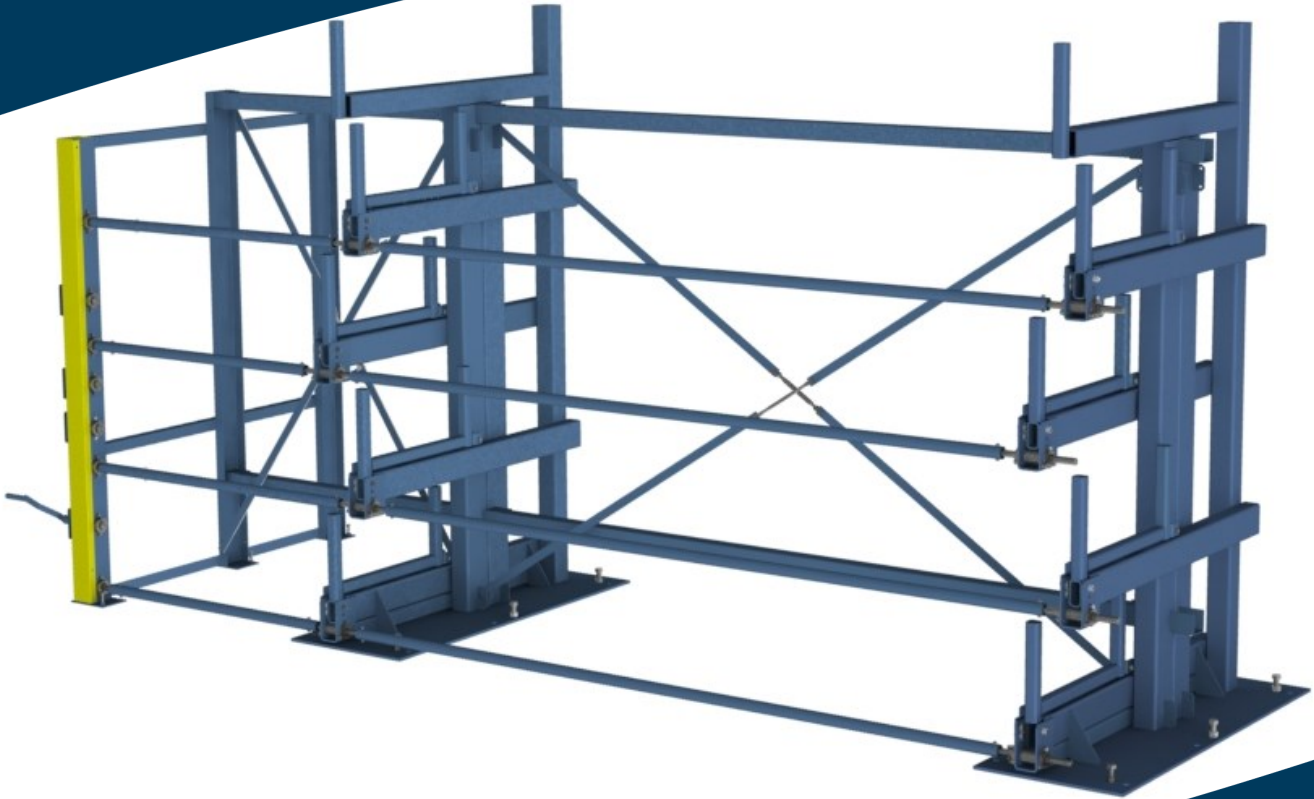
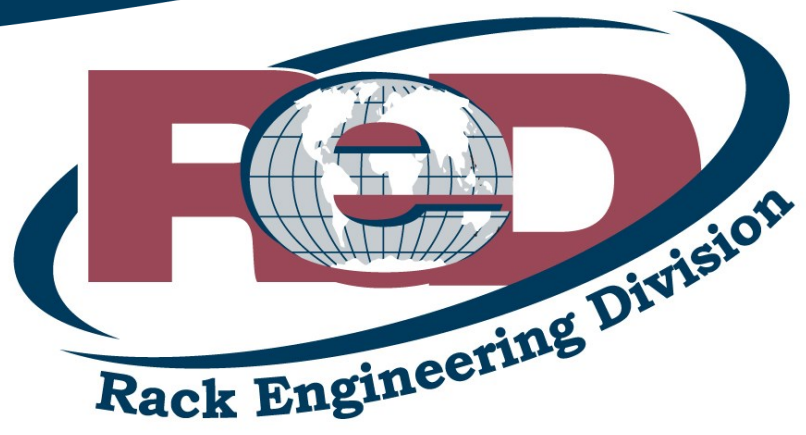


