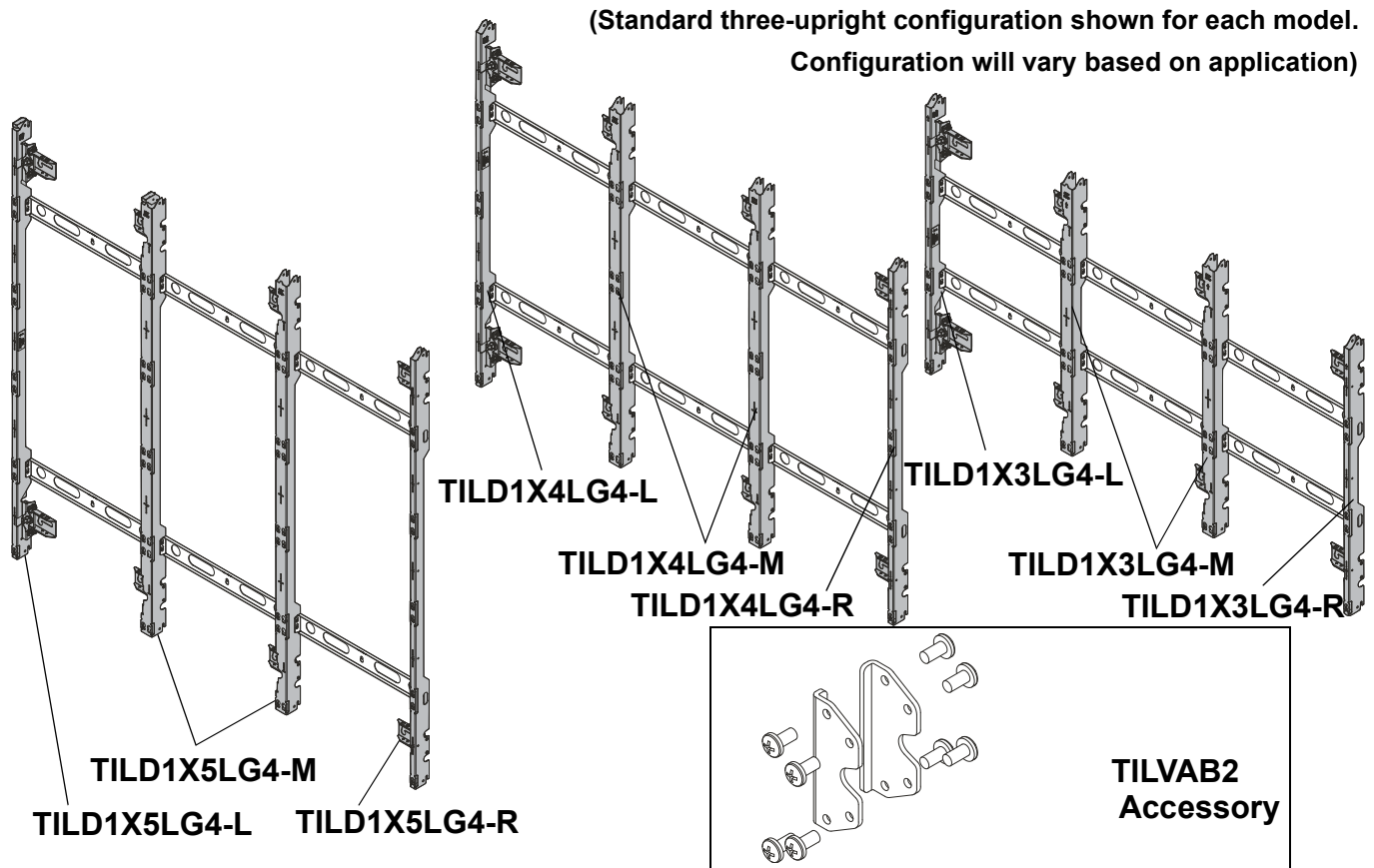


# INSTALLATION INSTRUCTIONS



## LG4 Series LED Wall Mounts / Accessory

**CHIEF®**  
A brand of **legrand®**

**TILD1X3LG4 / TILD1X4LG4 /  
TILD1X5LG4 / TILVAB2**

## 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



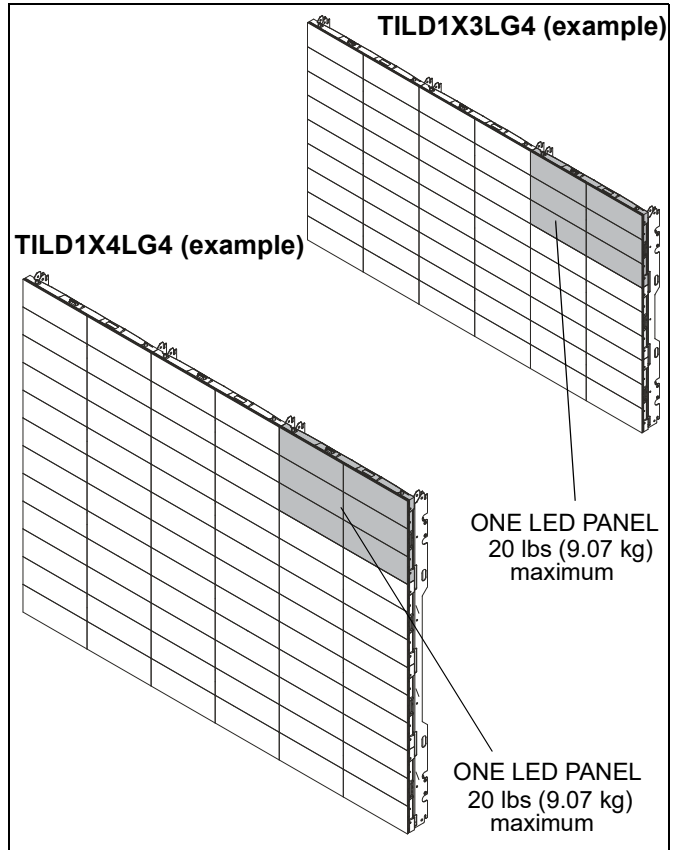
**WARNING:** Failure to read, thoroughly understand, and follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty! It is the installer's responsibility to make sure all mounting systems are properly assembled and installed using the instructions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



**WARNING:** Failure to provide adequate structural strength for this mounting system can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the structure to which this mounting system is attached can support five times the combined weight of all equipment. Reinforce the structure as required before installing the mounting system. The wall to which the mounting system is being attached may have a maximum drywall thickness of 5/8" (1.6cm). Do not install drywall anchors into the seam between drywall pieces.



**WARNING:** The TILD1X3LG4 / TILD1X4LG4 / TILD1X5LG4 LED wall mounts are designed for use with LED panels only. Exceeding the weight capacity (listed) can result in serious personal injury or damage to equipment! Do NOT attach LED panels to TILD1X3LG4 / TILD1X4LG4 / TILD1X5LG4 LED video wall mounts that exceed 20 lbs (9.07 kg) regardless of the size or design of the configuration. See figure below for examples.



**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.



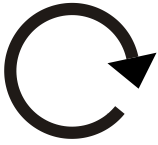

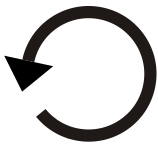









**WARNING:** Do not use this mounting system outdoors.

**IMPORTANT ! :** The TILD1X3LG4 / TILD1X4LG4 / TILD1X5LG4 LED wall mounts are designed to be mounted to:

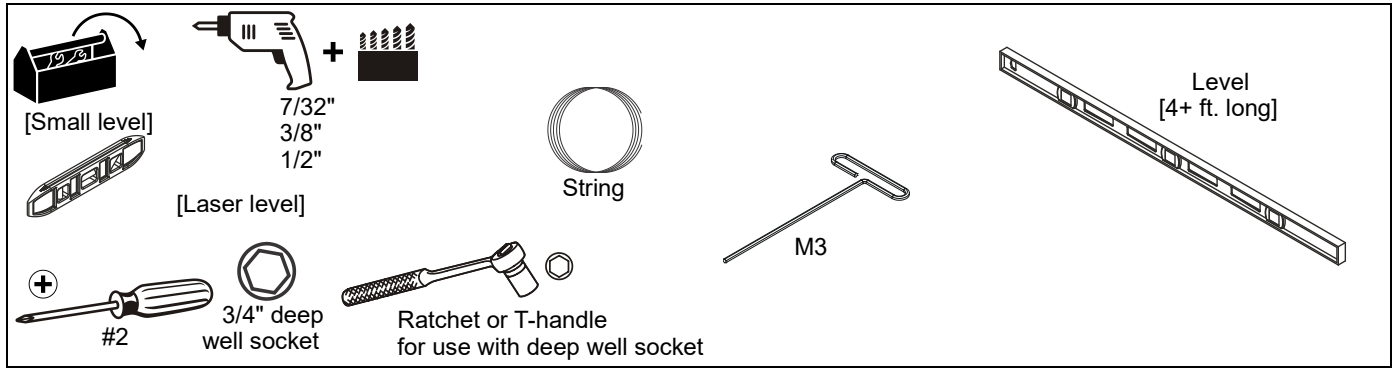
- a bare 8" concrete or 8"x8"x16" concrete block wall; or
- a 3/4" thickness plywood-backed, 2" x 4" wood studs (16" on center minimum) wall with a maximum drywall thickness of 5/8"; or
- a 3/4" thickness plywood-backed, steel stud wall covered with drywall having a maximum thickness of 5/8".

**--SAVE THESE INSTRUCTIONS--**

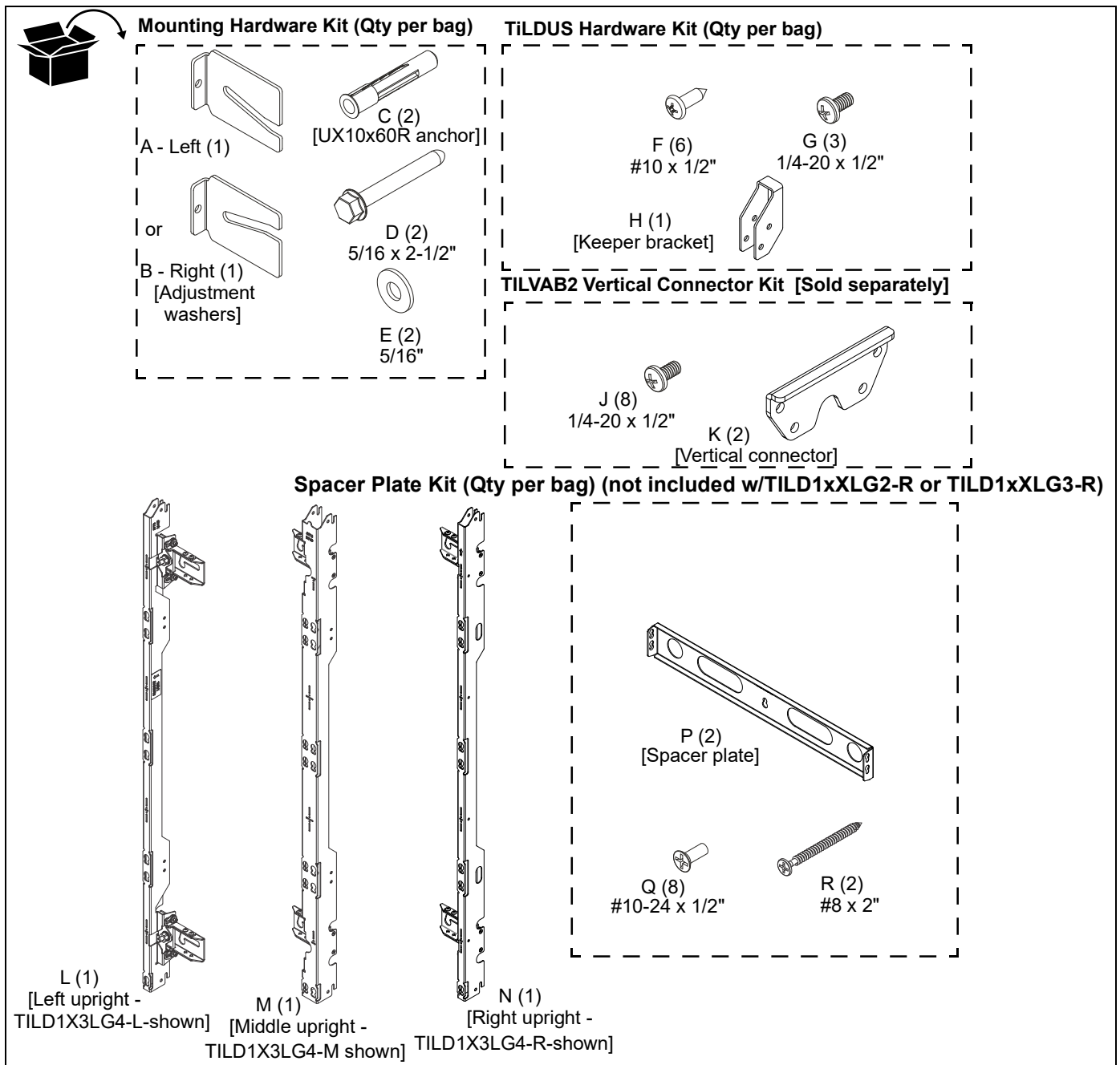
**LEGEND**

	<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 Potloodmerkten 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





## INSTALLATION

### Preinstallation

**IMPORTANT !** : Reference the LED screen installation manual for specific instructions regarding care, handling, cabling and installation of the LED screens.



