Velox

INSTALLATION INSTRUCTIONS
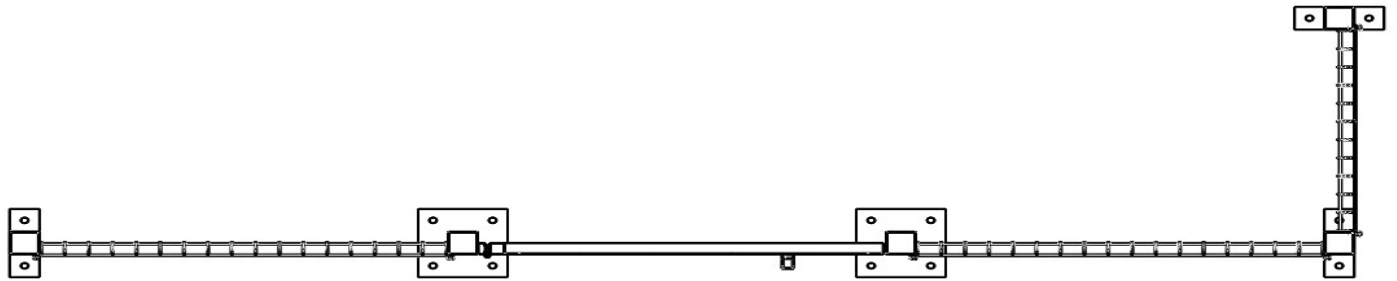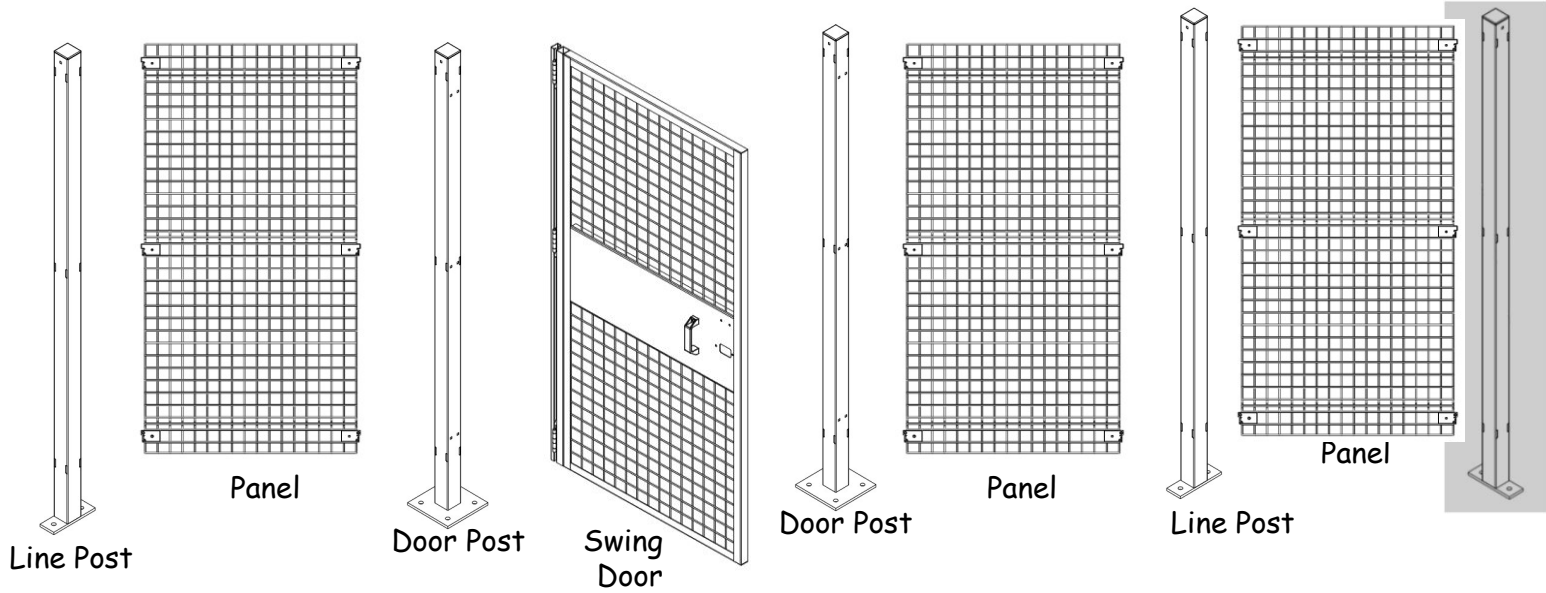

We are here to help! Please don't hesitate to call us.
Monday – Friday, 8:00am – 5:00pm EST

704-483-1900   www.getvelox.com

Sample Layout

Line Post

Panel

Door Post

Swing Door

Door Post

Panel
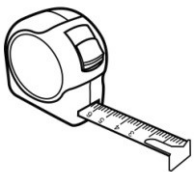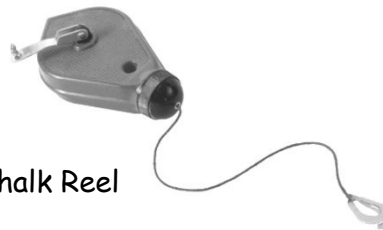
Line Post

Panel

Tools Required

Safety Glasses

Safety Gloves

Face Shield

Tape Measure

Level

Chalk Reel
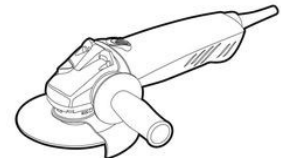
Ladder
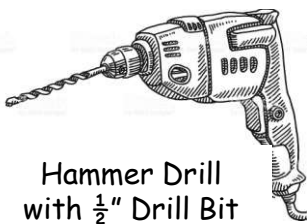
Hammer Drill with ½" Drill Bit

Rubber Mallet
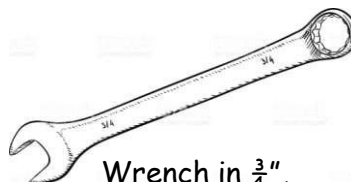
Wrench in ¾", 5/16" and 7/16"

Grinder

2

HARDWARE KITS

Your order is shipped with a cardboard box that includes hardware kits necessary for installation.