# Crank-Out Cantilever Assembly Manual



Toll Free: 800-245-6890  
P.O. Box 205  
Alpena, Michigan 49707  
phone: 989-358-7050  
fax: 989-358-7055  
[www.rack-eng.com](http://www.rack-eng.com)



# SETUP AND INSTALLATION INSTRUCTIONS

1. Set uprights in the standing position and place upright #1 and upright #2 into position.

UPRIGHT 1

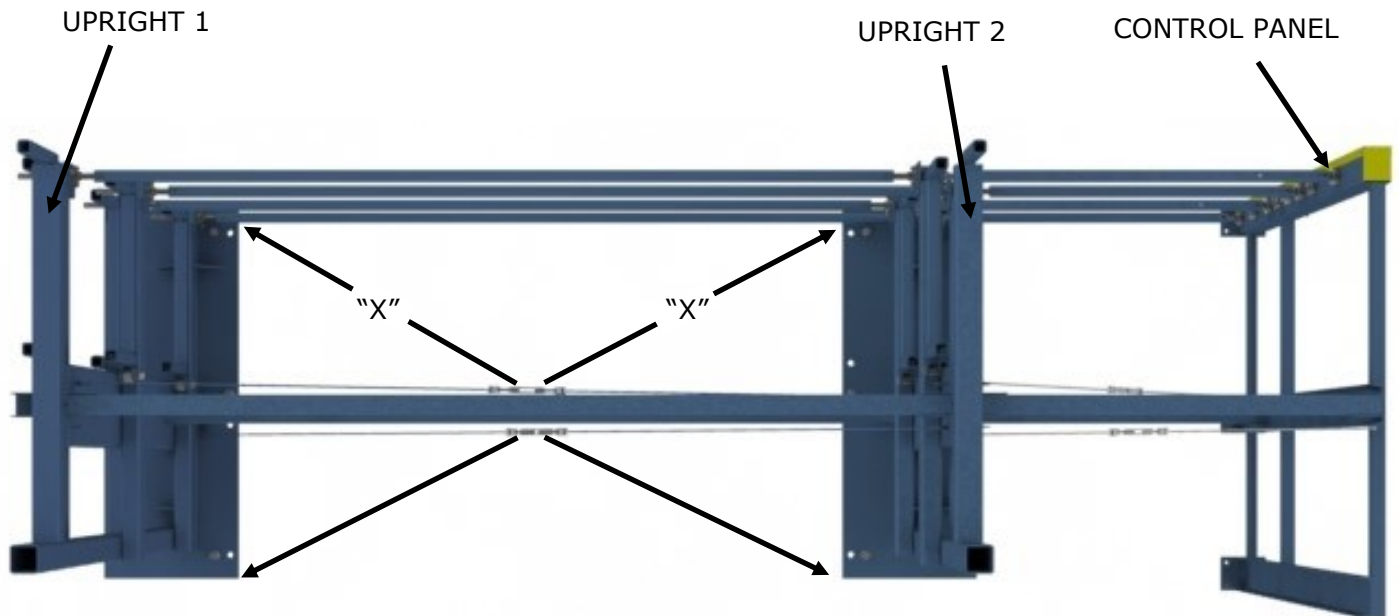


UPRIGHT 2



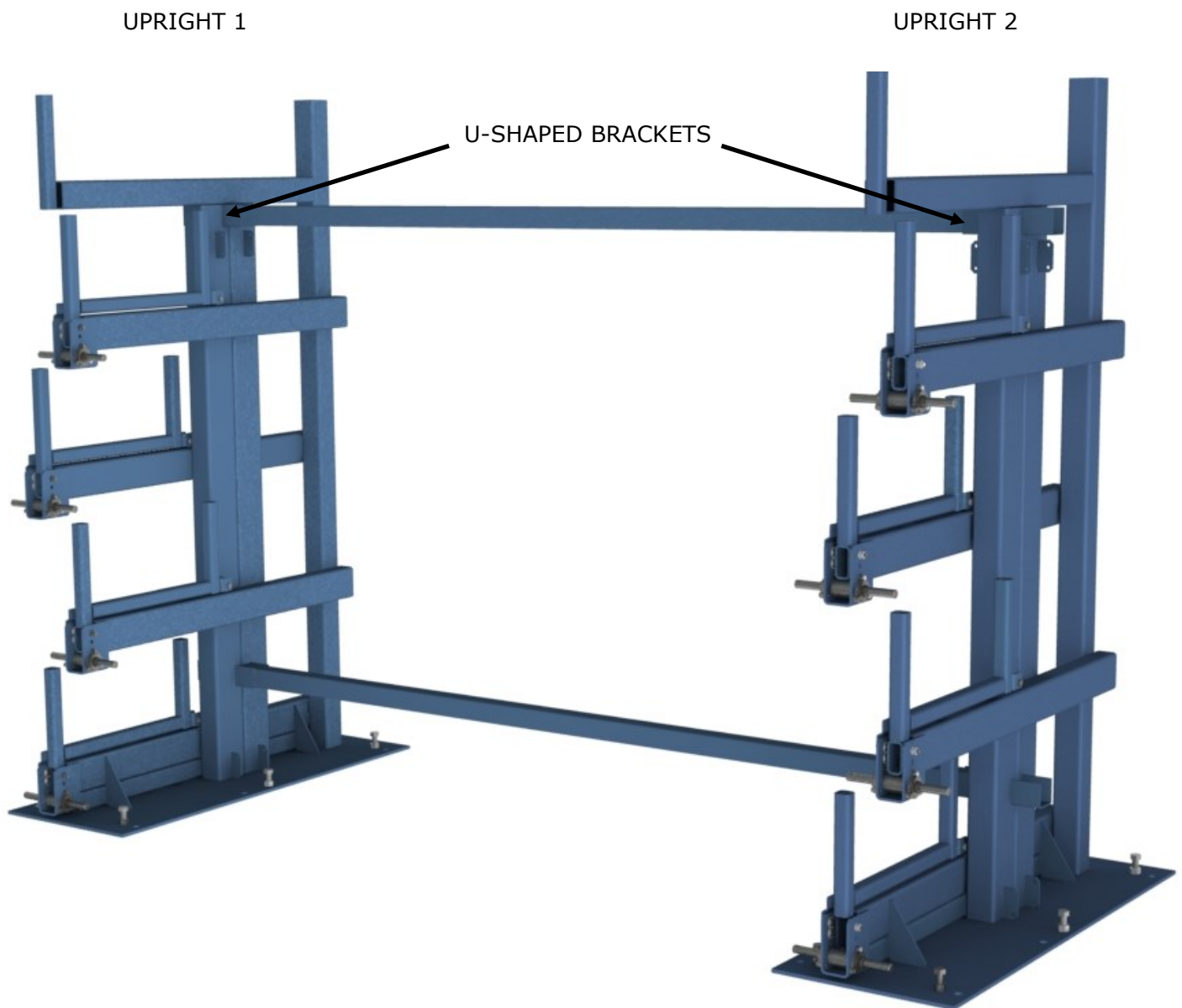
# SETUP AND INSTALLATION INSTRUCTIONS

2. Cross square the uprights and make sure the "X" dimensions are equal to each other.



