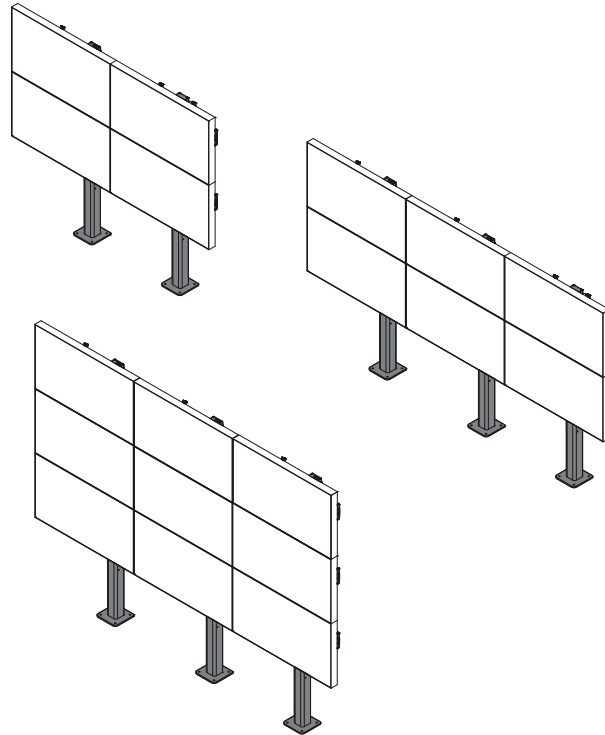


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# INSTALLATION INSTRUCTIONS

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## Modular Bolt Down Video Wall Columns

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## DISCLAIMER

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## DEFINITIONS

**MOUNTING SYSTEM:** A MOUNTING SYSTEM is the primary Chief product to which an accessory and/or component is attached.

**ACCESSORY:** AN ACCESSORY is the secondary Chief product which is attached to a primary Chief product, and may have a component attached or setting on it.

**COMPONENT:** A COMPONENT is an audiovisual item designed to be attached or resting on an accessory or mounting system such as a video camera, CPU, screen, display, projector, etc.



**WARNING:** A WARNING alerts you to the possibility of serious injury or death if you do not follow the instructions.



**CAUTION:** A CAUTION alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.



## IMPORTANT SAFETY INSTRUCTIONS



**WARNING:** Failure to read, thoroughly understand, and follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty! It is the installer's responsibility to make sure all components are properly assembled and installed using the instructions provided.



**WARNING:** Failure to provide adequate structural strength for this component can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the structure to which this component is attached can support five times the combined weight of all equipment. Reinforce the structure as required before installing the component.



**WARNING:** Do NOT stack multiple accessories on the same display wall! Do NOT connect wall add-on accessories to FMSFC columns that are already three display high. Display mounts may NOT be stacked higher than three displays high on non-portrait models! Portrait versions may NOT be stacked higher than two displays high!



**WARNING:** Exceeding the weight capacity can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the combined weight of all components attached to mounting system does not exceed the weight capacity listed in the **LBM Modular Systems installation instructions**.



**WARNING:** Do NOT install FMSFC column mounts to any surface other than concrete! Concrete flooring must be at least 4" in thickness and NOT be covered with any other type of flooring material. Concrete anchors must be installed directly into concrete surface.



**WARNING:** Use this mounting system only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.



**WARNING:** Never operate this mounting system if it is damaged. Return the mounting system to a service center for examination and repair.

