SAPPHIRE
CUBICLE SYSTEM

Installation Guide

39″H, 52″H and 65′H

SAPPHIRE
CUBICLE SYSTEM

SKUTCHI DESIGNS inc. ®
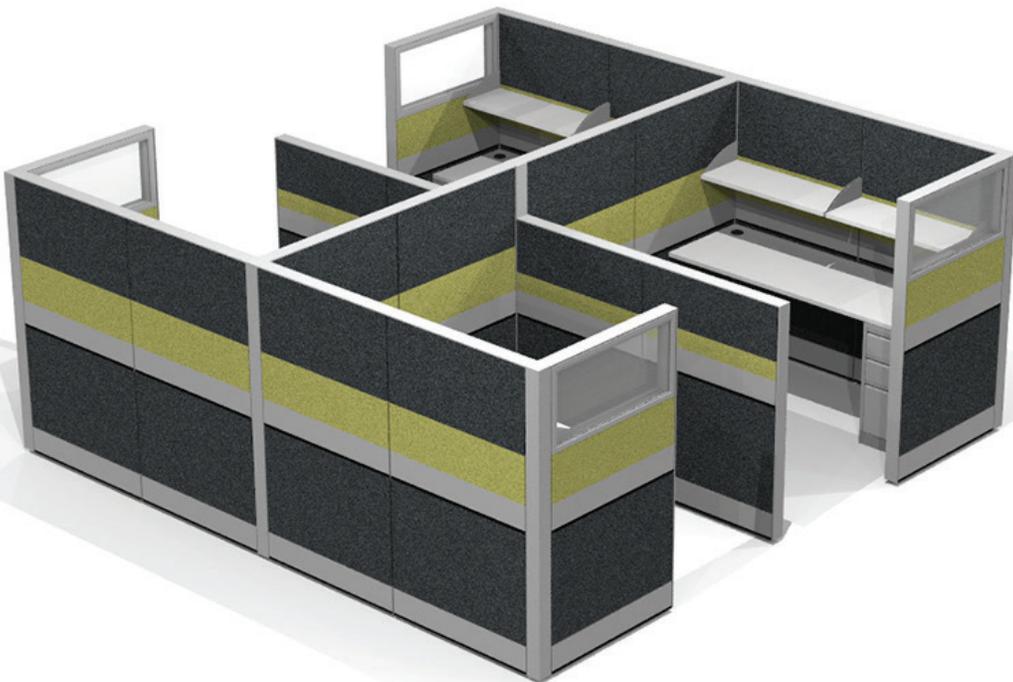
Tools Needed for Installation

(Professional Assembly Recommended)

Drill Bits

1/4 Driver

Clamp

Mallet

Screw Gun

Allen Keys

Chop Saw

Level

Pry Bar

Double-Sided Tape

Quick Tips

1. Unpack all product before assembly

2. 3 person installation

3. Make sure all panels are level

4. Frame entire office before installing tiles. ***MAKE SURE TO INSTALL END CAP BEFORE INSTALLING TILES**

5. Professional installation recommended.

6. **If your floor plan does not fit exactly with our sizes we suggest the following: A contractor may be hired to build out wall to meet measurements. This is called a knee wall and very common in the industry when odd measurements are left. This will make a finished look.

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1/2″ Hex Bolts- for connectors

1″ Hex Bolts- for panel to panel connectors

End Trim

Light Blockers
Small/Large

Connectors

4 Way Connector

3 Way Connector

2 Way Connector

Straight Panel to
Panel Connector

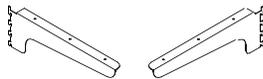120 Degree 2
Way Connector
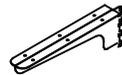
45 Degree 2 Way
Connector

120 Degree 3
Way Connector

Support

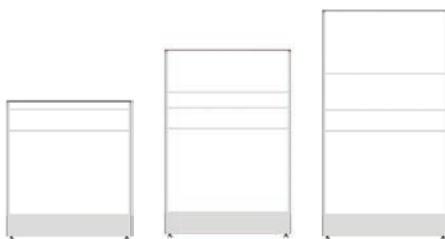Corner Worksurface
Support

Right/Left Cantilver

Double Cantilver

Flat Bracket

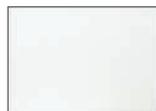Transaction Support/
Counter Top Bracket
(Set of 4)

