



**JH BUILDING MATERIALS LTD.**

# Instructions of Straight Picket Railings Installation

for residential use only and always check with local building code

## Tools Required:

- Mitre saw with aluminum cutting blade
- Level
- Measuring Tape
- Drill (for wood)
- Hammer (for concrete)
- Drill Bits (for wood) 5/32"
- Hammer Drill Bits (for concrete) 5/16"
- Ear protection
- Safety glasses

## Accessories:

1/3-inch×3-inch expansion bolts  
(only for concrete floor)

1/3-inch×2-1/4-inch hex head  
lag bolts-stainless steel

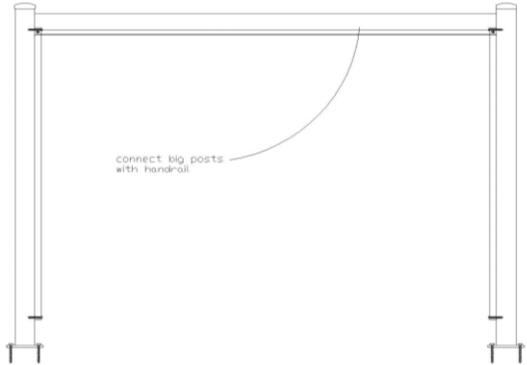
1/5-inch×3/4-inch self-drilling screws-stainless  
steel



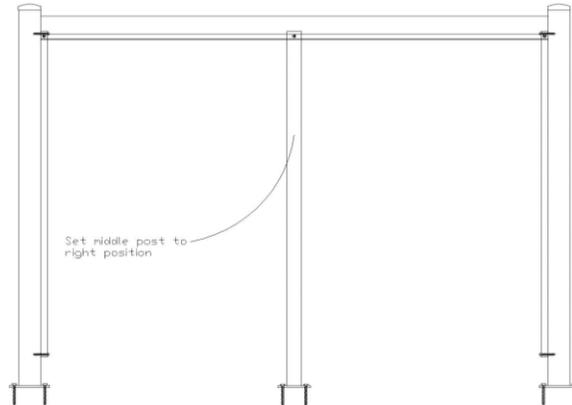
## Straight Railings

### a) Posts, Hand Rail & Base Rail (skip mid post if do not need it)

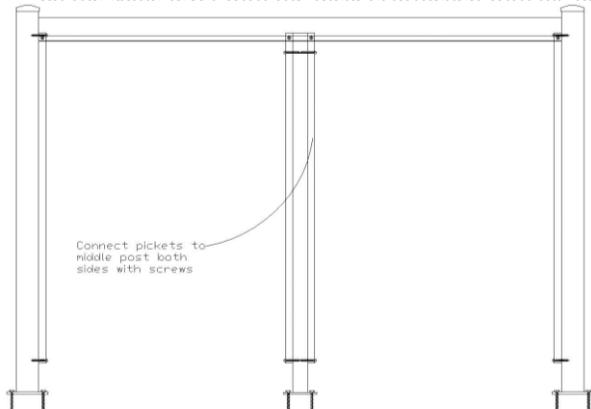
- Put first big post in position and use four lag bolts (for wood) to secure the base. And then install the second post.
- Cut the hand rail to fit between the posts, put it on top of the pickets that are attached with posts and make sure the pickets be inserted into hand rail completely, then secure it with the two screws.



- Insert small post into hand rail, fasten with it using two screws, and then secure the base with flooring with four lag bolts.



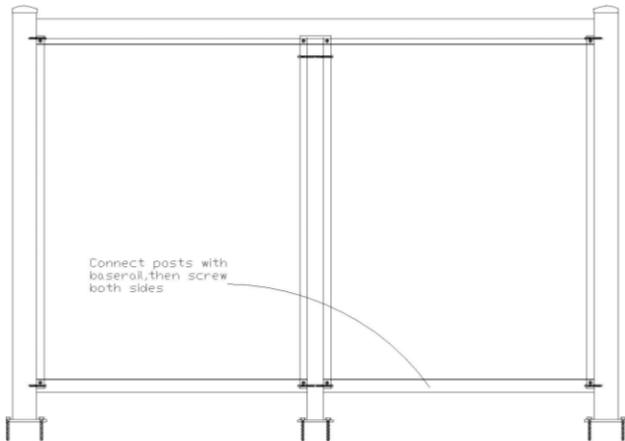
- Secure a pickte to each side of the mid post with two screws. Make sure pickets are inserted into the hand rail completely so they are on the same level with the pickets attached with big posts.