**NOTE:** Refer to UL Listed accessories manuals for installation instructions.

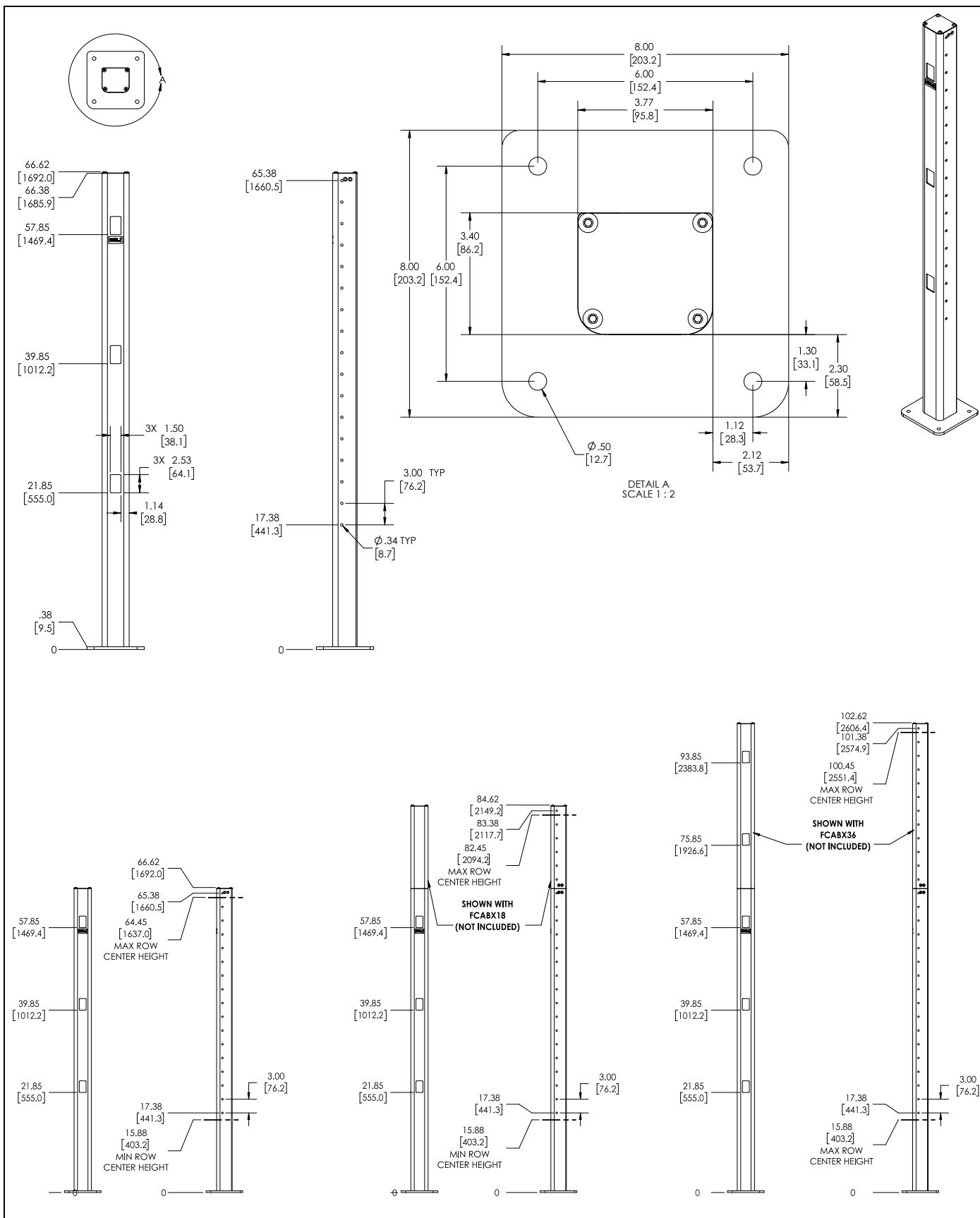
**NOTE:** The LBM Series video walls have no user serviceable parts.