**CAUTION:** Handle the LED screens with care, being careful to not impact or drop the LED screen.



**CAUTION:** There is a magnetic surface on the front of the LED screen. To prevent damage ensure that no metallic object is pulled onto the LED screen.

**NOTE:** When planning the installation, remember the requirement to run power and signal to the video wall.

### Site Assessment

Before beginning any installation the site should be assessed in several areas to help avoid any issues during the actual installation.

- **Wall Structure** - It is recommended that a 3/4" furniture-grade plywood-backed wall be used in most LED video walls. The use of a wood stud wall is not appropriate since the studs won't be in the proper location for an LED video wall.
- **Wall High/Low Points** - Locate any high or low points on the wall that may cause problems, and try to set up install so that these points can be avoided, if possible.
- **Flatness/Plumb of Wall** - Learn how much depth adjustment will be needed across the LED video wall mounting area.
- **Power/Cable** - Locate all power outlets and cable access holes that need to be cleared by the installation. Plan appropriately for those holes.
- **Installing in a Recess** - Verify the level and squareness of the recessed area. Since these areas are rarely perfect you may need to decide what to use as a reference point.
  - The recess top or bottom may not be level so the video wall may need to be installed to align with the recess, rather than being level with the wall.
  - If the recess is not square the sides may make the recess look crooked. If possible, the recess should be fixed. If repairing the recess isn't an option it may be best to "split the difference" between the recess sides to make the video wall appear level.
- **Where to Begin the Video Wall** - The installer should make the decision whether the video wall will be started at the top, bottom, left, right or center.
  - If a lower bottom reference is given in the specifications, it may make sense to start at the bottom of the video wall to ensure that this specification is met from the start of installation.
  - If building inside of a recess, it may be easier to start in the center of the space since the video wall will most likely need to be centered within the recess.
- **Vertical Connector Brackets** - If creating a video wall with more than a single row, you will be using the vertical connectors which are sold separately.
  - **Vertical Connector Brackets [sold separately]** If the video wall requires multiple rows, decide on whether the installation will start with the top or

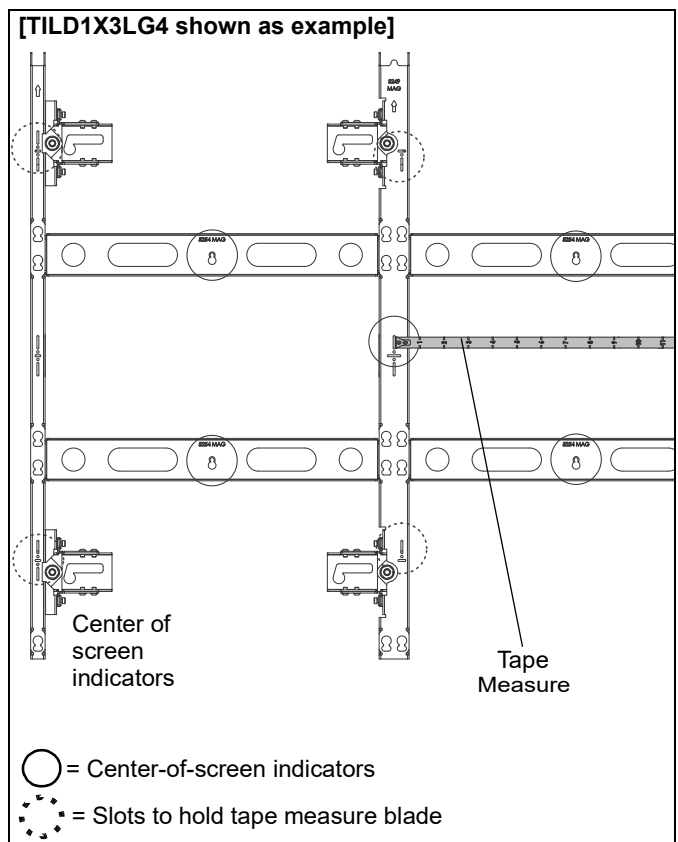
bottom row. This determines to which end (top or bottom) the vertical connector brackets are attached.



**Just a tip** - For larger LED walls it is helpful to check placement and alignment of the mounts by putting a few cabinets without the LED's in place in the bottom row of the installed mounts (referencing the LED screen installation manual for specific instructions) during the mount installation, verifying that everything is staying aligned and level, and then continuing the mount installation.



**Just a tip** - The horizontal slots located along the vertical mount pieces (and vertical slots located along the horizontal mount pieces) are the center-of-screen indicators to illustrate where the center of each LED screen will be located, and can be used to hold a tape measure tab while measuring. (See Figure 1)



**Figure 1**

## Determining Installation Site

**IMPORTANT !** : The top of the LED screen is 5.75" above the center line of the mounting lags in the upper mounting slots. (See Figure 2)

**IMPORTANT !** : The bottom of the LED screen is 6.25" below the center line of the mounting lags in the lowest mounting slots.

**NOTE:** Refer to dimensions drawings on pages 18-22 and in Figure 2 for further details on installation locations.

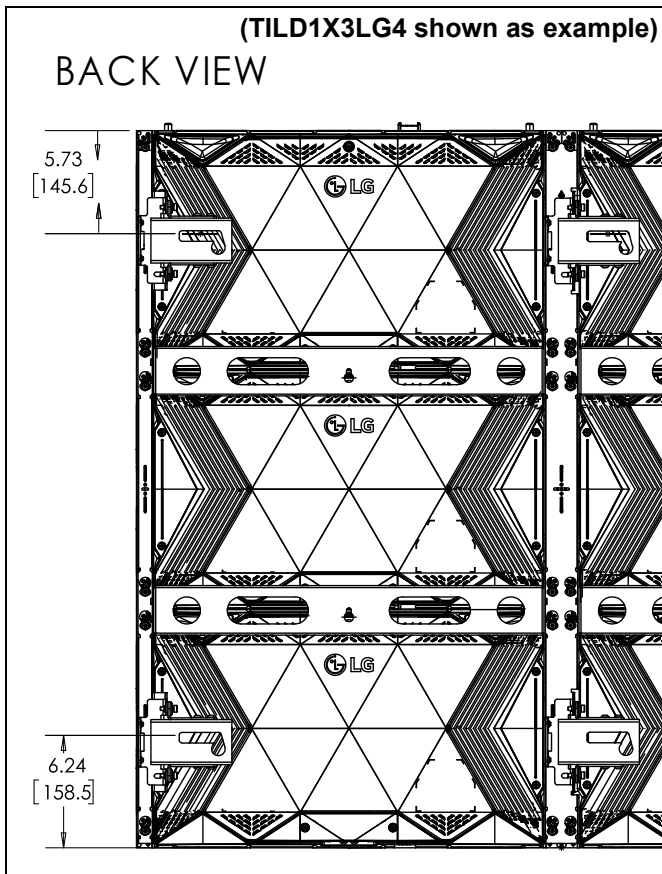


Figure 2

## Installation to Wall

**NOTE:** If desired, the mount installation may be started in the middle of the video wall, attaching mounts out from the center to the left and right ends. Installation on smaller walls may be easier if started at the left side of the video wall using the following instructions.

**IMPORTANT !** : Installation of video wall should begin with installation of the lowest row of mounts first.

1. Determine location for the **bottom left** corner of the LED wall. (See Figure 2)
2. Loosely install #10-24 x 1/2" Phillips undercut machine screws (Q) into uprights (L, M or N) that will be attached to spacer plate (P). (See Figure 3)

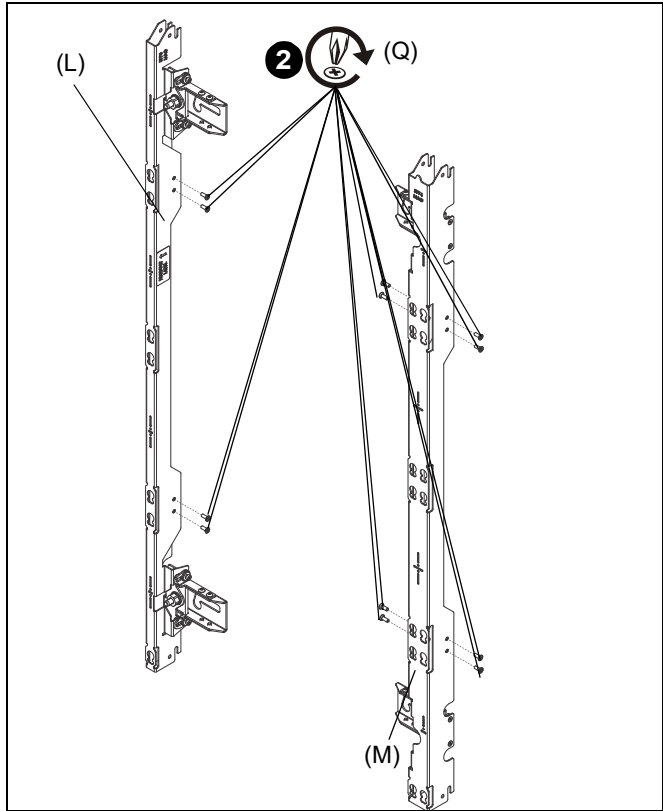


Figure 3

3. Hang spacer plates (P) onto screws loosely installed in Step 2. (See Figure 4)
4. Tighten Phillips undercut machine screws (Q) to secure left upright (L) to spacer plate (P). (See Figure 4)

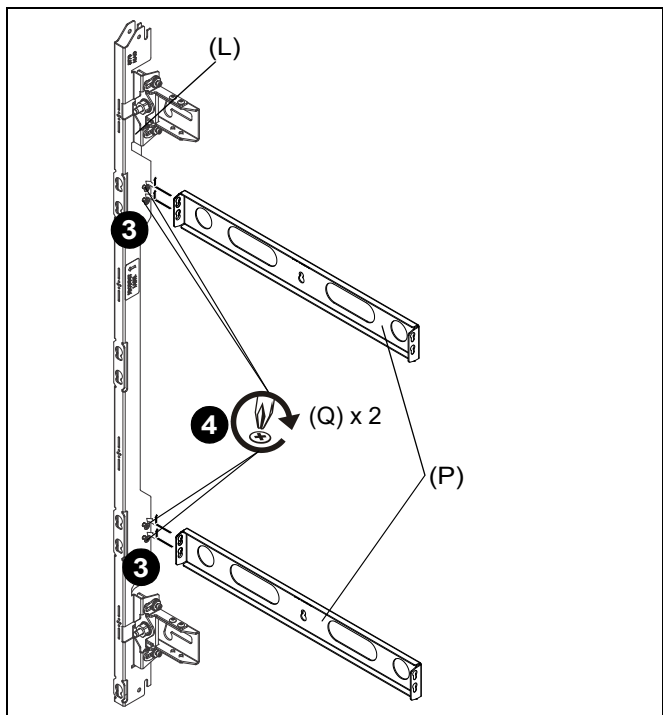


Figure 4

5. Hang middle upright (M) or right upright (N) onto side of spacer plate (P) using screws loosely installed in Step 2. (See Figure 5)
6. Tighten screws holding uprights (L, M or N) to spacer plate (P). (See Figure 5)