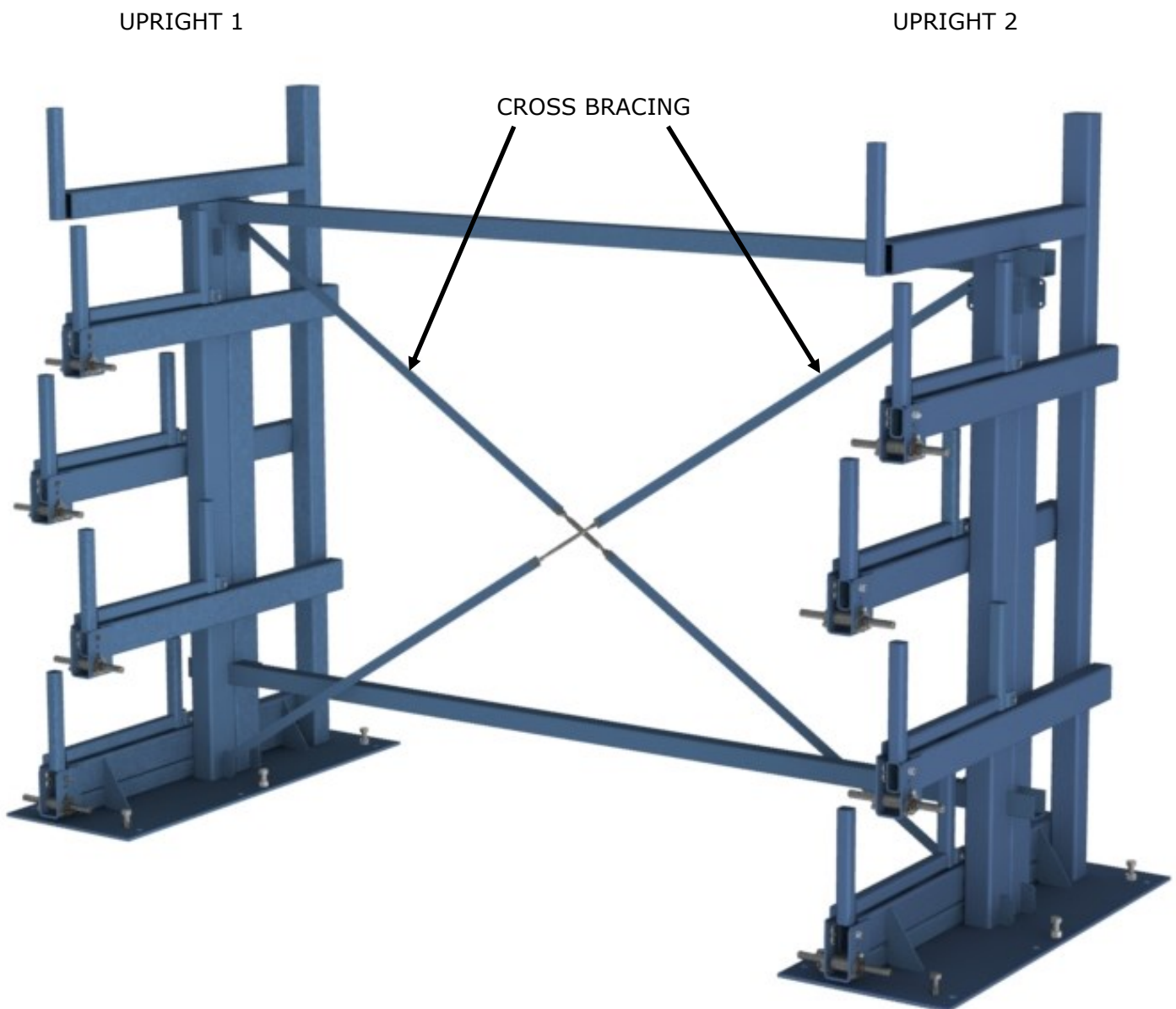
# SETUP AND INSTALLATION INSTRUCTIONS

3. Install longer square spanner tubes between upright #1 and upright #2. Place into the U-shaped brackets welded to vertical tubes on the uprights.