LINE/CORNER POST
KITXGPOST

Post Cap (1)

$\frac{1}{2}$" x 3 $\frac{3}{4}$" Anchor Bolt (2)

Shim (1)

Post Square Plug (1)

ADJUSTABLE CORNER POST
KITXGADJ

Post Cap (2)

$\frac{1}{2}$" x 3 $\frac{3}{4}$" Anchor Bolt (2)

Shim (2)

SWING DOOR POST
KITXGDPOST

Post Cap (1)

$\frac{1}{2}$" x 3 $\frac{3}{4}$" Anchor Bolt (4)

Shim (2)

Post Square Plug (1)

SLIDE DOOR POST
KITXGTPOST

Post Cap (1)

$\frac{1}{2}$" x 3 $\frac{3}{4}$" Anchor Bolt (3)

Shim (2)

Post Square Plug (2)

SINGLE SWING DOOR
KITXGSHD

Snap Latch Assembly (1)

Door Handle (1)

5/16"-18 x 3" Carriage Bolt (8)

$\frac{1}{4}$"-20 x $\frac{3}{4}$" Hex Head Bolt (4)

5/16" Serrated Nut (8)

$\frac{1}{4}$"-20 Hex Nut (4)

M6 HEX Nut (1)

SINGLE SLIDE DOOR
KITXGSTD

Snap Latch Assembly (1)

Door Handle (1)

5/16"-18 x 3" Carriage Bolt (2)

5/16"-18 x 3 $\frac{1}{2}$" Carriage Bolt (8)

$\frac{1}{4}$"-20 x $\frac{3}{4}$" Hex Head Bolt (4)

5/16" Serrated Nut (10)

$\frac{1}{4}$"-20 Hex Nut (4)

M6 HEX Nut (1)

M4 HEX Nut (2)

DOUBLE SWING DOOR
KITXGDSD

Snap Latch Assembly (1)

Door Handle (2)

5/16"-18 x 3" Carriage Bolt (6)

$\frac{1}{4}$"-20 x $\frac{3}{4}$" Hex Head Bolt (8)

5/16" Serrated Nut (6)

$\frac{1}{4}$"-20 Hex Nut (8)

M6 HEX Nut (1)

DOUBLE SLIDE DOOR
KITXGDTD

Snap Latch Assembly (1)

Door Handle (2)

5/16"-18 x 3 $\frac{1}{2}$" Carriage Bolt (16)

$\frac{1}{4}$"-20 x $\frac{3}{4}$" Hex Head Bolt (8)

5/16" Serrated Nut (16)

$\frac{1}{4}$"-20 Hex Nut (8)

M6 HEX Nut (1)

CUT TO FIT
XGBC

Connector Plate (6)

Bolt-on Clip (2)Left (2) Right

Hex Nut (6)

CUT TO FIT - NF
XGBC-NF

Connector Plate (6)

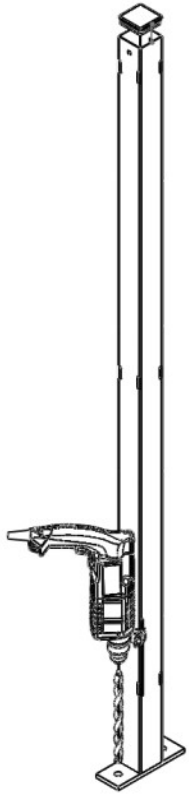Bolt-on Clip (2)Left (2) Right

Hex Nut (6)

Phillips Wafer Head Screw (2)

Post Installation
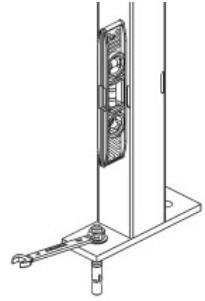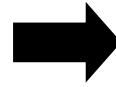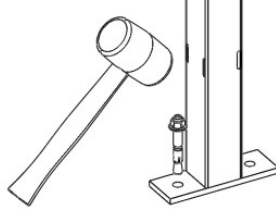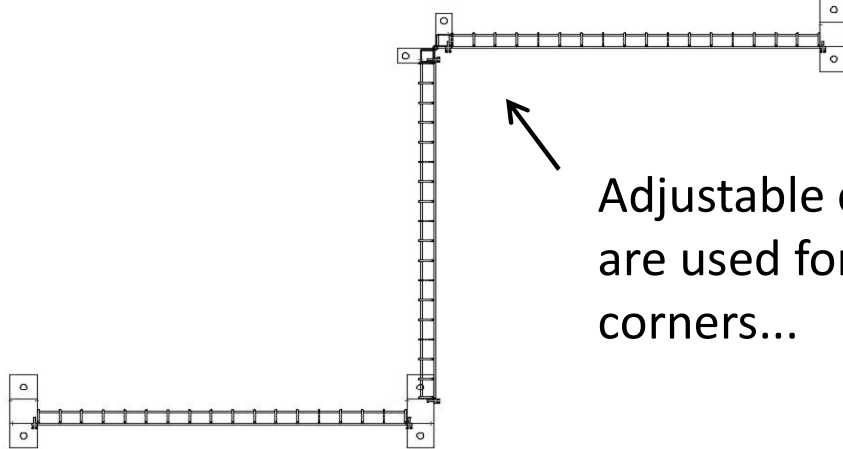
Anchor one post first, then use chalk lines to build out from there. DO NOT anchor more posts until the entire system is installed (or if the system becomes unstable).
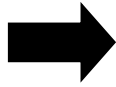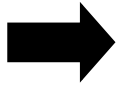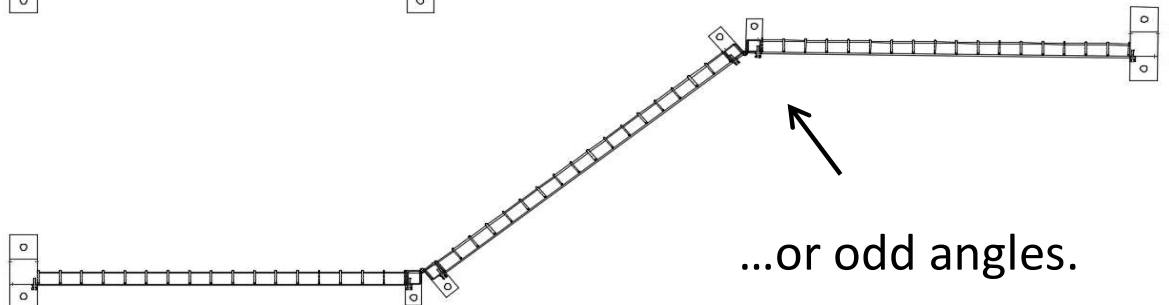
HARDWARE: KITXGPOST