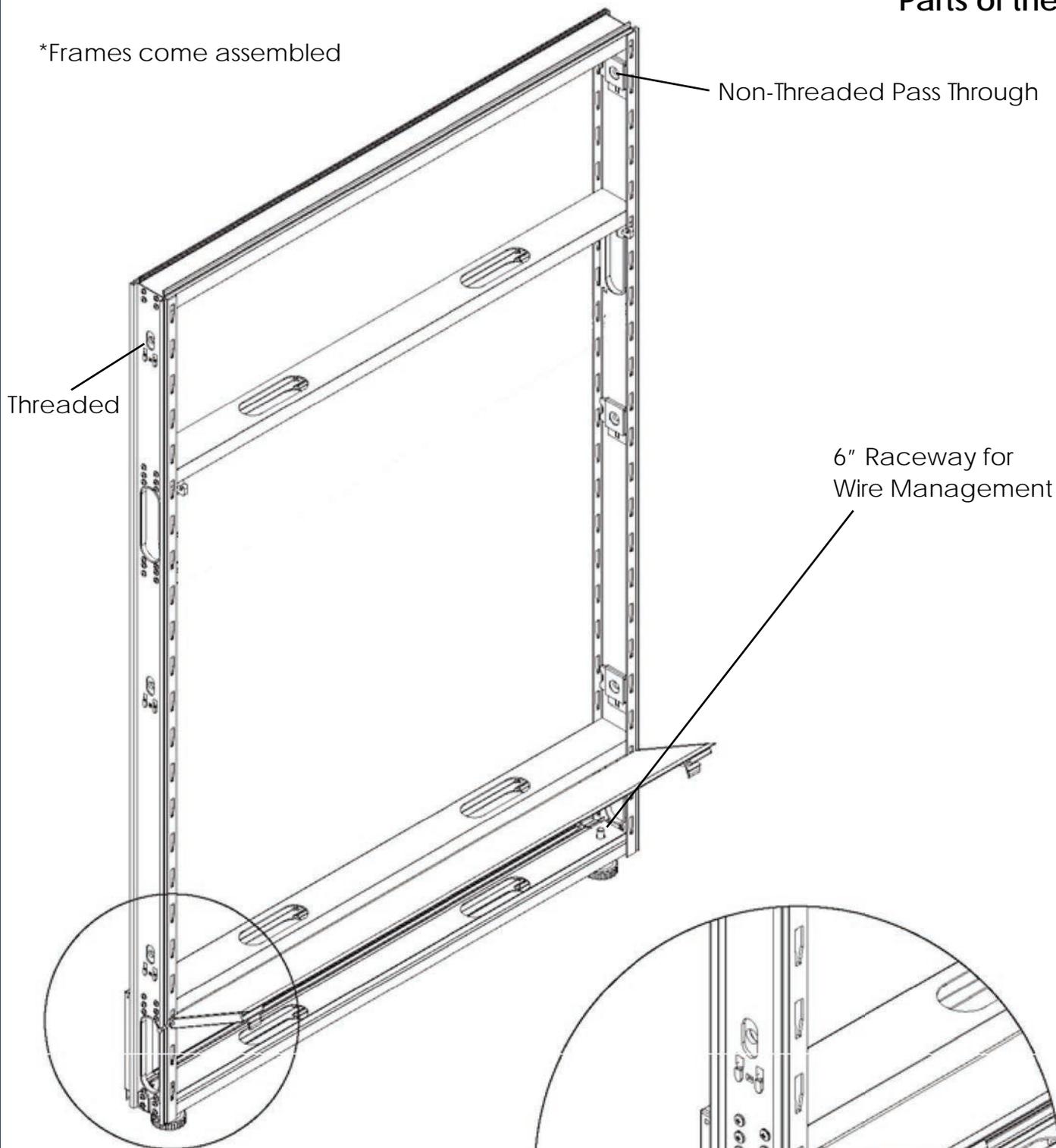## Panel Frames

39″H   52″H   65″H

Tiles

Materials Vary

Glass Options

Panel Topper/Stacker

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*Frames come assembled

Non-Threaded Pass Through

Threaded

6″ Raceway for
Wire Management

*If installing panels directly to a wall
view instructional video here.

https://youtu.be/FJIyziYUH6w

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End Cap
Install

*MAKE SURE TO INSTALL END CAP BEFORE INSTALLING TILES

No pre-drilled holes.
Please use sheet metal screws
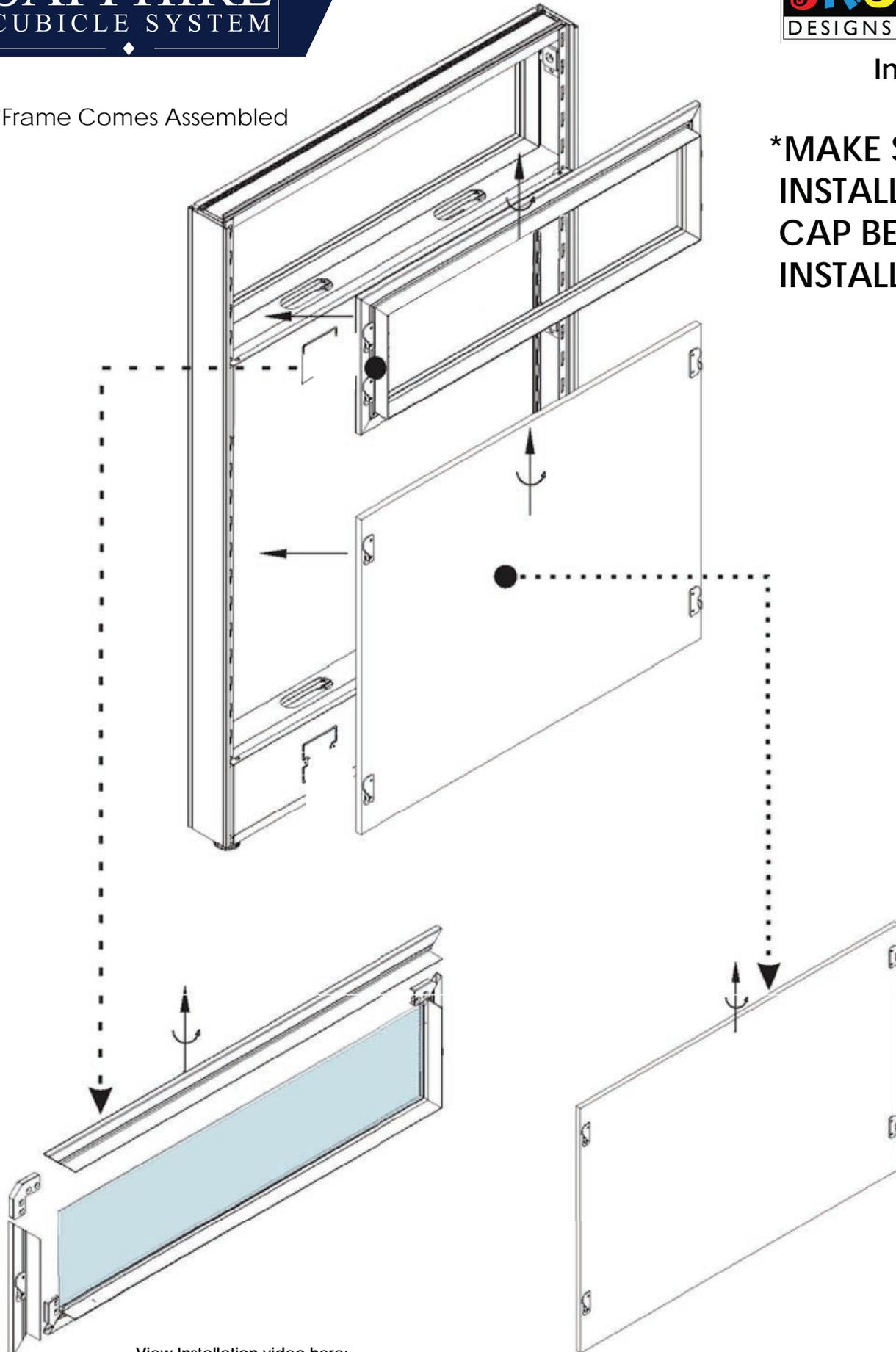(5/8" gold screws) and tap
holes through frame.

End Cap

Gold Screws

View Installation video here:

https://www.youtube.com/watch?v=lfOW-KOD59o

SAPPHIRE
CUBICLE SYSTEM
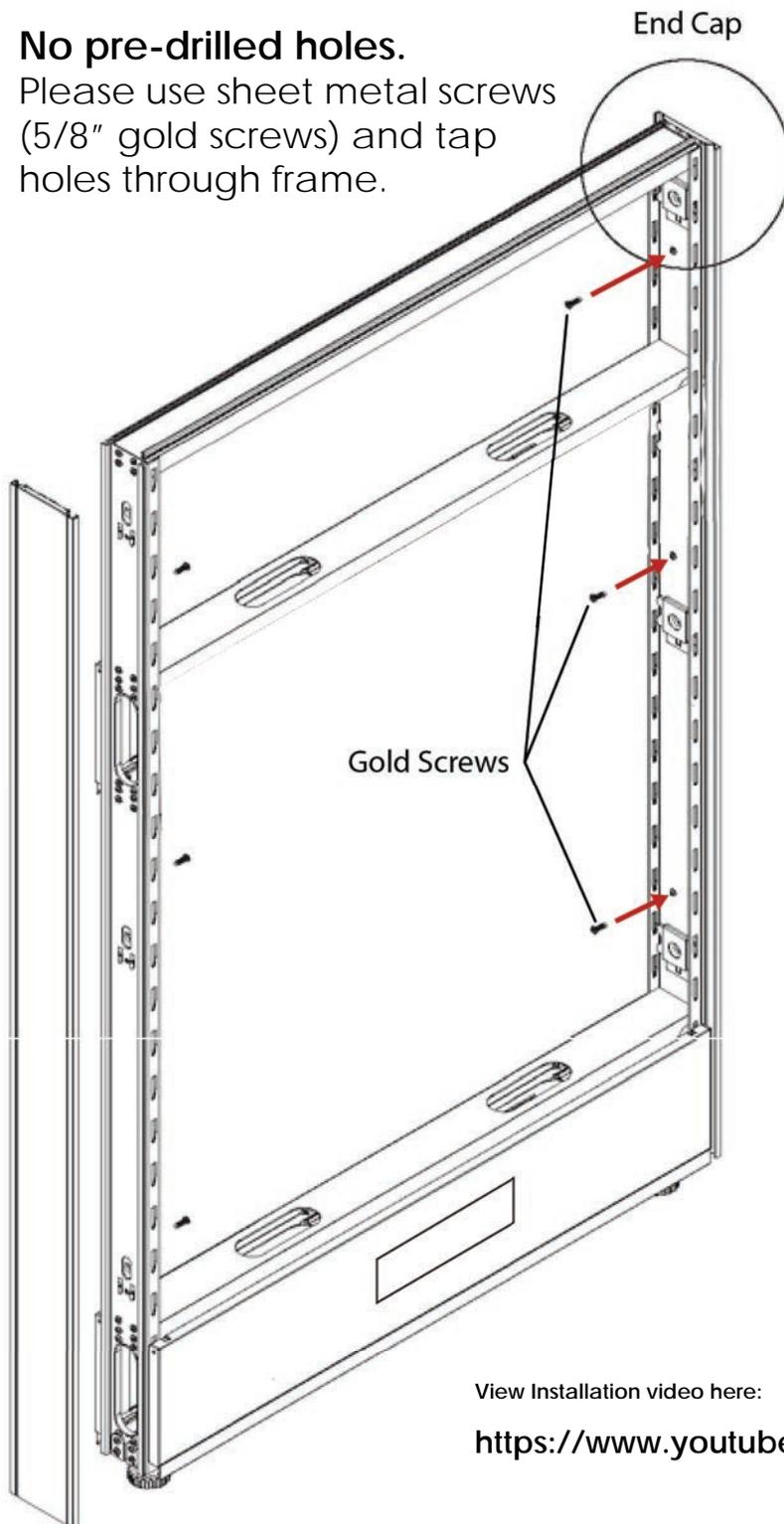
*Frame Comes Assembled

*MAKE SURE TO INSTALL END CAP BEFORE INSTALLING TILES

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View Installation video here:

https://www.youtube.com/watch?v=4Hxd4AGEFm4

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Threaded

Pass Through

6" Raceway

Hex Bolt

Leveled

Hex Bolt

Allen Wrench Size

View Installation video here:

https://www.youtube.com/watch?v=4Hxd4AGEFm4
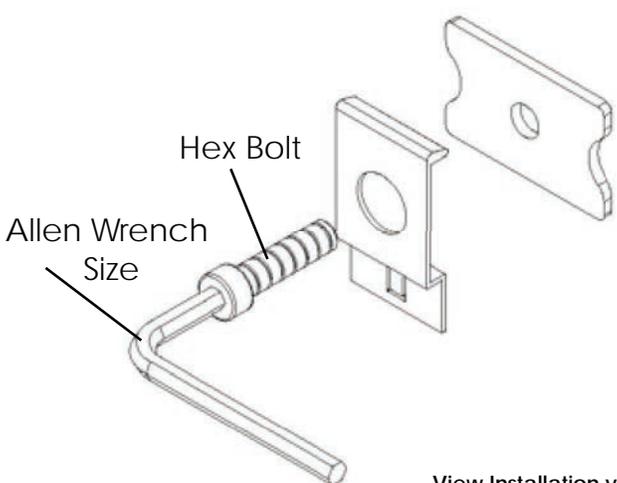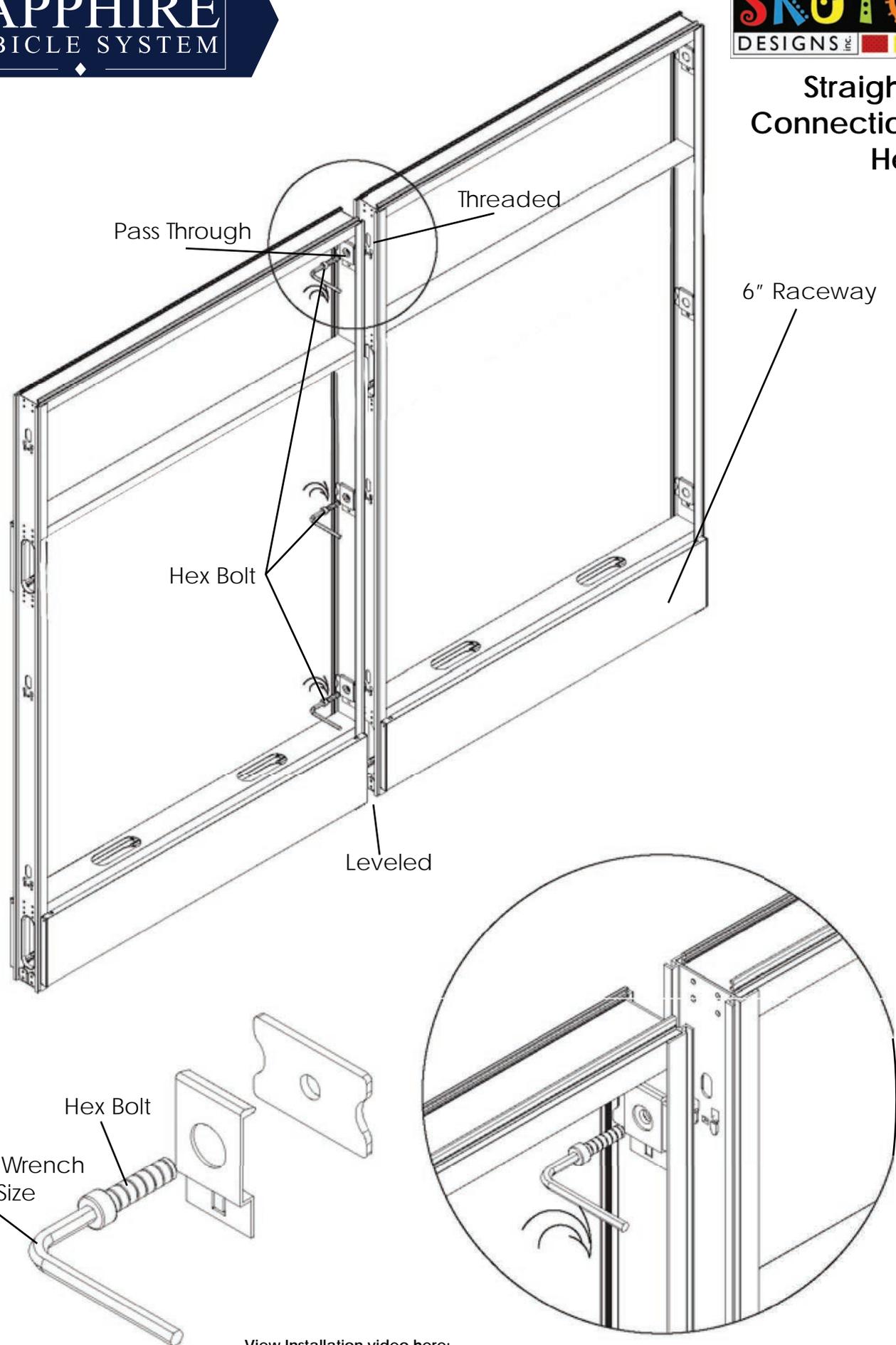
54" Straight Connector