# SETUP AND INSTALLATION INSTRUCTIONS

4. Install cross bracing between upright #1 and upright #2. Use the "D" shaped brackets welded to uprights.

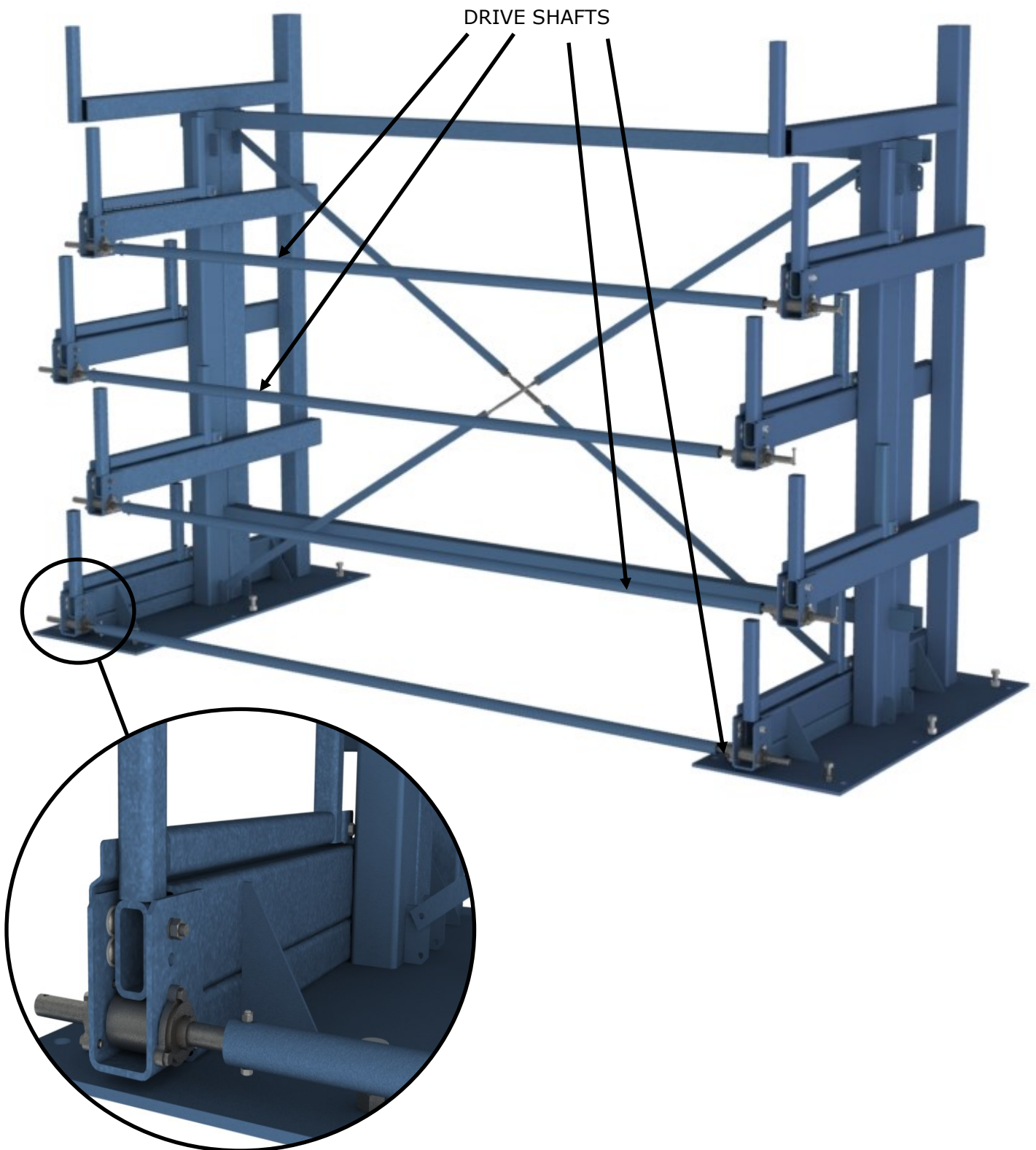


# SETUP AND INSTALLATION INSTRUCTIONS

5. Install long drive shafts between uprights #1 and #2.