Adjustable Corner Post
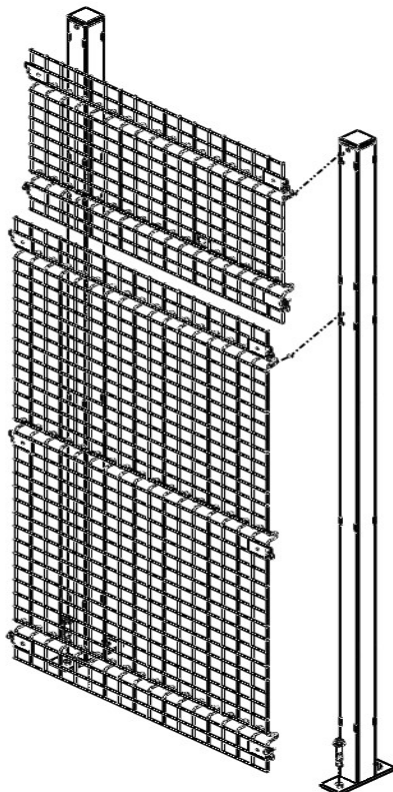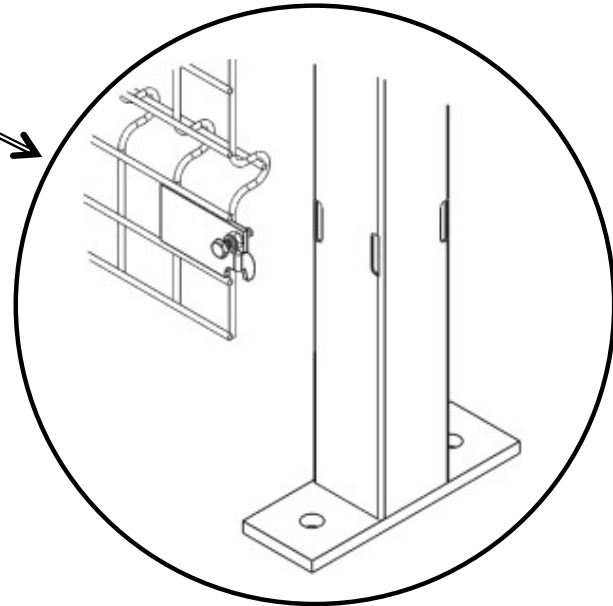
Adjustable corner posts are used for inside corners...

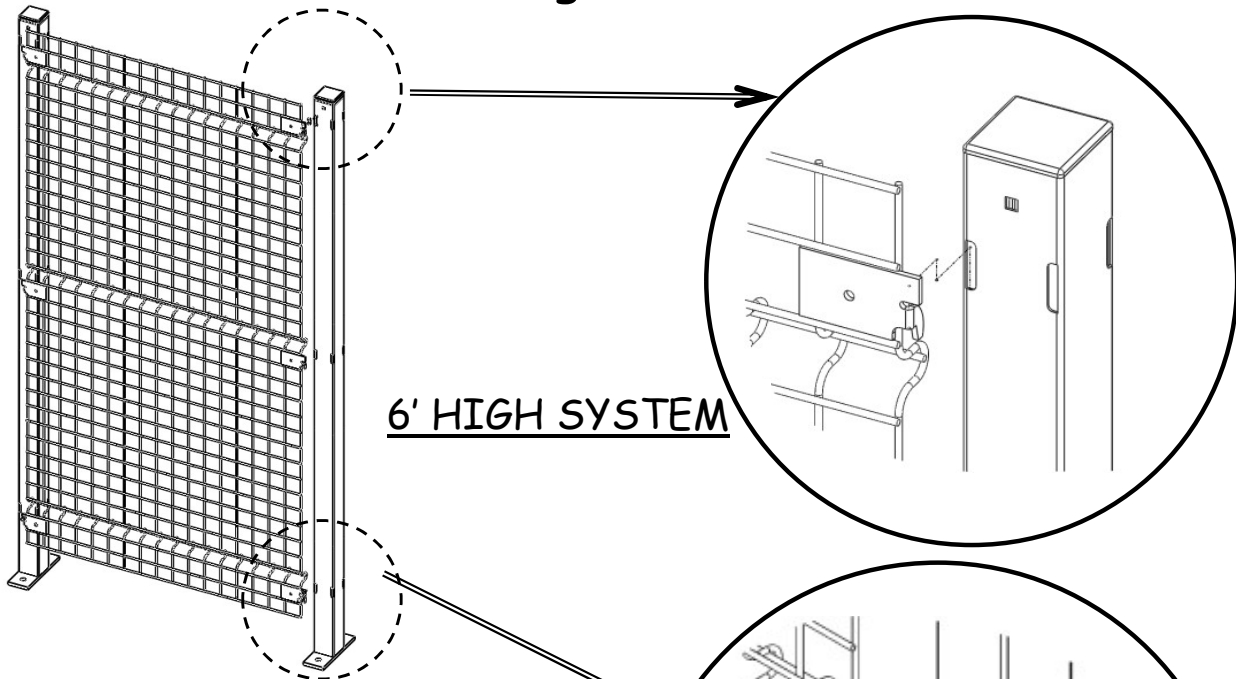...or odd angles.

HARDWARE: KITXGADJ

Loosen the fastener at bottom of panel prior to installation. Once the panel is in place, tighten the fastener with a hand wrench. Do not use power tool or over-tighten as this will DAMAGE the fastener, making it unusable.