65" Straight Connector

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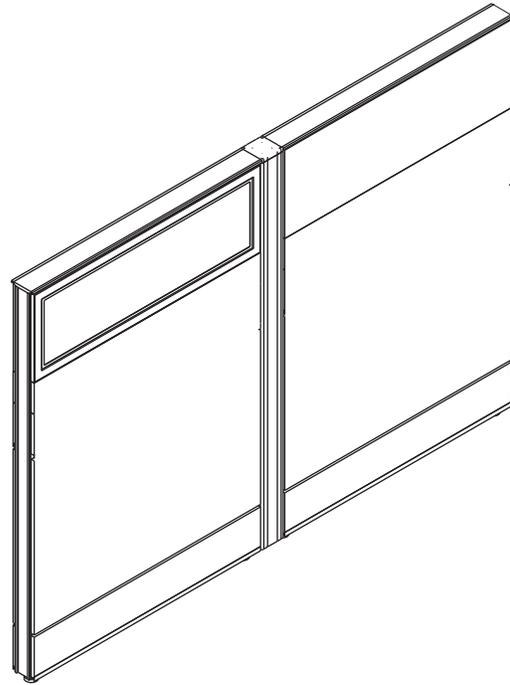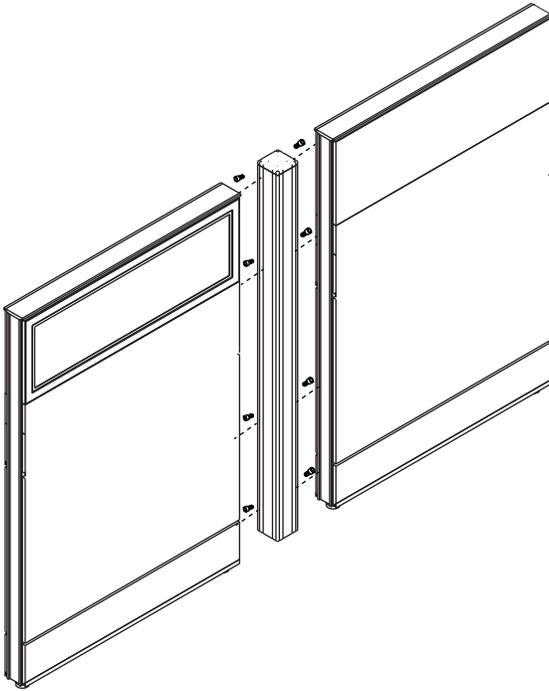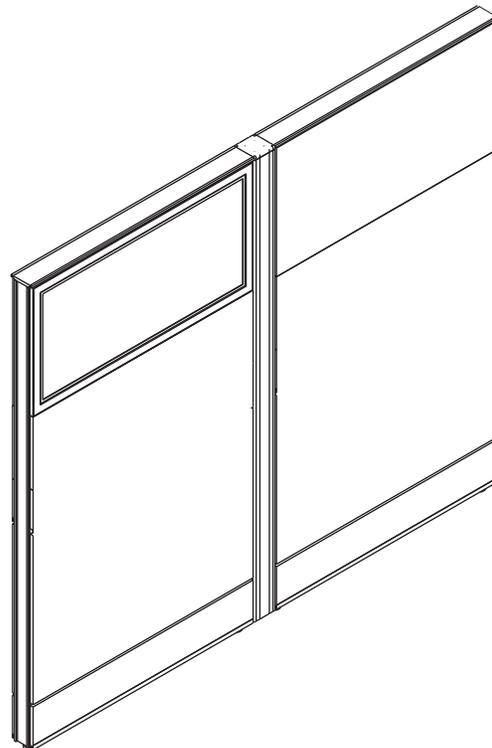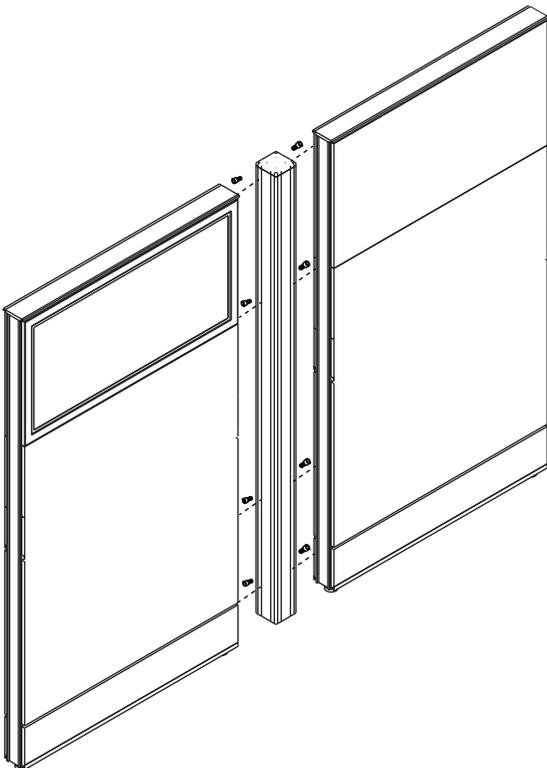