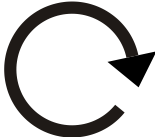

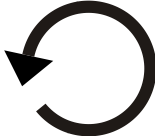









**WARNING:** Do not use this product outdoors.

**--SAVE THESE INSTRUCTIONS--**

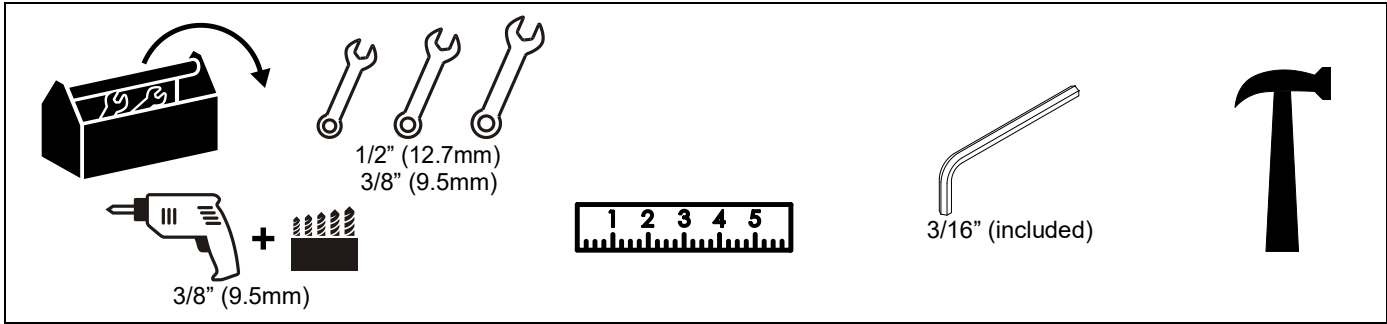
# DIMENSIONS



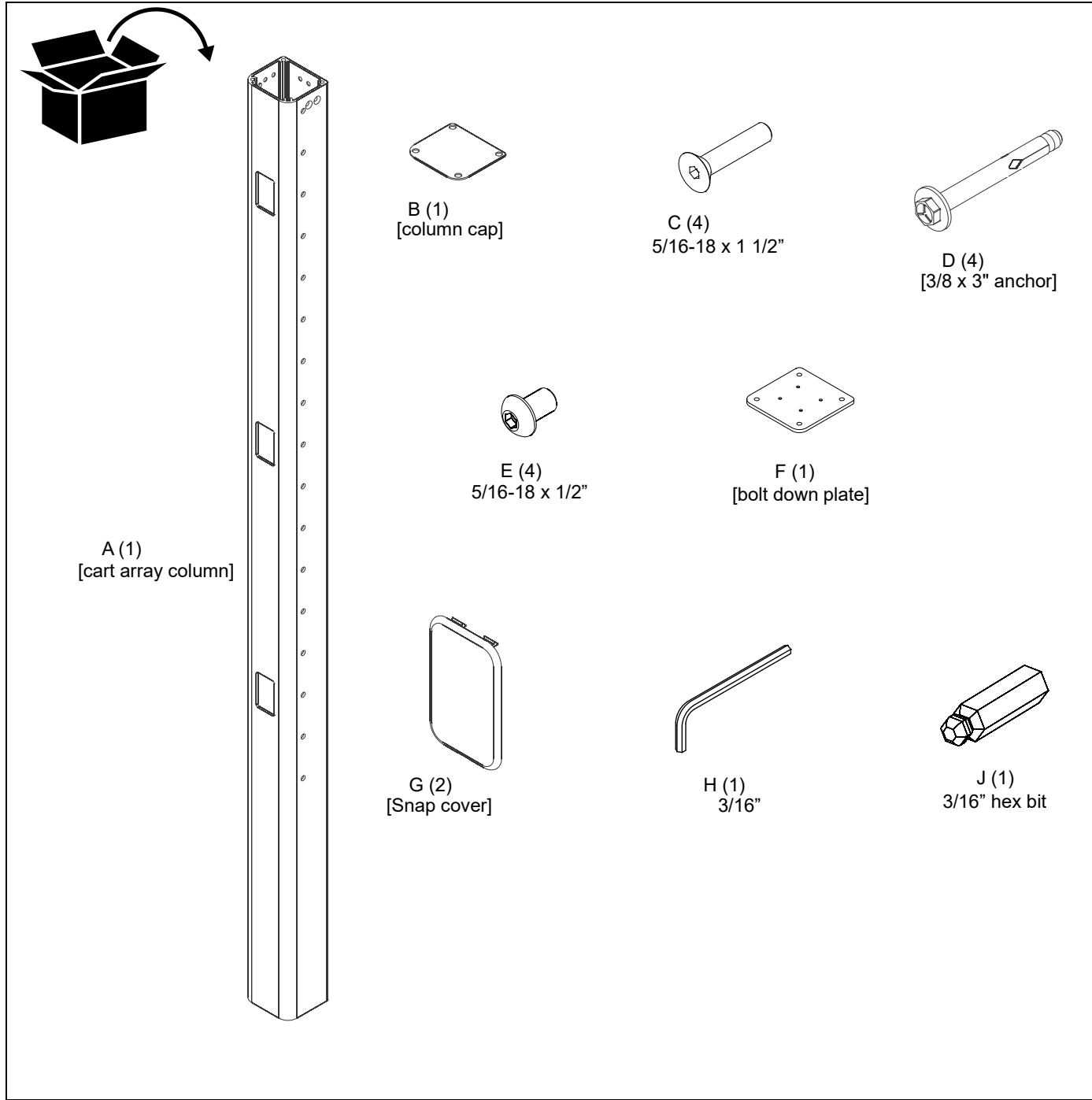
## LEGEND

	<b>Tighten Fastener</b> Apretar elemento de fijación Befestigungsteil festziehen Apertar fixador Serrare il fissaggio Bevestiging vastdraaien Serrez les fixations		<b>Pencil Mark</b> Marcar con lápiz Stiftmarkierung Marcar com lápis Segno a matita Potloodmerkteken Marquage au crayon
	<b>Loosen Fastener</b> Aflojar elemento de fijación Befestigungsteil lösen Desapertar fixador Allentare il fissaggio Bevestiging losdraaien Desserrez les fixations		<b>Drill Hole</b> Perforar Bohrloch Fazer furo Praticare un foro Gat boren Percez un trou
	<b>Phillips Screwdriver</b> Destornillador Phillips Kreuzschlitzschraubendreher Chave de fendas Phillips Cacciavite a stella Kruiskopschroevendraaier Tournevis à pointe cruciforme		<b>Adjust</b> Ajustar Einstellen Ajustar Regolare Afstellen Ajuster