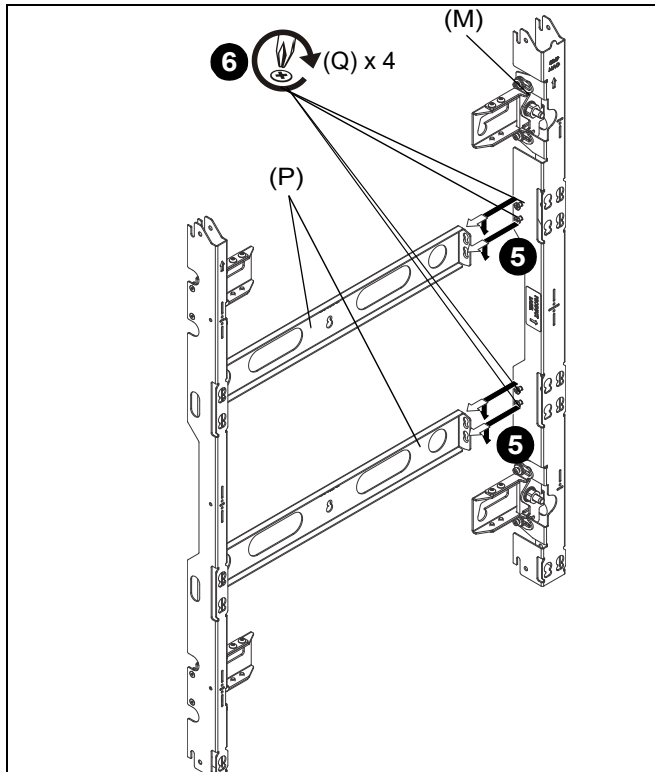


Figure 5

7. Make a mark at the centerline for the horizontal spacer brackets based on the mount height. Refer to drawings on pages 18-20 for the distance from the spacers to the bottom of the display. (See Figure 6)
8. Using a level, mark horizontal lines across width of LED wall from the marks made in Step 7. (See Figure 6)
9. Hold mount section up to wall, lining up keyhole slot with line drawn in Step 8. (See Figure 6)

**NOTE:** This line will indicate the center line for the location of the spacers used to mount the video wall uprights.

10. Use #8 x 2" Phillips drywall screw (R) to secure spacer plates (P) to wall. Use a level to make sure spacers are level before tightening screws. (See Figure 6)

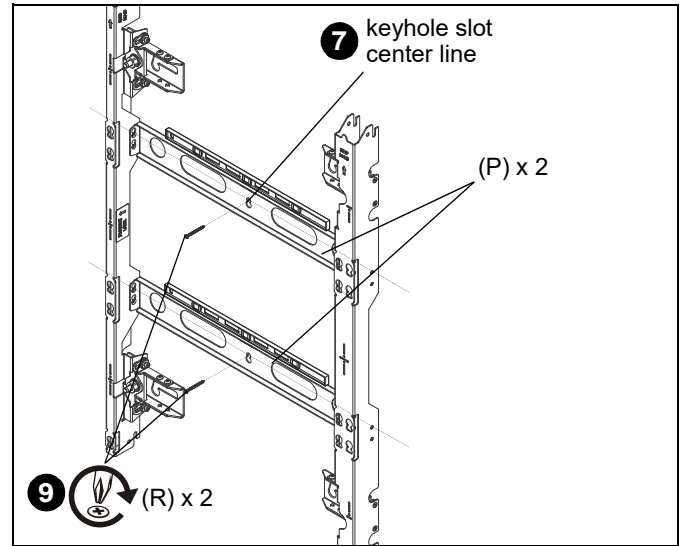


Figure 6

### Adding Vertical Connector Kit (Sold Separately)

**NOTE:** If more LED screens will need to be added to the top or bottom of the screen configuration, add TILVAB2 vertical connector kit to top or bottom of wall mount using the following instructions. If you are NOT adding the TILVAB2 connector kit, proceed to **Installing First Mount** section.

**IMPORTANT ! :** It is easier to install the vertical connector kit BEFORE the mounts are attached to the wall. However, it can also be installed after the mounts are attached to the wall.

1. Add the vertical connector (K) to the top or bottom of the mount, and fasten with four 1/4-20 x 1/2" Phillips pan head screws (J) per vertical connector (K). (See Figure 7)
2. Partially install two 1/4-20 x 1/2" Phillips pan head screws (J) into top or bottom screw holes on connectors (K). (See Figure 7)

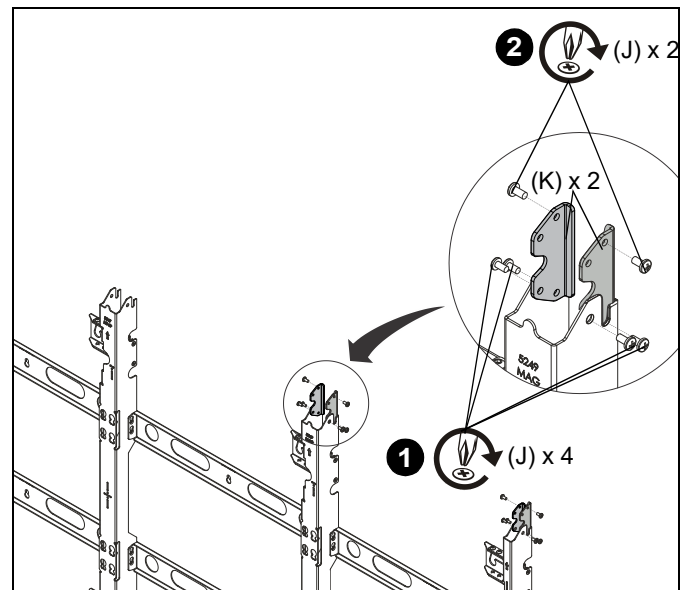


Figure 7

## Installing First Mount to Wall

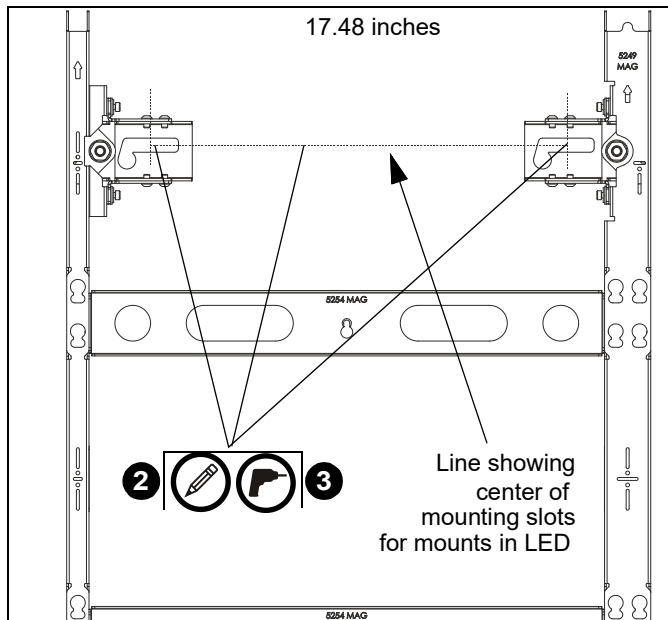
The TILD1X3LG4 / TILD1X4LG4 / TILD1X5LG4 LED wall mounts are designed to be mounted to the following wall types:

**Table 1: Fastener Information**

WALL TYPE	PILOT HOLE	FASTENERS (see PARTS drawing)
Drywall attached to plywood-backed walls Steel/Wood studs	7/32" x 3"	- 5/16 x 2-1/2" flanged hex head lag (C) - 5/16" washer (D) - Adjustment washer (A)
Concrete or concrete block	3/8" x 3"	- 5/16 x 2-1/2" flanged hex head lag (C) - 5/16" washer (D) - Adjustment washer (A) - Fischer Anchor UX10x60R (B)

1. Hold furthest left wall mount section against wall ensuring that mounting slot is lined up with center line marked on the wall in **Determining Installation Site** section. Double-check with a level. (See Figure 8)
2. Mark mounting holes near top or mounting slots along the horizontal line. (See Figure 8)
3. The mounting holes are 17.48" apart on-center for left and middle and 23.62" for middle and middle and 22.64 for middle and right. (See Figure 8)

**NOTE:** Mark and drill pilot holes near top of mounting slots for maximum height adjustment.



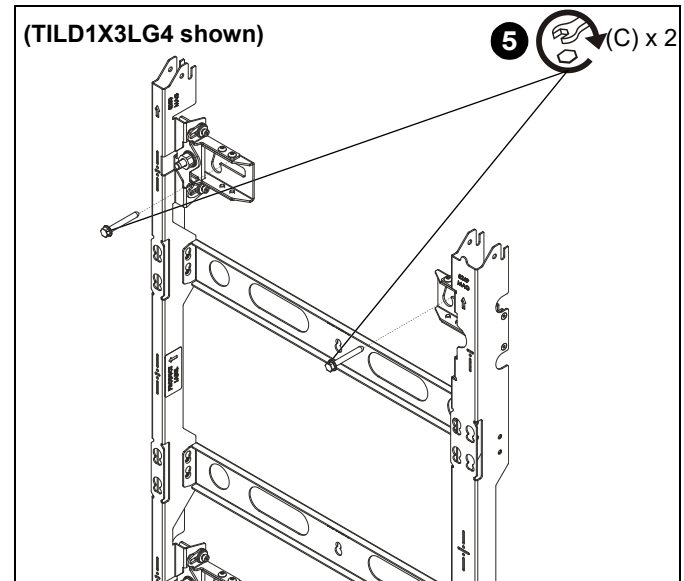
**Figure 8**

4. Drill two pilot holes (see Table 1 for size) at each location marked in Step 2 (See Figure 8) and follow fastener information located in Table 1.

**IMPORTANT !** : Refer to **Fastener Installation Methods** (located in **Appendix** at end of Installation Instructions) for details on installing product into various wall types.

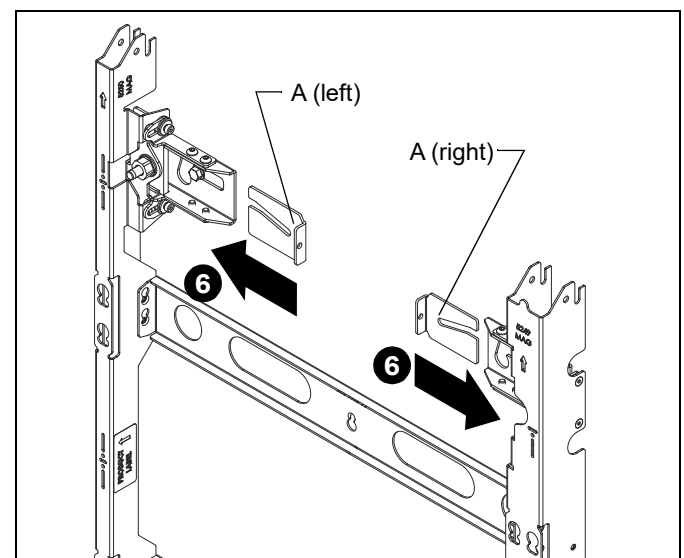
5. Install two lag screws (C) into wall, but do NOT completely tighten to wall. (See Figure 9)

**NOTE: (OPTIONAL)** If more LED screens need to be added to the top or bottom of the screen configuration, add TILVAB2 vertical connector kit (not included) to top or bottom of wall mount following instructions in the **(OPTIONAL) Adding Vertical Connector Kit**. If you are NOT adding the TILVAB2 connector kit, proceed to **Step 5**.



**Figure 9**

6. Slide the left (A-Left) and right (A-Right) adjustment washers into place behind and partially install lag screws. (See Figure 10)



**Figure 10**

7. Place a level across front of the mount at bottom of leveling slots. (See Figure 11)
8. Check the level of the mount at the bottom of the leveling slots. (See Figure 11)

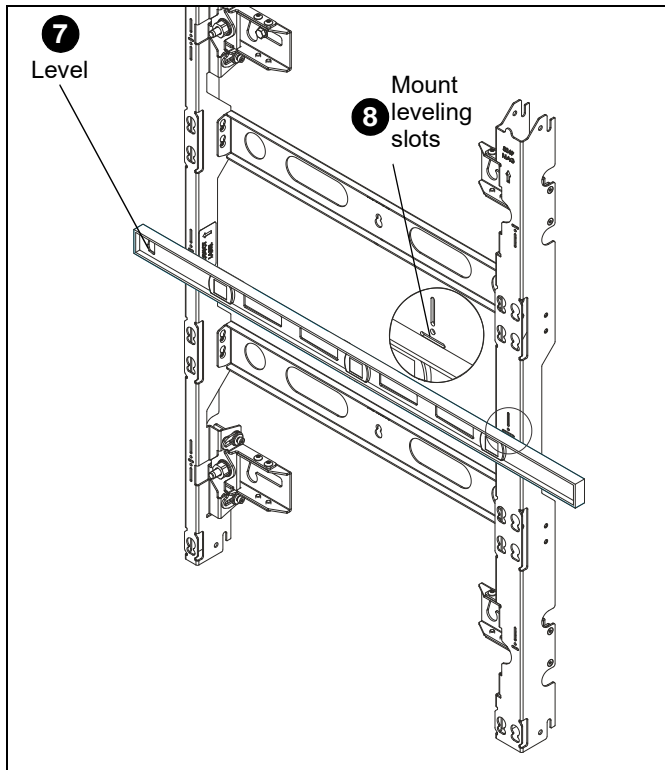


Figure 11

9. Drill pilot holes near top of centerline of lower slots for maximum height adjustment (see Table 1 for size) and follow fastener information (appropriate for wall type) located in Table 1. (See Figure 12)
10. Loosely install 5/16 x 2-1/2" lag screws (C) through the 5/16" fender washers (D) to secure to wall. (See Figure 12)

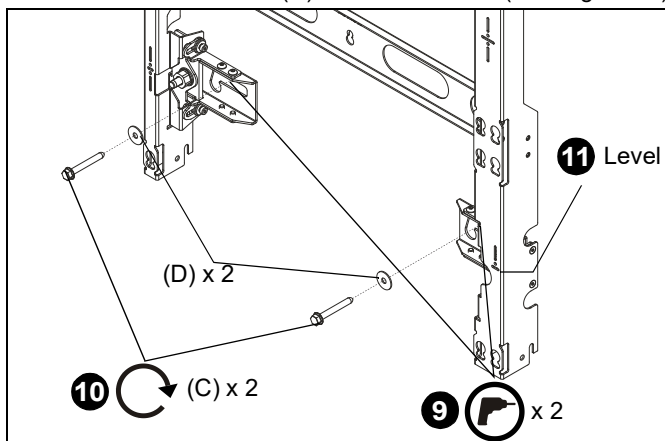


Figure 12

11. Check the level of the mount horizontally at the bottom of the leveling slots and vertically on the side of the uprights. (See Figure 11) and (See Figure 12)
12. If the mount is not level, slide or use a dead blow hammer to lightly tap the spacer into place. This will lift the mount up as the lag screw rides in the washer's angled slot. (See Figure 12)

**Just a tip** - Tighten down the lag screw on the side that does **NOT** need to be raised. This creates a pivot point for when the opposite adjustment washer is tapped into place, and allows that correct side of the mount to move up.