2 Way and End Cap
Tile Installation
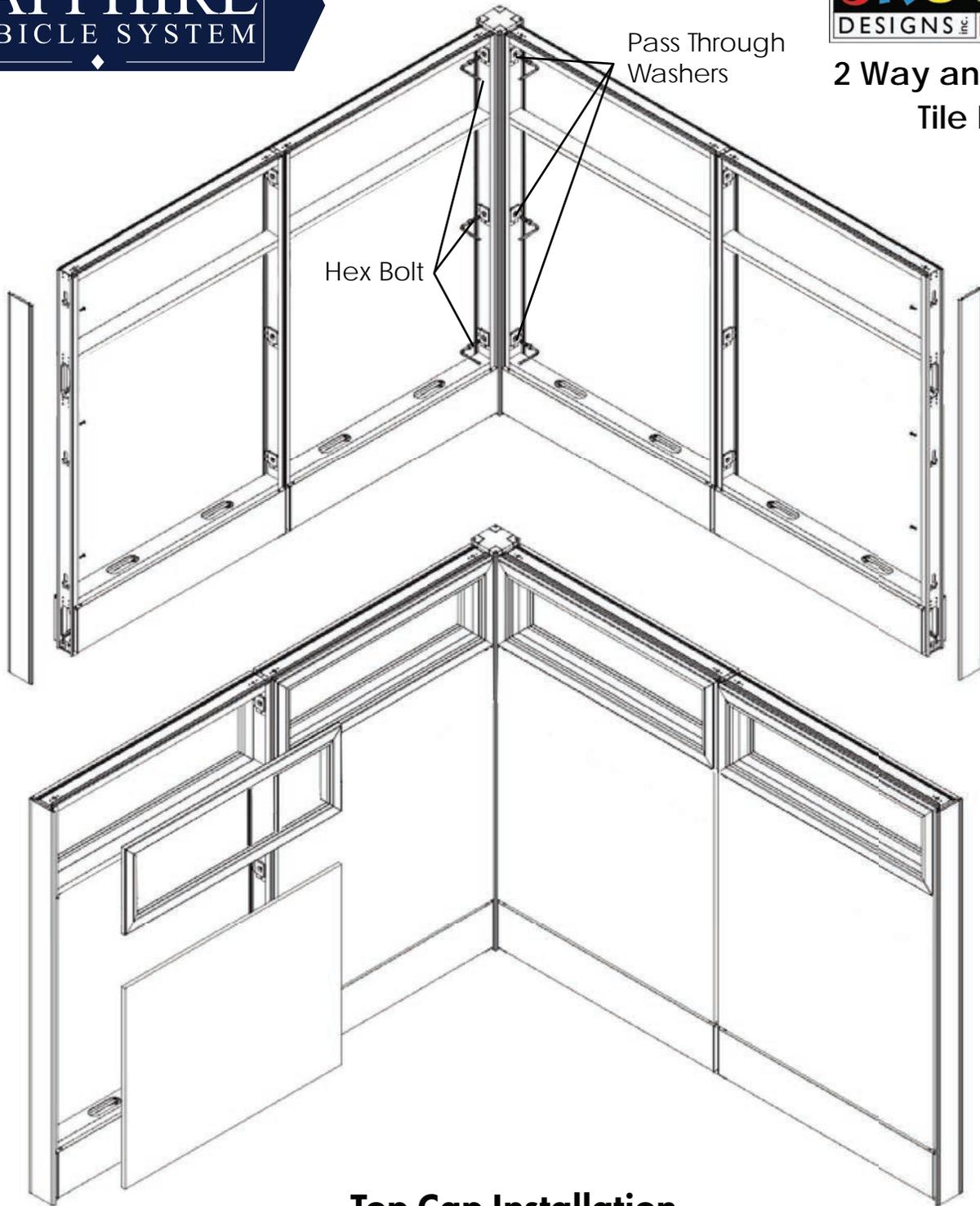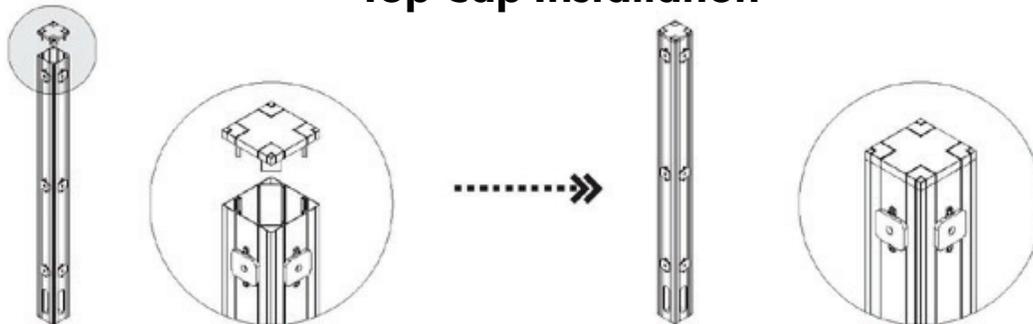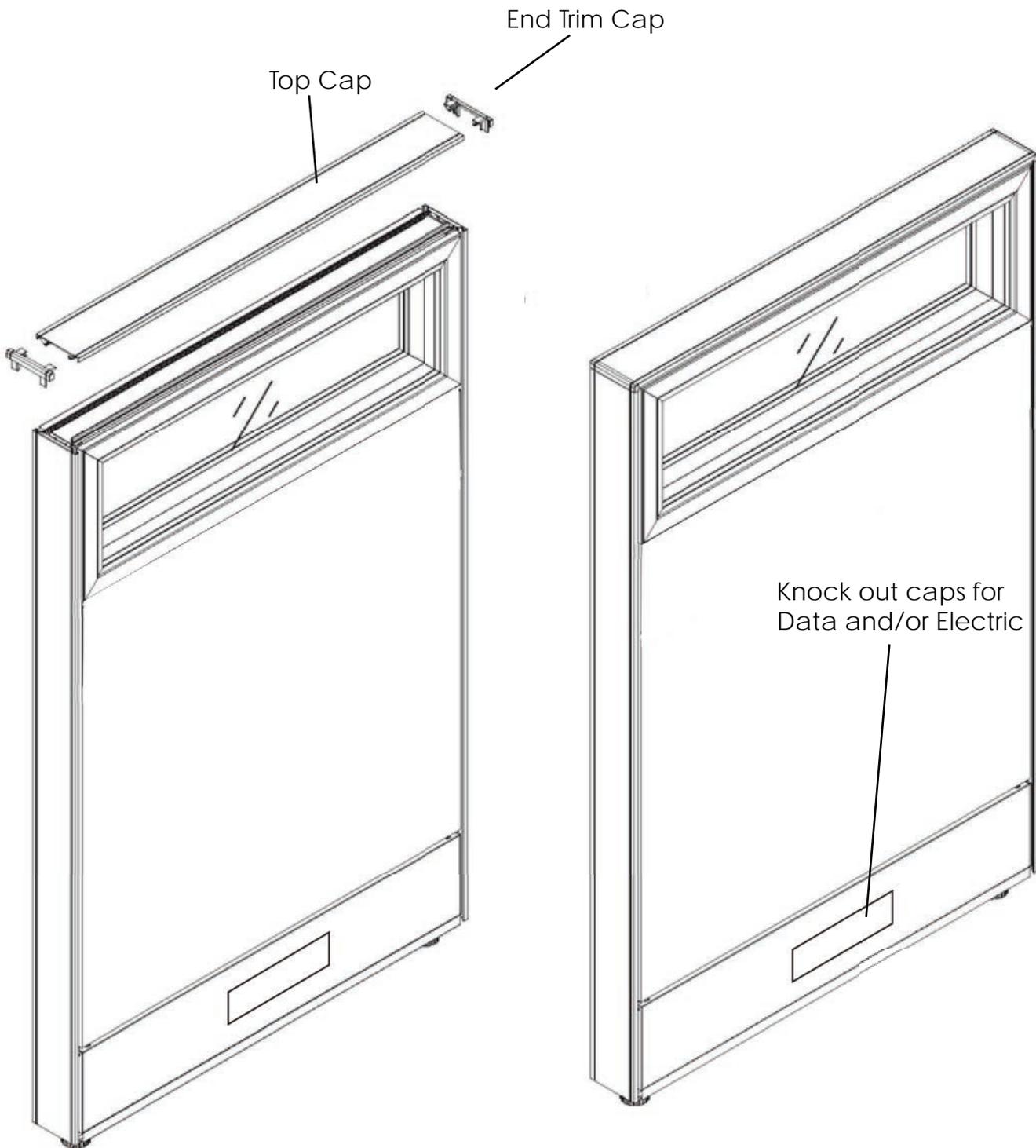
Pass Through
Washers