6' HIGH SYSTEM

8' High System

For an 8' high system, use 8' posts and add 24" high panels above the 66" panels. Connect the two panels using stack clip (KITXSTACK), 1 clip every 2 feet.
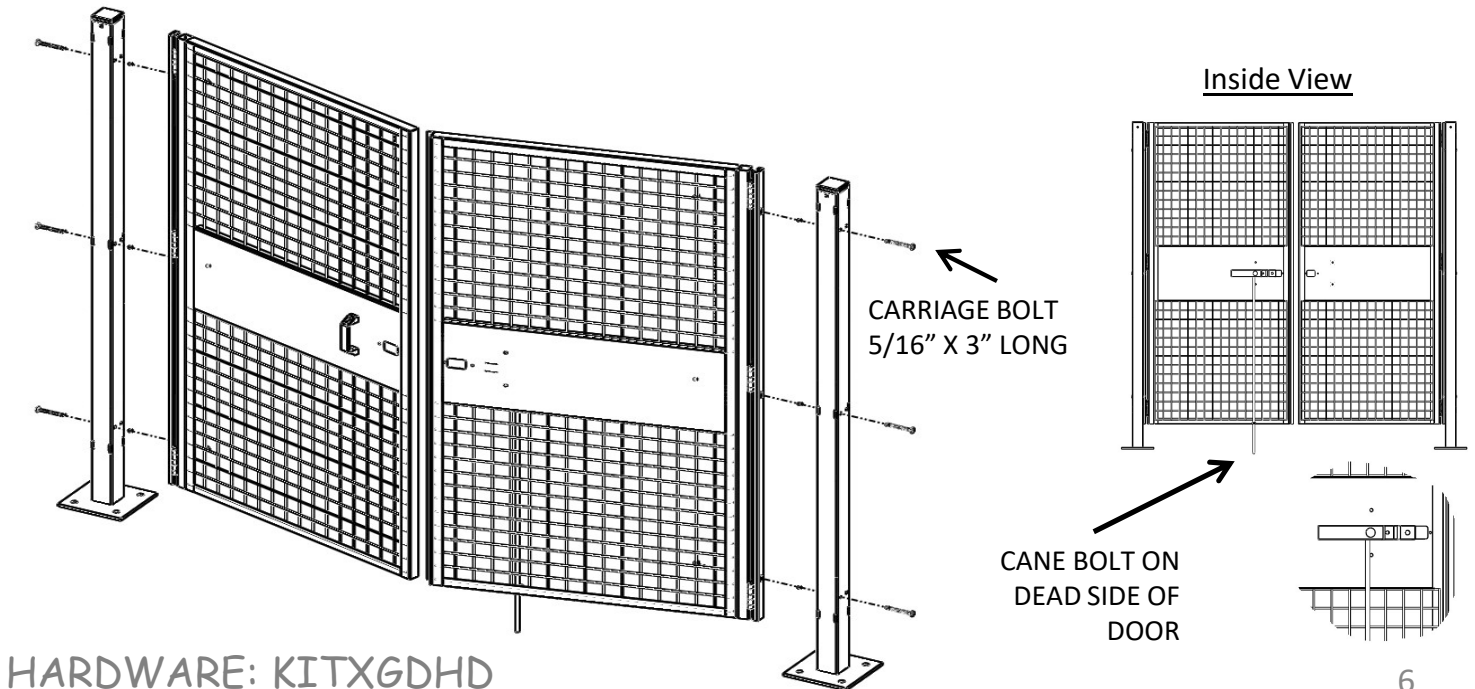
Single Swing Door

CARRIAGE BOLT
5/16" X 3" LONG
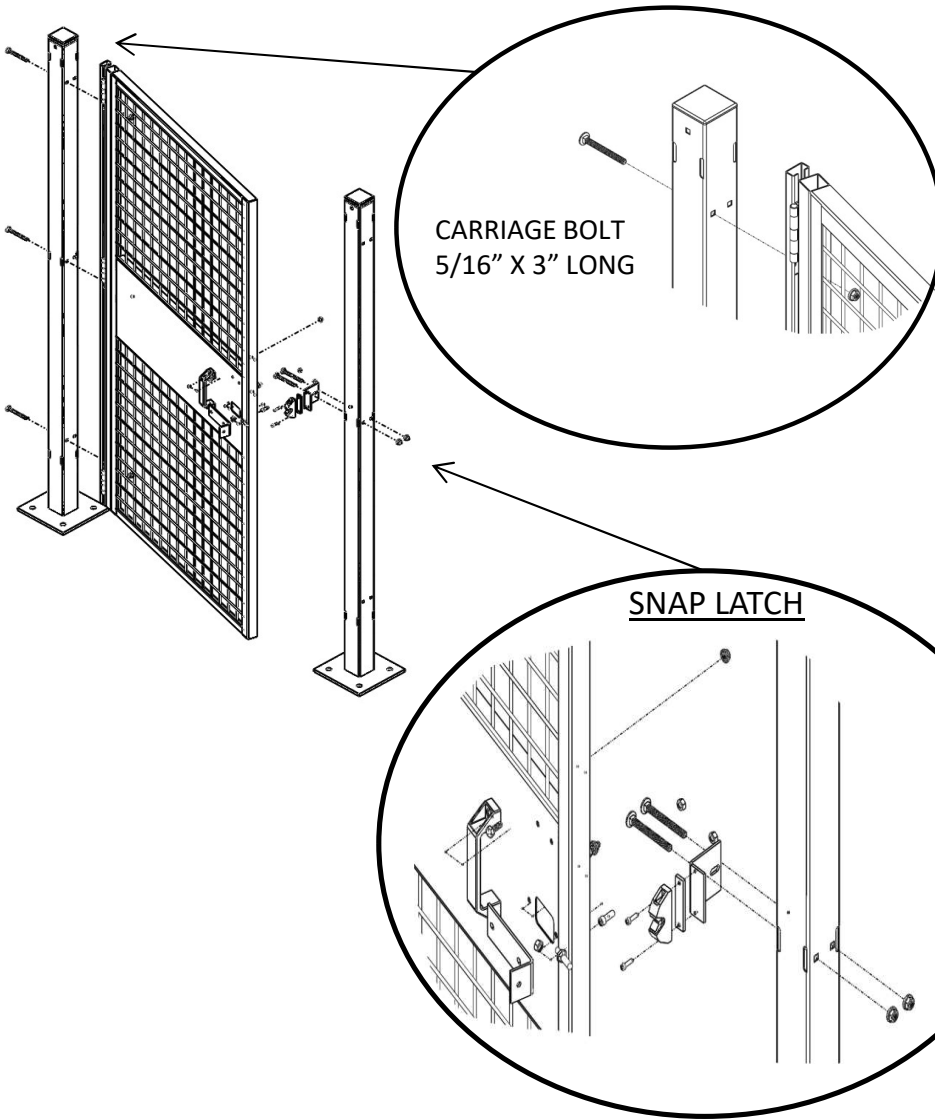
HARDWARE:
KITXGSHD

SNAP LATCH

IF YOU ARE NOT USING THE SNAP LATCH, YOU MUST INSTALL THE INCLUDED STRIKE BAR TO LATCH POST.

