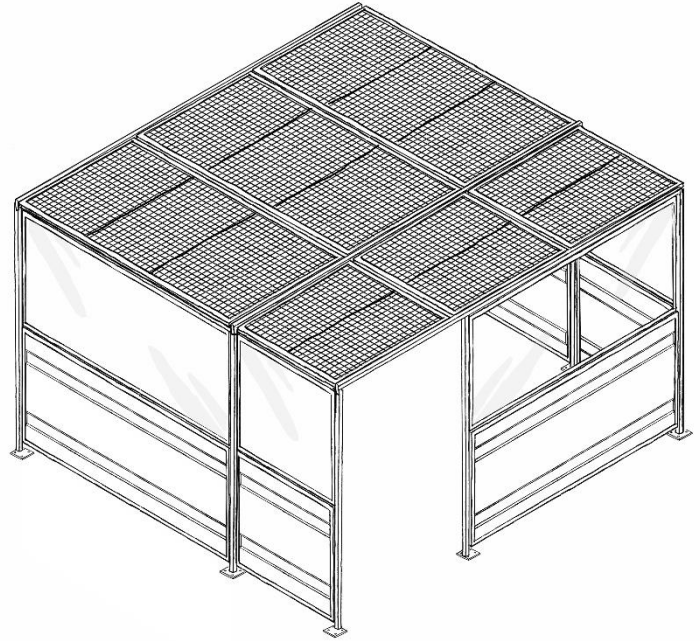


INSTALLATION MANUAL

For the most current release of this manual, please visit our website at cogan.com

V.2015.1



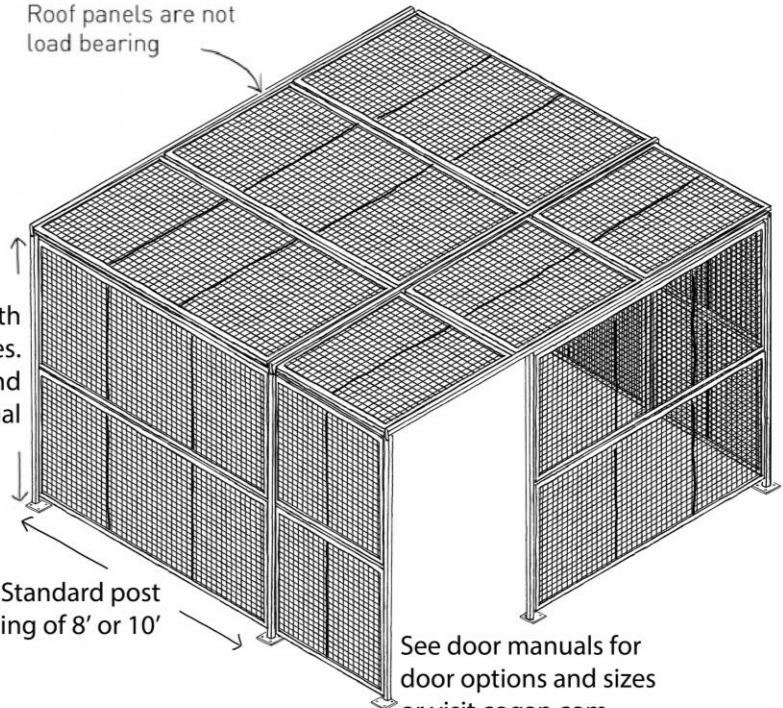
Sheet Metal and Lexan panels are installed the same way as the original Safegarde® welded wire mesh panels.

Roof panels are not load bearing

Freestanding with roof posts varies. Refer to the end of the manual

Standard post spacing of 8' or 10'

See door manuals for door options and sizes or visit cogan.com



| | |
|--------------------|---|
| Product | Partitions |
| Sub-product | Freestanding partition with roof - up to 42' high |

- Freestanding 2" x 2" post with welded 6" x 6" base plate.
- Freestanding 2" x 4" post with welded 6" x 8" base plate.
- Freestanding 2" x 6" post with welded 6" x 10" 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. Roof panels are installed using roof angle or roof tubes attached to the posts.

© 2015 Cogan Wire and Metal Products Ltd., all rights reserved.



