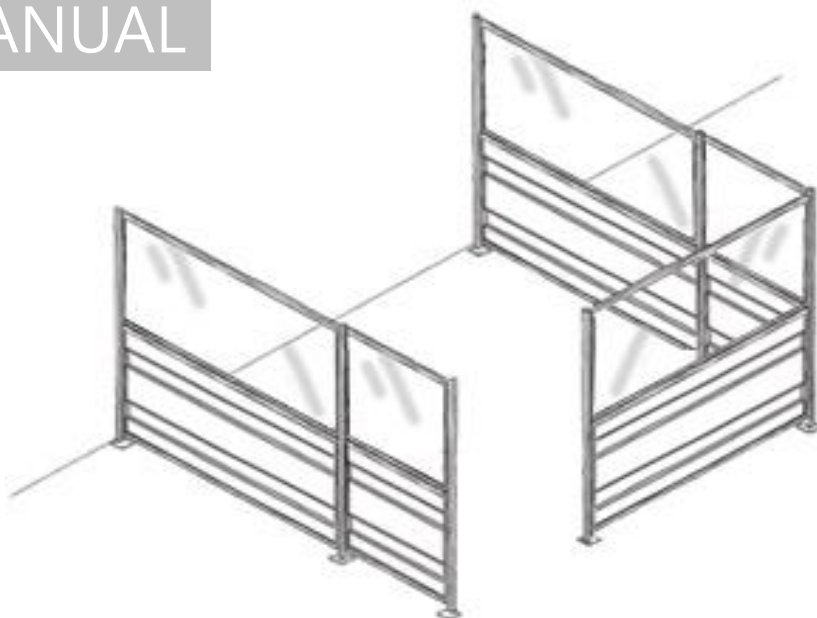


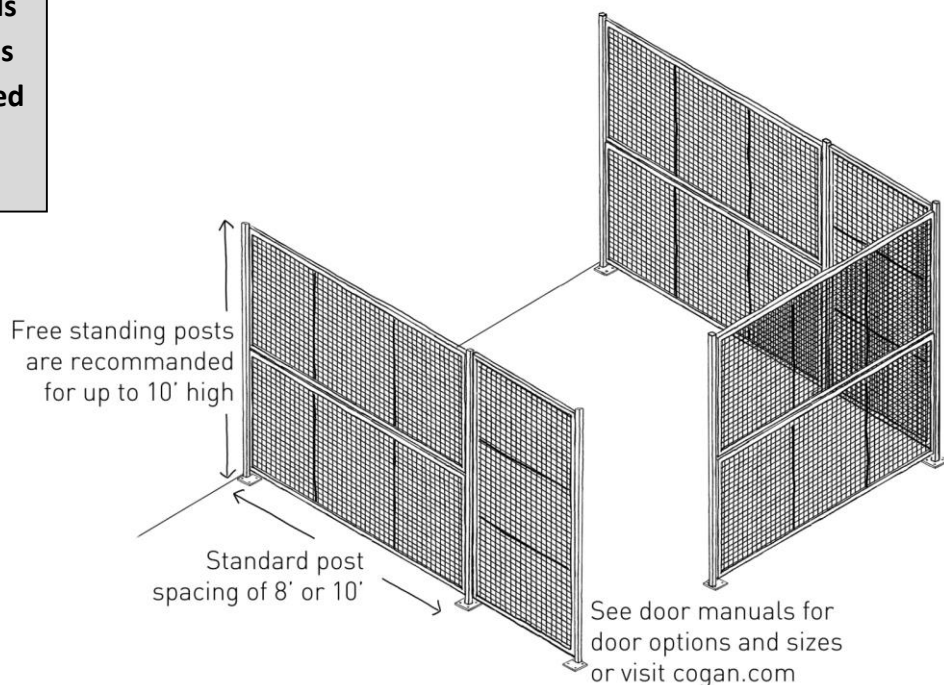
# INSTALLATION MANUAL

For the most current release of this manual,  
please visit our website at [cogan.com](http://cogan.com)

V.2014.1



**Sheet Metal and Lexan panels  
are installed the same way as  
the original Safegarde® welded  
wire mesh panels.**



<b>Product</b>	Partitions
<b>Sub-product</b>	Freestanding partition – up to 10' high

- Free standing 2" x 2" post with welded 6" x 6" base plate.
- 3 types of panels are available : framed 2" x 2" welded wire mesh, framed heavy-duty corrugated sheet metal or framed heavy-duty translucent Lexan.
- All panels are bolted to the posts.