13. Tighten the bottom lag screws (C) to allow for leveling adjustment if needed later. (See Figure 13)

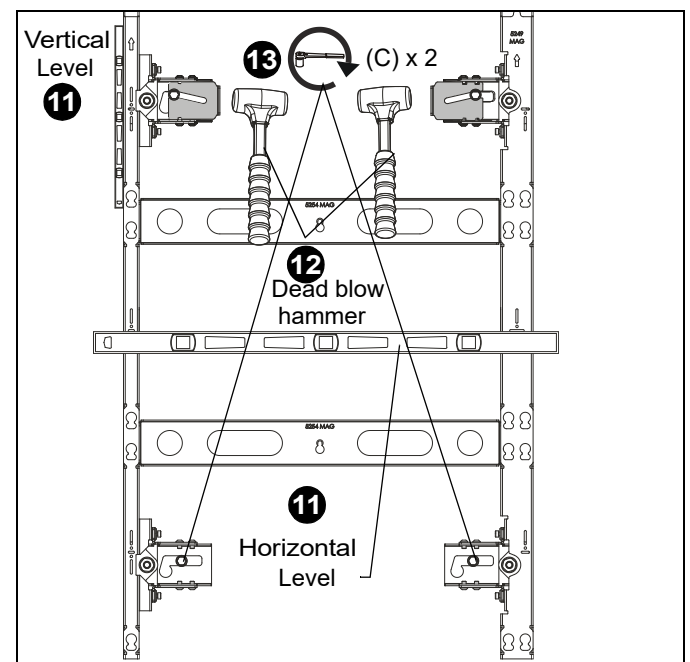


Figure 13

14. Remove #8 x 2" Phillips drywall screws (R) from wall after mount has been leveled. (See Figure 14)

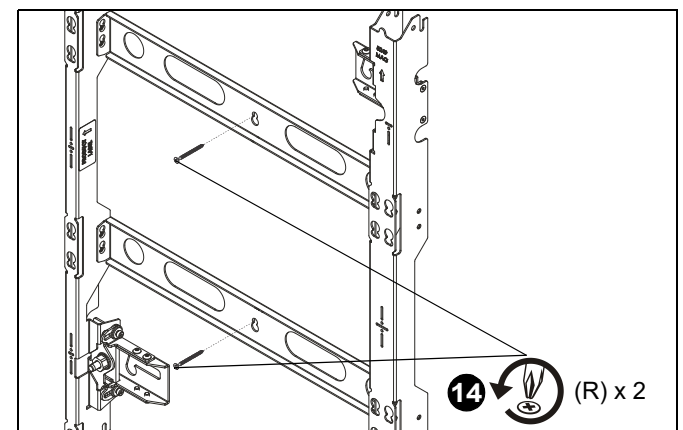


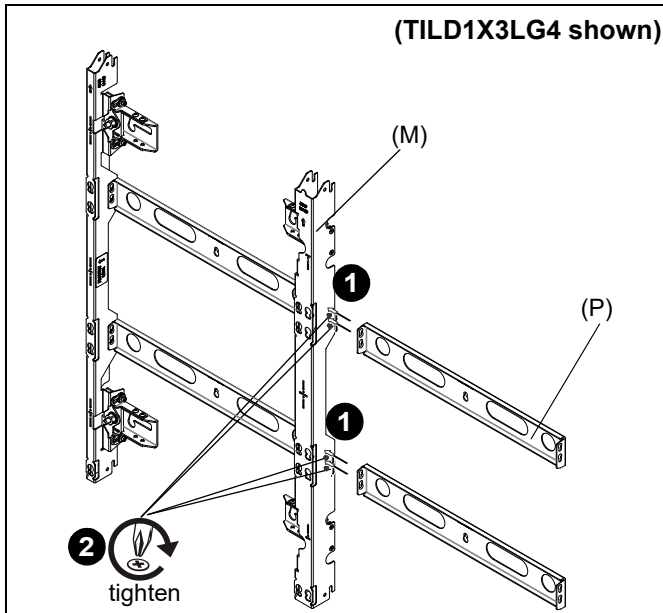
Figure 14



### Adding Additional Uprights

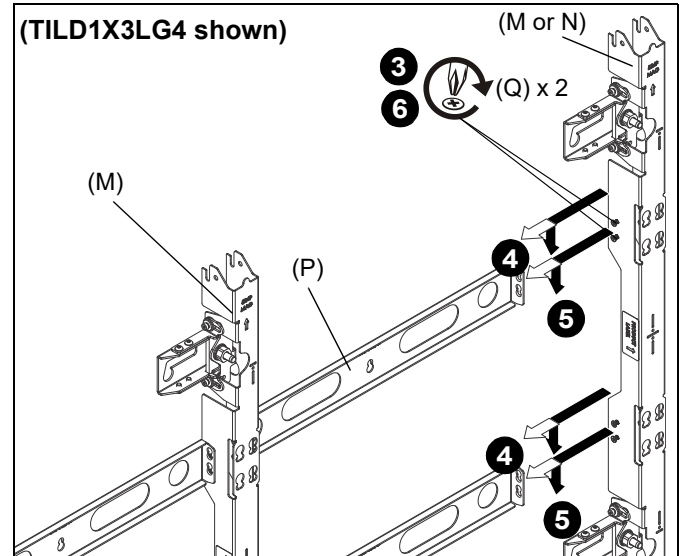
1. Hang spacer plate (P) onto lower screws installed in previous section on middle upright (M). (See Figure 15)
2. Tighten both screws (Q) to secure spacer plate (P) to middle upright (M). (See Figure 15)

**NOTE:** Add uprights (M) or (N) one by one from left to right as the mounting system is being built on the wall.



**Figure 15**

3. Partially install two #10-24 x 1/2" Phillips flathead screws (Q) into middle two holes on middle upright (M) or right upright (N). (See Figure 16)
4. Insert two partially installed screws (Q) into holes on opposite side of spacer plate (P). (See Figure 16)
5. Lower upright until screws are properly seated in keyhole mounting holes. (See Figure 16)
6. Tighten two screws to secure spacer plate to mounting upright (M) or (N). (See Figure 16)

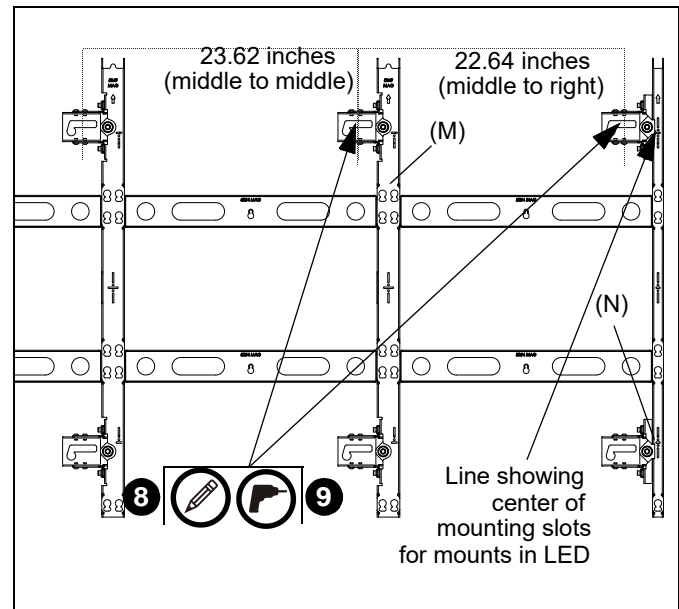


**Figure 16**

**NOTE:** (Optional) Drywall screws (R) may be used to keep the spacer (P) level as the upright is being attached.

7. Mark mounting hole in top mounting slot along the horizontal line marked in Step 3 of **Installing First Mount** Section. (See Figure 17)

**NOTE:** The mounting holes are 23.62" apart on-center for middle (M) and middle (M) or 22.64" apart on-center for middle (M) and right (N) uprights. (See Figure 17)



**Figure 17**

8. Drill two pilot holes (see Table 1 for size) at each location marked in Step 8 (See Figure 17) and follow fastener information (appropriate for wall type) located in Table 1.

9. Hold the adjustment washers in place by hand and tighten the fasteners at the top of the mount.
10. Drill lower pilot holes at attachment locations and use same fasteners used at top of mount.
11. Install two fasteners and fender washers (D) through lower part of mount and tighten.

**IMPORTANT !** : For larger LED walls it is helpful to check placement and alignment of the mounts by putting a few LED housings in place in the bottom row of the installed mounts (referencing the LED screen installation manual for specific instructions) during the mount installation, checking alignment before removing the housings, and then continuing the installation.

**IMPORTANT !** : Continually recheck the alignment and overall flatness of the wall mounts during the installation process.

12. Continue the installation process until all wall mounts are attached. Use a magnetic level on front face of outside uprights to make sure they are plumb. Use a 3/4" or 19mm socket wrench to adjust hex nuts as needed. (See Figure 21)

### Connecting Mounts Above First Row

1. Lower additional uprights (L, M or N) onto installed uprights, placing grooves at bottom of uprights over partially installed screws (J) on connector kit. (See Figure 18)

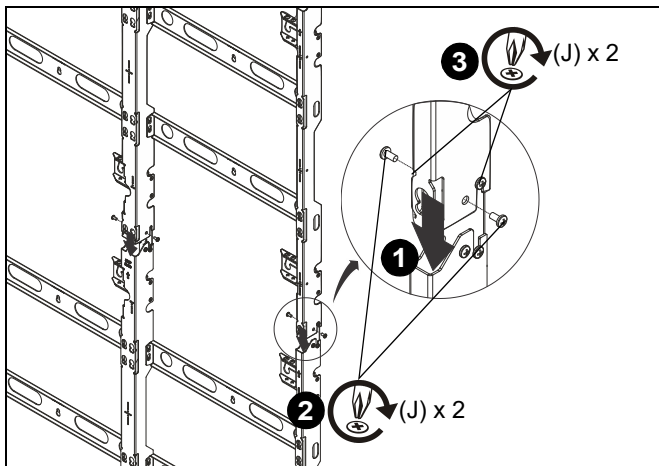


Figure 18



**WARNING:** Be sure to hold upright (L, M or N) up against wall until screw is installed in Step 2!

2. Install remaining 1/4-20 x 1/2" Phillips pan machine screws (J) into hole above partially installed screws. (See Figure 18)
3. Tighten partially installed screw (J) to secure additional upright to existing upright. (See Figure 18)

**NOTE:** Add uprights (M) or (N) one by one from left to right as the mounting system is being built on the wall.

**NOTE:** Spacer plates may be attached prior to installing uprights depending on installer preference.

4. Position spacer plate (P) between uprights (L, M or N) middle upright (M) between mounting holes. (See Figure 19)
5. Use four 1/4-20 x 1/2" Phillips flathead screws (Q) to secure uprights (L, M or N) to each other. (See Figure 19)