A Tradition of Quality Since 1901

cogan.com

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

Freestanding partition with roof

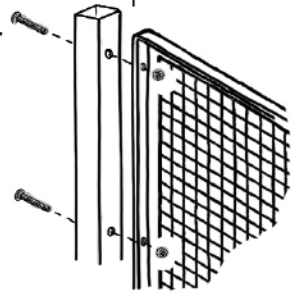
TO ENSURE PROPER DOOR CLOSURE AND INSTALLATION, CENTER TO CENTER SPACING OF THE POST IS CRITICAL.

THE DIMENSIONS ON THE INSTALLATION DRAWING MUST BE RESPECTED +/- 1/8"

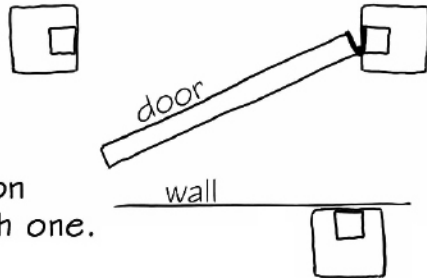
STEP 3

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.



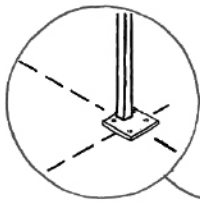
$\phi 1/4$ "x3" carriage bolt

CORNER POST

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.



WALL POST

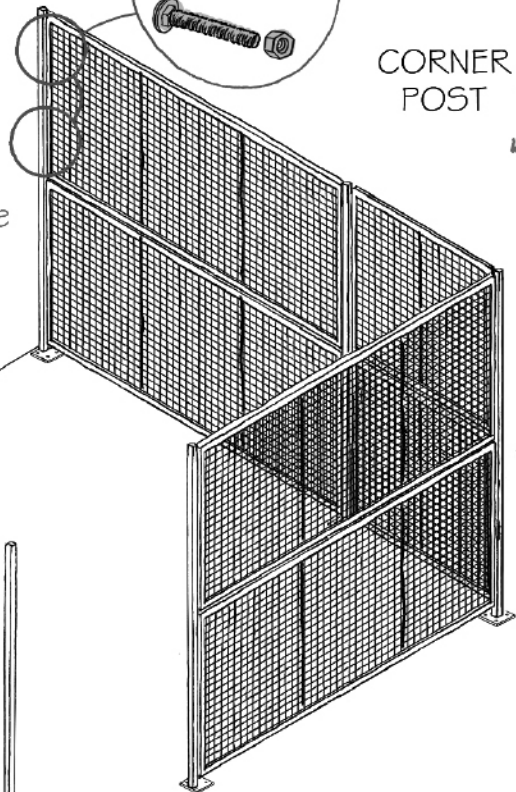
LINE POST

STEP 2 ANCHORS

Anchor the foot plates to the floor using wedge bolt anchors (not provided).
 $\phi 3/8$ "x 2 3/4" for 2"x2" post.
 $\phi 5/8$ "x 4 1/2" for both 4" and 6"x 2" post.