# Instructions of Straight Picket Railings Installation

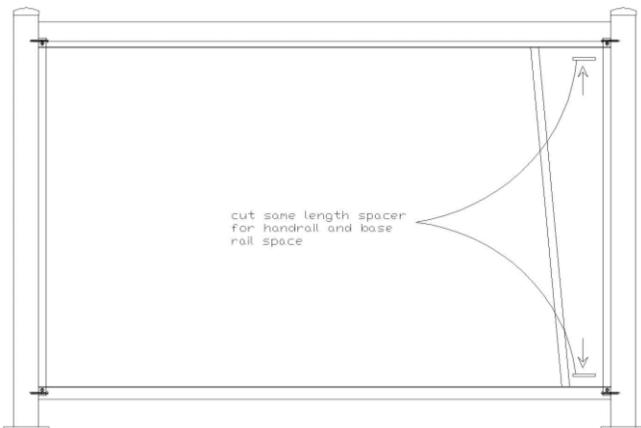
for residential use only and always check with local building code



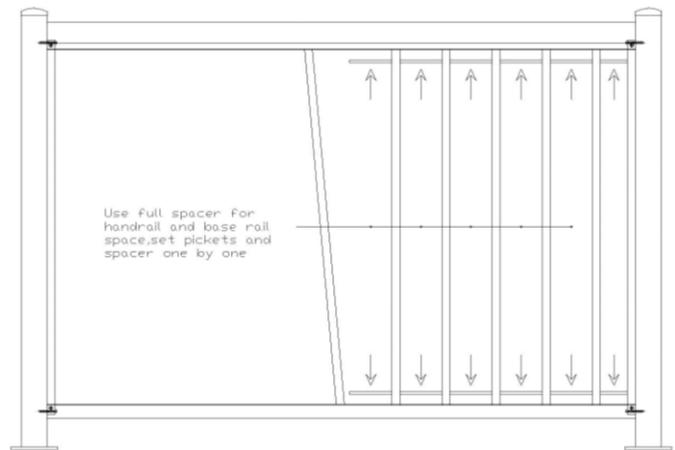
5. Cut the base rail to fit between the big post and small post, put it on bottom of the pickets that are attached with posts and make sure the pickets be inserted into base rail completely, then secure it with the two screws.

## b) Pickets & Spacers (installation is the same with or without small post)

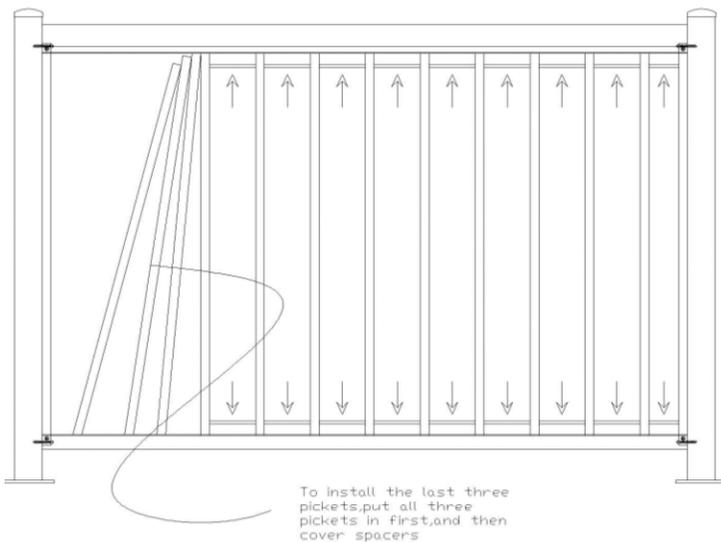
1. Cut two pieces of spacers with the same length (less than 4") for hand rail and base rail respectively, and install them at one end.



2. Put the picket into the bottom rail and plumb it, then insert a full size pre-cut spacer into the hand rail and base rail.



3. Continue until there are 4 empty spaces. Insert those pickets as a group, then spread them out and secure with spacers.



4. Cut the last two spacers to length, install it, and this panel is finished.