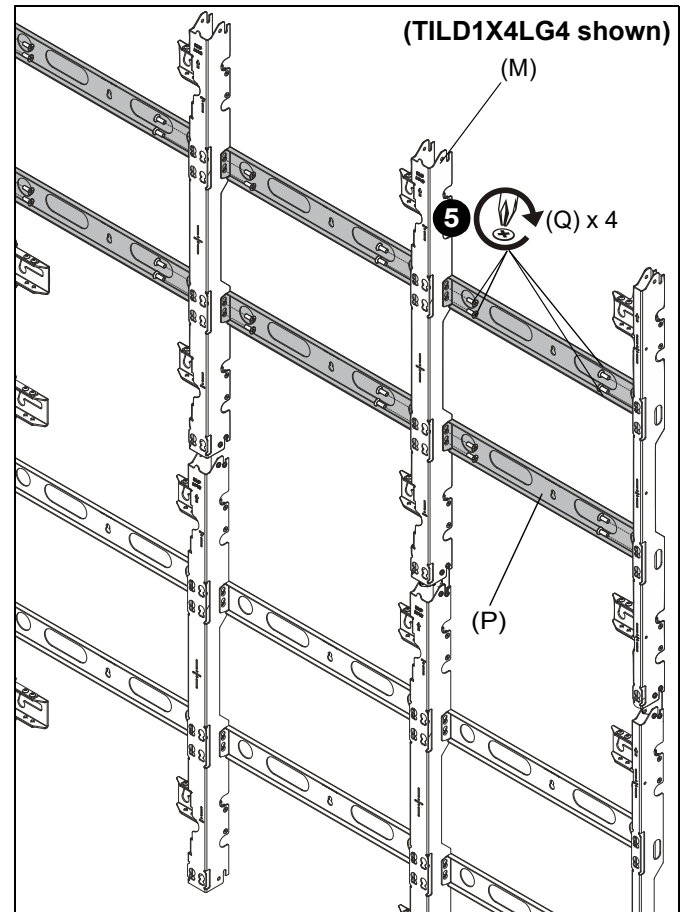


Figure 19

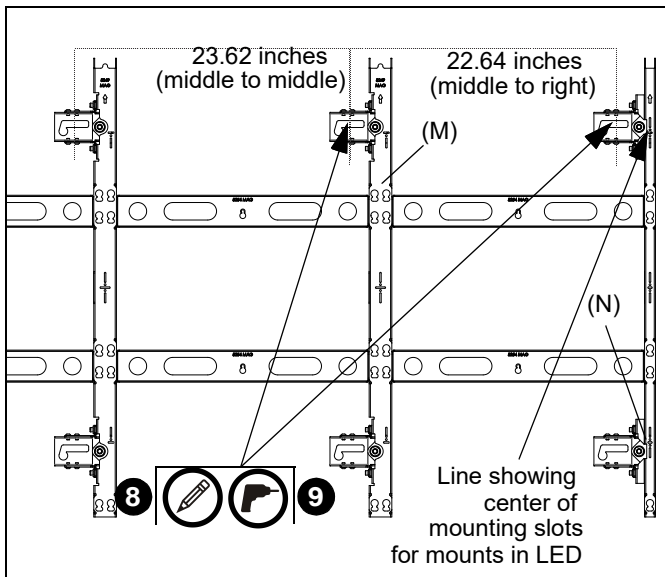
**NOTE:** Drywall screws (R) do NOT need to be used when installing upper rows they only need to be used when installing the bottom row.

6. Repeat Steps 4-5 for each spacer plate on the row.



7. Mark mounting hole in top mounting slot along the horizontal line marked in Step 3 of **Installing First Mount Section**. (See Figure 20)

**NOTE:** The mounting holes are 23.62" apart on-center for middle (M) and middle (M) or 22.64" apart on-center for middle (M) and right (N) uprights. (See Figure 20)



**Figure 20**

8. Drill two pilot holes (see Table 1 for size) at each location marked in Step 8 (See Figure 20) and follow fastener information (appropriate for wall type) located in Table 1.
9. Drill two pilot holes (see Table 1 for size) at each location marked in Step 7 (See Figure 20) and follow fastener information (appropriate for wall type) located in Table 1.
10. Hold the adjustment washers in place by hand and tighten the fasteners at the top of the mount.
11. Drill lower pilot holes at attachment locations and use same fasteners used at top of mount.
12. Install two fasteners and fender washers (D) through lower part of mount and tighten.
13. Continue installing uprights across and level as shown in initial uprights installation section.
14. Repeat steps found in **Installing First Mount to Wall Section** to install all additional rows to wall.

**IMPORTANT ! :** Installation of adjustment washers (A) is unnecessary when adding additional rows above first row. Only install lag screws (C) and fender washers (D) into top mounting holes.

## Depth Adjust using String Line

1. Install #10 x 1/2" self-tapping screws (H) on the mount in the far left and far right uprights to assist in plumb leveling. (See Figure 21)
2. Run a string between the self-tapping screws installed in **Step 13** to assist with alignment across long sections of mounts. (See Figure 21)
3. Turn hex nuts in either direction on far left and far right uprights to assist in plumb leveling. (See Figure 21)
4. Turn hex nuts in either direction on each middle upright to adjust depth to match the string line as needed. (See Figure 21)

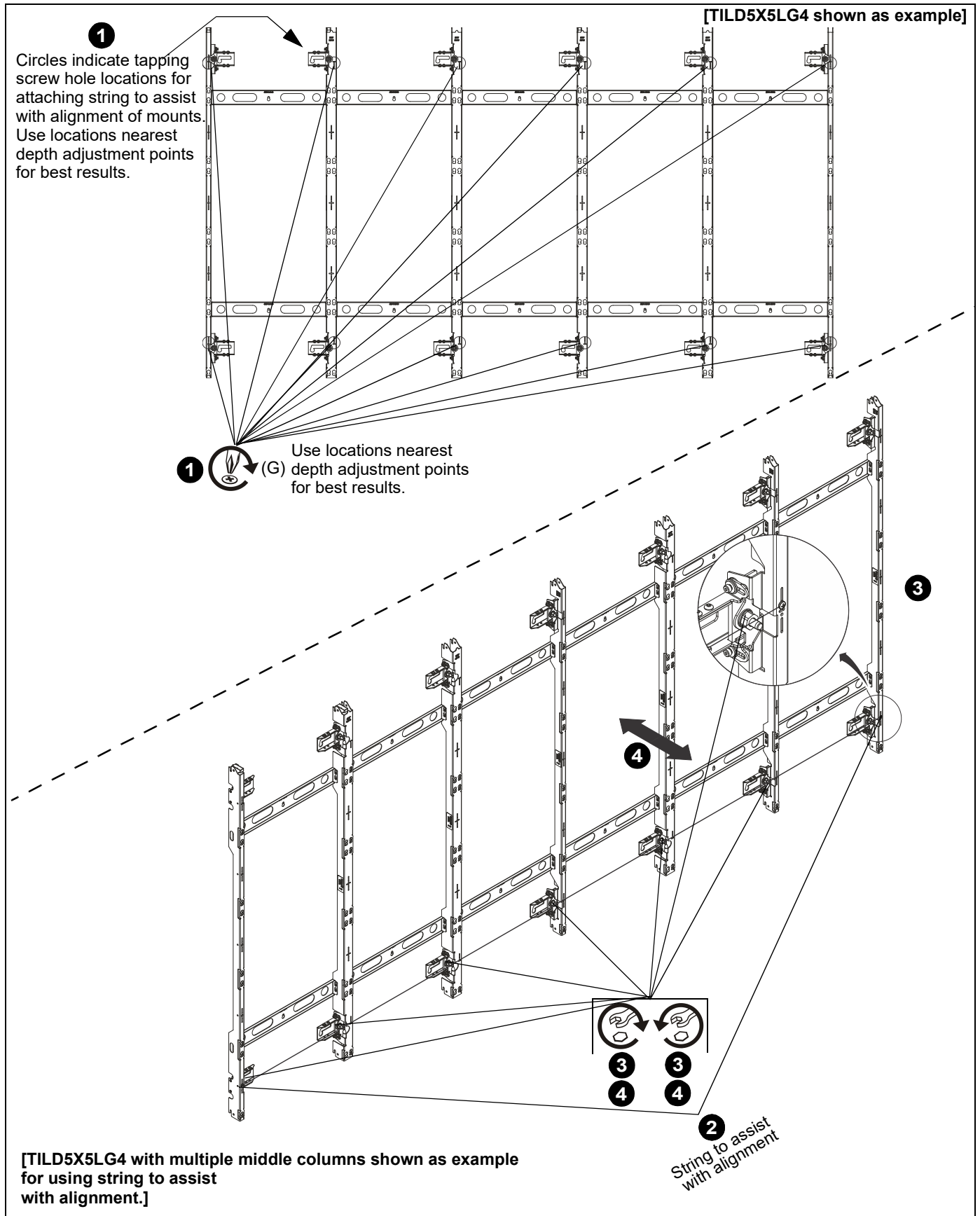


Figure 21

## Adjustments

### Depth Adjust

1. Remove LED housings from mounting system.
2. Turn 3/4" hex nuts near feet of mounting system to adjust depth as needed. (See Figure 22)
3. Replace LED housings onto mounting system.

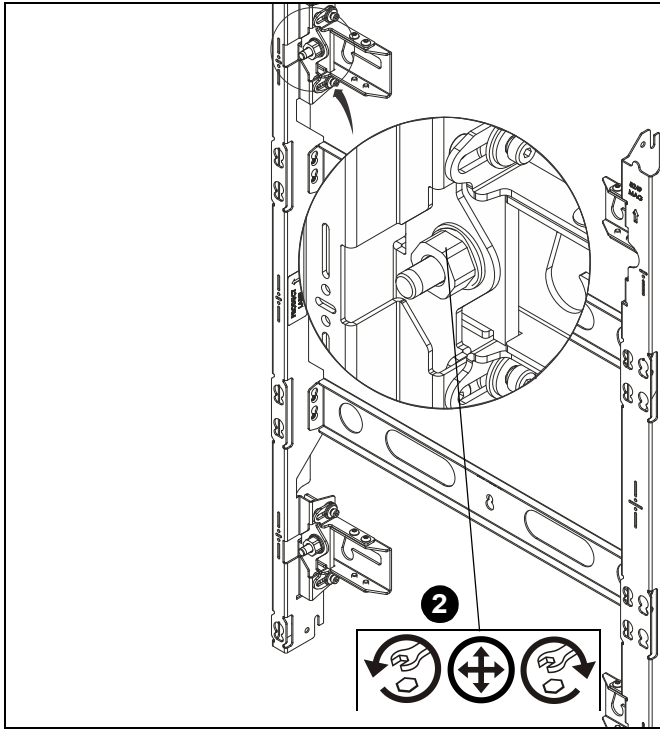


Figure 22

### Installing Housings and LED Screens



**WARNING:** The TILD1X3LG4 / TILD1X4LG4 / TILD1X5LG4 LED wall mounts are designed for use with LED panels only. Exceeding the weight capacity (listed) can result in serious personal injury or damage to equipment! Do NOT attach LED panels to TILD1X3LG4 / TILD1X4LG4 / TILD1X5LG4 LED video wall mounts that exceed 20 lbs (9.07 kg) regardless of the size or design of the configuration.

**IMPORTANT !** : Reference the LED screen installation manual for specific instructions regarding care, handling, cabling and installation of the LED housings and screens.

**NOTE:** Begin the installation of the housings in the lower left corner of the video wall.

**NOTE:** One complete row of housings should be installed before proceeding to the next row.

**NOTE:** Panels may be moved in either direction for better access as the panels are being installed.

**NOTE:** Make sure mounting buttons are properly installed into back of LED housings prior to installation to mounting system.

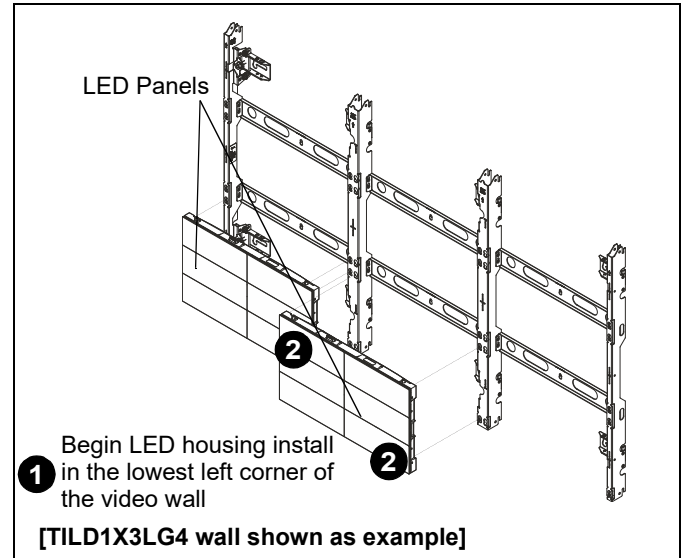


Figure 23

1. Install the first LED housing in the lowest left-hand corner of the video wall by aligning mounting buttons on the housing with the mounting holes on the wall mount. (See Figure 23)
2. Move LED housing forward until all four mounting buttons are through mounting holes in wall mount.
3. Continue with the next housing (directly to the right of installed housing).

