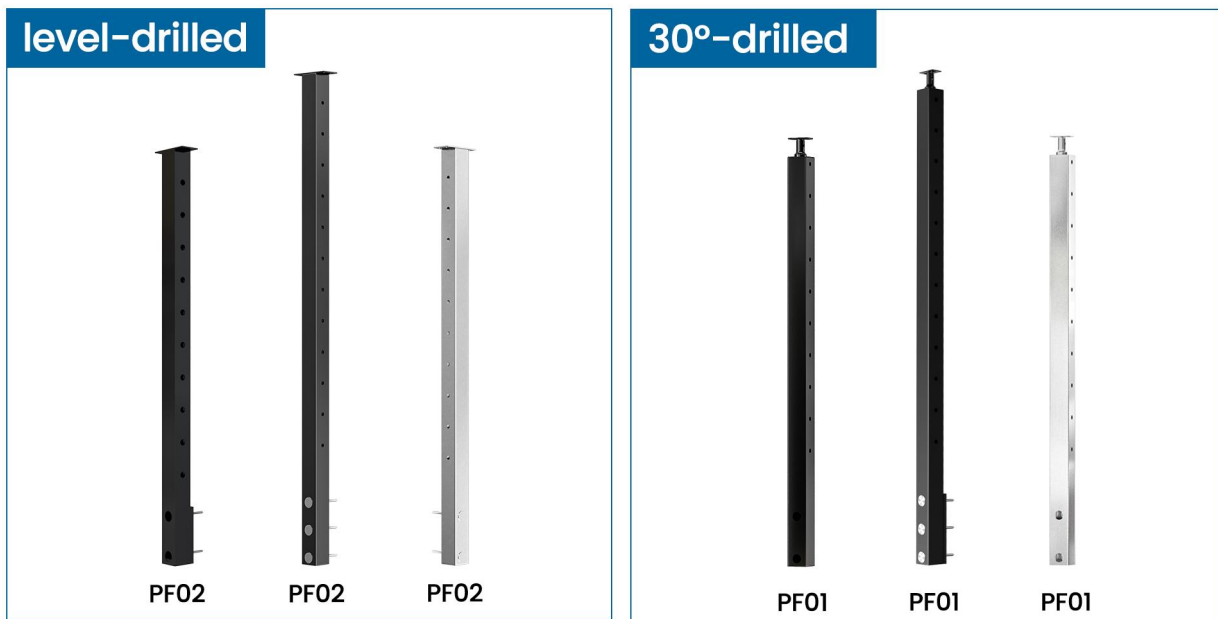


Side Mount Post PF01 PF02 User Guide

1. Overview

Muzata's side mount post PF01 PF02 is an excellent choice as your solution for cost-effective and space-saving cable railing projects. Its weldless design saves installation time while the T304 stainless steel provides excellent rust resistance. This post has different hole types suitable for both level and stair sections, providing versatility for your project needs.
















2. Specifications



Height	Hole Type	Specification	Finishing	Model	Application
36"	level drilled	42"X2"X2"	Black powder-coated	PF02 BH4S	For 36" system
42"		49"X2"X2"		PF02 BH4L	For 42" system
36"		42"X2"X2"	Brushed	PF02 LH4S	For 36" system
36"	30° drilled	40"X2"X2"	Black powder-coated	PF01 BB4S	For 36" system
42"		47"X2"X2"		PF01 BB4L	For 42" system
36"		40"X2"X2"	Brushed	PF01 LB4S	For 36" system

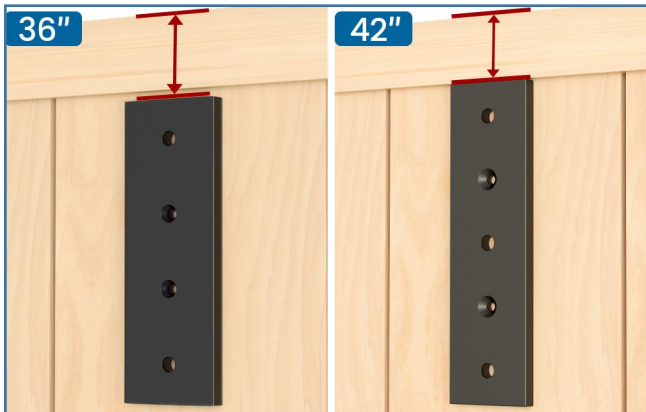
3. Items related

Listed below are all of the accessories related to the Muzata PF01 & PF02. Please note that not all of the following accessories are included, adjustable-top and fixed-top posts have different accessories.