Hex Bolt

Top Cap Installation

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End Trim Cap

Top Cap

Knock out caps for
Data and/or Electric

View Installation video here:

https://youtu.be/Y46BAsA6IGY

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Double Cantilever

Flat Bracket(s)

28"

28"

*Cantilevers are installed 28" from the ground

Left Cantilever

Corner Worksurface Support Bracket

Right Cantilever

Box Leg with Support

Box/Box/File Pedestal

View Installation video here:

https://youtu.be/3lKgamg6QFQ
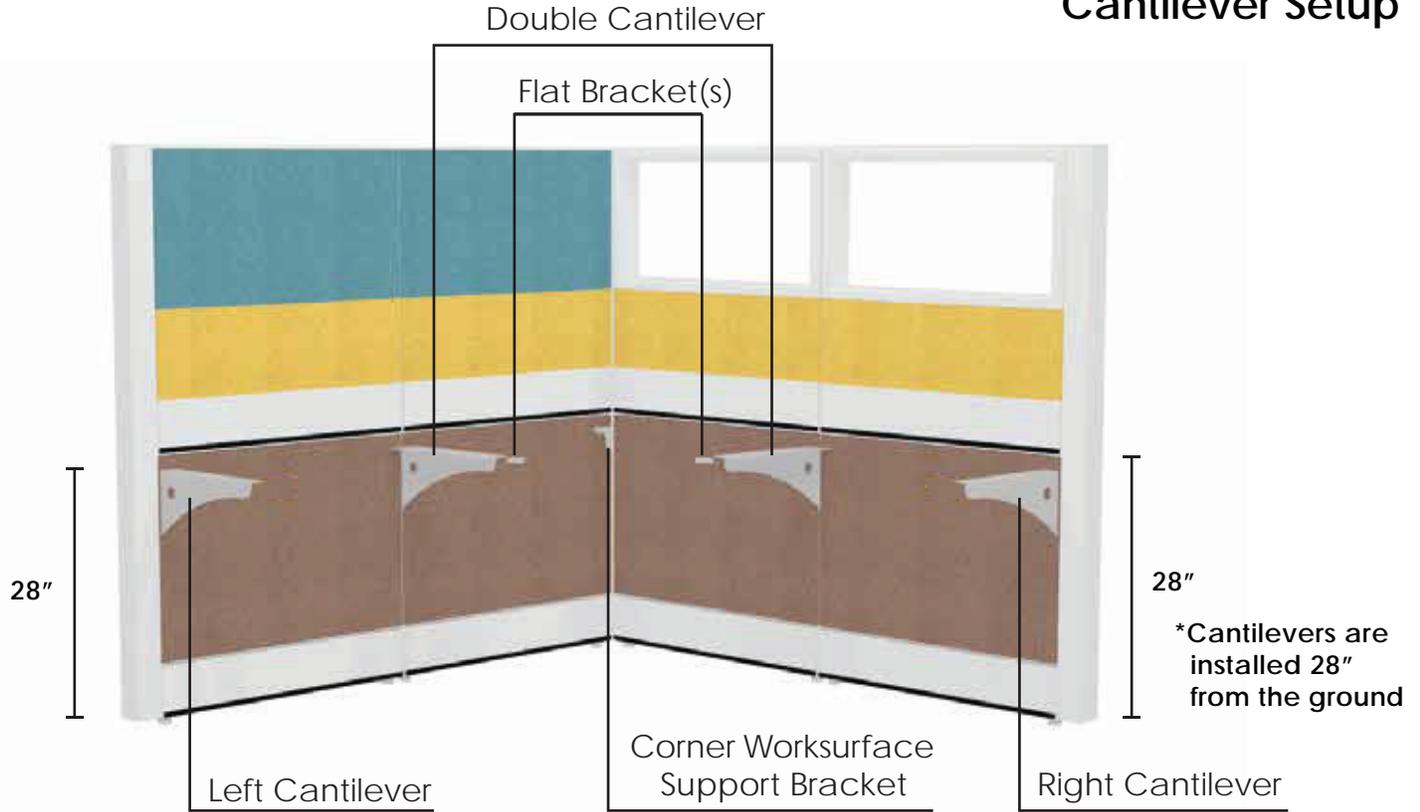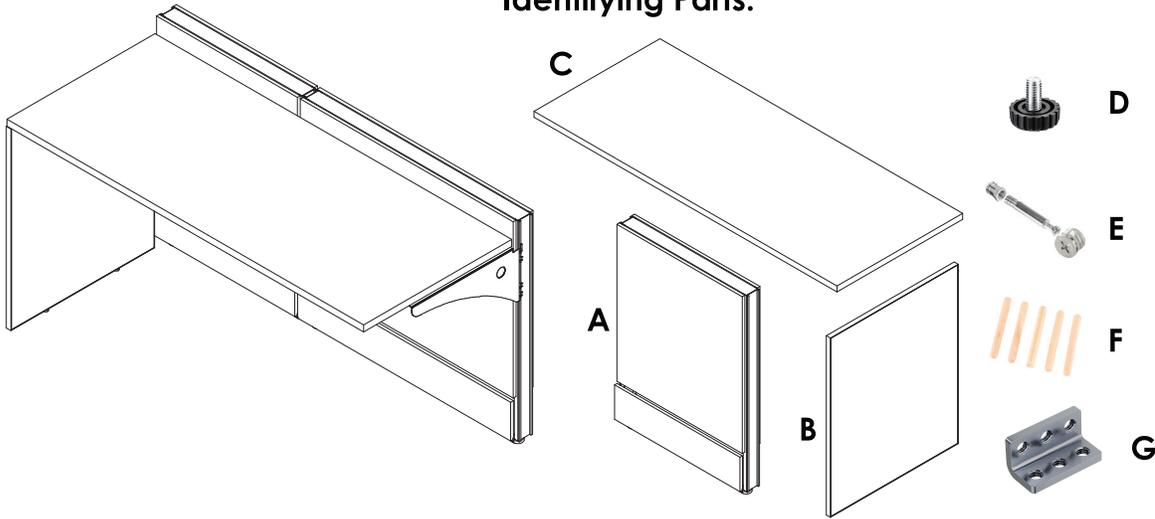
The panel top caps are attached to the transaction tops.
1. Snap the top cap/transaction top to the panel
2. Screw in the L Brackets as shown
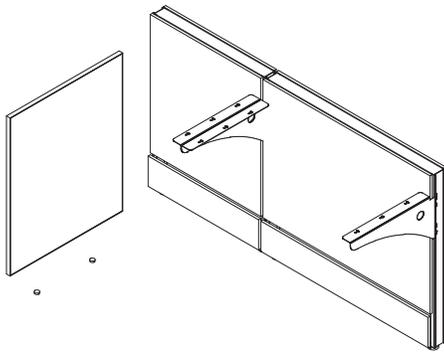
**Transaction Top
Cantilevers
(L-Brackets)**

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Identifying Parts:

C

D

A

E

F

B

G

Key:

