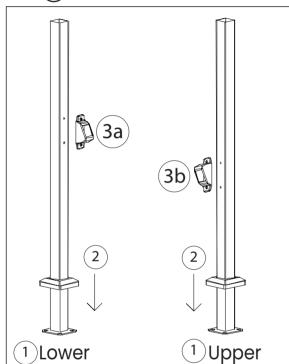


# **Hand Rail Installation Instructions**

Scan For Installation Demonstration

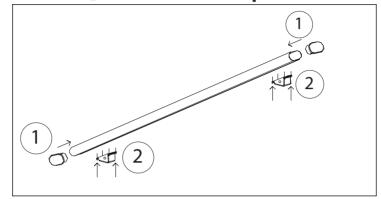
#### 1) Assemble Post



- 1) Determine lower vs upper post. The lower post will have the 2 holes higher than the upper post (this offset allows the middle rail to be parallel to the top rail and angle of the stairs).
- 2) Drop in base plate cover (this will only be held by gravity)3) Screw on middle rail brackets.
- 3a) Lower post should have middle rail bracket face upward.
- **3b)** Upper post should have middle rail bracket face downward.

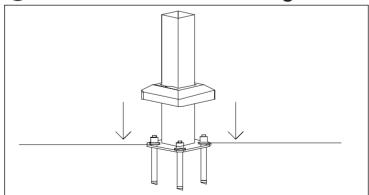
**Note:** Middle rail brackets are smaller than post brackets.

## 2 Assemble Top Rail



- 1) Insert side plastic end caps.
- 2) Screw on post brackets. (It doesn't matter which direction as long as they both face the same direction.)

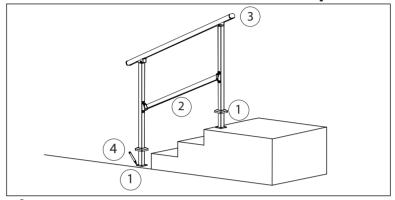
# 4 Install Anchor Bolt / Lag Screw



Install bolts/screws, position post baseplate over the bolts/screws, and tighten over baseplate. (The post baseplate cover will sit on top of the bolts/screws by gravity)

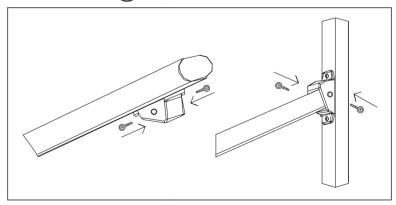
**Anchor Bolts:** Used for concrete. Anchor bolt cannot be pulled out once inserted. **Lag Screws:** Used for wooden steps.

# 3 Assemble Rail on Steps



- **I)** Position onto steps.
- 2) Insert the middle rail into middle brackets.
- 3) Put the top rail onto the posts.
- 4) Mark holes for anchor bolts /lag screws.

## **5** Secure Joints



Screw in the self-drilling screws into the end of the middle rail and post through the holes on the brackets (screws will make the holes themselves and lock in any loose movements). **Note:** Angles cannot be adjusted after this step without having to make new holes.