<p>1</p>  <p>Side mount post</p>	<p>2</p>  <p>Adjustable bracket (For the angle-drilled post)</p>	<p>3</p>  <p>Fixed bracket (For the level-drilled post)</p>
<p>8</p>  <p>36" 42"</p> <p>Side mount spacer</p>	<p>4</p>  <p>Bottom stopper</p>	<p>5</p>  <p>Hole cap</p>
<p>6</p>  <p>Nut setter</p>	<p>7</p>  <p>Washer</p>	<p>9</p>  <p>M8 Lag screw</p>
<p>11</p>  <p>M5 lag screw</p>	<p>12</p>  <p>M5 bolts</p>	<p>10</p>  <p>Adhesive for hole cap</p>
<p>14</p>  <p>M6 bolts</p>	<p>15</p>  <p>POM ring</p>	<p>13</p>  <p>4mm 5mm Allen wrench</p>

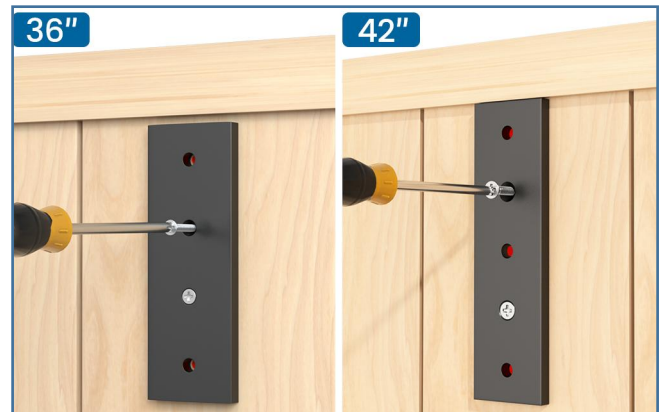
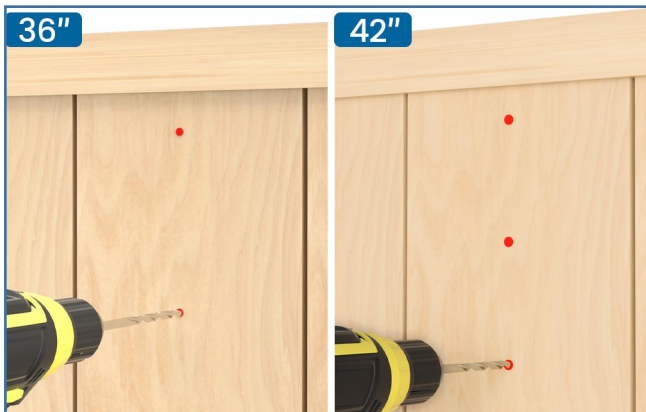
4. Installation Steps

4.1 Level Sections - PF02



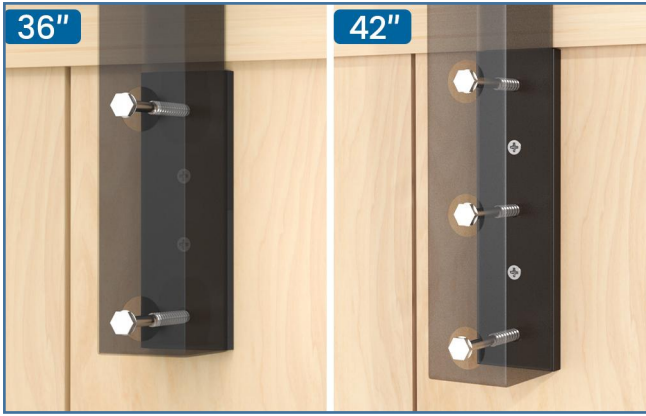
Step 1 - Set the distance between the spacer **8** and the edge of the deck. Draw a horizontal line to ensure that the posts are aligned.

Step 2 - Use the spirit level to make sure the spacer **8** is perpendicular to the ground, then mark hole positions.