A= Panel
B= Leg Support
C= Top
D= Feet
E= Cam Lock
F= Dowel
G= L-Bracket

*Parts are connected using cam locks and wooden dowels. The amount of cam locks and wooden dowels will vary based on planter size.
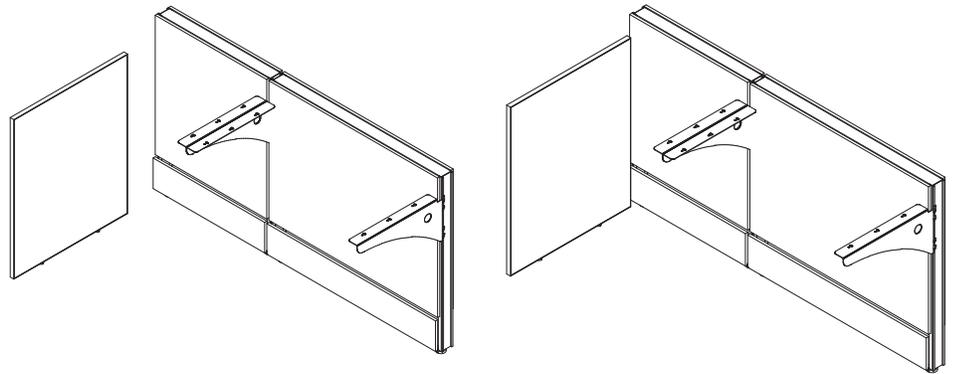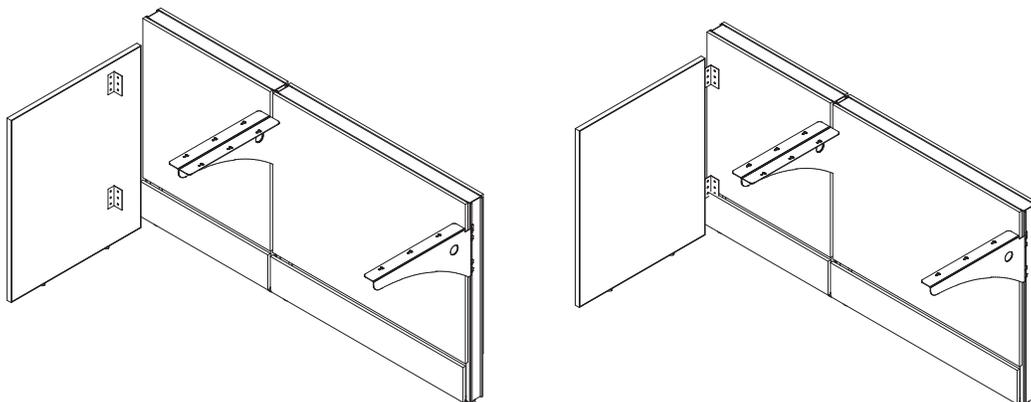
Step 1:
Add Feet to Large Side Wall B

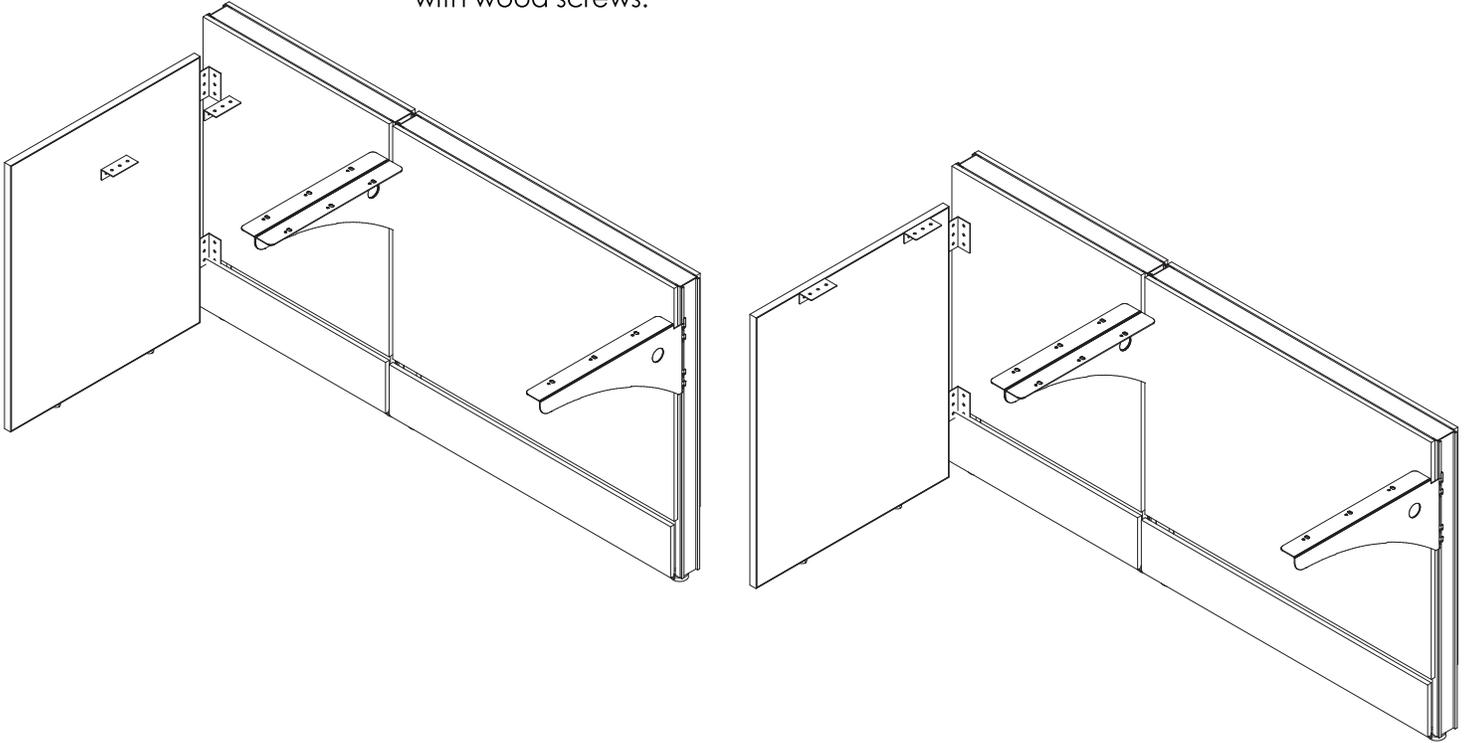## Step 2:
Line up Leg Support to existing Emerald System panel

Step 3:
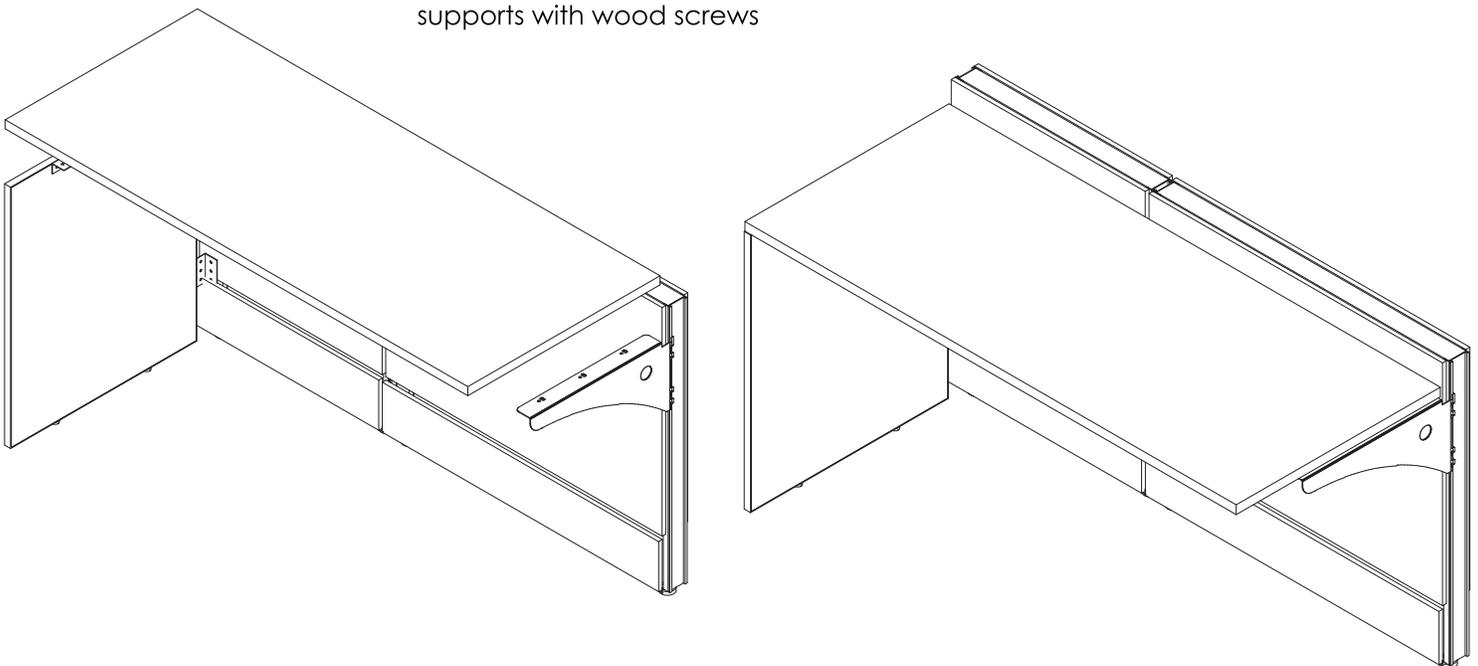Using L- bracket, connect leg to existing Emerals System with wood screws.