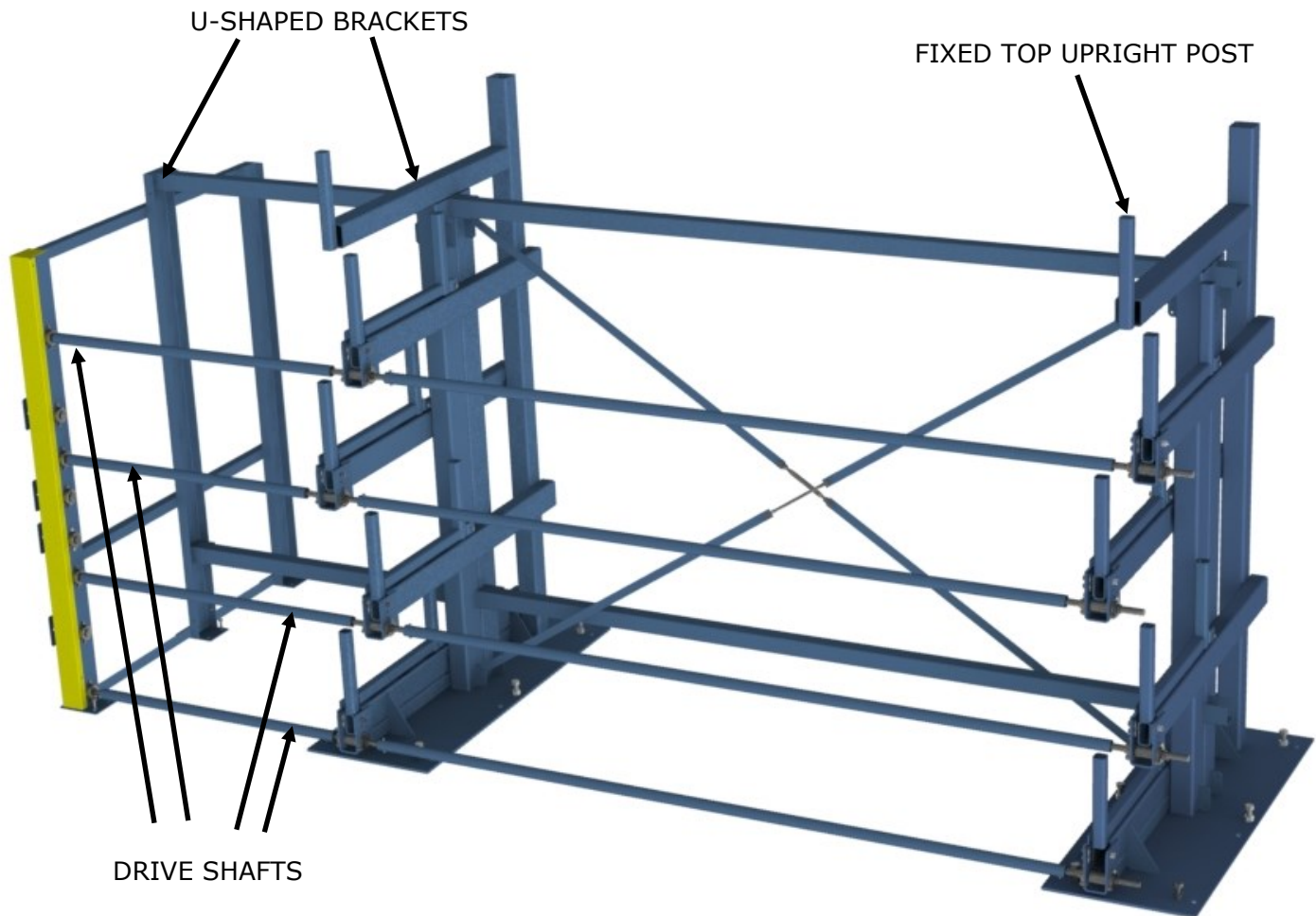
UPRIGHT 1

UPRIGHT 2



# SETUP AND INSTALLATION INSTRUCTIONS

6. Move control panel into position. Then install shorter square spanner tubes and install cross bracing just as they were installed between uprights. Cross square control panel to upright.