**NOTE:** Be sure to check the level and plumb of the housings often during the housing installation.

4. After the second housing is installed, push to the left until the first and second housings are touching.
5. Repeat until all housings in a row are installed.
6. After the first row is installed, install a column on the far sides to ensure the panels are perfectly perpendicular. (See Figure 24)

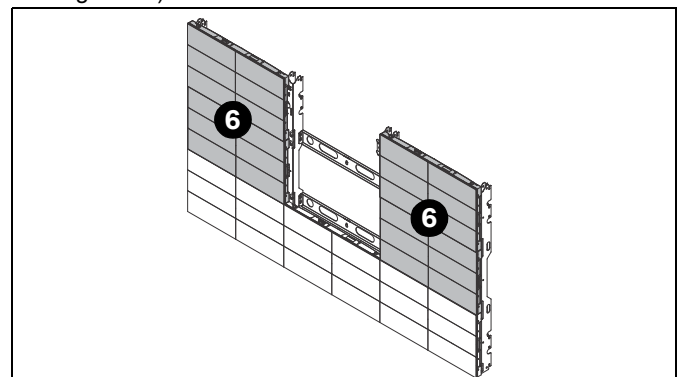


Figure 24

7. Fill in additional rows above by repeating Steps 2-5.
8. Using levels, check the level and plumb of the housings installed on the mounts and adjust as necessary following information in the **Adjustments** section.
9. Connect housings following instructions included with LED screens.
10. Install LED screens following instructions included with screens.

### Fastener Installation Methods

**IMPORTANT !** : See Table 1 for appropriate hardware and pilot hole sizes for various wall types.

**IMPORTANT !** : The expanse of the LED wall will most likely mean that attachment of the wall mounts will not all be in studs. The attachment method will most likely vary throughout the installation, and more than one of the various methods outlined here will most likely be used.

#### Wood Stud/Steel Stud (w/plywood backing)

**IMPORTANT !** : The TILD1X3LG4 / TILD1X4LG4 / TILD1X5LG4 LED wall mounts are designed to be mounted to a 3/4" thickness plywood-backed, 2" x 4" wood studs (16" on center minimum) wall with a maximum drywall thickness of 5/8" or a 3/4" thickness plywood-backed, steel stud wall covered with drywall having a maximum thickness of 5/8".

1. Use one 5/16" x 2-1/2" hex flange head lag bolt (D) and one 5/16" washer (E) through product and into pilot hole. (See Figure 25)
2. Repeat for remaining pilot holes.

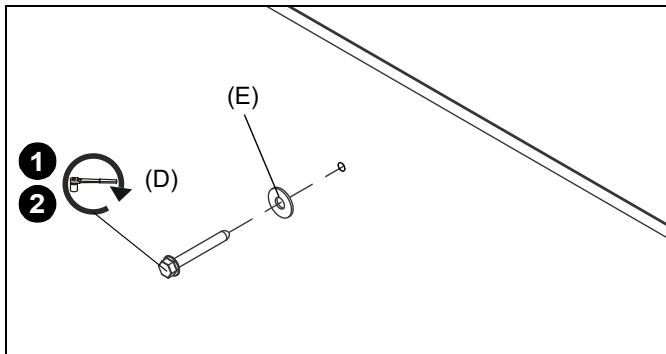


Figure 25

#### Concrete or Concrete Block

**IMPORTANT !** : The TILD1X3LG4 / TILD1X4LG4 / TILD1X5LG4 LED wall mounts are designed to be mounted to a bare 8" concrete or 8"x8"x16" concrete block wall.

1. Install one UX10X60R anchor (C) into each pilot hole using a hammer, making sure that the anchor is flush with the wall. (See Figure 26)
2. Use one 5/16" x 2-1/2" hex flange head lag bolt (D) and one 5/16" washer (E) through product into each anchor in wall. (See Figure 26)

**NOTE:** 5/16" washers (E) may not be necessary if using adjustment washers (A and B) to install to wall.

3. Repeat for remaining pilot holes.

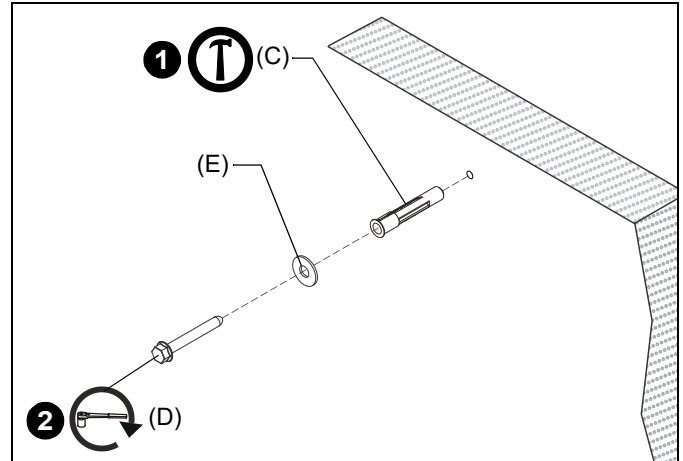


Figure 26

## Site Requirements for Wood or Steel Stud Installation



### \*Steel stud ONLY

If back side of wall is unfinished, drywall must be installed to a minimum of one stud left and right of the stud(s) being used to install the mount. Drywall must be secured to studs with screws a maximum of 12" (305mm) apart down center of stud.

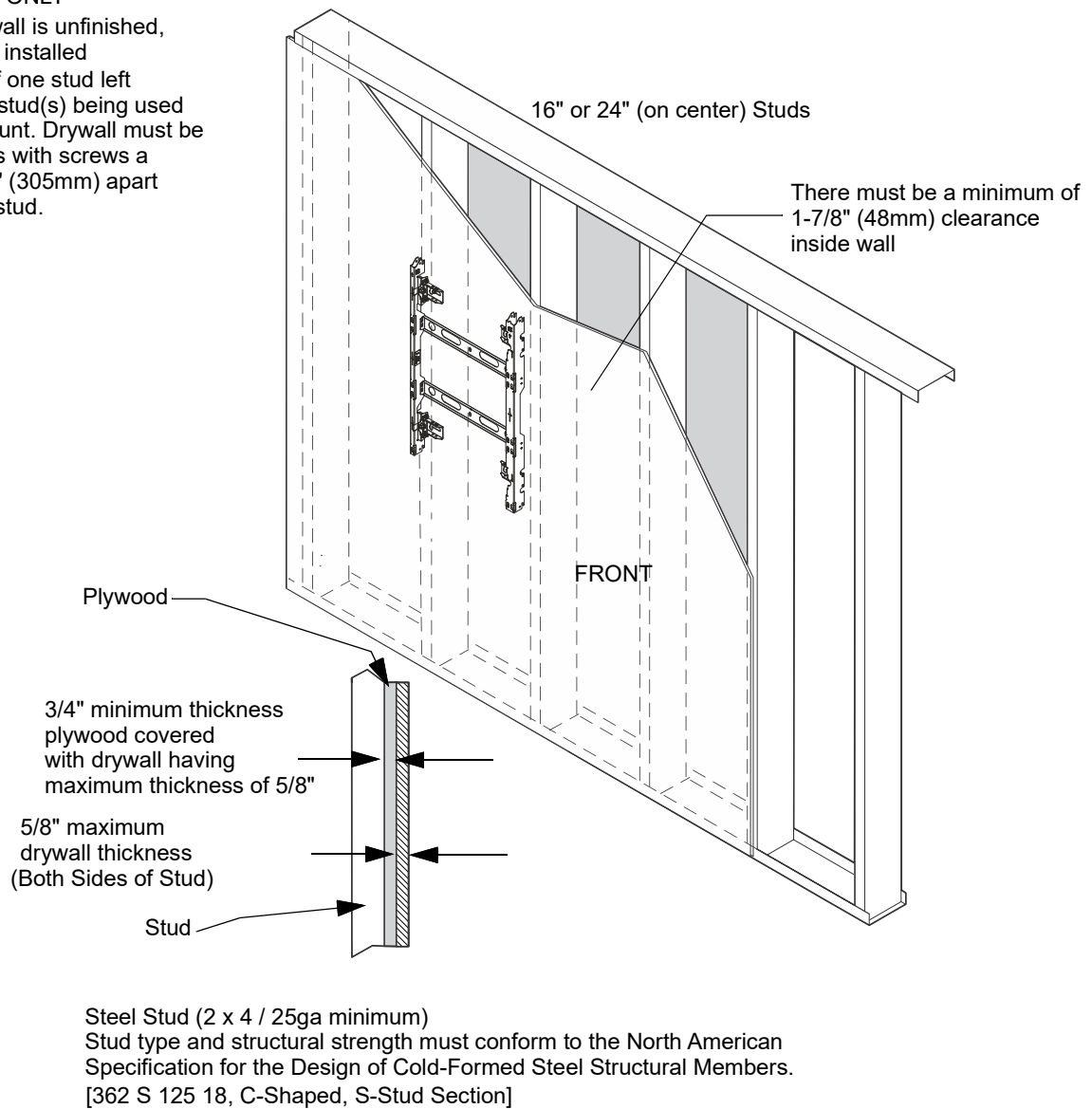
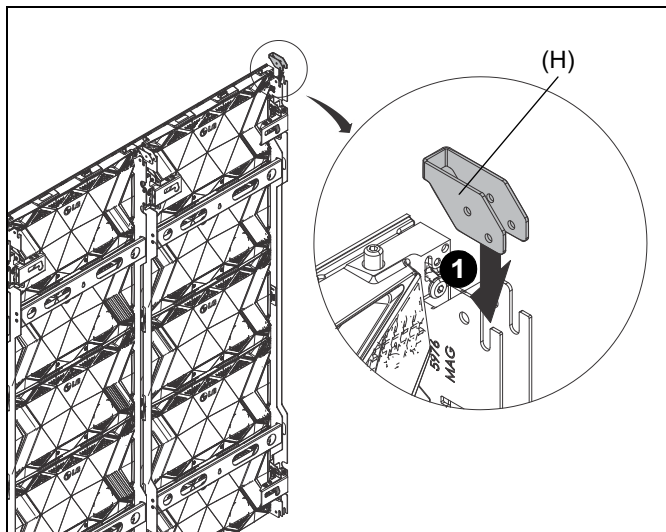


Figure 27

## Holder Bracket (Optional)

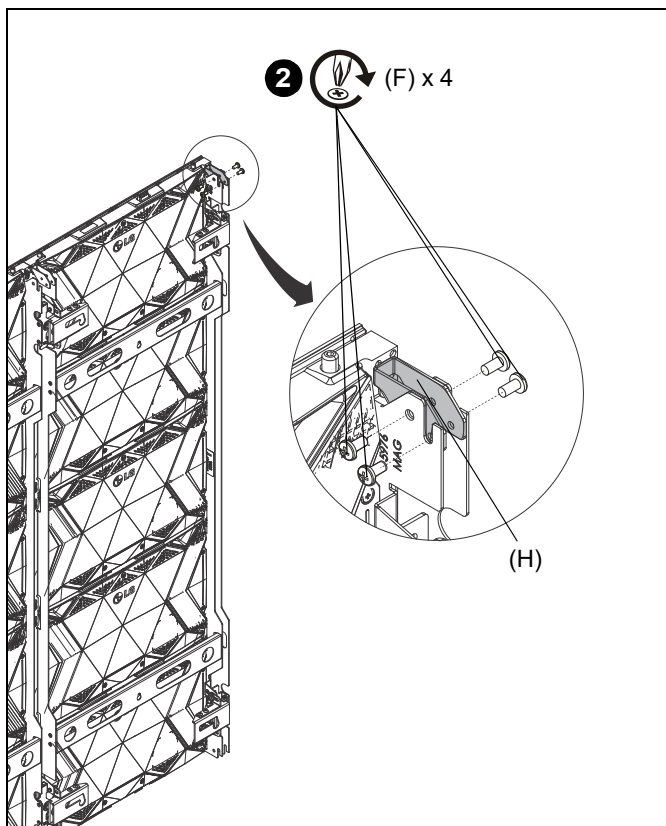
**NOTE:** For increased security, holder brackets (H) may be used to secure displays to outer uprights (L or N).