Step 3:
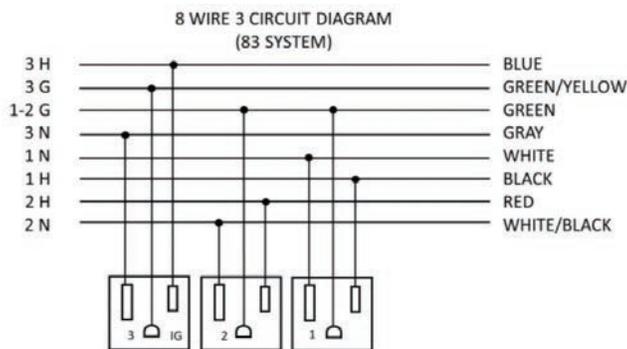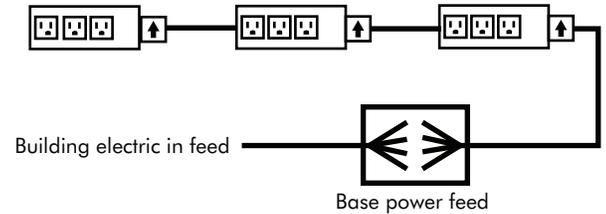Using L- bracket, connect leg to existing Emerals System
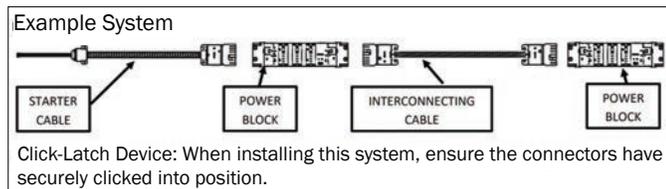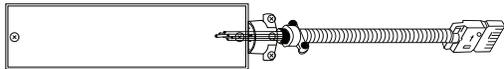with wood screws.

Step 4:
Attach Worksurface to leg
supports with wood screws

⚠ **FINAL CONNECTION IS DONE BY A LICENSED ELECTRICIAN**

WARNING: Risk of fire or electric shock. As with all non-directional systems, do not electrically connect panel to more than one supply source. Always determine that the panel is electrically connected to one and only one source of supply. Before using any equipment, check the entire system for polarity, continuity, and grounding integrity.

Building electric in feed

Base power feed

Example System

STARTER CABLE — POWER BLOCK — INTERCONNECTING CABLE — POWER BLOCK

Click-Latch Device: When installing this system, ensure the connectors have securely clicked into position.

8 WIRE 3 CIRCUIT DIAGRAM (83 SYSTEM)

|	
3 H	BLUE
3 G	GREEN/YELLOW
1-2 G	GREEN
3 N	GRAY
1 N	WHITE
1 H	BLACK
2 H	RED
2 N	WHITE/BLACK

3   IG   2   1

Power Supply Connection

The Power System is an eight wire system consisting of four individual circuits rated at 20 amps/120 volts maximum. Circuit 1 (black), circuit 2 (red), and circuit 4 (pink), are served by a system neutral (white) and an equpiment ground (green). Circuit 3 (blue) uses an isolated neutral (gray), and an isolated ground (green/yellow). The system may be supplied by a three phase power system with four individual circuits rated 20 amps/120 volts maximum, or as perimtted by local code.

When connecting electric pass throughs to power moduals, please make sure ARROW is up
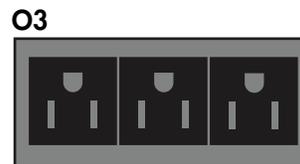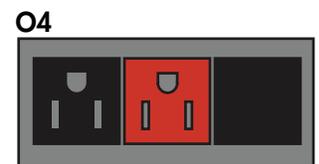
Outlet Layout Options
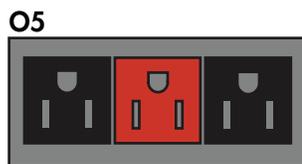
O1
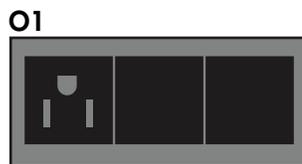
OUTLET - BLANK - BLANK

O2
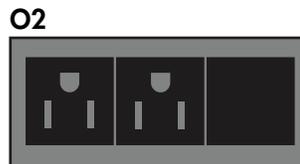
OUTLET - OUTLET - BLANK

O3

OUTLET - OUTLET - OUTLET

O4

OUTLET - DEDICATED* - BLANK

O5

OUTLET - DEDICATED* - OUTLET

O6
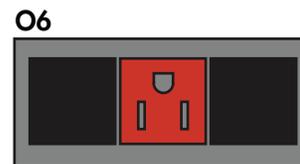
BLANK - DEDICATED* - BLANK

*__PLEASE NOTE:__ Orange is used to represent the dedicated outlet. The actual color of the outlet is **black.**

EMERALD Cubicles come with style #225 Outlets.
SAPPHIRE Cubicles come with style #325 Outlets.

DM1

CAT 6 - Blank - Blank - Blank

DM2

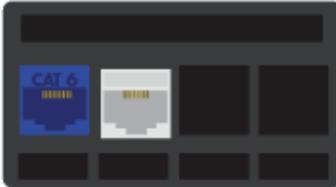CAT 6 - CAT 6 - Blank - Blank

DM3

CAT 6 - CAT 6 - CAT 6 - Blank

DM4

CAT 6 - CAT 6 - CAT 6 - CAT 6

DM5

CAT 6 - Phone Jack - Blank - Blank

DM6

CAT 6 - CAT 6 - Phone Jack - Blank

DM7

CAT 6 - CAT 6 - CAT 6 - Phone Jack

All Modules can be customized to customers specifications. Please call to review options with one of our sales representatives. Color of jacks may vary.