Double Swing Door

Inside View

CARRIAGE BOLT
5/16" X 3" LONG

CANE BOLT ON DEAD SIDE OF DOOR

HARDWARE: KITXGDHD

6
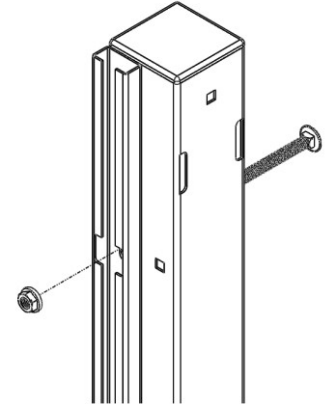
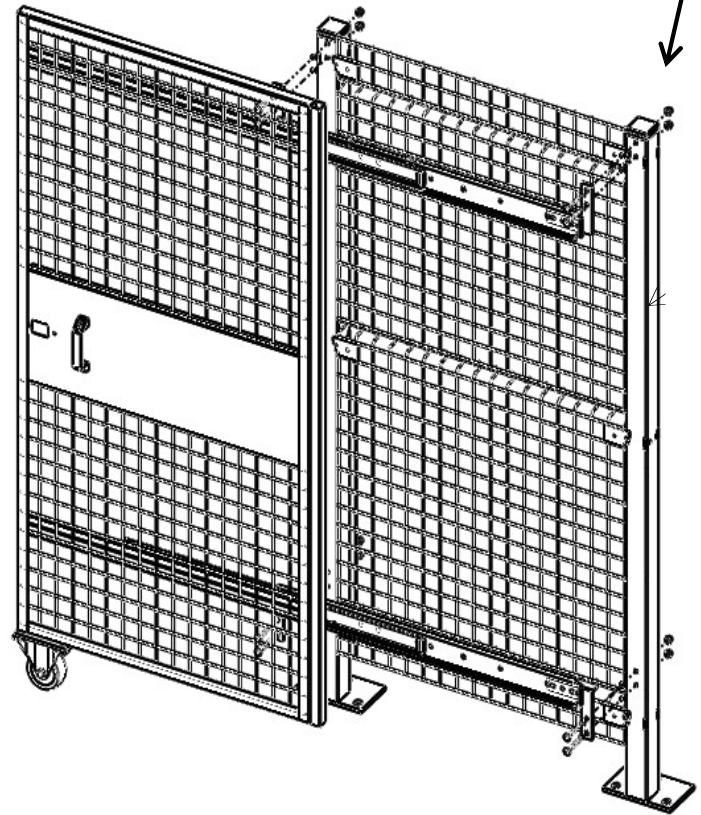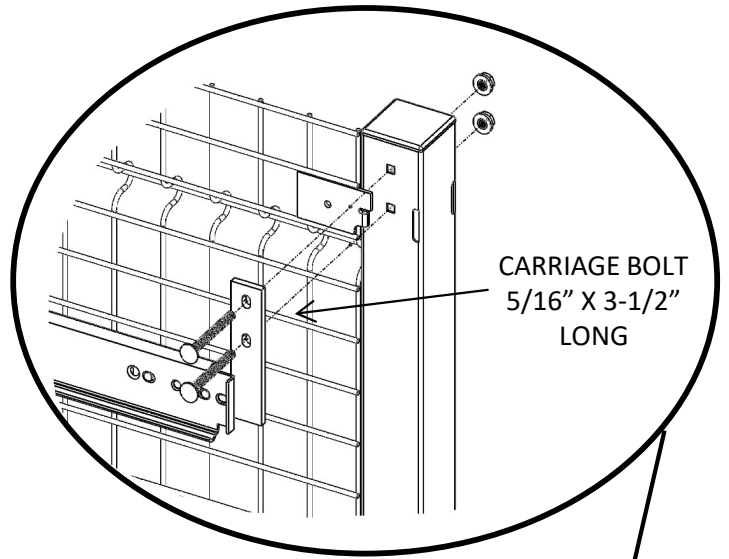*For an 8' system, there will be a header bar on top of the door.

Install fixed panel first. Stand door in front of fixed panel using wood blocks provided to hold door in position while attaching to posts.