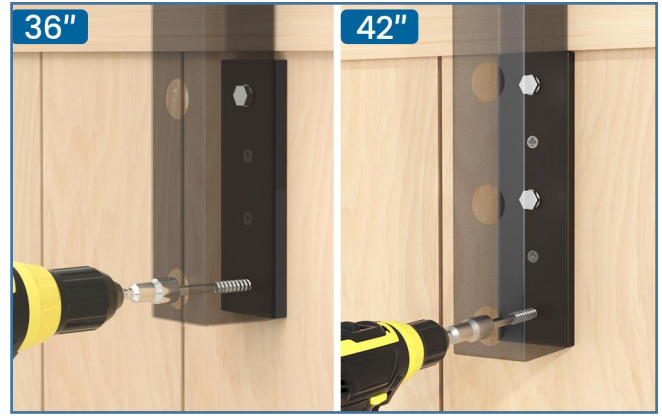


Step 3 - Drill guide holes.

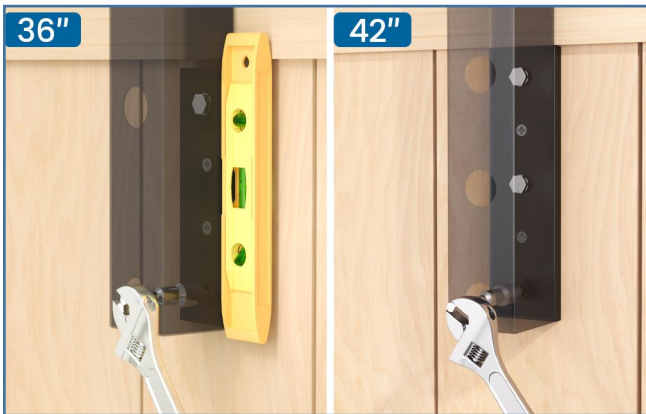
Step 4 - Tighten M4.8x30mm lag screws **13** to fix the spacer **8** to the wall.



Step 5 - Insert M8 lag screws **9** through the post **1** and the spacer **8** into pilot holes.



Step 6 - Use electric drill with nut setter **6** to install M8 lag screws **9**. Leave them a little loose for final tightening.



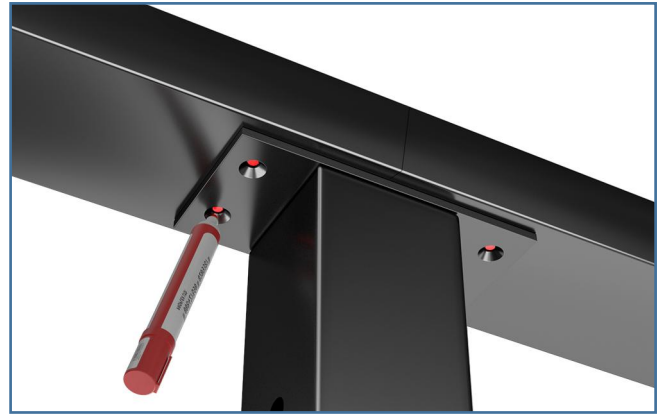
Step 7 - Use spirit level to make sure the post **1** is perpendicular to the ground. Then tighten the lag screws **9** with wrench.



Step 8 - Cover the holes with hole cap **5** and bottom stoppers **4**.



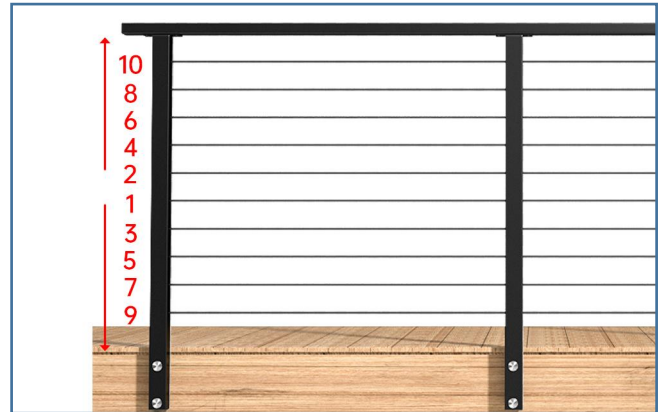
Step 9 - Mount the fixed bracket **3** to the top of the post with M6 bolts **14**.



Step 10 - Place the handrail above the bracket **3** and mark hole positions on the handrail.