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A Tradition of Quality Since 1901

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## TOOLS

Measuring tape

Chalk line

Hammer

Metal grinder

4ft Level

Hammer drill with  $\phi 1/4"$  drill bit

$3/8"$  Reversible drill with #8 sq. bit and  
 $3/8"$  hex head bit

$7/16"$  wrenches / sockets

Safety glasses

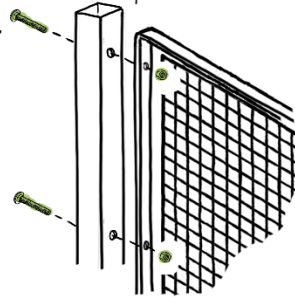
**TO ENSURE PROPER  
DOOR CLOSURE AND  
INSTALLATION, CENTER  
TO CENTER SPACING OF  
THE POST IS CRITICAL.**

**THE DIMENSIONS ON  
THE INSTALLATION  
DRAWING MUST BE  
RESPECTED  $\pm 1/8"$**

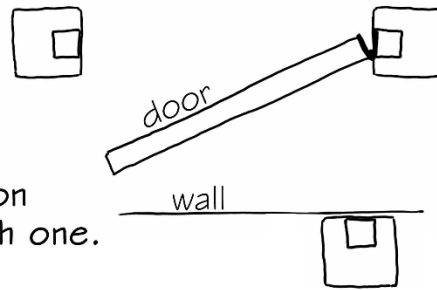


## STEP 3 SIDE PANELS

Attach each side panel on posts using carriage bolts in all the pre-punched holes. When posts are spliced, attach the side panels to the base post below, then install the splice extension post.



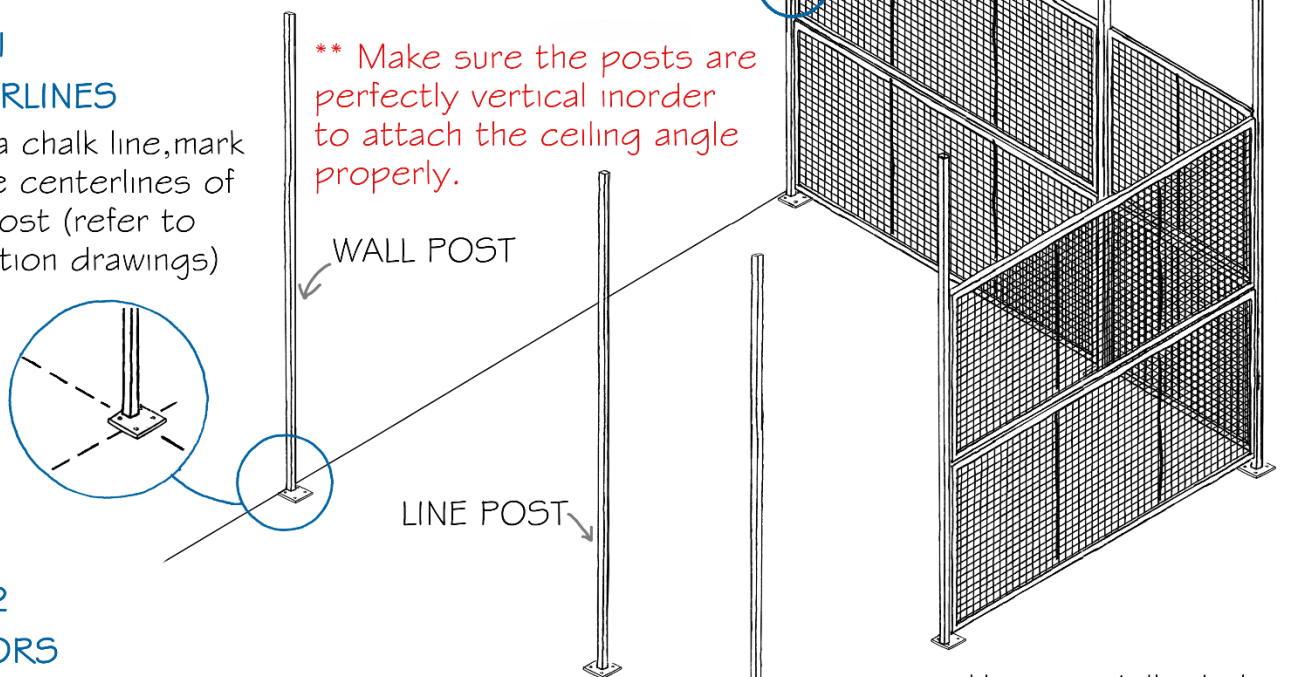
Baseplates are usually offset when against a wall or in a door opening. Refer to installation drawing for the location and orientation of each one.