NUT SERRATED
5/16

CARRIAGE BOLT
5/16-18 x 3

HARDWARE: KITXGSTD

BOLT, 1/4-20 x 3/4"
HEX HEAD

HEX NUT
1/4-20 TOOTH FLANGE
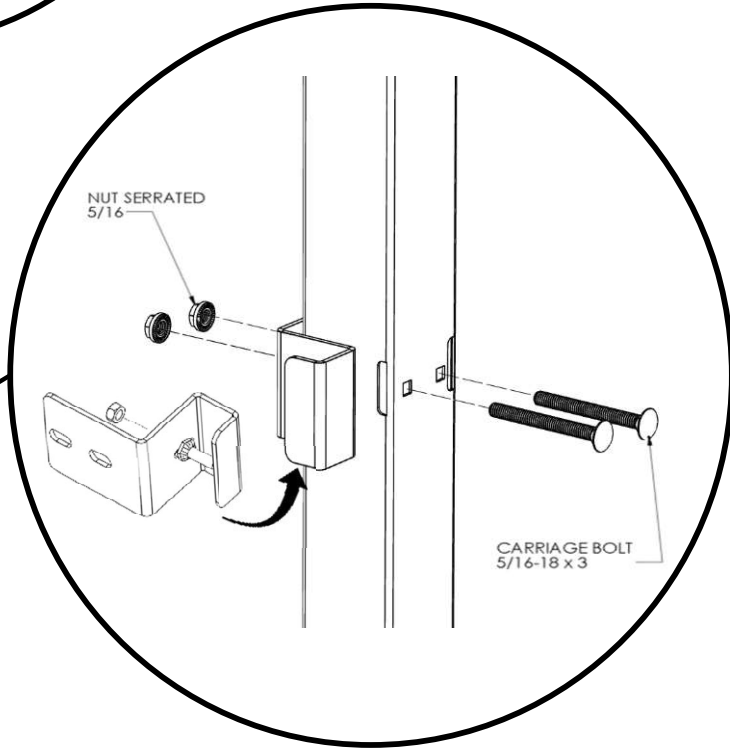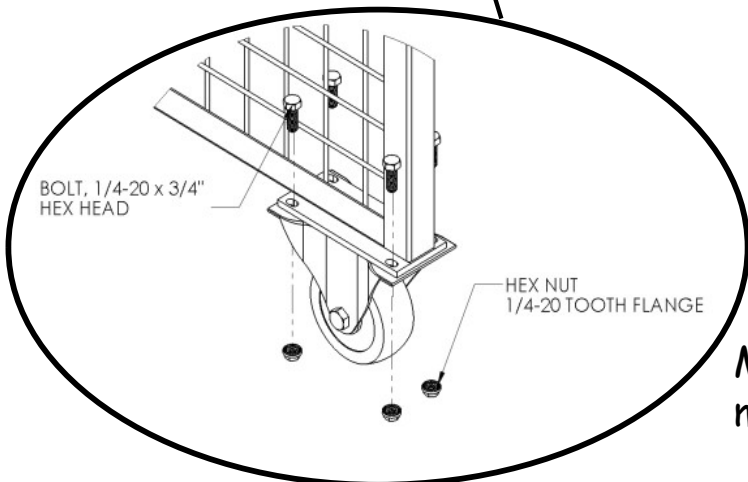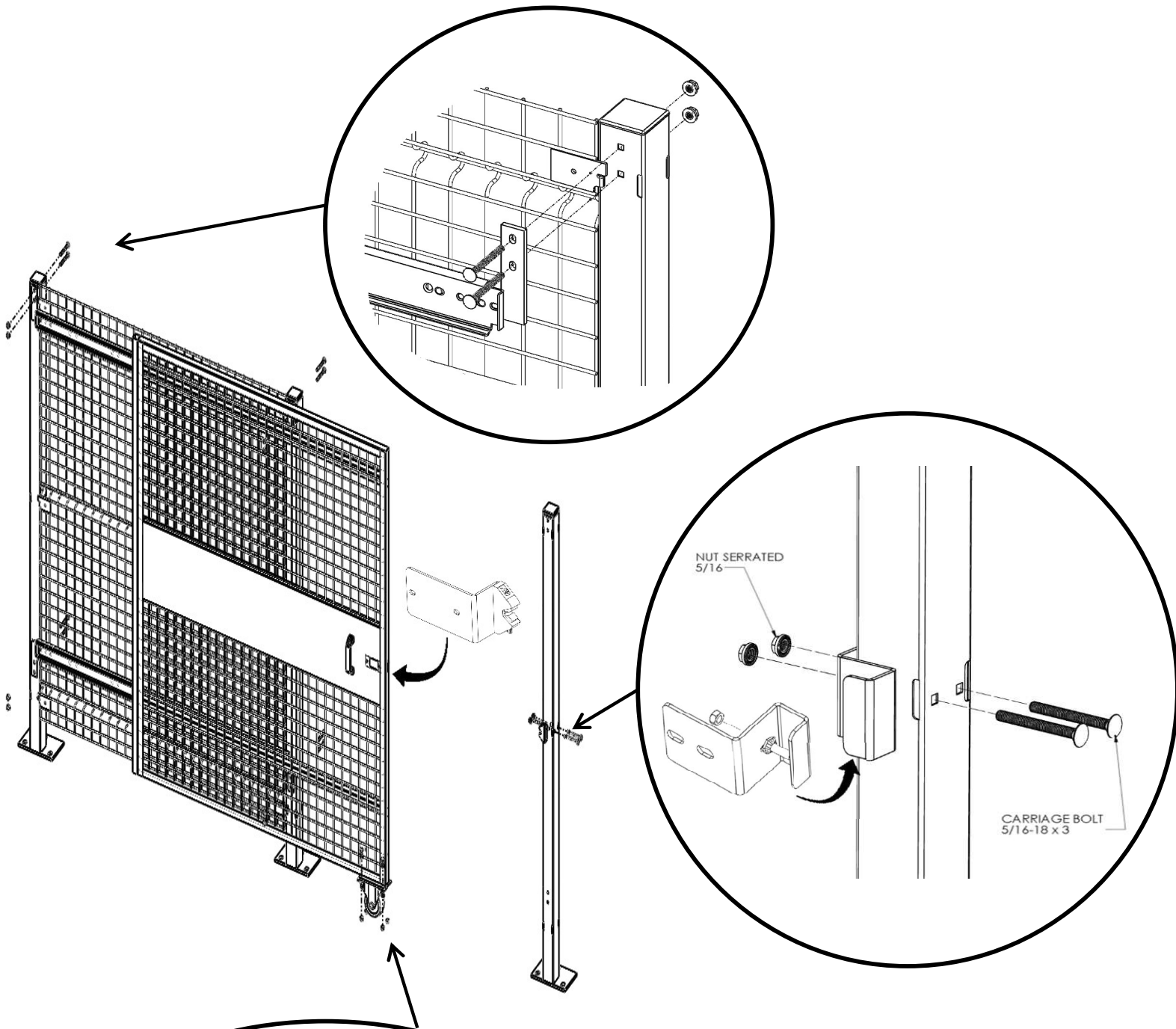
Mount caster prior to mounting door.

CARRIAGE BOLT
5/16" X 3-1/2"
LONG
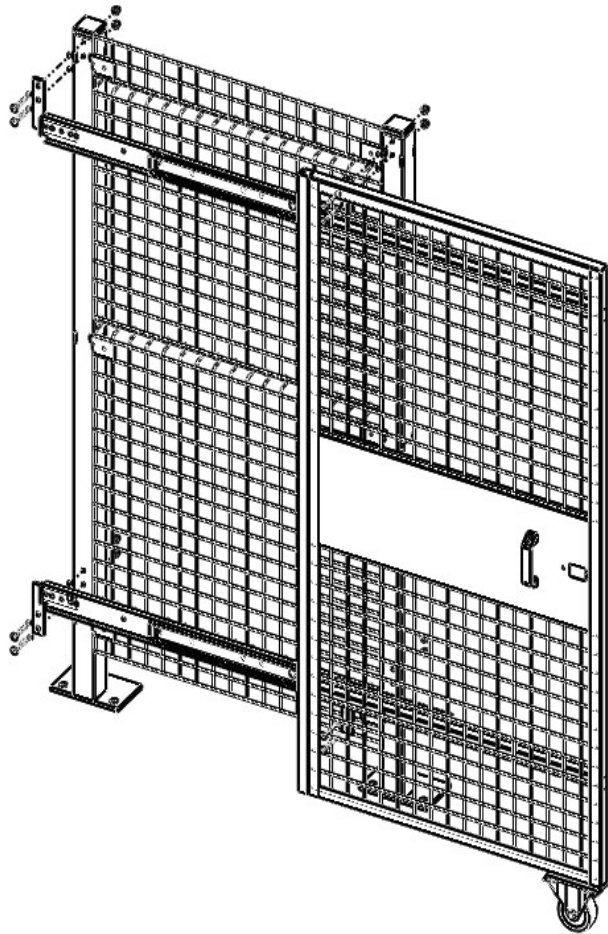
Attach caster to the plate that
is welded to the door frame.