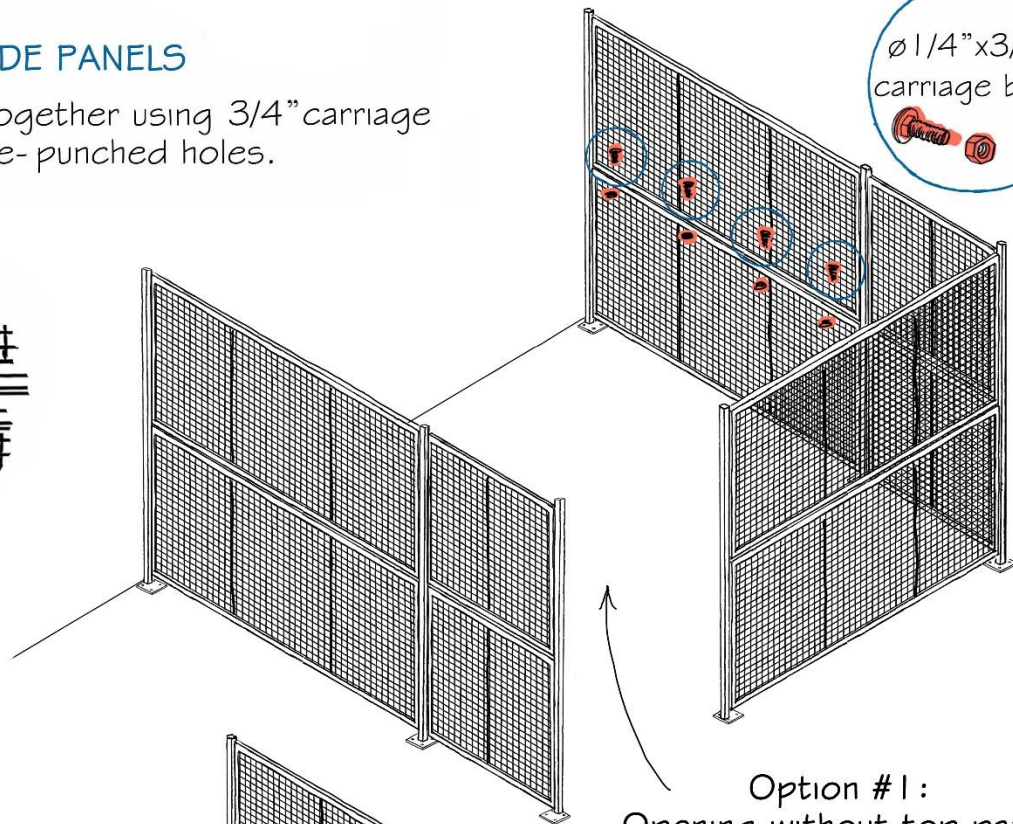
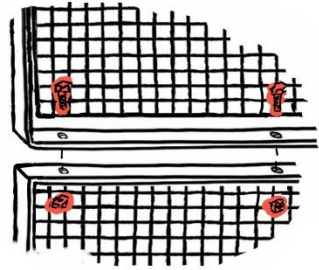
Hammer drill a hole with the same nominal diameter and at least as deep as the length of the anchor