	<b>Open-Ended Wrench</b> Llave de boca Gabelschlüssel Chave de bocas Chiave a punte aperte Steeksleutel Clé à fourche		<b>Remove</b> Quitar Entfernen Remover Rimuovere Verwijderen Retirez
	<b>By Hand</b> A mano Von Hand Com a mão A mano Met de hand À la main		<b>Optional</b> Opcional Optional Opcional Opzionale Optie En option
	<b>Hex-Head Wrench</b> Llave de cabeza hexagonal Sechskantschlüssel Chave de cabeça sextavada Chiave esagonale Zeskantsleutel Clé à tête hexagonale		<b>Security Wrench</b> Llave de seguridad Sicherheitsschlüssel Chave de segurança Chiave di sicurezza Veiligheidssleutel Clé de sécurité

**TOOLS REQUIRED FOR INSTALLATION**



**PARTS**



## Assembly And Installation

### Bolt Down Columns to Floor

1. Lay array column (A) down on a flat surface.
2. Use four 5/16-18 x 1 1/2" flat head cap screws (C) to connect each bolt down plate (F) to each columns (A). (See Figure 1)

**IMPORTANT !** : Inside bolt pattern is NOT square!  
Corners of front of plate have larger radii than corners on back of plate. Plate must be properly aligned in order to attach to column.