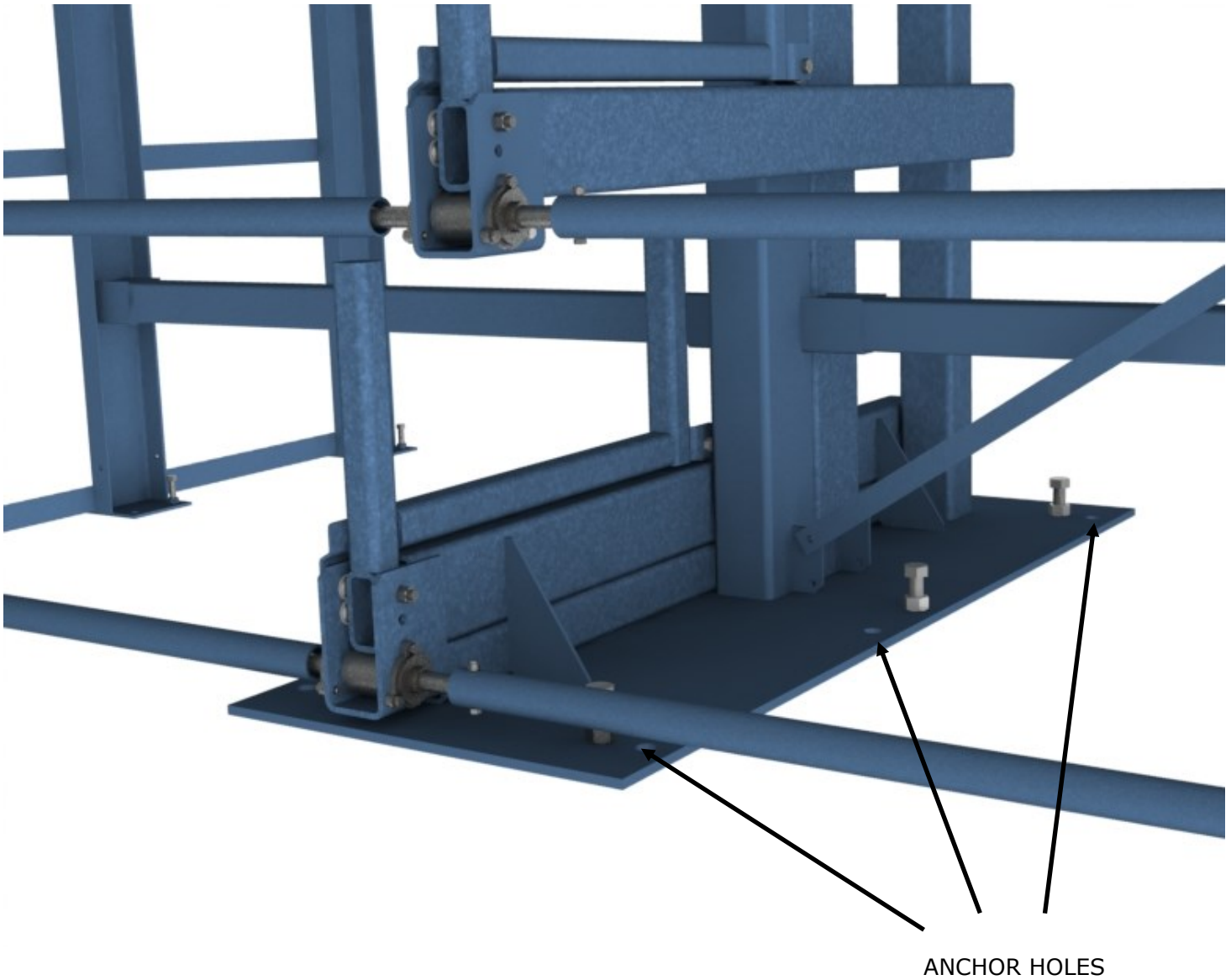


7. Install short drive shafts between control panel and upright #1.

8. Bolt on fixed top upright post, if required.

# SETUP AND INSTALLATION INSTRUCTIONS

9. Level and anchor the uprights to the floor. Complete a final cross square check to ensure that uprights and control panel are square to each other.