1. After all displays are mounted and leveled, position holder bracket onto top of outer upright (L or N). (See Figure 28)



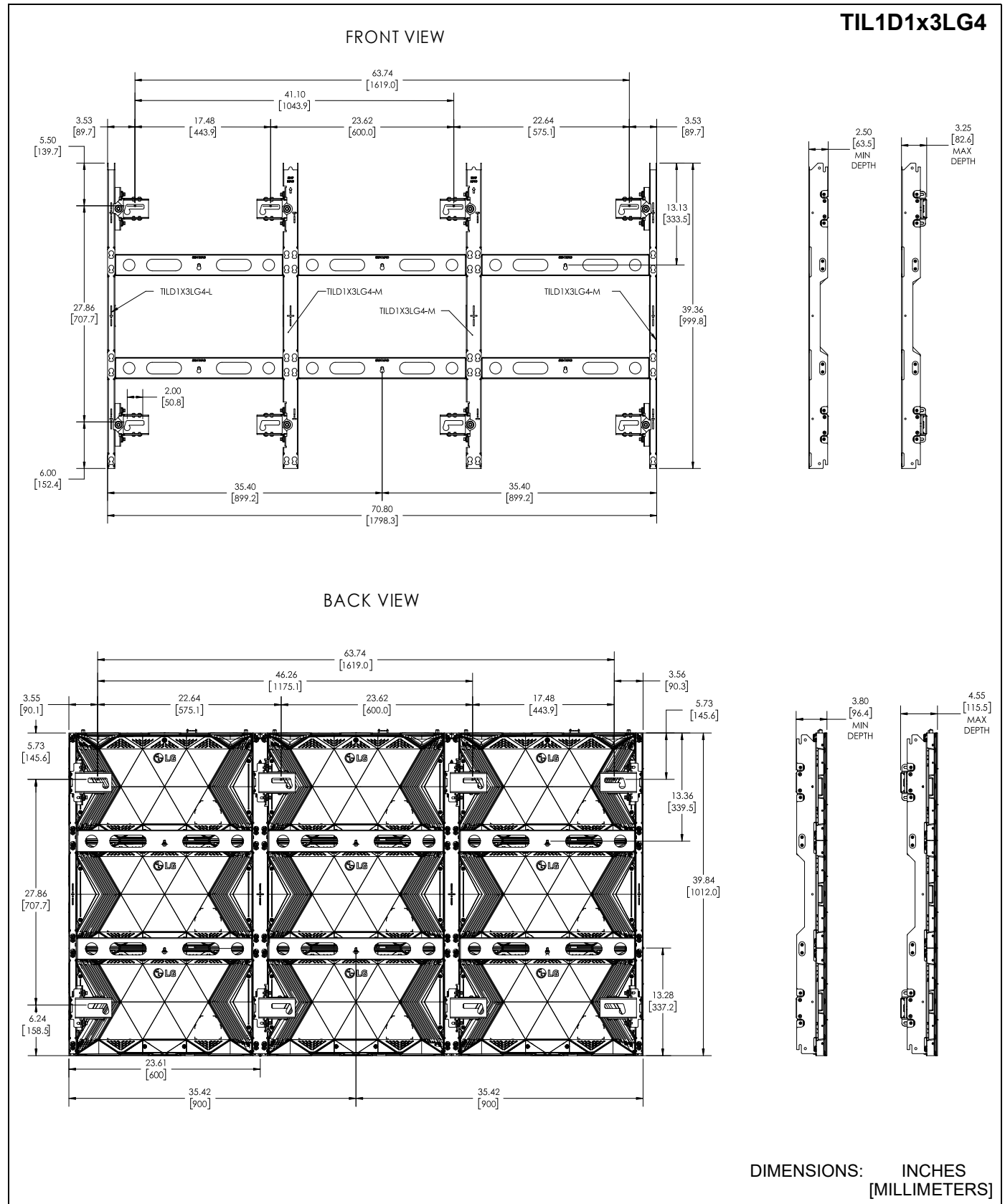
**Figure 28**

2. Use four #10 x 1/2" Phillips screws (F) to secure holder bracket (H) to outer uprights (L or N). (See Figure 29)



**Figure 29**

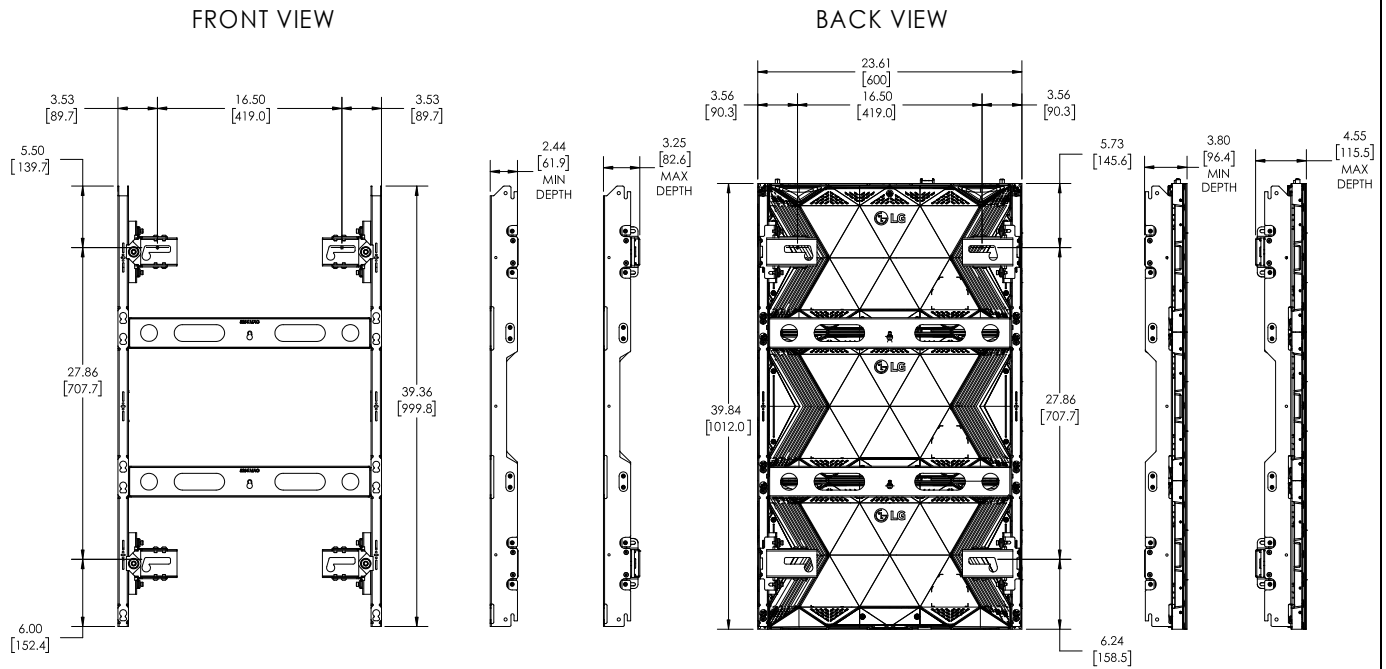
## DIMENSIONS



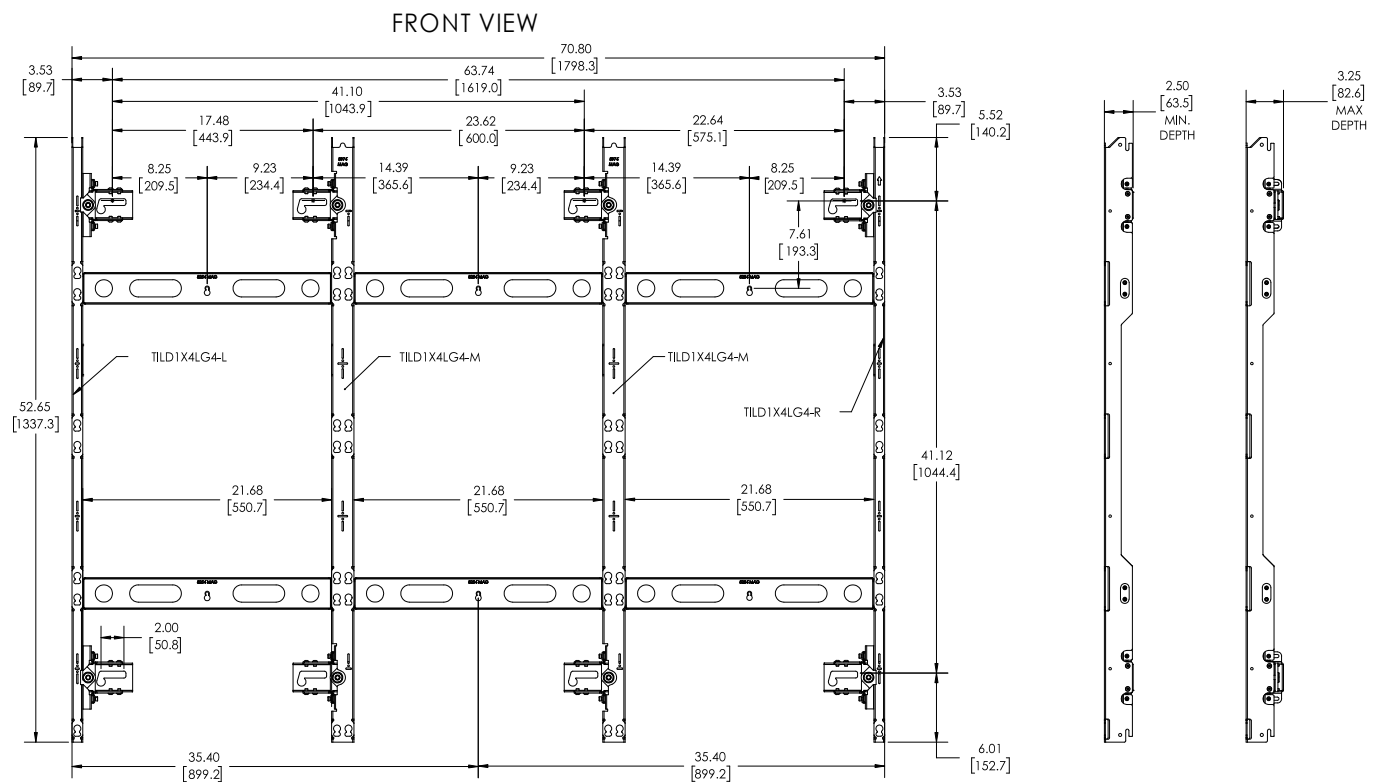


## DIMENSIONS...cont'd

## TILD1x3LG4 (CONTINUED)

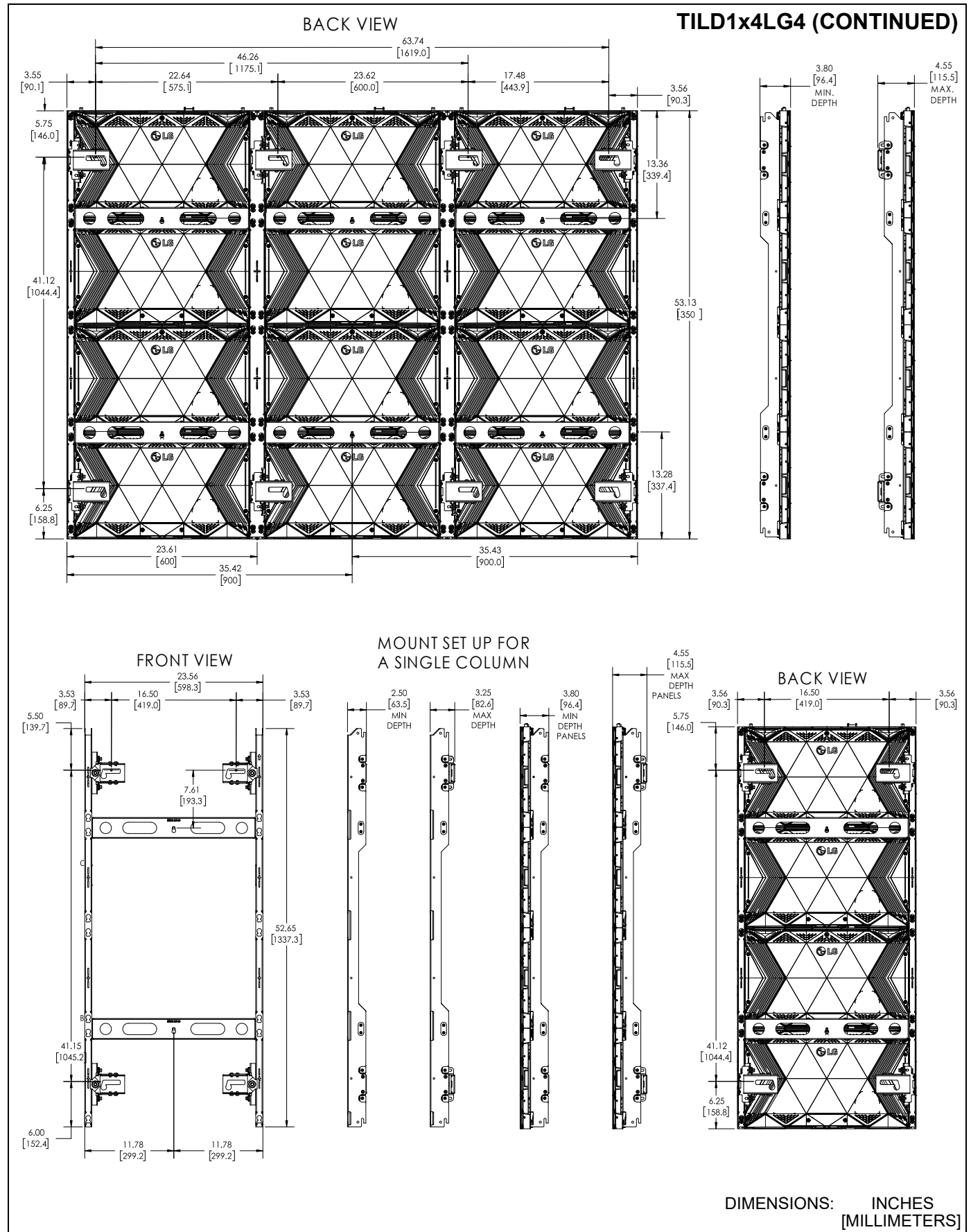


## TILD1x4LG4

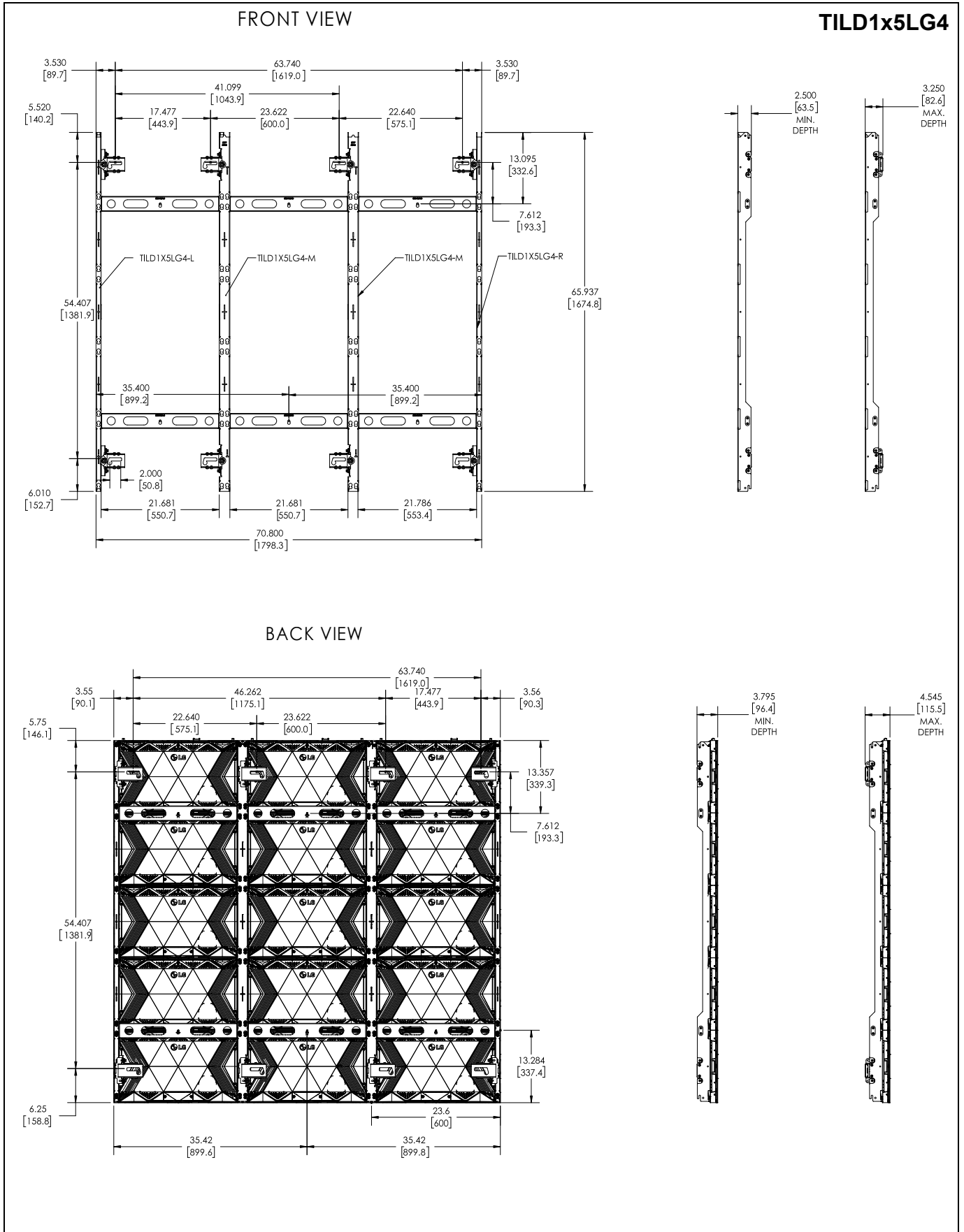


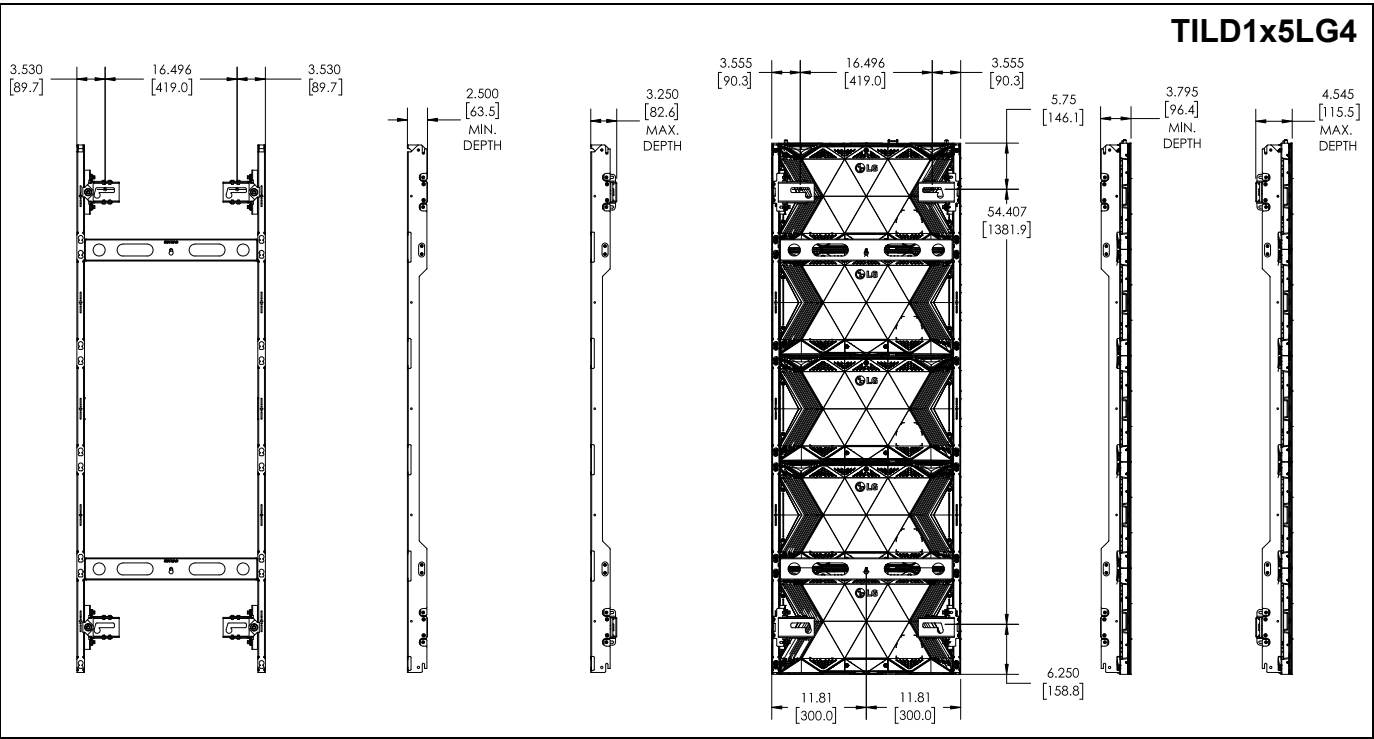
DIMENSIONS: INCHES  
[MILLIMETERS]

# DIMENSIONS (CONTINUED)



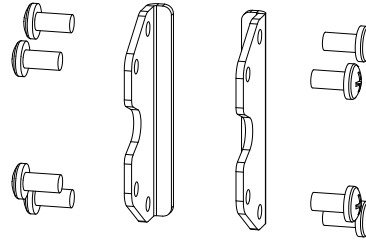
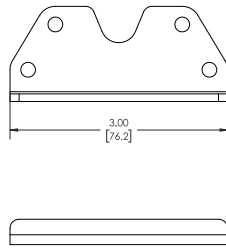
# DIMENSIONS (CONTINUED)



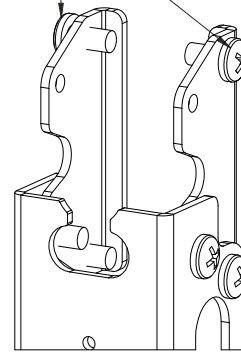