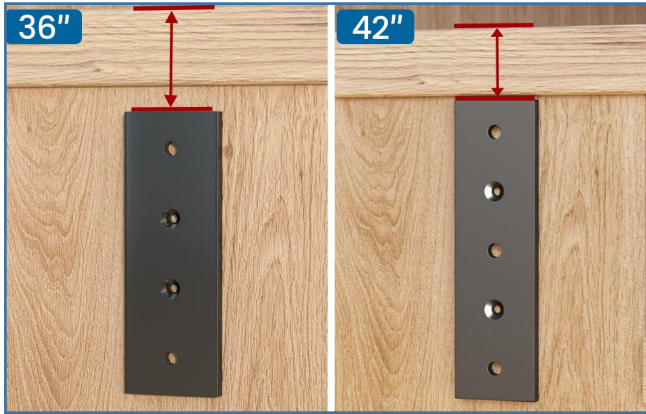


Step 11 - Drill holes, connect the handrail and bracket **3** with screws **12** (for metal handrails) or **11** (for wood handrails).

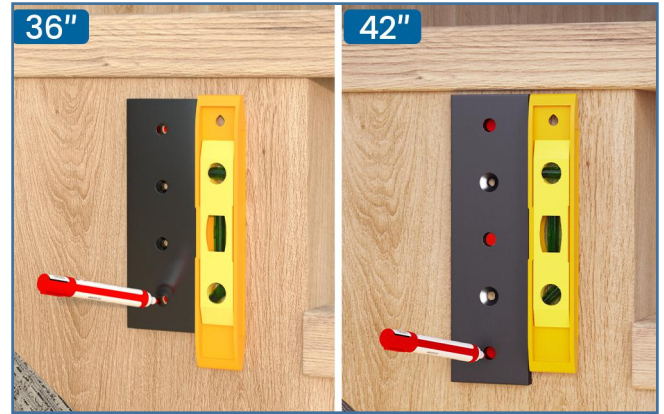


Step 12 - Install the cable railing infillings in sequence as shown in the picture.

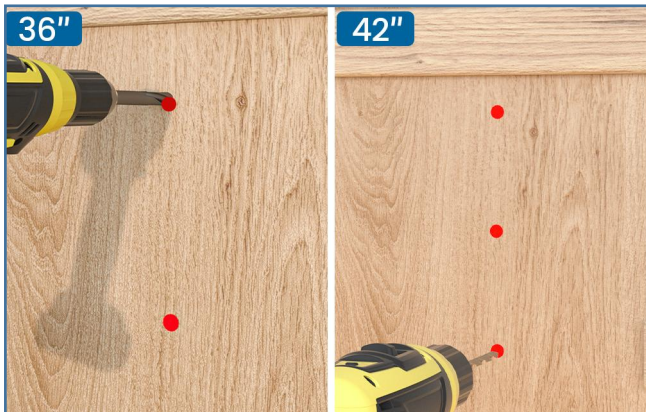
4.2 Stair Sections - PF01



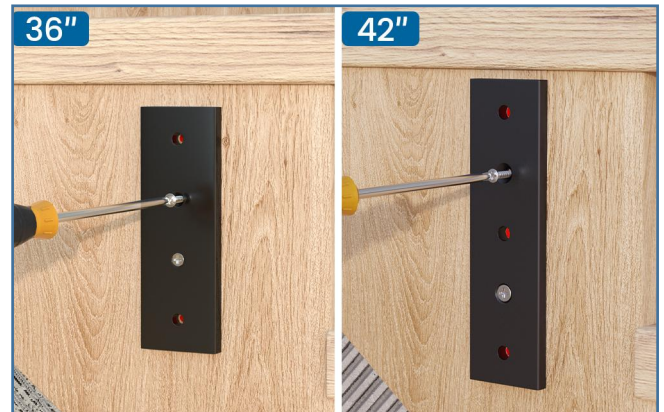
Step 1 - Set the distance between the spacer **8** and the edge of the step. Draw a horizontal line to ensure that the posts are aligned.



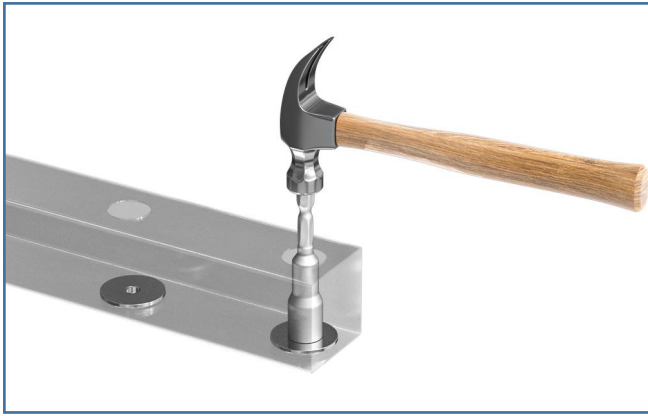
Step 2 - Use the spirit level to make sure the spacer **8** is perpendicular to the ground, then mark hole positions.