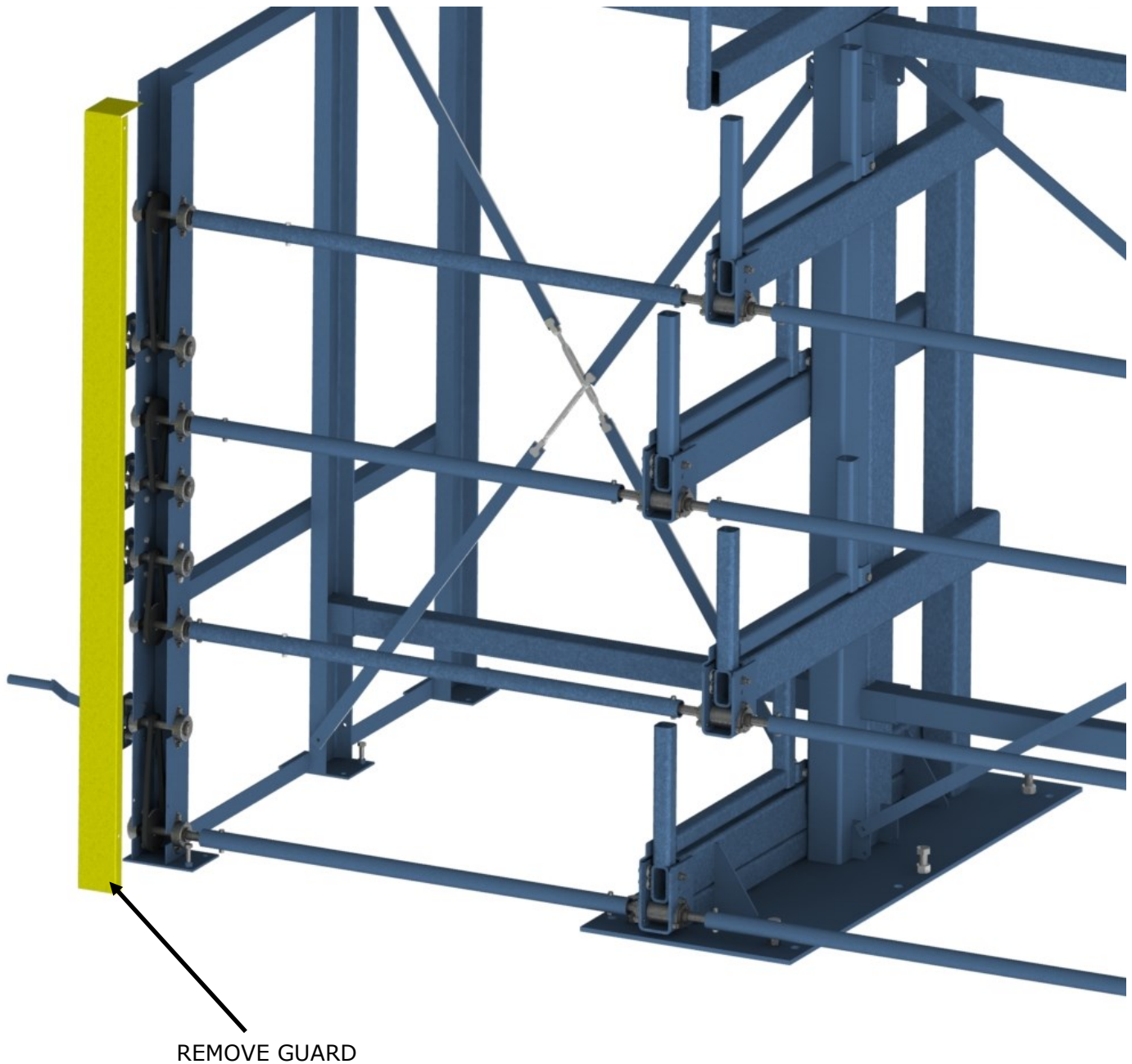
# LUBRICATION

## ANNUAL MAINTENANCE

### CARE AND MAINTENANCE OF CHAIN

1. Remove guard
2. Lube crank out chains
3. Replace guard

**DO NOT** operate with out guard in place



# LUBRICATION

## ANNUAL MAINTENANCE

### CARE AND MAINTENANCE OF BEARINGS

If zerk fittings are present grease bearings, if not, no lubrication is necessary.

**DO NOT** operate with out guard in place