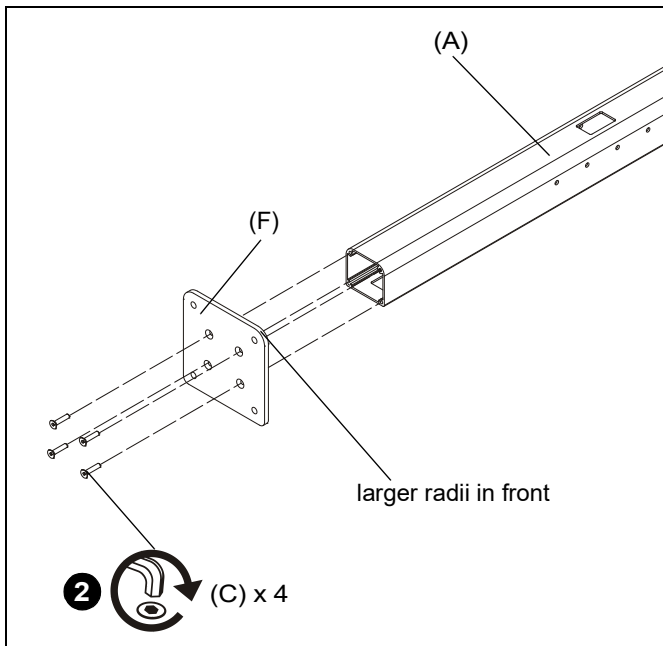


Figure 1

3. Using bolt down plate (F) as template, mark four holes at outside hole locations for each column. (See Figure 2)

**WARNING:** Do NOT install LBM Series mounts to any surface other than concrete! Concrete flooring must be at least 4" in thickness and NOT be covered with any other type of flooring material. Concrete anchors must be installed directly into concrete surface.

**IMPORTANT !** : See Bolt Down Dimensions on page 3 to measure distances between each bolt down plate.

**IMPORTANT !** : Make sure columns will be installed far enough away from any walls so that displays may be installed.

4. Using a 3/8" drill bit, drill a hole 3 1/2" in depth at each marked location. (See Figure 2) and (See Figure 3)
5. Blow each hole clean of any concrete debris with a large air hose or compressed air in a can. (See Figure 3)

**IMPORTANT !** : Do NOT modify the anchors or advance the bolt in the anchors prior to installation!

6. Place each bolt down plate (F) on top of drilled holes making sure holes on plate are aligned with drilled holes. (See Figure 3)

7. Use a hammer to drive anchors (D) through plate holes into the drilled holes until the bolt head is firmly seated against the plate. (See Figure 2) and (See Figure 3)
8. Tighten each anchor by turning the head three to four turns past finger tight. (See Figure 3)