BOLT, 1/4-20 x 3/4"
HEX HEAD

HEX NUT
1/4-20 TOOTH FLANGE
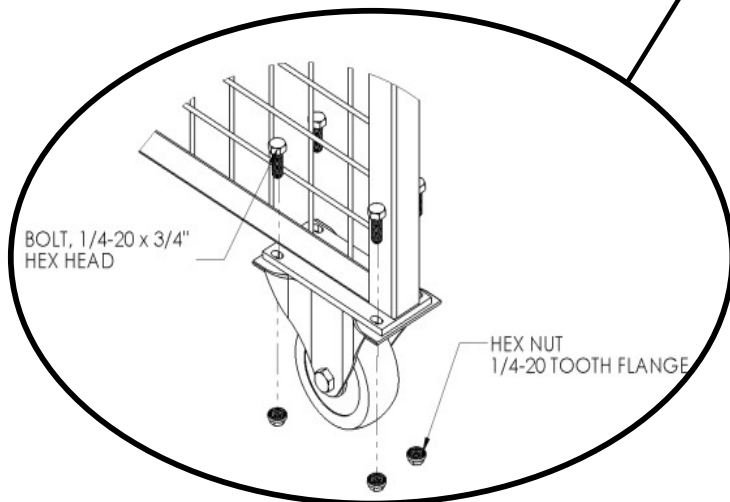
HARDWARE: KITXGDTD

8

<u>WIDTH MODIFICATION – USE XGBC</u>

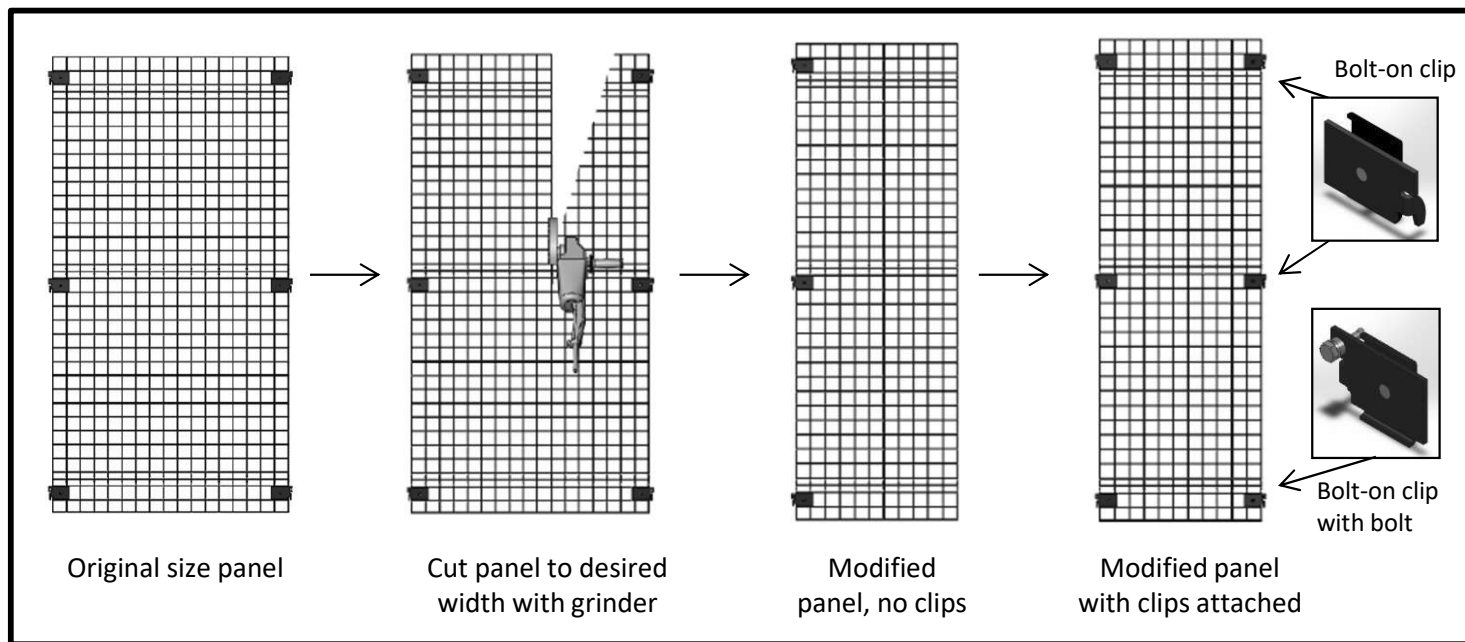Modify in the field to create the exact panel width you need. XGBC includes 3 left hand and 3 right hand clips. A 6' high system requires a total of 3 bolt-on clips while an 8' high system requires a total of 5 bolt-on clips.
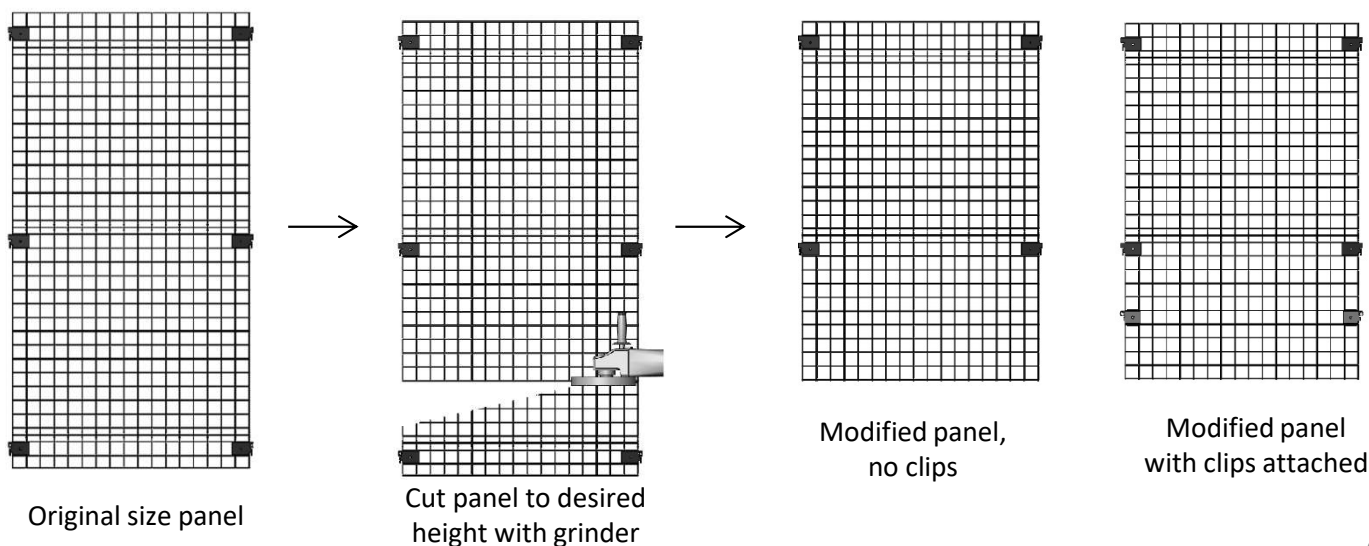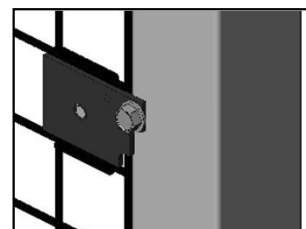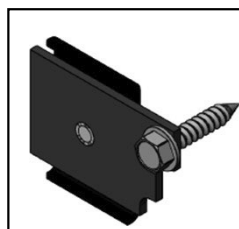
Bolt-on clip

