



# Maisy Railing



## **Tools**

Cable cutters

Crimper

9/16 socket

3/8 socket

Pencil

Speed square

Measuring tape

7/16 Ratchet

Miter Saw

Skill Saw

Carbide tipped blade

Clamps

## **Materials**

Line Posts

Top Railing

1/8 in stainless Cable

Stair Post (if needed)

Angle washers (for stairs)

3/8 x 5in lag bolt and washer stainless steel

Shim(s) (if needed)

3/4 in #14 hex head

Swages and additional hardware



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## Step 1: Place End Post

1. Determine height of post
1. 2 inch in from each corner
2. Use lag bolts and washers to place end posts
3. Use level and shims if needed
4. When placing 2 corner posts on different sections of the deck, place level on top of two end post



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## Step 2: Prepping Line Post

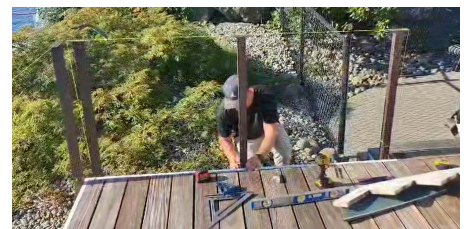
1. Tie line from corner post to corner post
2. Use line to determine height of line post placement
3. Measure corner post to corner post.
  - Divide total length by how many sections needed.
  - Use measuring tape and mark for even sections.
  - Do not go over 5 feet per section



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## Step 3: Place line posts

1. At the determined mark, use the line to level the post. (Level doesn't always look level because everyone's deck has different levels/slopes.)
2. Use Lag bolts and line to place posts
3. Use shims and level if needed
4. Repeat the same process for each line post





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## Step 4: Top Rail

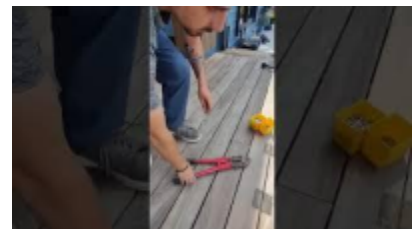
1. Measure the straight section of the deck. Corner post to corner post to determine length of top rail
2. Cut top rail
3. Place end caps
4. Place top rail on section
5. Use self-tapper screws to screw post bracket into from bottom of the top rail
  - Make sure there is even amount of top rail on each side of post bracket



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## Step 5 Run Cable

1. Crimp one swage to the end of cable
2. Place swage through one side of end post and run cable through each line post
3. When reaching the end post, use hardware to screw swage in.
4. Cut cable from starting post and repeat process until all line post has cable
5. Go back to first end post and cut cable to fit
  - Remember each straight section of cable is its own section of cable and needs to be cut to specific length.
6. Use crimp to add swage to cable.
7. Screw in swage
8. Tighten cable
9. Add acorn nut



## Video Library



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<https://youtube.com/shorts/uVllzLVwkvU?feature=share>

[https://youtube.com/shorts/XROUU\\_ONgh0?feature=share](https://youtube.com/shorts/XROUU_ONgh0?feature=share)

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