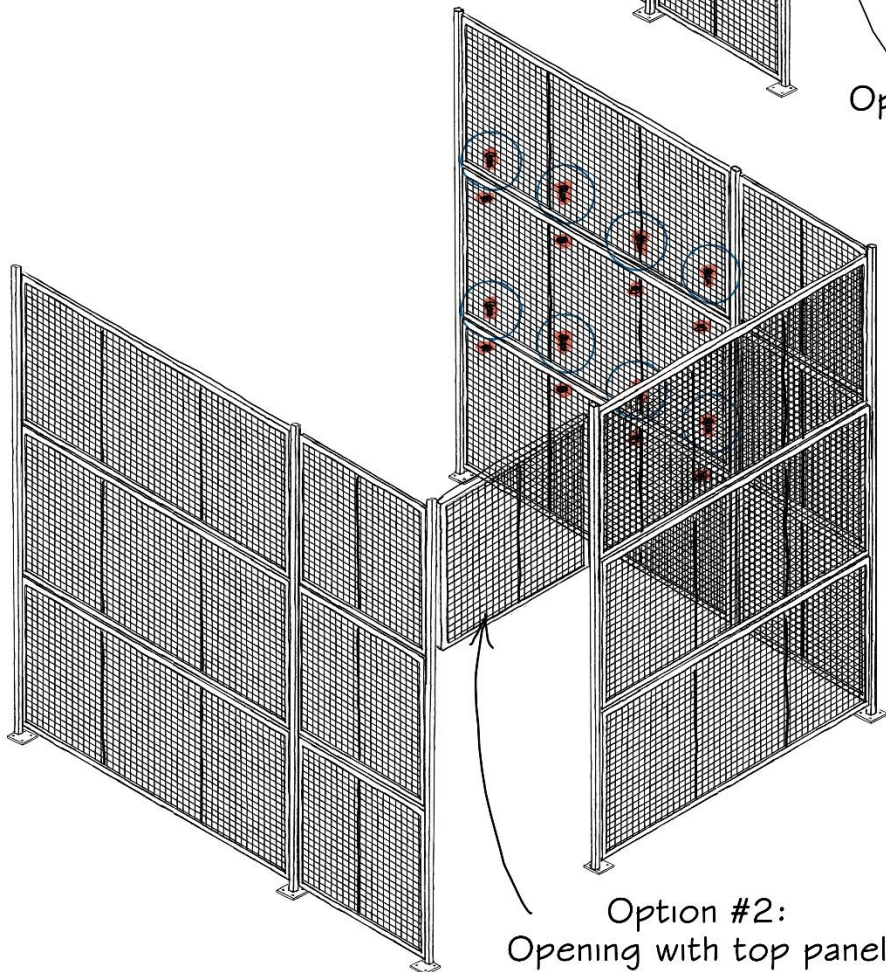
STEP 4

CONNECTING SIDE PANELS

Connect panels together using 3/4" carriage bolts in all the pre-punched holes.



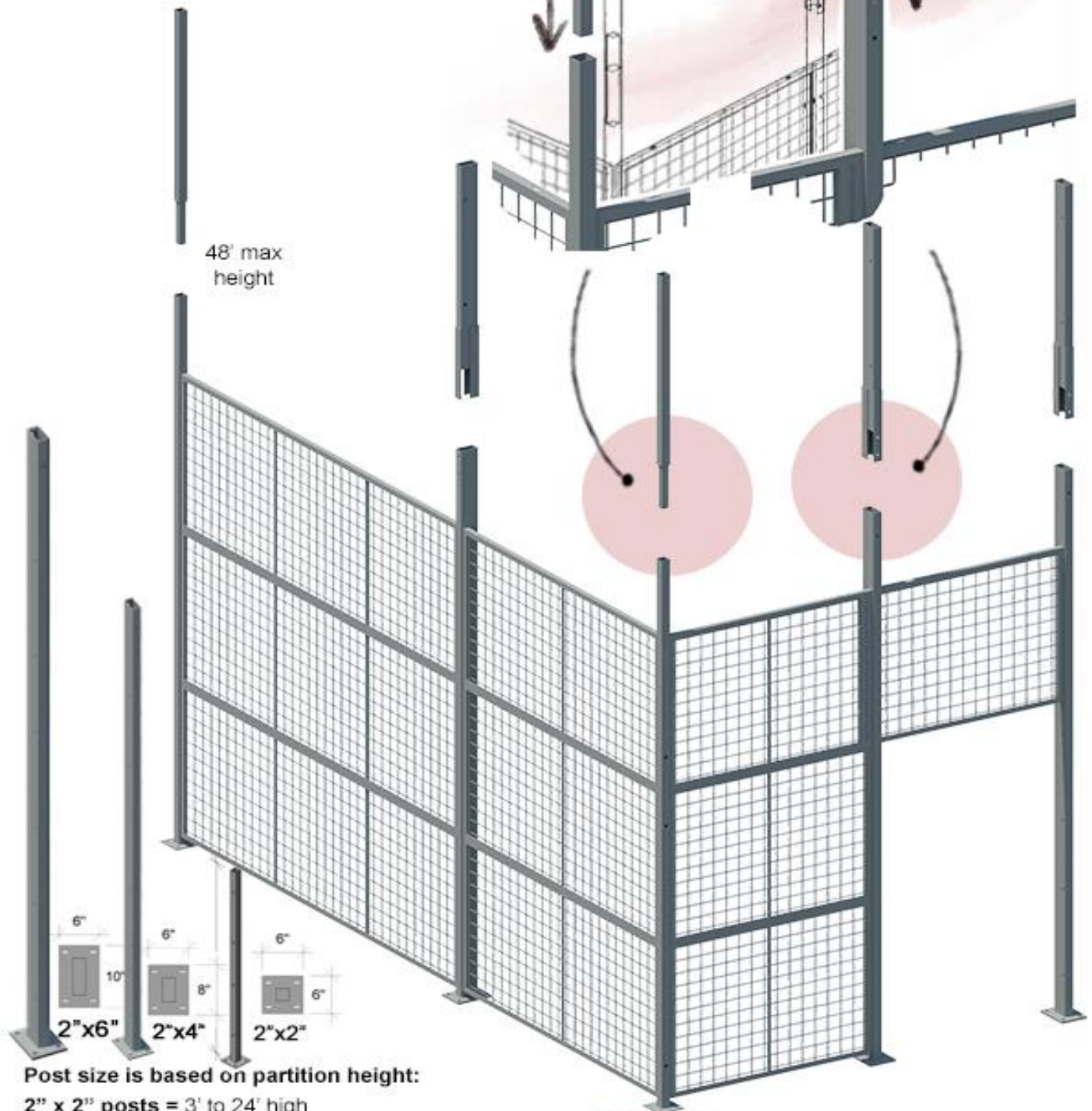
Option #1:
Opening without top panel.