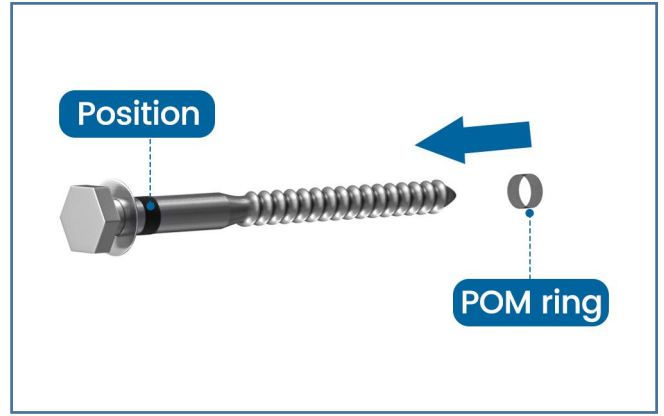
Step 3 - Drill guide holes.



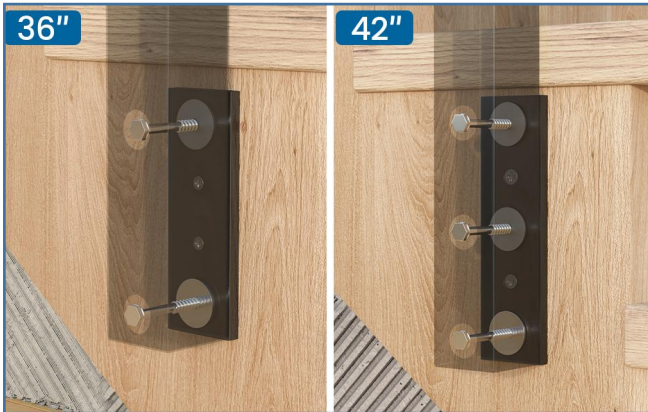
Step 4 - Tighten M4.8x30mm lag screws **13** to fix the spacer **8** to the wall.



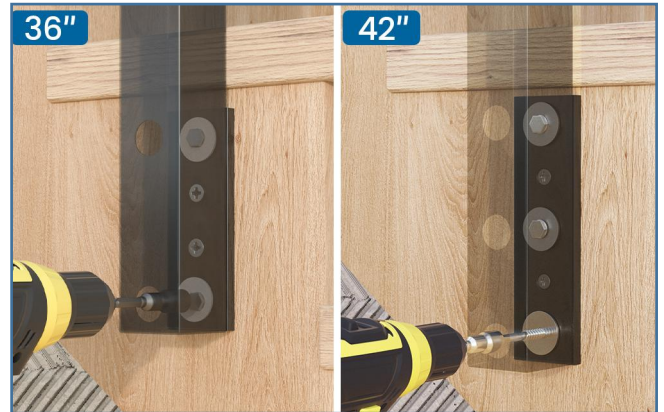
Step 5 - Install the washer **7** into the post **1** from the inside.



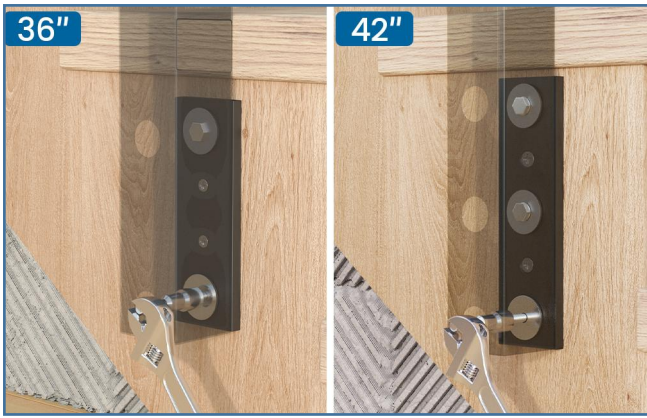
Step 6 - Attach POM rings **15** to M8 lag screws **9**.