## DIMENSIONS (CONTINUED)

**TILVABP2**



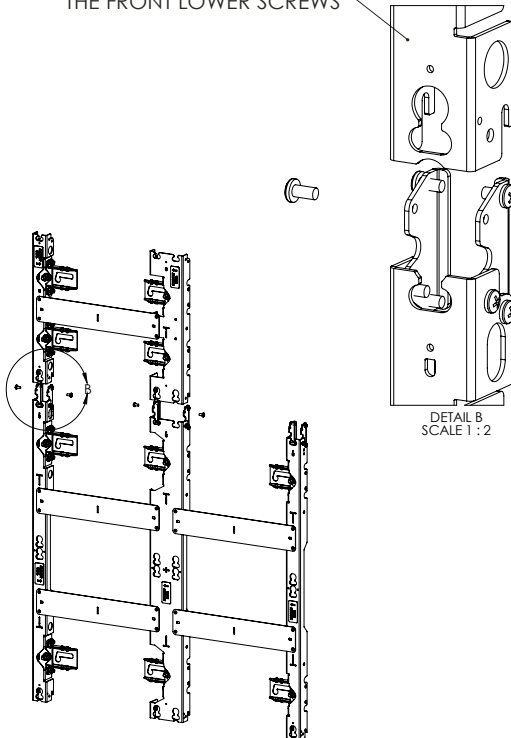
**TILVAB2**  
KIT INCLUDES 2 BRACKETS AND HARDWARE  
LOOSELY INSTALL THE REAR UPPER  
SCREWS



DETAIL A  
SCALE 1 : 1

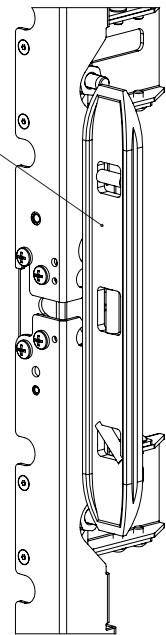
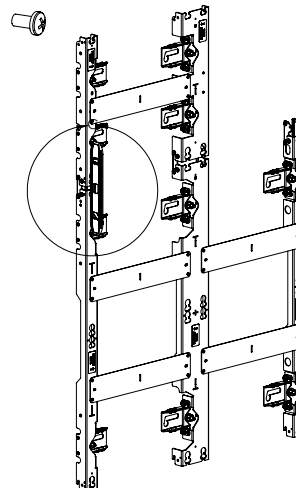
INSTALL VERTICAL ATTACHMENT BRACKETS  
AT THE TOP OF THE LOWER UPRIGHTS  
IT IS EASIER IF THIS IS DONE PRIOR TO INSTALLING  
THE MOUNTS ON THE WALL

SLIDE UPPER MOUNT UPRIGHTS  
DOWN FROM THE TOP AND INSERT  
THE FRONT LOWER SCREWS



DETAIL B  
SCALE 1 : 2

ALIGN THE FRONT FACES OF  
THE MOUNTS BY PLACING A LEVEL  
ACROSS THE FRONT  
THEN TIGHTEN SCREWS



DETAIL C  
SCALE 1 : 2.5

DIMENSIONS: INCHES  
[MILLIMETERS]

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