Option #2:
Opening with top panel.

STEP 5 EXTENTIONS

Connecting with 3/8" carriage all upper extension parts of the spliced post to the already stabilized base column except for 2"x2" corner and wall post.



Post size is based on partition height:

- 2" x 2" posts = 3' to 24' high
- 2" x 4" posts = 25' to 35' high
- 2" x 6" posts = 36' to 48' high

Applies to line posts only.

Corner posts are always 2" x 2".

STEP 6 SIDE PANELS

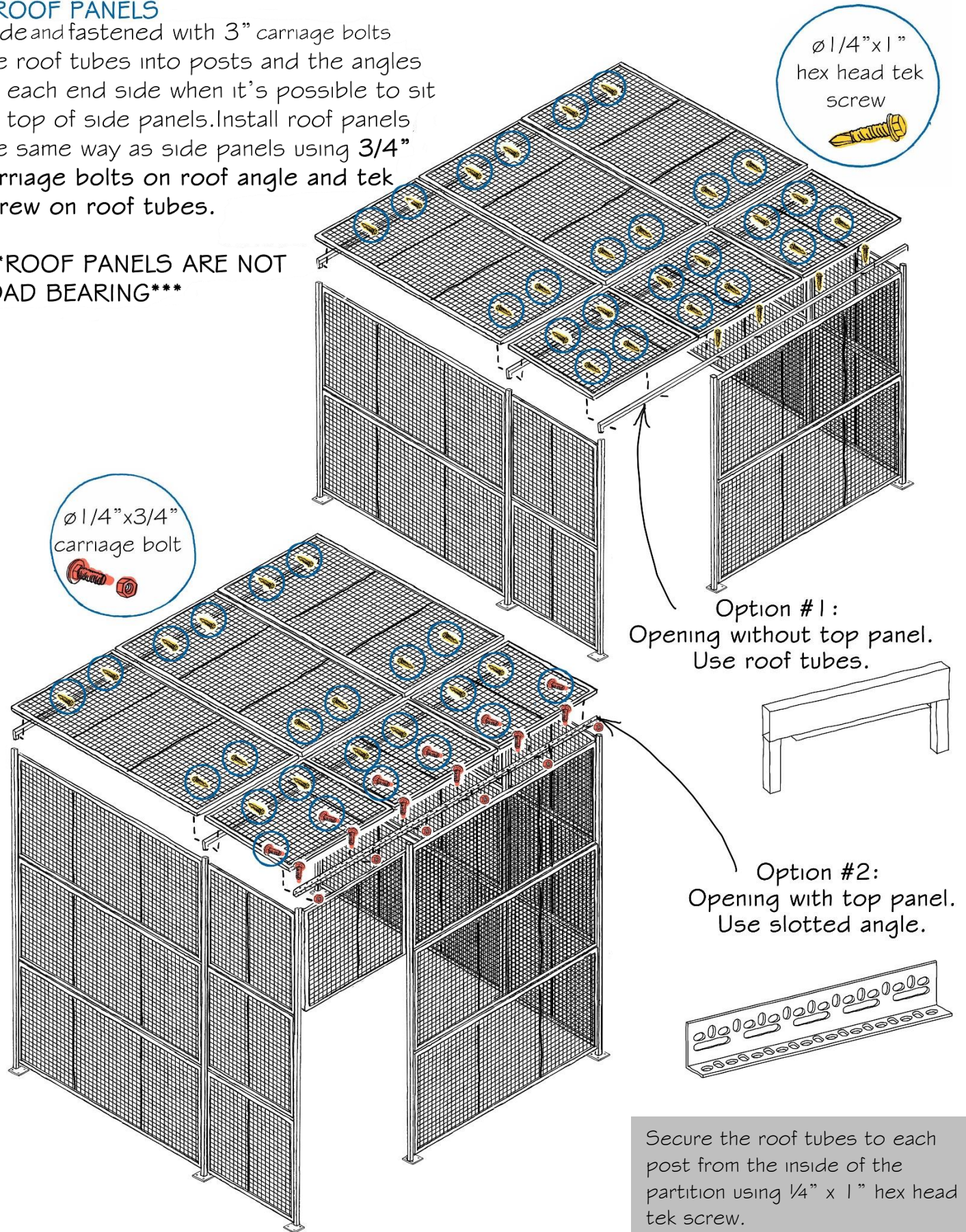
Complete attaching the leftover side panels on fully assembled spliced post using carriage bolts through all the pre-punched holes.