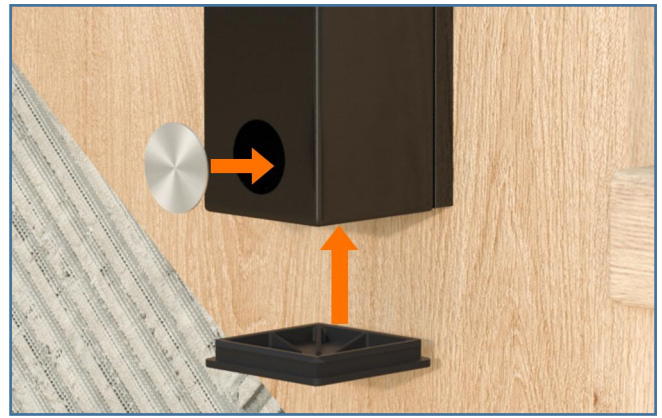
Step 7 - Insert M8 lag screws **9** through the post **1** and the spacer **8** into pilot holes.



Step 8 - Use electric drill with nut setter **6** to install M8 lag screws **9**. Leave them a little loose for final tightening.



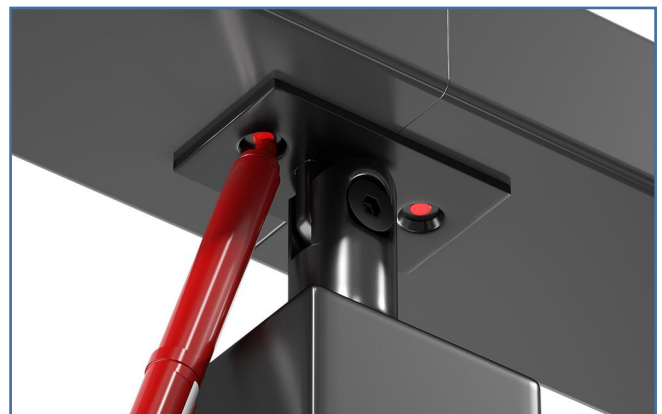
Step 9 - Use spirit level to make sure the post is perpendicular to the ground. Then tighten the lag screws **9** with wrench.



Step 10 - Cover the holes with hole caps **5** and bottom stoppers **4**.



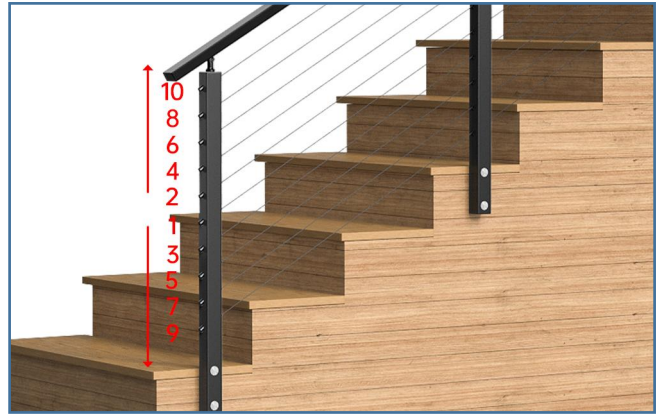
Step 11 - Mount the adjustable bracket **2** to the top of the post **1** with screws.



Step 12 - Place the handrail above the bracket **2** and mark hole positions on the handrail.



Step 13 - Drill holes, connect the handrail and bracket **2** with screws **12** (for metal handrails) or **11** (for wood handrails).



Step 14 - Install the cable railing infillings in sequence as shown in the picture.

Please note that installation videos are available on our product pages for further details if needed.

5. Tips

- (1) When marking the hole positions of side mount spacers, make sure the spacer is perpendicular to the ground.
- (2) Make sure the lag screws are drilled straight into the wall to avoid the angle deflection.
- (3) It is suggested to get a partner when installing the lag screws.
- (4) When installing the 30° drilled posts, it is suggested to hammer the washers to make them stuck into the holes firmly.
- (5) The recommended post spacing between two posts is 3ft-4ft, no more than 4ft. For our 6'6" handrails, it would be best to adopt 3'3" post spacing.
- (6) 3" cable spacing and 200 lbs tension on each cable line is recommended in order to pass the 4" sphere test (required by some states). You can buy a tension gauge online or from local stores.
- (7) You might need to buy a few more materials than needed as backups in case some materials might not be reusable after operation mistakes.

6. Free design service

We offer custom cable railing design service for free. If you are a beginner or not sure about how to do it, please reach us. Our experts can do all the planning, designing and budget work for you without extra charging.

7. About Muzata

MUZATA has helped millions of families with their cable railing projects during the past years. We believe that home renovation should be easy and affordable. So we work with every effort to provide quality products service, and professional to make Muzata a reliable brand.

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