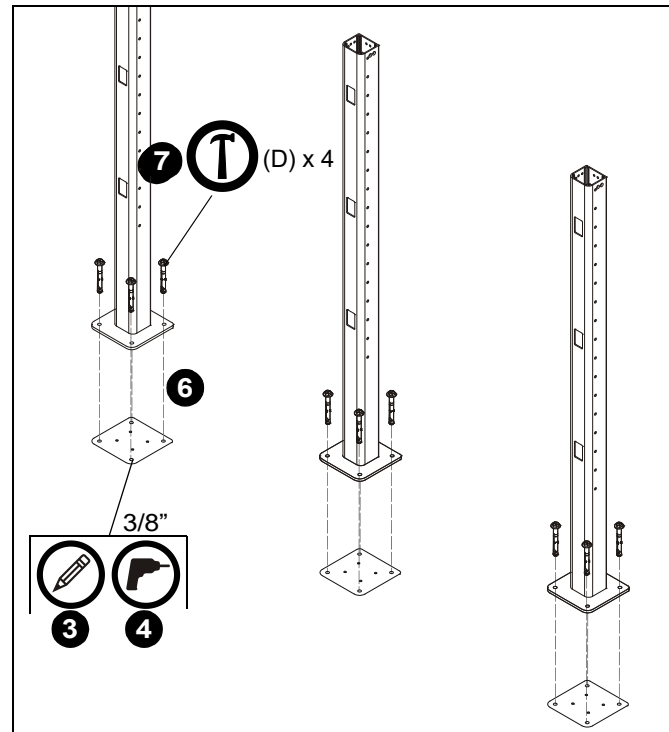


Figure 2

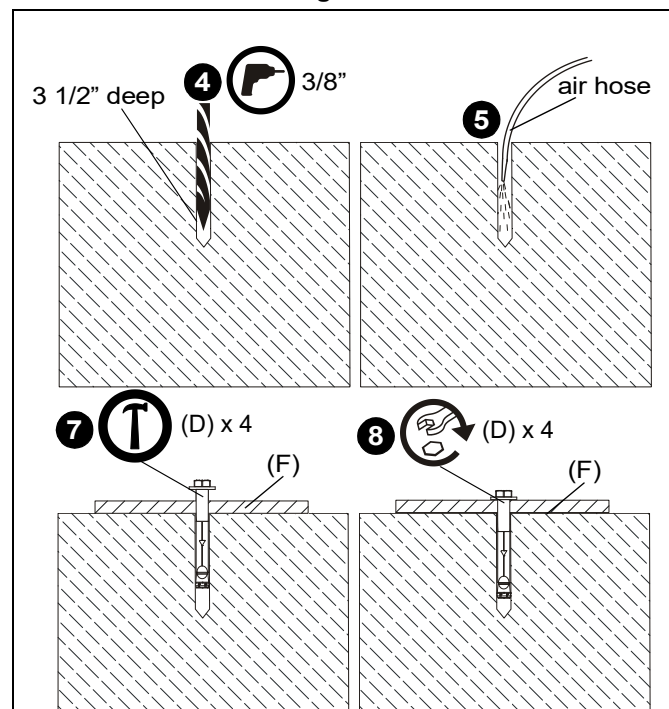


Figure 3

9. Repeat Steps 4-8 for additional column(s).

## Column Cap Installation

**NOTE:** If the top holes on columns will be used for cable management, do NOT install column caps to columns as illustrated below. See Cable Management section for details.

1. Use four 5/16-18 x 1/2" button head cap screws (E) to install each column cap (B) to each column. (See Figure 4)

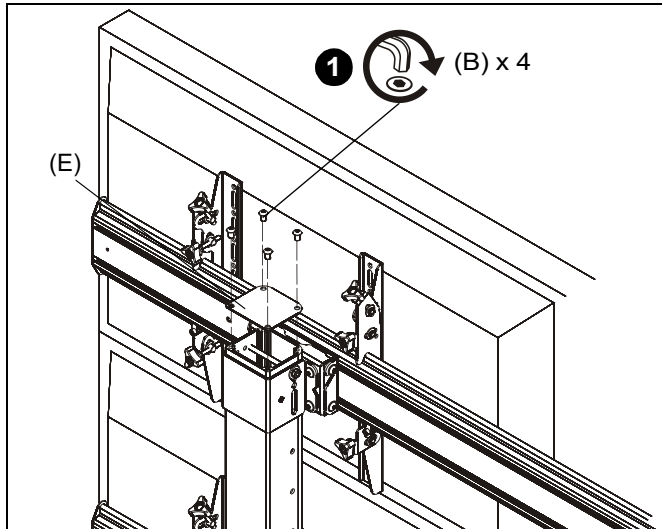


Figure 4

## Cable Management

1. Route cables from displays through nearest holes on front of columns and out through back cable management hole. (See Figure 5)

