5. Install Sliding Gate

Step 1

Prepare sliding gate and make sure two "V" track wheels roll in a straight line. Push sliding gate to between of each pair of posts, then install rollers to them (figure 5.1).

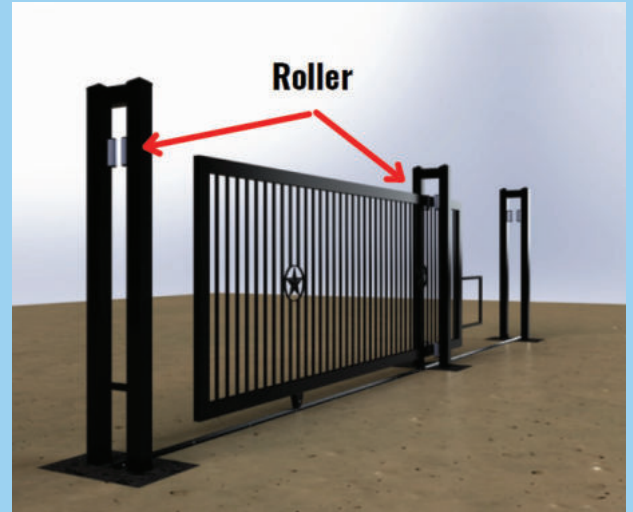


Figure 5.1

Step 2

Using lubricating oil to spray on "V" groove track surface. Make sure the sliding gate move left and right smoothly (figure 5.2).



Figure 5.2

Step 3

A stopper between pair of post A and a second stopper on the "V" groove track to limit movement of sliding gate.

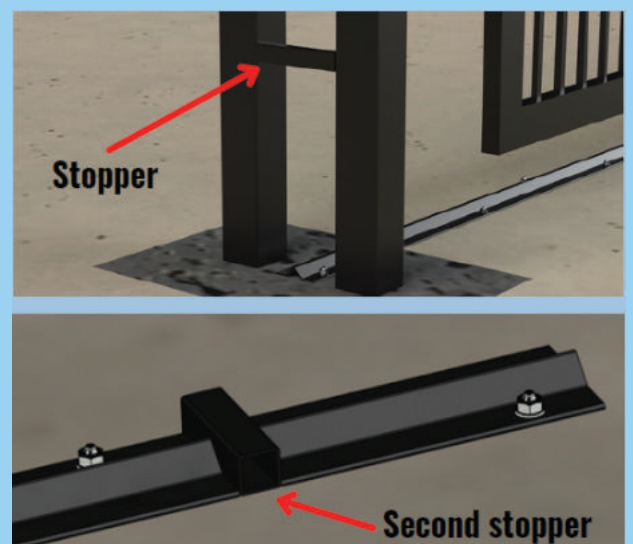


Figure 5.3

6. Complete, Touch-Up and Clean-Up Of Installation

Step 1

After install sliding gate, you have to clean material as necessary with a soft rag and mild soap to remove dirt and any concrete that may have splashed onto the gate. Rinse with clean water to remove all soap. Check and paint all areas damaged during handling and installation to resist of rust (figure 6.1).

Step 2

Periodically check gate for signs of wear and oxidation and repaint as necessary. Always check the operation of the gate, using lubricating oil to spray on "V" groove track surface if the sliding gate does not move smoothly (figure 6.2).

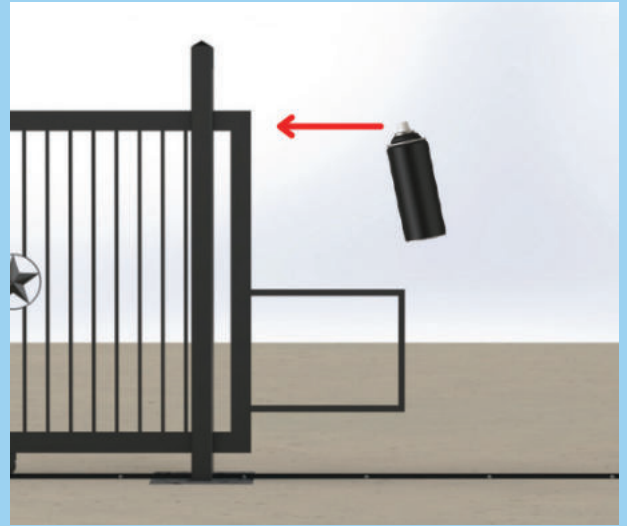


Figure 6.1



Figure 6.2