Bolt-on clip with bolt

| Original size panel | Cut panel to desired width with grinder | Modified panel, no clips | Modified panel with clips attached |

*When working on an 8' high system, cut one side of the 66" high panel and the opposite side on the 24".
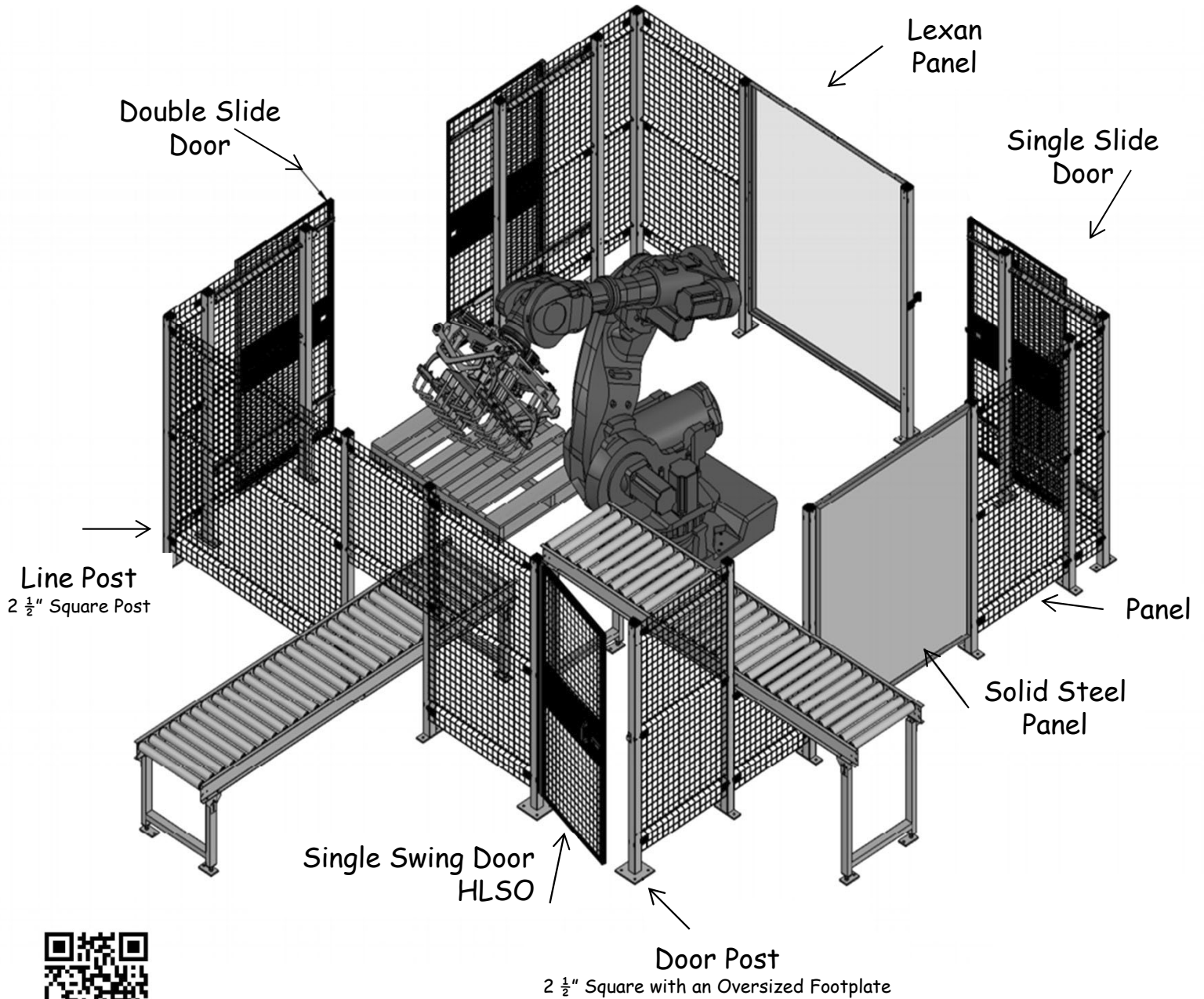
Cut to Fit Panels - Height

<u>HEIGHT MODIFICATION – USE XGBC-NF IF NEEDED</u>

Modify in the field to create the exact height you need. If the bolt-on clips do not line up with pre-punched holes in the post, use XGBC-NF to secure panel to post with the included self-tapping screws.

| Original size panel | Cut panel to desired height with grinder | Modified panel, no clips | Modified panel with clips attached |

Velox

Double Slide Door

Lexan Panel

Single Slide Door

Line Post
2 ½" Square Post

Panel

Solid Steel Panel

Single Swing Door HLSO

Door Post
2 ½" Square with an Oversized Footplate

Husky Rack & Wire
704-483-1900
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