STEP 7

ROOF PANELS

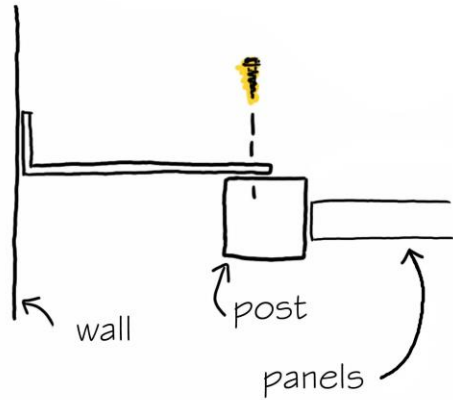
Slide and fastened with 3" carriage bolts the roof tubes into posts and the angles on each end side when it's possible to sit on top of side panels. Install roof panels the same way as side panels using 3/4" carriage bolts on roof angle and tek screw on roof tubes.

ROOF PANELS ARE NOT LOAD BEARING



OPTIONAL PART FLEX PANELS

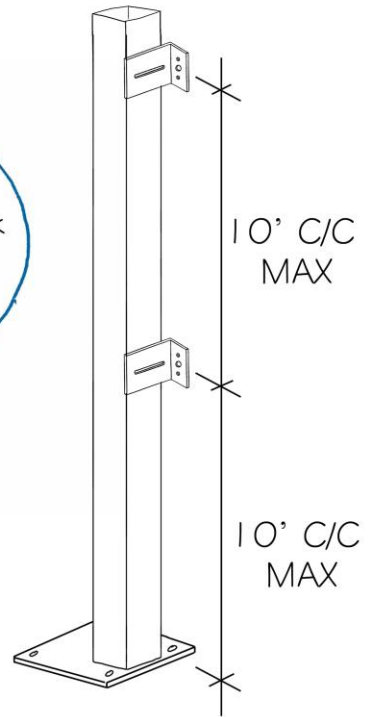
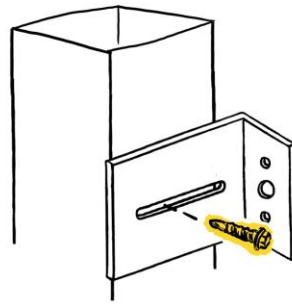
Fasten $\varnothing 1/4$ " hex head tek screw from the **inside of partition post** to attach the flex panel.



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.



NOTES

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" X 1 1/4" X 12GA STRUCTURALLY SHAPED FOR EXTRA STRENGTH AND RIGIDITY.

■ POSTS ARE MADE OF 2" X 2" X 16GA, 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.

■ ROOF PANELS ARE MADE OF THE SAME MATERIAL USED FOR SIDE PANELS EXCEPT FOR LEXAN AND SHEET METAL. FOR LEXAN AND SHEET METAL, THE ROOF IS MADE WITH THE WIRE MESH 2" X 2" X 10GA. ROOF PANELS ARE NOT LOAD BEARING.

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

■ STANDARD GREY POWDER-COATED TOUGH FINISH.