**NOTE:** For best access, route display cables through columns prior to display installation.

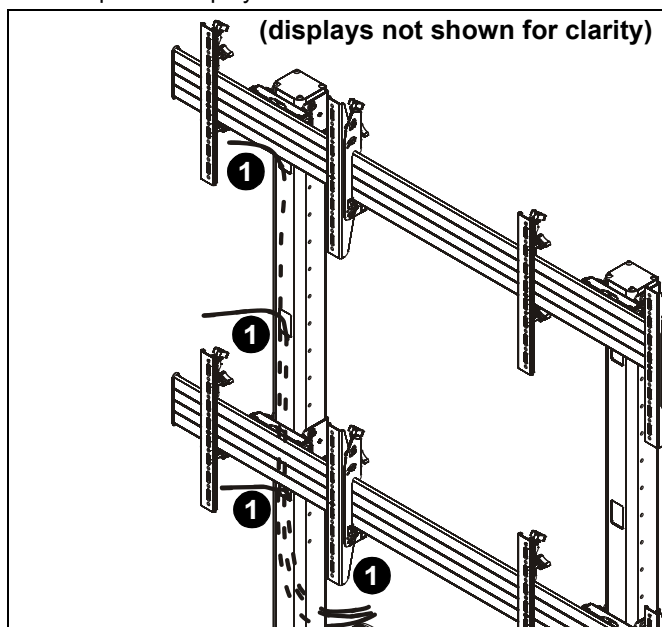


Figure 5

## Additional Cable Management Options

2. Cables may be routed through tops of columns and out through the back cable management hole. (See Figure 6)

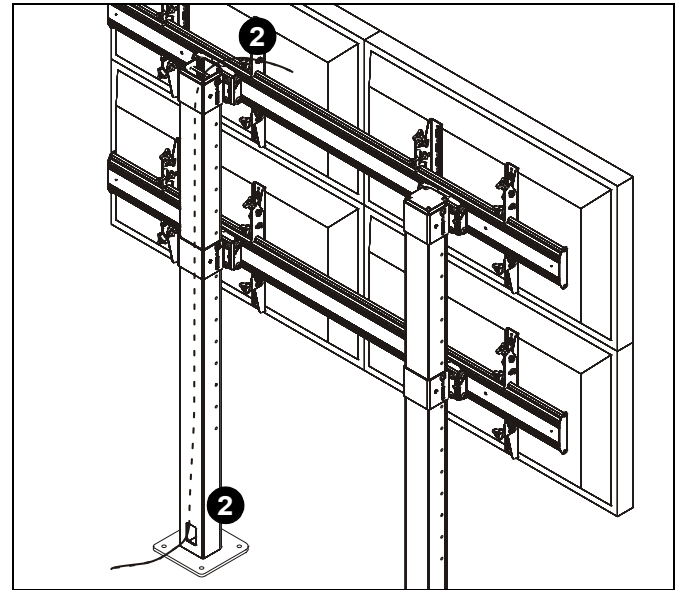


Figure 6

3. If rails needed to be installed on top of cable management holes, cables may be routed through quick connect bases prior to the rails being installed. (See Figure 7)
4. Install rails according to Rails Installation section making sure cable is routed through cable opening on quick connect base (Q). (See Figure 7)

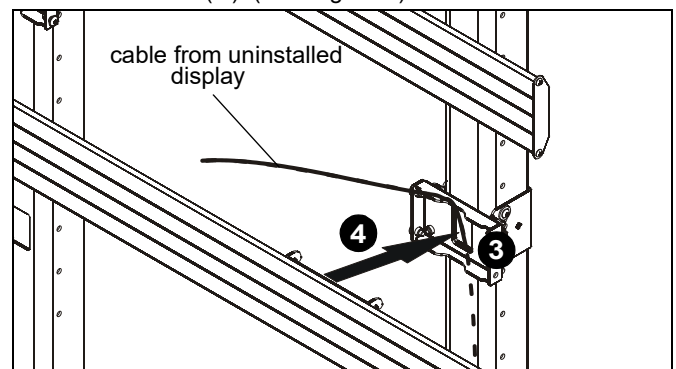


Figure 7

5. For any cable management holes that are not used, snap covers (G) may be used to cover holes as desired. (See Figure 8)

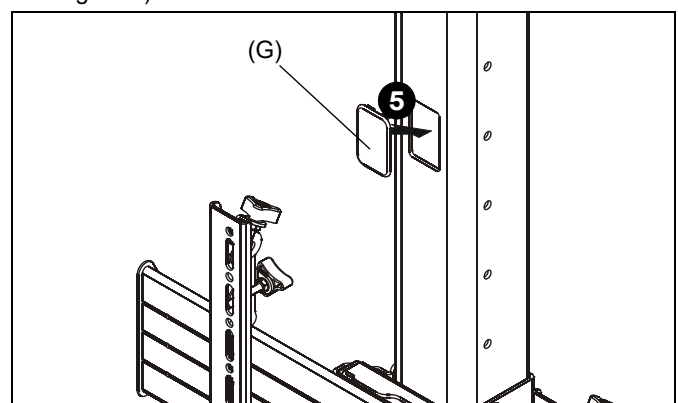


Figure 8



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