## STEP 1 CENTERLINES

Using a chalk line, mark out the centerlines of each post (refer to installation drawings)

**\*\* Make sure the posts are perfectly vertical in order to attach the ceiling angle properly.**

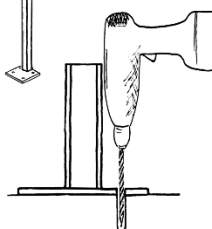


## STEP 2 ANCHORS

Anchor the foot plates to the floor using wedge bolt anchors (not provided).  
 $\phi 3/8" \times 2 3/4"$  for  $2" \times 2"$  post.  
 $\phi 5/8" \times 4 1/2"$  for both  $4"$  and  $6" \times 2"$  post.



Hammer drill a hole with the same nominal diameter and at least as deep as the length of the anchor

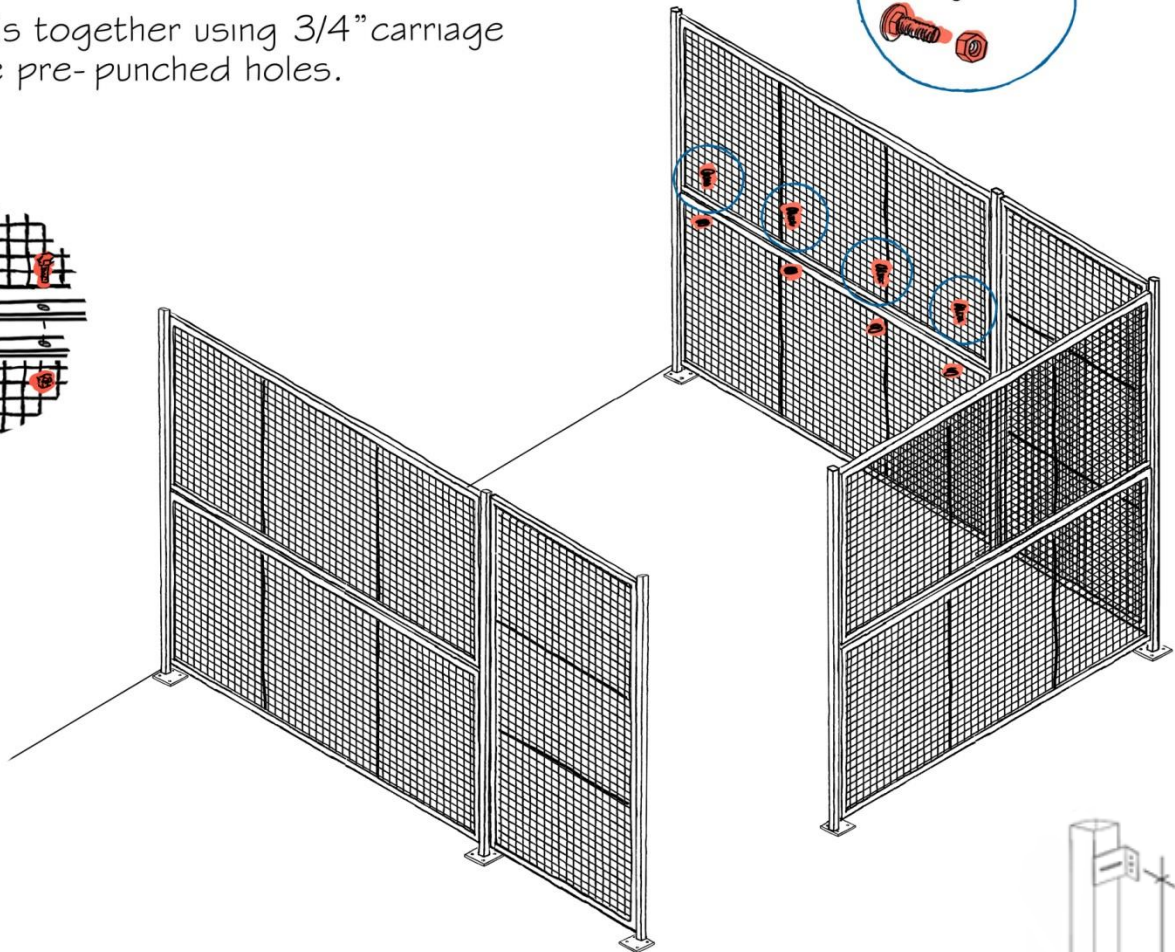
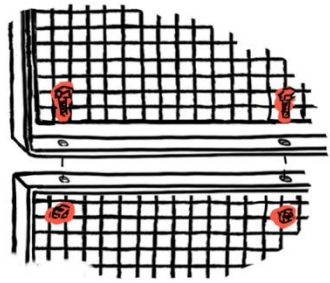




## STEP 4

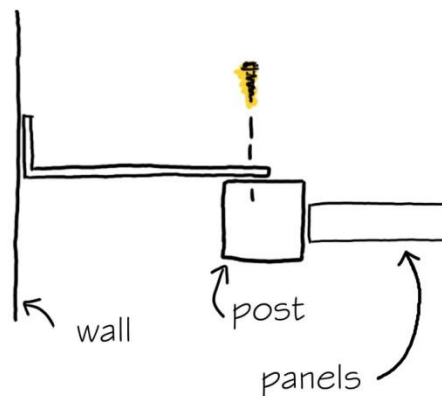
### CONNECTING SIDE PANELS

Connect panels together using  $\frac{3}{4}$ " carriage bolts in all the pre-punched holes.

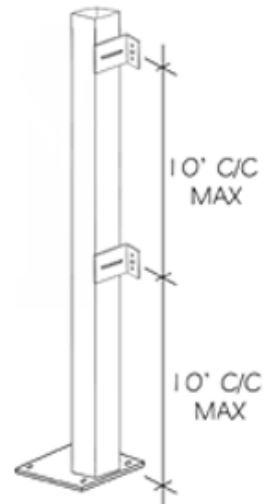


### OPTIONNAL PART FLEX PANELS

Fasten  $\frac{1}{4}$ " hex head tek screw from the inside of partition post to attach the flex panel.



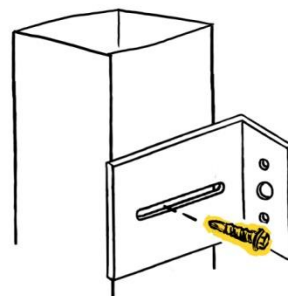
$\frac{1}{4}$ " x 1" hex head tek screw



### WALL BRACKETS

Use tek screw to fasten the brackets to the posts and anchors for the walls (not provided)

Refer to installation drawings for specific emplacement and quantity.



$\frac{1}{4}$ " x 1" hex head tek screw



## MATERIAL

### ■ WELDED WIRE MESH:

PANELS ARE MADE OF FRAMED WELDED WIRE MESH 2" X 2" X 10GA REINFORCED WITH TWO 1/2" ROUND BAR, DIVIDING PANELS IN EQUAL SECTIONS.

### ■ SHEET METAL:

PANELS ARE MADE OF FRAMED HEAVY DUTY CORRUGATED STEEL.

### ■ LEXAN:

PANELS ARE MADE OF FRAMED HEAVY DUTY 3/16" THICK TRANSPARENT LEXAN SHEET.

### ■ FRAMES ARE MADE OF STRUCTURAL ANGLE 1 1/4"X1 1/4" X 12GA STRUCTURALLY SHAPED FOR EXTRA STRENGTH AND RIGIDITY.

### ■ POSTS ARE MADE OF 2" X 2" X16GA, 2" X 4" X 1/8" AND 2" X 6" X 1/8". ENGINEERED FOR PERFECT SUPPORT AND RIGIDITY WELDED TO 6" X 6" X 1/4", 6" X 8" X 1/2" AND 6" X 10" X 1/2" BASE PLATE RESPECTIVELY.

### ■ ALL NECESSARY ASSEMBLY FASTENERS SHALL BE PROVIDED. ANCHORS ARE NOT PROVIDED BY COGAN.

### ■ STANDARD GRAY POWDER-COATED TOUGH FINISH.